



VARIABLE ANGLE

WISE-LOCK STSTEM

Orthopaedic Implants

GOING STRONG
GROWING STRONGER





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 innovator products that exceed the highest expectations of our customers in term of quality and safety. The company has world-class manufacturing unit established in India and serves customers in over 60 countries worldwide.

Our Achievements

- **US FDA 510K APPROVED**
(Locking Plates and Screws)
- EC Certificate - Class 11b
- EC Certificate - Class 11a
- ISO 13485:2003/NS-
EN ISO 13485:2012
- ISO 9001:2008
- India FDA Approved
- GMP Certificate

2.4 MM VARIABLE ANGLE WISE-LOCK DISTAL RADIUS SYSTEM

Plate Features

Three Head sizes accommodate patient anatomy.

- Narrow
6-Hole Head (19.5mm)
- Standard
6-Hole Head (22mm)
7-Hole Head (22.5mm)
- Anatomically contoured volar distal radius plates designed to address both simple and complex fractures
- Variable angle wise-lock holes in the head of the plate combined with variable angle locking screws offer a locked construct to support the articular surface and reduce the need for bone graft
- Manufactured in Titanium

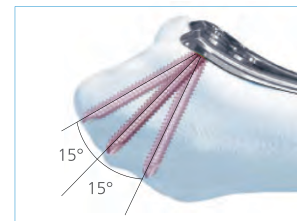


Figure 2



Figure 3

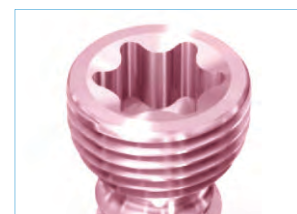
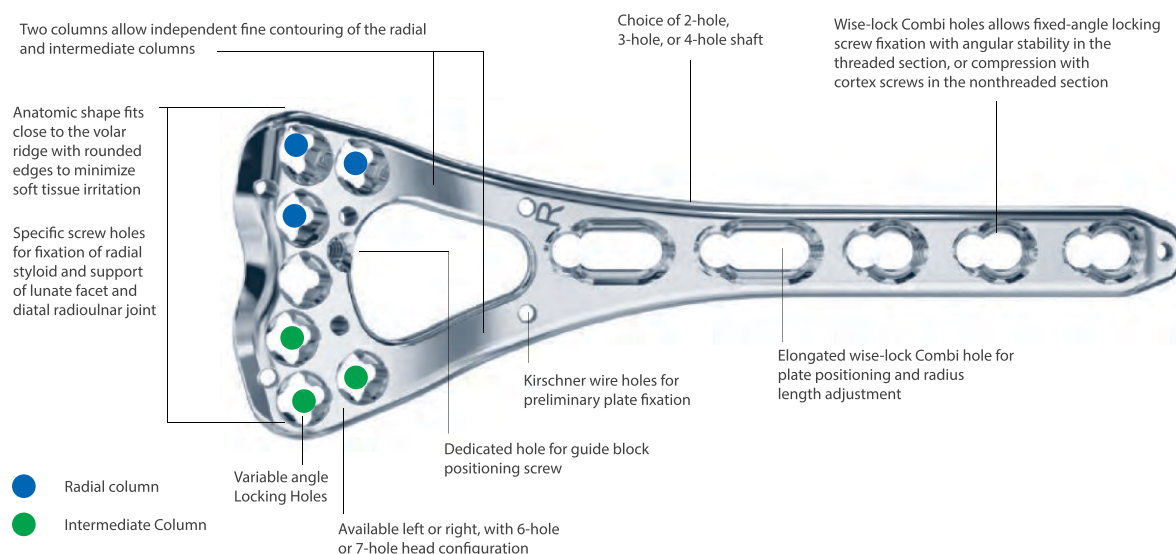


