Auxein®

Surgical Technique

0.8mm | 1.3mm Low Profile Hand System

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Product Overview

Auxein is a global leader of innovative orthopaedic and medical solutions. We are dedicated to developing products, service methods, and approaches that improve patient care.

The 0.8mm | 1.3mm Low Profile Hand System

The 0.8mm | 1.3mm Low Profile Hand System is designed to provide both standard and fracture-specific fixation for metacarpal and phalangeal fractures, as well as fixation for fusions and osteotomies. This comprehensive system contains plates for fractures of the metacarpal neck, fractures of the base of the first metacarpal, avulsion fractures, and rotational malunions. Additionally, the system contains standard-shaped, cut-to-length, and bend-to-fit plates and Low profile Screw & Wise-Lock Low profile Screw, Star Head for less complicated fractures.

Low-profile plates and screws and a rounded-edge plate cutter are designed to minimize soft tissue irritation. Versatile screws, customizable plates, and dedicated instrumentation offer a comprehensive system to streamline the surgical experience.

Indications for Use:
The 0.8mm | 1.3mm Low Profile Hand System is designed for the management of fractures, fusions, and osteotomies of the distal, middle, and proximal phalanges and metacarpals and other bones of appropriate size for the devices.

Standard Plate Surgical Technique

1. Exposure and Fracture Reduction

The patient's forearm is positioned to expose the surgical site. Make the appropriate incision; retract tendons and take care to protect nerve fibers and blood vessels.

Reduce the fracture using standard reduction techniques. Provisional stability can be achieved with K-wires and evaluated under fluoroscopy.

(Figure 1)

2. Plate Selection and Placement

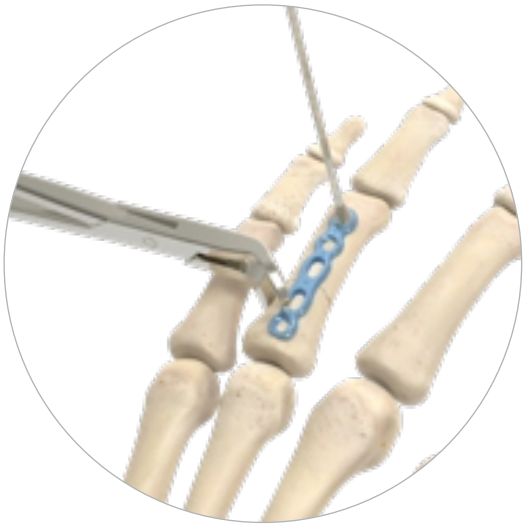
After reduction and stabilization, select the appropriate plate size and shape. Bend and/or cut the plate as necessary.

The plate is positioned dorsally (or medially or laterally for the 0.8 mm Curved Medial/Lateral Plate on the metacarpal or phalanx Plate Tacks, The Reduction Forceps, or K-wires.

Note: Plate divots interface with Single Pointed Reduction Forceps, and Bone Reduction Forceps.

7-095-07	Bone Forcep 1.1/2.0 for Low Profile Hand System
7-095-08	Reduction Forcep with Points, for Low Profile Hand System
7-095-09	Reduction Forcep for Low Profile Hand System

(Figure 2)



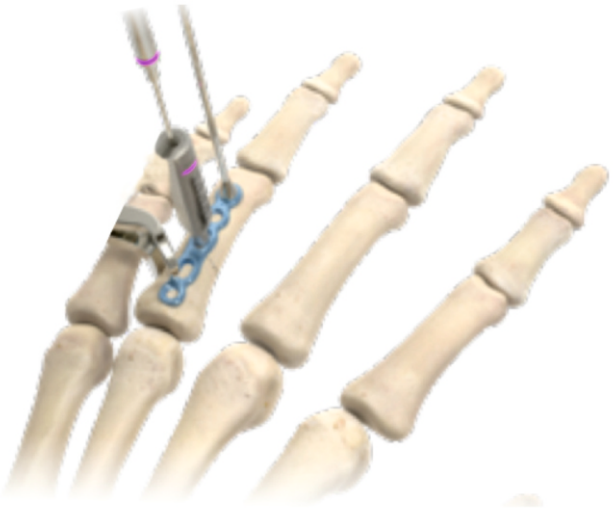
(Figure 3)

Standard Plate Surgical Technique

3. Drilling Screw Holes

Drill with the Drill Bit with Quick Coupling Ø1.1mm x Length 90mm **(7-113-01)** or Drill Bit with Quick Coupling Ø2.0mm x Length 90mm **(7-114-01)** through the appropriate drill guide.

Note: Surgical technique highlights the Standard AO drills. The 1.1 mm and 2.0 mm drills are available in different connection options as shown below.



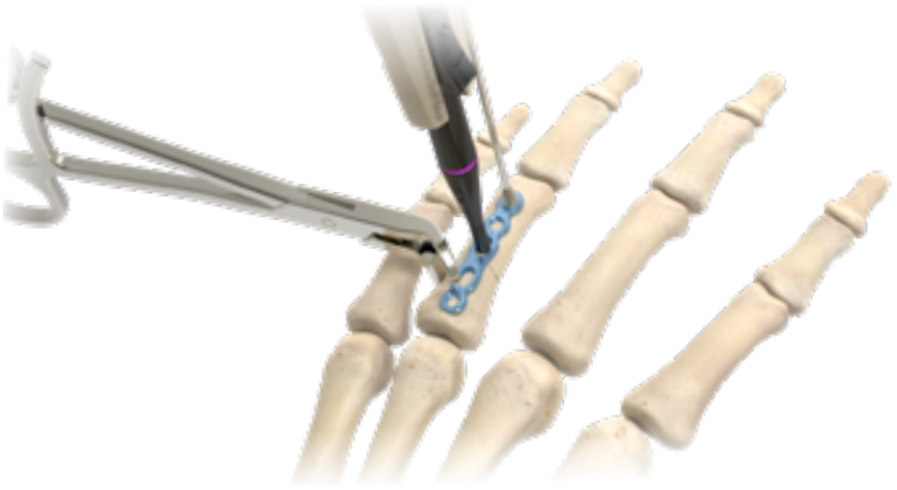
(Figure 4)

7-113-02	Drill Bit with AO Coupling Ø1.1mm x Length 90mm
7-114-02	Drill Bit with AO Coupling Ø2.0mm x Length 90mm

4. Determining Screw Length

Measure screw length using the corresponding Depth Gauge for Ø1.5mm Screw **(7-113-04)** or Depth Gauge for Ø2.3mm Screw **(7-114-04)**.