Figure 4

Variable Angle Locking

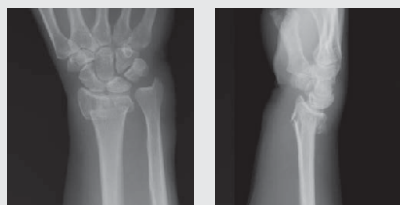
- Screws can be angled anywhere within 30° cone around the central axis of the plate hole (Figure 1)
- Four columns of threads in the variable angle locking hole provide four points of threaded locking between the variable angle wise-lock plate and the variable angle wise-lock screw, forming a fixed-angle construct at the desired screw angle (Figure 3)
- The Head of the 2.4mm variable angle wise-lock screw has a rounded shape to facilitate various angles within the locking hole (Figure 4)

2.4mm Variable Angle Wise-Lock Two-Column Volar Distal Radius Plate



INDICATIONS

The 2.4mm Variable Angle Wise-lock Distal Radius Plates are indicated for fixation of complex intra- and extra-articular fractures and osteotomies of the distal radius and other small bones in adults, skeletally mature adolescents, and the following adolescent distal radius fractures:



- intra-articular fractures exiting the epiphysis
- intra-articular fractures exiting the metaphysis
- physeal crush injuries
- any injuries which cause growth arrest to the distal radius

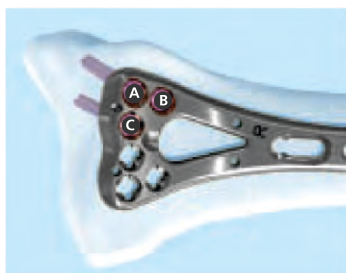
PREOPERATIVE PLANNING

Nominal screw trajectories in Variable Angle Wise-Lock Two-Column Volar Distal Radius Plates when using pre-defined angle technique

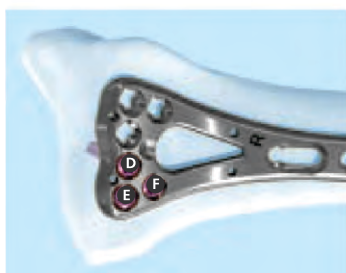
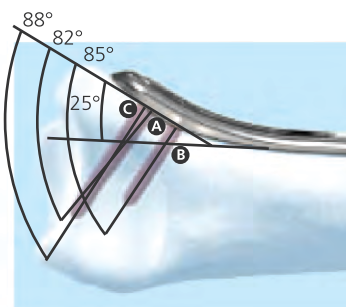
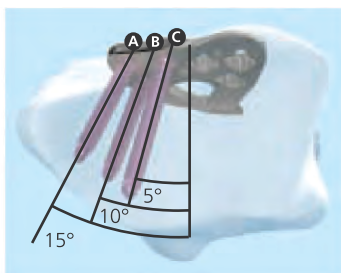
Variable Angle Wise-lock Two-Column Volar Distal Radius plates provides various locking screw options in the head of the plate to optimally support the articular surface:

- radial screws for the radial column
- ulnar screws for the intermediate column

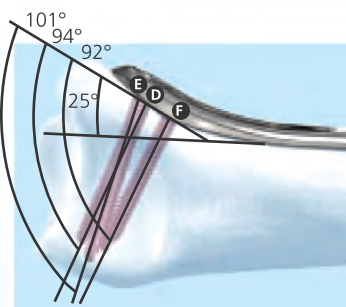
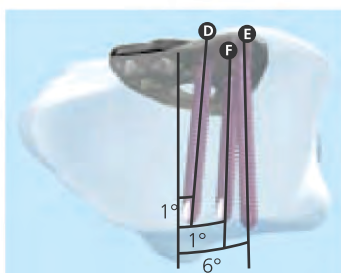
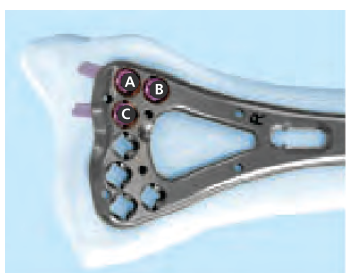
When planning the placement of screws, particularly if using the nominal angle of the trajectories (e.g., with the aid of the guiding block), refer to the charts below for reference.

Variable Angle Wise-Lock Two-Column Distal Radius Plates with 6 head holes:


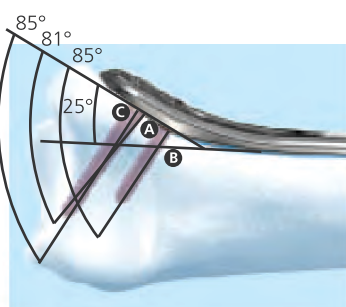
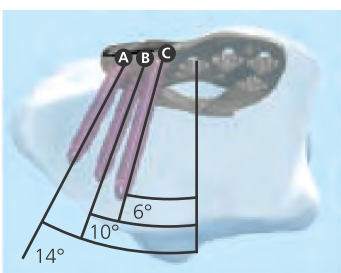
Radial screws



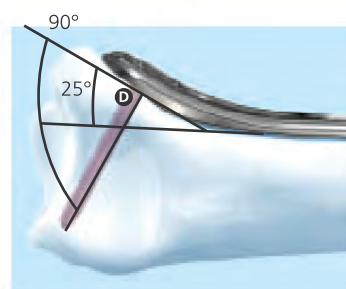
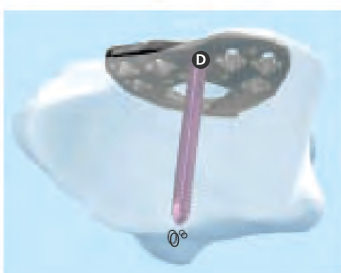
Ulnar screws


Variable Angle Wise-Lock Two-Column Distal Radius Plates with 7 head holes:


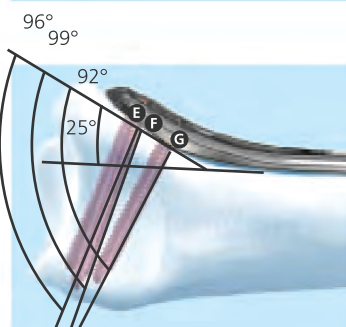
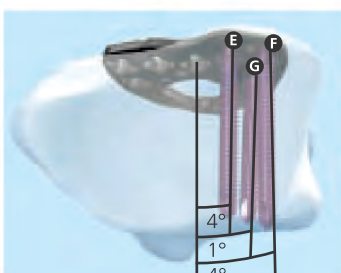
Radial screws



Ulnar screws



Ulnar screws



2.4mm Wise-Lock Variable Angle Two-Column Volar Distal Radius Plate

2.4mm Wise-Lock Variable Angle Two-Column Volar Distal Radius Plate, Narrow, 6 Head Holes, 19.5mm



Left

Code	Head Hole	Shaft Hole	Type
TI-546.002L	6	2	Left
TI-546.003L	6	3	Left
TI-546.004L	6	4	Left
TI-546.005L	6	5	Left



Right

Code	Head Hole	Shaft Hole	Type
TI-546.002R	6	2	Right
TI-546.003R	6	3	Right
TI-546.004R	6	4	Right
TI-546.005R	6	5	Right

2.4mm Wise-Lock Variable Angle Two-Column Volar Distal Radius Plate, 6 Head Holes, 22mm



Left

Code	Head Hole	Shaft Hole	Type
TI-546.202L	6	2	Left
TI-546.203L	6	3	Left
TI-546.204L	6	4	Left
TI-546.205L	6	5	Left



Right

Code	Head Hole	Shaft Hole	Type
TI-546.202R	6	2	Right
TI-546.203R	6	3	Right
TI-546.204R	6	4	Right
TI-546.205R	6	5	Right

2.4mm Wise-Lock Variable Angle Two-Column Volar Distal Radius Plate, Standard, 7 Head Holes, 25.5mm



Left

Code	Head Hole	Shaft Hole	Type
TI-548.002L	7	2	Left
TI-548.003L	7	3	Left
TI-548.004L	7	4	Left
TI-548.005L	7	5	Left