Note: The Threaded Drill Guide Ø1.1mm **(7-113-03)** or the Threaded Drill Guide Ø2.0mm **(7-114-03)** can also be used to measure the screw lengths.



(Figure 5)

Standard Plate Surgical Technique

5. Screw Insertion

Using the Stardrive Shaft, T6 **(7-095-22)**, secure the plate to the bone with 1.5mm Low profile Screw, Star Head **(12-016-05TI to 12-016-20TI)** or 2.3mm Low profile Screw, Star Head **(12-018-05TI to 12-018-20TI)** through the slots. Finish securing the plate to the bone with 1.5mm Wise-Lock Low profile Screw, Star Head **(12-015-05TI to 12-015-20TI)** through the remaining threaded holes.

(Figure 6)

6. Closure and Postoperative Protocol

Postoperative care is at the discretion of the surgeon. The following protocol is provided as an example. Perform a thorough radiographic evaluation to check fragment reduction, alignment, and screw placement. Verify that there is no gap between the bone and the plate in the lateral view. Close the wound and support the wrist according to bone quality and stability. Allow for early functional use of the hand and start immediate finger range of motion and forearm rotation postoperatively.

(Figure 7)

1.3mm Wise-Lock Low profile Metacarpal Neck Plate Surgical Technique

1. Exposure and Fracture Reduction

The patient's forearm is pronated and positioned to expose the surgical site. Make the appropriate incision; retract tendons, taking care to protect nerve fibers and blood vessels.

Reduce the fracture using manual techniques. Provisional stability can be achieved with K-wires and evaluated under fluoroscopy.

(Figure 14)

2. Plate Placement

After reduction and stabilization, the appropriate 1.3mm Wise-Lock Low profile Metacarpal Neck Plate **(12-009-06LTI or 12-009-06RTI)** is positioned dorso-laterally just proximal to the ligamentous attachments on the metacarpal head with the Single Pointed Reduction Forceps, **(7-095-07, or 7-095-08, & 7-095-09)**, or K-wires.

Note: If a medial placement is preferred, the plate opposite to the hand can be used, i.e., use the Right 1.3mm Wise-Lock Low profile Metacarpal Neck Plate **(12-009-06RTI)** on the left hand.

(Figure 15)

3. Proximal Screw Insertion

Drill Bit with Quick Coupling Ø2.0mm x Length 90mm **(7-114-01)** and Threaded Drill Guide Ø2.0mm **(7-114-03)** through the slot. Measure screw length using the Depth Gauge for Ø2.3mm Screw **(7-114-04)**. Stardrive Shaft, T6 **(7-095-22)**, secure the plate to the bone with a 2.3mm Low profile Screw, Star Head **(12-018-05TI to 12-018-20TI).**

(Figure 16)

1.3mm Wise-Lock Low profile Metacarpal Neck Plate Surgical Technique

4. Distal Cluster Screw Preparation

Drill Bit with Quick Coupling Ø1.1mm x Length 90mm **(7-113-01)** and Threaded Drill Guide Ø1.1mm **(7-113-03).** Measure screw length using the Depth Gauge for Ø1.5mm Screw **(7-113-04).**

(Figure 17)

5. Screw Insertion

The Stardrive Shaft, T6 **(7-095-22),** insert the 1.5mm Wise-Lock Low profile Screw **(12-015-05TI to 12-015-20TI)** in the distal oblique holes. For maximum stabilization, the use of all of the distal oblique holes is recommended. Finish drilling, measuring, and installing the remaining proximal shaft holes with 2.3mm Wise-Lock Low profile Screw **(12-017-05TI to 12-017-20TI).**

(Figure 18)

6. Closure and Postoperative Protocol

Postoperative care is at the discretion of the surgeon.
The following protocol is provided as an example.

Perform a thorough radiographic evaluation checking fragment reduction, alignment, and screw placement. Verify that there is no gap between the bone and the plate in the lateral view. Close the wound and support the wrist according to bone quality and stability. Allow for early functional use of the hand and start immediate finger range of motion and forearm rotation postoperatively.

(Figure 19)

1.3mm Wise-Lock Low Profile Rotational Correction Plate Surgical Technique

1. Exposure

The patient's forearm is pronated and positioned to expose the surgical site. Make the appropriate incision; retract tendons, taking care to protect nerve fibers and blood vessels.

(Figure 20)

2. Osteotomy Cut

Place the Osteotomy Guide for Low Profile Hand System **(7-095-10)** on the base of the metacarpal requiring the osteotomy. Use two Kirschner Wire, Ø1.2mm x Length 150mm **(7-095-16)** for the proximal side and one Kirschner Wire, Ø1.6mm x Length 150mm **(7-095-17)** for the distal side to secure the cutting guide to the bone. Bend or cut the two proximal K-wires to minimize interference with the saw blade. Perform the cut under thorough irrigation. Remove the two proximal K-wires, then slide the guide off the distal Kirschner Wire, Ø1.6mm x Length 150mm

(Figure 21)

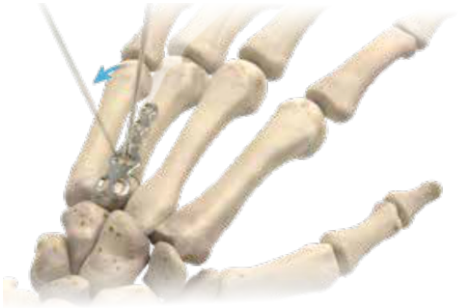
Note: The distal Kirschner Wire, Ø1.6mm x Length 150mm will be used for rotational correction.

(Figure 22)

1.3mm Wise-Lock Low Profile Rotational Correction Plate Surgical Technique

3. Plate Placement and Rotational Correction

Position the 1.3mm Wise-Lock Low Profile Rotational Correction Plate **(12-014-06TI)** by sliding it over the guide wire. Perform rotational correction using the Kirschner Wire, Ø1.6mm x Length 150mm **(7-095-17)**.



(Figure 22)

4. Distal Screw Insertion

Drill, measure, and insert the three 2.3mm Wise-Lock Low profile Screw **(12-017-05TI to 12-017-20TI)** in the distal end of the plate with the Drill Bit with Quick Coupling Ø2.0mm x Length 90mm **(7-114-01)**.

(Figure 23)

Remove the Kirschner Wire, Ø1.6mm x Length 150mm **(7-095-17)** and open up the hole left with the Drill Bit with Quick Coupling Ø2.0mm x Length 90mm **(7-114-01)** and Threaded Drill Guide Ø2.0mm **(7-114-03)**. Measure for and insert either a 2.3mm Low profile Screw, **(12-018-05TI to 12-018-20TI)** or 2.3mm Wise-Lock Low profile Screw **(12-017-05TI to 12-017-20TI)** into this slot.

(Figure 24)

5. Osteotomy Compression

Manually compress the osteotomy site.

(Figure 25)

1.3mm Wise-Lock Low Profile Rotational Correction Plate Surgical Technique

6. Proximal Screw Insertion

Drill with the Drill Bit with Quick Coupling Ø2.0mm x Length 90mm **(7-114-01)** and Threaded Drill Guide Ø2.0mm **(7-114-03)**. Measure and insert either two 2.3mm Low profile Screw **(12-018-05TI to 12-018-20TI)** or 2.3mm Wise-Lock Low profile Screw **(12-017-05TI to 12-017-20TI)** into the holes, using a Stardrive Shaft, T6 **(7-095-22)** and Depth Gauge for Ø2.3mm Screw **(7-114-04).**

(Figure 26)

7. Closure and Postoperative Protocol

Postoperative care is at the discretion of the surgeon.
The following protocol is provided as an example.

Perform a thorough radiographic evaluation to check fragment reduction, alignment, and screw placement. Verify that there is no gap between the bone and the plate in the lateral view. Close the wound and support the wrist according to bone quality and stability. Allow for early functional use of the hand and start immediate finger range of motion and forearm rotation postoperatively.

(Figure 27)

1.3mm Wise-Lock Low Profile Rolando Fracture Hook Plate Surgical Technique

1. Exposure

The patient's forearm is pronated and positioned to expose the surgical site. Make the appropriate incision; retract tendons, taking care to protect nerve fibers and blood vessels.

(Figure 28)

2. Fracture Reduction and Plate Placement

Reduce the fracture using manual techniques; provisional stability can be achieved with K-wires and evaluated under fluoroscopy.

After reduction and stabilization, the 1.3mm Wise-Lock Low Profile Rolando Fracture Hook Plate **(12-013-07TI)** is positioned dorsally on the first metacarpal just distal to the ligamentous attachments with the Single Pointed Reduction Forceps, or guide wires.

(Figure 29)

3. Drilling Distal Screw Hole

Begin by drilling for the distal screw slot by using the Drill Bit with Quick Coupling Ø2.0mm x Length 90mm **(7-114-01)** and Threaded Drill Guide Ø2.0mm **(7-114-03)**.

Note: The prongs on the proximal end of the 1.3mm Wise-Lock Low Profile Rolando Fracture Hook Plate should contact the dorsal surface of the abductor pollicis longus (APL) tendon and support comminution of the base of the first metacarpal. These prongs are not intended to compress the APL tendon down to the bone and a gap may be visible between the plate prongs and the bone on X-ray.

(Figure 30)

1.3mm Wise-Lock Low Profile Rolando Fracture Hook Plate Surgical Technique

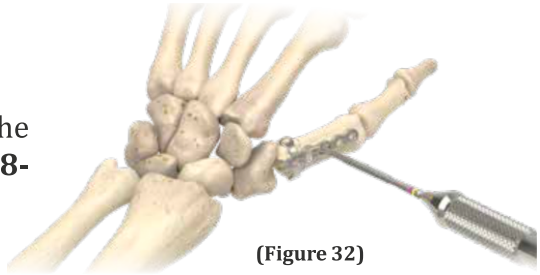
4. Determining Screw Length

Measure screw length using the Depth Gauge for Ø2.3mm Screw **(7-114-04)**.

(Figure 31)

5. Screw Insertion

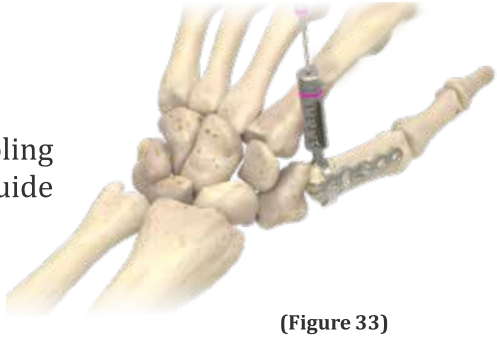
Using the Stardrive Shaft, T6 **(7-095-22)**, secure the plate to the bone with a 2.3mm Low profile Screw **(12-018-05TI to 12-018-20TI).**



(Figure 32)

6. Drilling Proximal Holes

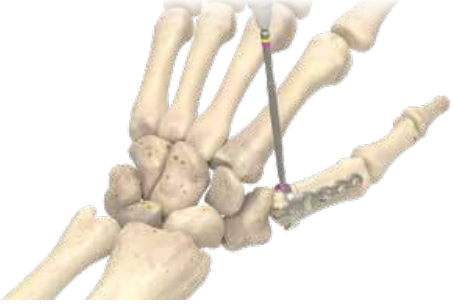
Drill the proximal holes with the 1Drill Bit with Quick Coupling Ø1.1mm x Length 90mm **(7-113-01)** and Threaded Drill Guide Ø1.1mm **(7-113-03)** and measure the screw length.



(Figure 33)

7. Proximal Screw Insertion

Using the Stardrive Shaft, T6 **(7-114-03)**, insert the 1.5mm Wise-Lock Low profile Screw **(12-015-05TI to 12-015-20TI)** into the proximal screw cluster. To maximize stabilization, the use of all proximal holes is recommended.