Right

Code	Head Hole	Shaft Hole	Type
TI-548.002R	7	2	Right
TI-548.003R	7	3	Right
TI-548.004R	7	4	Right
TI-548.005R	7	5	Right

Screws

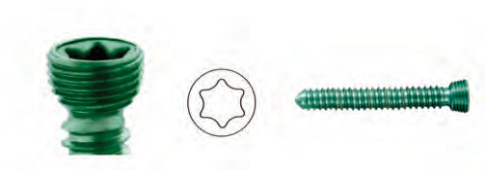
2.4mm Wise-Lock Variable Angle Screws, Self Tapping, (Star Head)

Code	Dia	Length
TI-549.006	Ø2.4	6mm
TI-549.008	Ø2.4	8mm
TI-549.010	Ø2.4	10mm
TI-549.012	Ø2.4	12mm
TI-549.014	Ø2.4	14mm
TI-549.016	Ø2.4	16mm
TI-549.018	Ø2.4	18mm
TI-549.020	Ø2.4	20mm
TI-549.022	Ø2.4	22mm
TI-549.024	Ø2.4	24mm
TI-549.026	Ø2.4	26mm
TI-549.028	Ø2.4	28mm
TI-549.030	Ø2.4	30mm



2.4mm Wise-Lock Screws, Self Tapping, (Star Head)

Code	Dia	Length
TI-1145.06	Ø2.4	6mm
TI-1145.07	Ø2.4	7mm
TI-1145.08	Ø2.4	8mm
TI-1145.09	Ø2.4	9mm
TI-1145.10	Ø2.4	10mm
TI-1145.11	Ø2.4	11mm
TI-1145.12	Ø2.4	12mm
TI-1145.13	Ø2.4	13mm
TI-1145.14	Ø2.4	14mm
TI-1145.16	Ø2.4	16mm
TI-1145.18	Ø2.4	18mm
TI-1145.20	Ø2.4	20mm
TI-1145.22	Ø2.4	22mm
TI-1145.24	Ø2.4	24mm
TI-1145.26	Ø2.4	26mm
TI-1145.28	Ø2.4	28mm
TI-1145.30	Ø2.4	30mm



2.4mm Cortical Screws, Self Tapping, (Star Head)

Code	Dia	Length
TI-1144.06	Ø2.4	6mm
TI-1144.08	Ø2.4	8mm
TI-1144.10	Ø2.4	10mm
TI-1144.12	Ø2.4	12mm
TI-1144.14	Ø2.4	14mm
TI-1144.16	Ø2.4	16mm
TI-1144.18	Ø2.4	18mm
TI-1144.20	Ø2.4	20mm
TI-1144.22	Ø2.4	22mm
TI-1144.24	Ø2.4	24mm
TI-1144.26	Ø2.4	26mm
TI-1144.28	Ø2.4	28mm
TI-1144.30	Ø2.4	30mm



2.7mm Cortical Screws, Self Tapping, (Star Head)

Code	Dia	Length
TI-1242.06	Ø2.7	6mm
TI-1242.08	Ø2.7	8mm
TI-1242.10	Ø2.7	10mm
TI-1242.12	Ø2.7	12mm
TI-1242.14	Ø2.7	14mm
TI-1242.16	Ø2.7	16mm
TI-1242.18	Ø2.7	18mm
TI-1242.20	Ø2.7	20mm
TI-1242.22	Ø2.7	22mm
TI-1242.24	Ø2.7	24mm
TI-1242.26	Ø2.7	26mm
TI-1242.28	Ø2.7	28mm
TI-1242.30	Ø2.7	30mm