(Figure 34)

1.3mm Wise-Lock Low Profile Rolando Fracture Hook Plate Surgical Technique

8. Final Screw Insertion

Finish drilling, measuring, and installing the remaining distal shaft holes with 2.3mm Wise-Lock Low profile Screw **(12-017-05TI to 12-017-20TI**), and install a 2.3mm Low profile Screw **(12-018-05TI to 12-018-20TI**) in the proximal slot.

(Figure 35)

9. Closure and Postoperative Protocol

Postoperative care is at the discretion of the surgeon; the following protocol is provided as an example. Perform a thorough radiographic evaluation to check fragment reduction, alignment, and screw placement. Verify that there is no gap between the bone and the plate in the lateral view. Close the wound and support the wrist according to bone quality and stability. Allow for early functional use of the hand and start immediate finger range of motion and forearm rotation postoperatively.

0.8 mm Avulsion Hook Plate Surgical Technique

1. Exposure and Fracture Reduction

The patient's forearm is pronated and positioned to expose the surgical site. Make the appropriate incision; retract tendons, taking care to protect nerve fibers and blood vessels.

Reduce the fracture using manual techniques; provisional stability can be achieved with K-wires and evaluated under fluoroscopy.

(Figure 36)

2. Plate Placement

After reduction and stabilization, the 0.8mm Wise-Lock Low profile Avulsion Fracture Plate **(12-001-02TI)** is positioned dorsally, medially, or laterally using the Single Pointed Reduction Forceps. Determine if a 1.5mm Wise-Lock Low profile Screw (**12-015-05TI to 12-015-20TI)** or 2.3mm Wise-Lock Low profile Screw **(12-017-05TI to 12-017-20TI)** is desired.

(Figure 37)

3. Drilling and Determining Screw Length

Drill with the Drill Bit with Quick Coupling Ø1.1mm x Length 90mm **(7-113-01)** or Drill Bit with Quick Coupling Ø2.0mm x Length 90mm **(7-114-01)** and corresponding Threaded Drill Guide Ø2.0mm **(7-114-03)** through the screw hole. Measure screw length using the appropriate Depth Gauge for Ø1.5mm Screw **(7-113-04)** or Depth Gauge for Ø2.3mm Screw **(7-114-04).**

(Figure 38)

4. Screw Insertion

Using the Stardrive Shaft, T6 **(7-095-22)**, secure the plate to the bone with a 1.5mm Wise-Lock Low profile Screw 2.3mm **(12-015-05TI to 12-015-20TI)** or Wise-Lock Low profile Screw **(12-017-05TI to 12-017-20TI).**

(Figure 39)

0.8 mm Avulsion Hook Plate Surgical Technique

5. Closure and Postoperative Protocol

Postoperative care is at the discretion of the surgeon; the following protocol is provided as an example. Perform a thorough radiographic evaluation to check fragment reduction, alignment, and screw placement. Verify that there is no gap between the bone and the plate in the lateral view. Close the wound and support the wrist according to bone quality and stability. Allow for early functional use of the hand and start immediate finger range of motion and forearm rotation postoperatively.

(Figure 40)

0.8mm Wise-Lock Low profile Avulsion Fracture Plate

Code	Holes	
12-001-02TI	2	Titanium

0.8mm Wise-Lock Low profile Straight Plate

Code	Holes	
12-002-03TI	3	Titanium
12-002-04TI	4	Titanium
12-002-05TI	5	Titanium
12-002-06TI	6	Titanium
12-002-07TI	7	Titanium
12-002-10TI	10	Titanium

0.8mm Wise-Lock Low profile Curved Medial/Lateral Plate

Code	Holes	
12-003-09TI	9	Titanium

0.8mm Wise-Lock Low profile Curved Medial/Lateral Plate, Short

Code	Holes	
12-004-04LTI	4	Titanium
12-004-04RTI	4	Titanium
12-004-05LTI	5	Titanium
12-004-05RTI	5	Titanium
12-004-06LTI	6	Titanium
12-004-06RTI	6	Titanium

0.8mm Wise-Lock Low profile Compression Plate

Code	Holes	
12-005-04TI	4	Titanium
12-005-05TI	5	Titanium
12-005-06TI	6	Titanium

0.8mm Wise-Lock Low profile T-Plate

Code	Holes	
12-006-05TI	5	Titanium
12-006-06TI	6	Titanium
12-006-08TI	8	Titanium
12-006-012TI	12	Titanium

0.8mm Wise-Lock Low profile L-Plate

Code	Holes	
12-007-04LTI	4	Titanium
12-007-04RTI	4	Titanium
12-007-06LTI	6	Titanium
12-007-06RTI	6	Titanium
12-007-08LTI	8	Titanium
12-007-08RTI	8	Titanium

0.8mm Wise-Lock Low profile Offset Plate

Code	Holes	
12-008-04TI	4	Titanium
12-008-06TI	6	Titanium
12-008-10TI	10	Titanium

1.5mm Wise-Lock Low profile Screw, Star Head

Code	Length (mm)	
12-015-05TI	5	Titanium
12-015-06TI	6	Titanium
12-015-07TI	7	Titanium
12-015-08TI	8	Titanium
12-015-09TI	9	Titanium
12-015-10TI	10	Titanium
12-015-11TI	11	Titanium
12-015-12TI	12	Titanium
12-015-13TI	13	Titanium
12-015-14TI	14	Titanium
12-015-16TI	16	Titanium
12-015-18TI	18	Titanium
12-015-20TI	20	Titanium

1.5mm Low profile Screw, Star Head

Code	Length (mm)	
12-016-05TI	5	Titanium
12-016-06TI	6	Titanium
12-016-07TI	7	Titanium
12-016-08TI	8	Titanium
12-016-09TI	9	Titanium
12-016-10TI	10	Titanium
12-016-11TI	11	Titanium
12-016-12TI	12	Titanium
12-016-13TI	13	Titanium
12-016-14TI	14	Titanium
12-016-16TI	16	Titanium
12-016-18TI	18	Titanium
12-016-20TI	20	Titanium

2.3mm Wise-Lock Low profile Screw, Star Head

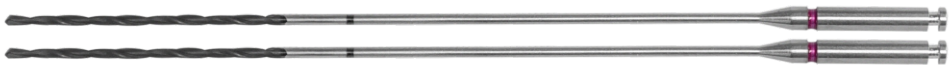
Code	Length (mm)	
12-017-05TI	5	Titanium
12-017-06TI	6	Titanium
12-017-07TI	7	Titanium
12-017-08TI	8	Titanium
12-017-09TI	9	Titanium
12-017-10TI	10	Titanium
12-017-11TI	11	Titanium
12-017-12TI	12	Titanium
12-017-13TI	13	Titanium
12-017-14TI	14	Titanium
12-017-16TI	16	Titanium
12-017-18TI	18	Titanium
12-017-20TI	20	Titanium

2.3mm Low profile Screw, Star Head

Code	Length (mm)	
12-018-05TI	5	Titanium
12-018-06TI	6	Titanium
12-018-07TI	7	Titanium
12-018-08TI	8	Titanium
12-018-09TI	9	Titanium
12-018-10TI	10	Titanium
12-018-11TI	11	Titanium
12-018-12TI	12	Titanium
12-018-13TI	13	Titanium
12-018-14TI	14	Titanium
12-018-16TI	16	Titanium
12-018-18TI	18	Titanium
12-018-20TI	20	Titanium

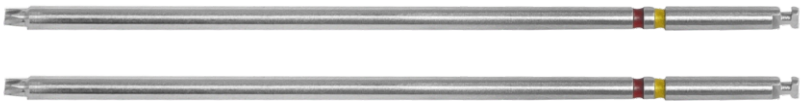
7-113-01 Drill Bit with Quick Coupling Ø1.1mm x Length 90mm

7-113-02 Drill Bit with AO Coupling Ø1.1mm x Length 90mm



7-113-03 Threaded Drill Guide Ø1.1mm

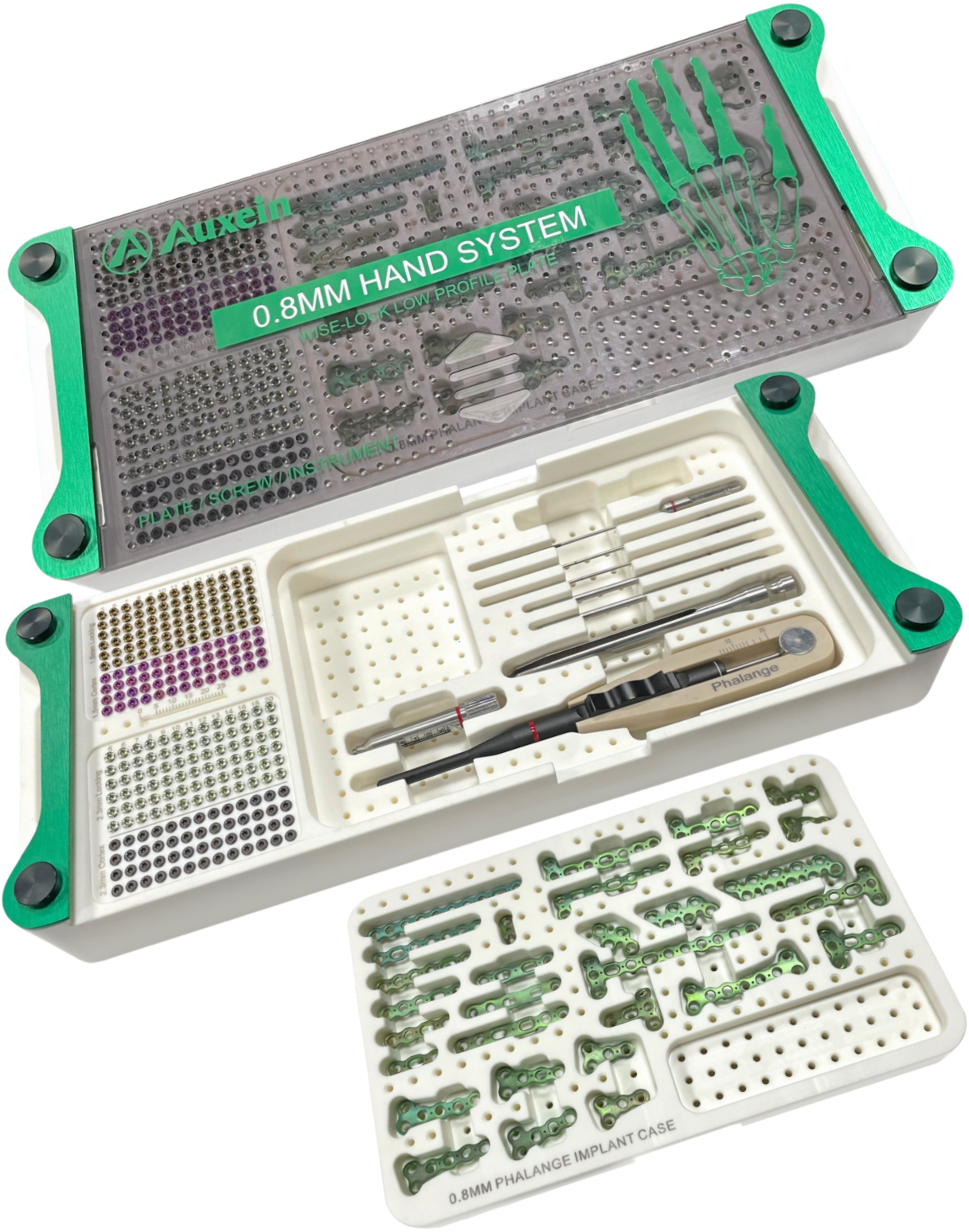
7-095-22 Stardrive Shaft, T6



7-095-23 Plate Positioner 0.8/1.3mm

7-113-04 Depth Gauge for Ø1.5mm Screw

7-113 0.8 mm Phalange Implant and Instrument Case



7-113 0.8 mm Phalange Implant and Instrument Case

Plates

Code	Set Consisting of	Holes	Units
12-001-02TI	0.8mm Wise-Lock Low profile Avulsion Fracture Plate	2	1
12-002-03TI	0.8mm Wise-Lock Low profile Straight Plate	3	1
12-002-04TI	0.8mm Wise-Lock Low profile Straight Plate	4	1
12-002-05TI	0.8mm Wise-Lock Low profile Straight Plate	5	1
12-002-06TI	0.8mm Wise-Lock Low profile Straight Plate	6	1
12-002-07TI	0.8mm Wise-Lock Low profile Straight Plate	7	1
12-002-10TI	0.8mm Wise-Lock Low profile Straight Plate	10	1
12-003-09TI	0.8mm Wise-Lock Low profile Curved Medial/Lateral Plate	9	1
12-004-04LTI	0.8mm Wise-Lock Low profile Curved Medial/Lateral Plate, Short, left	4	1
12-004-04RTI	0.8mm Wise-Lock Low profile Curved Medial/Lateral Plate, Short, right	4	1
12-004-05LTI	0.8mm Wise-Lock Low profile Curved Medial/Lateral Plate, Short, left	5	1
12-004-05RTI	0.8mm Wise-Lock Low profile Curved Medial/Lateral Plate, Short, right	5	1
12-004-06LTI	0.8mm Wise-Lock Low profile Curved Medial/Lateral Plate, Short, left	6	1
12-004-06RTI	0.8mm Wise-Lock Low profile Curved Medial/Lateral Plate, Short, right	6	1
12-005-04TI	0.8mm Wise-Lock Low profile Compression Plate	4	1
12-005-05TI	0.8mm Wise-Lock Low profile Compression Plate	5	1
12-005-06TI	0.8mm Wise-Lock Low profile Compression Plate	6	1
12-006-05TI	0.8mm Wise-Lock Low profile T-Plate	5	1
12-006-06TI	0.8mm Wise-Lock Low profile T-Plate	6	1
12-006-08TI	0.8mm Wise-Lock Low profile T-Plate	8	1
12-006-012TI	0.8mm Wise-Lock Low profile T-Plate	12	1
12-007-04LTI	0.8mm Wise-Lock Low profile L-Plate, left	4	1
12-007-04RTI	0.8mm Wise-Lock Low profile L-Plate, right	4	1
12-007-06LTI	0.8mm Wise-Lock Low profile L-Plate, left	6	1
12-007-06RTI	0.8mm Wise-Lock Low profile L-Plate, right	6	1
12-007-08LTI	0.8mm Wise-Lock Low profile L-Plate, left	8	1
12-007-08RTI	0.8mm Wise-Lock Low profile L-Plate, right	8	1
12-008-04TI	0.8mm Wise-Lock Low profile Offset Plate	4	1
12-008-06TI	0.8mm Wise-Lock Low profile Offset Plate	6	1
12-008-10TI	0.8mm Wise-Lock Low profile Offset Plate	10	1

Screws

Set Consisting of	Length	Units
1.5mm Wise-Lock Low profile screw	5mm to 20mm	6
1.5mm Low profile screw	5mm to 20mm	4
2.3mm Wise-Lock Low profile screw	5mm to 20mm	6
2.3mm Low profile screw	5mm to 20mm	4

Instruments

Code	Set Consisting of	Units
7-113-01	Drill Bit with Quick Coupling Ø1.1mm x Length 90mm	1
7-113-02	Drill Bit with AO Coupling Ø1.1mm x Length 90mm	2
7-113-03	Threaded Drill Guide Ø1.1mm	1
7-095-22	Stardrive Shaft, T6	2
7-095-23	Plate Positioner 0.8/1.3mm	1
7-113-04	Depth Gauge for Ø1.5mm Screw	1

1.3mm Wise-Lock Low profile Metacarpal Neck Plate

Code	Holes	
12-009-06LTI	6	Titanium
12-009-06RTI	6	Titanium

1.3mm Wise-Lock Low profile Compression Plate

Code	Holes	
12-010-04TI	4	Titanium
12-010-05TI	5	Titanium
12-010-06TI	6	Titanium

1.3mm Wise-Lock Low profile Straight Plate

Code	Holes	
12-011-03TI	3	Titanium
12-011-04TI	4	Titanium
12-011-05TI	5	Titanium
12-011-06TI	6	Titanium
12-011-07TI	7	Titanium
12-011-10TI	10	Titanium

1.3mm Wise-Lock Low profile T-Plate

Code	Holes	
12-012-04TI	4	Titanium
12-012-05TI	5	Titanium
12-012-06TI	6	Titanium
12-012-07TI	7	Titanium
12-012-08TI	8	Titanium
12-012-11TI	11	Titanium

1.3mm Wise-Lock Low Profile Rolando Fracture Hook Plate

Code	Holes	
12-013-07TI	7	Titanium

1.3mm Wise-Lock Low Profile Rotational Correction Plate

Code	Holes	
12-014-06TI	6	Titanium

1.5mm Wise-Lock Low profile Screw, Star Head

Code	Length (mm)	
12-015-05TI	5	Titanium
12-015-06TI	6	Titanium
12-015-07TI	7	Titanium
12-015-08TI	8	Titanium
12-015-09TI	9	Titanium
12-015-10TI	10	Titanium
12-015-11TI	11	Titanium
12-015-12TI	12	Titanium
12-015-13TI	13	Titanium
12-015-14TI	14	Titanium
12-015-16TI	16	Titanium
12-015-18TI	18	Titanium
12-015-20TI	20	Titanium

1.5mm Low profile Screw, Star Head

Code	Length (mm)	
12-016-05TI	5	Titanium
12-016-06TI	6	Titanium
12-016-07TI	7	Titanium
12-016-08TI	8	Titanium
12-016-09TI	9	Titanium
12-016-10TI	10	Titanium
12-016-11TI	11	Titanium
12-016-12TI	12	Titanium
12-016-13TI	13	Titanium
12-016-14TI	14	Titanium
12-016-16TI	16	Titanium
12-016-18TI	18	Titanium
12-016-20TI	20	Titanium

2.3mm Wise-Lock Low profile Screw, Star Head

Code	Length (mm)	
12-017-05TI	5	Titanium
12-017-06TI	6	Titanium
12-017-07TI	7	Titanium
12-017-08TI	8	Titanium
12-017-09TI	9	Titanium
12-017-10TI	10	Titanium
12-017-11TI	11	Titanium
12-017-12TI	12	Titanium
12-017-13TI	13	Titanium
12-017-14TI	14	Titanium
12-017-16TI	16	Titanium
12-017-18TI	18	Titanium
12-017-20TI	20	Titanium

2.3mm Low profile Screw, Star Head

Code	Length (mm)	
12-018-05TI	5	Titanium
12-018-06TI	6	Titanium
12-018-07TI	7	Titanium
12-018-08TI	8	Titanium
12-018-09TI	9	Titanium
12-018-10TI	10	Titanium
12-018-11TI	11	Titanium
12-018-12TI	12	Titanium
12-018-13TI	13	Titanium
12-018-14TI	14	Titanium
12-018-16TI	16	Titanium
12-018-18TI	18	Titanium
12-018-20TI	20	Titanium

7-114-01 Drill Bit with Quick Coupling Ø2.0mm x Length 90mm

7-114-02 Drill Bit with AO Coupling Ø2.0mm x Length 90mm

7-114-03 Threaded Drill Guide Ø2.0mm

7-095-22 Stardrive Shaft, T6

7-095-23 Plate Positioner 0.8/1.3mm

7-114-04 Depth Gauge for Ø2.3mm Screw

7-114 1.3 mm Metacarpal Implant and Instrument Case

7-114 1.3 mm Metacarpal Implant and Instrument Case

Plates

Code	Set Consisting of	Holes	Units
12-009-06LTI	1.3mm Wise-Lock Low profile Metacarpal Neck Plate, Left	6	1
12-009-06RTI	1.3mm Wise-Lock Low profile Metacarpal Neck Plate, Right	6	1
12-010-04TI	1.3mm Wise-Lock Low profile Compression Plate	4	1
12-010-05TI	1.3mm Wise-Lock Low profile Compression Plate	5	1
12-010-06TI	1.3mm Wise-Lock Low profile Compression Plate	6	1
12-011-03TI	1.3mm Wise-Lock Low profile Straight Plate	3	1
12-011-04TI	1.3mm Wise-Lock Low profile Straight Plate	4	1
12-011-05TI	1.3mm Wise-Lock Low profile Straight Plate	5	1
12-011-06TI	1.3mm Wise-Lock Low profile Straight Plate	6	1
12-011-07TI	1.3mm Wise-Lock Low profile Straight Plate	7	1
12-011-10TI	1.3mm Wise-Lock Low profile Straight Plate	10	1
12-012-04TI	1.3mm Wise-Lock Low profile T-Plate	4	1
12-012-05TI	1.3mm Wise-Lock Low profile T-Plate	5	1
12-012-06TI	1.3mm Wise-Lock Low profile T-Plate	6	1
12-012-07TI	1.3mm Wise-Lock Low profile T-Plate	7	1
12-012-08TI	1.3mm Wise-Lock Low profile T-Plate	8	1
12-012-11TI	1.3mm Wise-Lock Low profile T-Plate	11	1
12-013-07TI	1.3mm Wise-Lock Low profile Rolando Fracture Hook Plate	7	1
12-014-06TI	1.3mm Wise-Lock Low profile Rotational Correction Plate	6	1

Screws

Set Consisting of	Length	Units
1.5mm Wise-Lock Low profile screw	5mm to 20mm	6
1.5mm Low profile screw	5mm to 20mm	4
2.3mm Wise-Lock Low profile screw	5mm to 20mm	6
2.3mm Low profile screw	5mm to 20mm	4

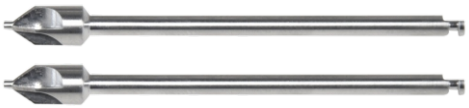
Instruments

Code	Set Consisting of	Units
7-114-01	Ø2.0mm Drill Bit x Length 90mm with Quick Coupling	1
7-114-02	Ø2.0mm Drill Bit x Length 90mm with AO Coupling	2
7-114-03	Ø2.0mm Drill Guide	1
7-095-22	T6 Stardrive Shaft	2
7-095-23	0.8/1.3mm Plate Positioner	1
7-114-04	Depth Gauge for Ø2.3mm Screw	1

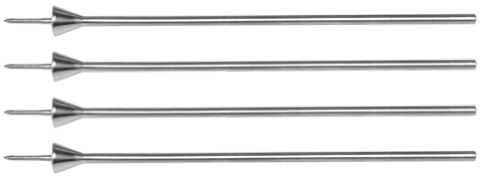
7-095-01 Bending Pliers for Low Profile Hand System

7-095-02 Double Periosteal Elevator, Flat, for Low Profile Hand System

7-095-03 Countersink for Low Profile Hand System



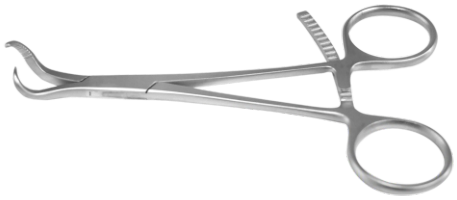
7-095-04 Position Pin for Low Profile Hand System



7-095-05 Retractor for Low Profile Hand System

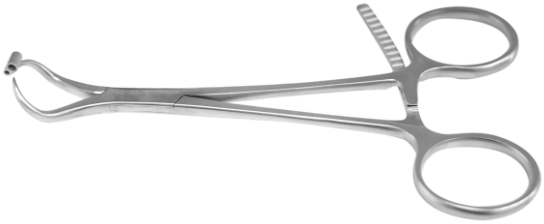
7-095-06 Cleaning Hook for Low Profile Hand System

7-095-07 Bone Forcep 1.1/2.0 for Low Profile Hand System



7-095-08 Reduction Forcep with Points, for Low Profile Hand System

7-095-09 Reduction Forcep for Low Profile Hand System



7-095-10 Osteotomy Guide for Low Profile Hand System

7-095-11 Distractor for Low Profile Hand System

7-095-12 Kirschner Wire with Threaded Trocar Tip, Ø1.0mm x Thread Length 19mm x Length 150mm

7-095-13 Kirschner Wire with Threaded Trocar Tip, Ø1.2mm x Thread Length 19mm x Length 150mm

7-095-14 Kirschner Wire with Threaded Trocar Tip, Ø1.6mm x Thread Length 19mm x Length 150mm

7-095-15 Kirschner Wire, Ø1.0mm x Length 150mm

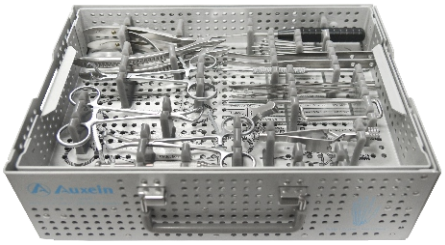
7-095-16 Kirschner Wire, Ø1.2mm x Length 150mm

7-095-17 Kirschner Wire, Ø1.6mm x Length 150mm

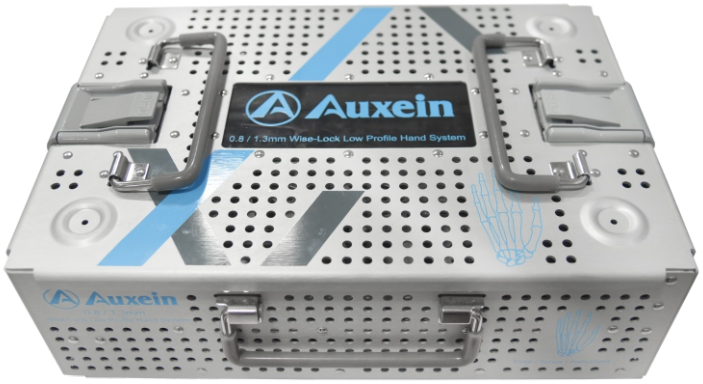
7-095-18 Handle with Mini Quick Coupling for Low Profile Hand System

7-095-19 Mini Quick Coupling (AO) for Low Profile Hand System

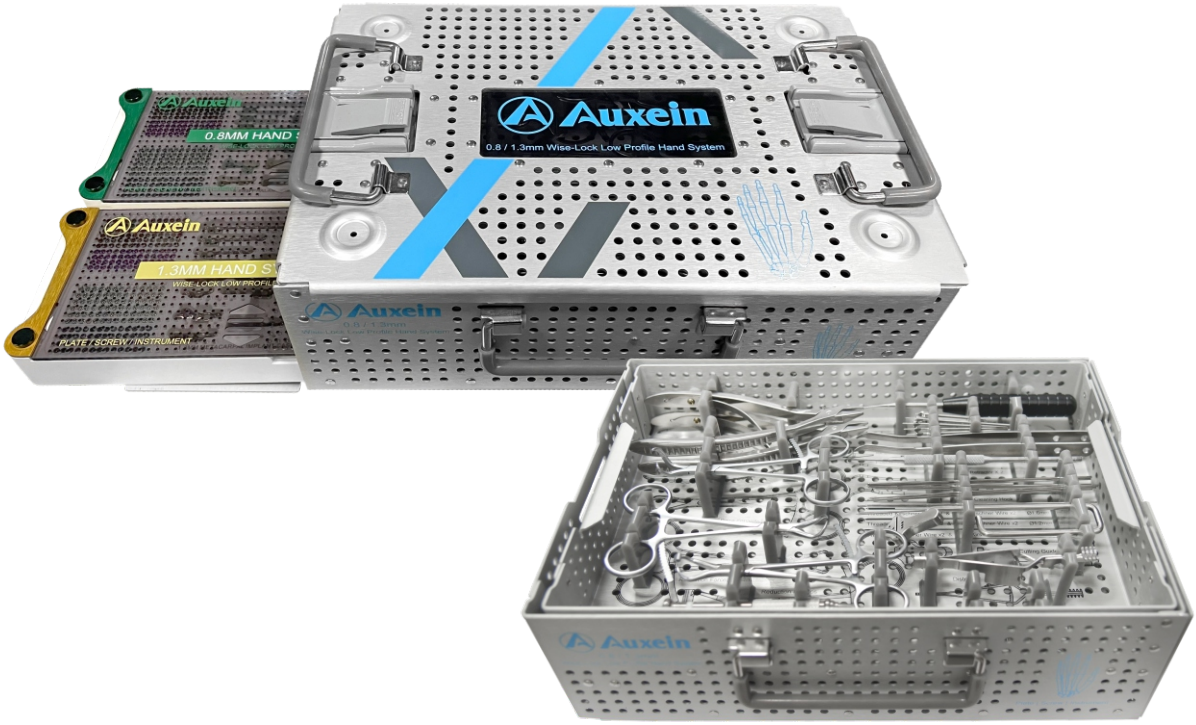
7-095-20 Instrument Trays for 0.8-1.3mm Low Profile Hand Instrument Set



7-095-21 Container for 0.8-1.3mm Low Profile Hand Instrument Set



7-095 0.8-1.3mm Low Profile Hand System Instrument Set



Item Code	Item Name	Unit
7-095-01	Bending Pliers for Low Profile Hand System	2
7-095-02	Double Periosteal Elevator, Flat, for Low Profile Hand System	1
7-095-03	Countersink for Low Profile Hand System	2
7-095-04	Position Pin for Low Profile Hand System	4
7-095-05	Retractor for Low Profile Hand System	2
7-095-06	Cleaning Hook for Low Profile Hand System	1
7-095-07	Bone Forcep 1.1/2.0 for Low Profile Hand System	1
7-095-08	Reduction Forcep with Points, for Low Profile Hand System	1
7-095-09	Reduction Forcep for Low Profile Hand System	1
7-095-10	Osteotomy Guide for Low Profile Hand System	1
7-095-11	Distractor for Low Profile Hand System	1
7-095-12	Kirschner Wire with Threaded Trocar Tip, Ø1.0mm x Thread Length 19mm x Length 150mm	2
7-095-13	Kirschner Wire with Threaded Trocar Tip, Ø1.2mm x Thread Length 19mm x Length 150mm	2
7-095-14	Kirschner Wire with Threaded Trocar Tip, Ø1.6mm x Thread Length 19mm x Length 150mm	2
7-095-15	Kirschner Wire, Ø1.0mm x Length 150mm	2
7-095-16	Kirschner Wire, Ø1.2mm x Length 150mm	2
7-095-17	Kirschner Wire, Ø1.6mm x Length 150mm	2
7-095-18	Handle with Mini Quick Coupling for Low Profile Hand System	1
7-095-19	Mini Quick Coupling (AO) for Low Profile Hand System	1
7-095-20	Instrument Trays for 0.8-1.3mm Low Profile Hand Instrument Set	1
7-095-21	Container for 0.8-1.3mm Low Profile Hand Instrument Set	1

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