IMP-1312 2.4mm Variable Angle Wise-Lock Distal Radius Implant Set


IMP-1312 Implant Set for Variable Angle

Codes	Set of Consisting of	Units
TI-546.203R	Narrow, Plates with 6 Head Holes, width Dia.22mm, Right - Shaft 3 Holes	1
TI-546.204R	Narrow, Plates with 6 Head Holes, width Dia.22mm, Right - Shaft 4 Holes	1
TI-546.205R	Narrow, Plates with 6 Head Holes, width Dia.22mm, Right - Shaft 5 Holes	1
TI-546.203L	Narrow, Plates with 6 Head Holes, width Dia.22mm, Left - Shaft 3 Holes	1
TI-546.204L	Narrow, Plates with 6 Head Holes, width Dia.22mm, Left - Shaft 4 Holes	1
TI-546.205L	Narrow, Plates with 6 Head Holes, width Dia.22mm, Left - Shaft 5 Holes	1
TI-548.003R	Narrow, Plates with 7 Head Holes, width Dia.25.5mm, Right - Shaft 3 Holes	1
TI-548.004R	Narrow, Plates with 7 Head Holes, width Dia.25.5mm, Right - Shaft 4 Holes	1
TI-548.005R	Narrow, Plates with 7 Head Holes, width Dia.25.5mm, Right - Shaft 5 Holes	1
TI-548.003L	Narrow, Plates with 7 Head Holes, width Dia.25.5mm, Left - Shaft 3 Holes	1
TI-548.004L	Narrow, Plates with 7 Head Holes, width Dia.25.5mm, Left - Shaft 4 Holes	1
TI-548.005L	Narrow, Plates with 7 Head Holes, width Dia.25.5mm, Left - Shaft 5 Holes	1

2.4mm Variable Angle Wise-Lock Screw, Self Tapping

TI-549.006	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 6mm	6
TI-549.008	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 8mm	6
TI-549.010	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 10mm	6
TI-549.012	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 12mm	6
TI-549.014	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 14mm	6
TI-549.016	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 16mm	6
TI-549.018	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 18mm	6
TI-549.020	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 20mm	6
TI-549.022	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 22mm	6
TI-549.024	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 24mm	6
TI-549.026	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 26mm	6
TI-549.028	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 28mm	6
TI-549.030	2.4mm Variable Angle Wise-Lock Screw, Self Tapping, Length 30mm	6

2.4mm Cortical Screw, Self Tapping

TI-1144.06	2.4mm Cortical Screw, Self Tapping, Length 6mm	3
TI-1144.08	2.4mm Cortical Screw, Self Tapping, Length 8mm	3
TI-1144.10	2.4mm Cortical Screw, Self Tapping, Length 10mm	3
TI-1144.12	2.4mm Cortical Screw, Self Tapping, Length 12mm	3
TI-1144.14	2.4mm Cortical Screw, Self Tapping, Length 14mm	3
TI-1144.16	2.4mm Cortical Screw, Self Tapping, Length 16mm	3
TI-1144.18	2.4mm Cortical Screw, Self Tapping, Length 18mm	3
TI-1144.20	2.4mm Cortical Screw, Self Tapping, Length 20mm	3
TI-1144.22	2.4mm Cortical Screw, Self Tapping, Length 22mm	3
TI-1144.24	2.4mm Cortical Screw, Self Tapping, Length 24mm	3
TI-1144.26	2.4mm Cortical Screw, Self Tapping, Length 26mm	3
TI-1144.28	2.4mm Cortical Screw, Self Tapping, Length 28mm	3
TI-1144.30	2.4mm Cortical Screw, Self Tapping, Length 30mm	3

2.4mm Wise-Lock Screw, Self Tapping

TI-1145.06	2.4mm Wise-Lock Screw, Self Tapping Length 6mm	5
TI-1145.07	2.4mm Wise-Lock Screw, Self Tapping Length 7mm	5
TI-1145.08	2.4mm Wise-Lock Screw, Self Tapping Length 8mm	5
TI-1145.09	2.4mm Wise-Lock Screw, Self Tapping Length 9mm	5
TI-1145.10	2.4mm Wise-Lock Screw, Self Tapping Length 10mm	5
TI-1145.11	2.4mm Wise-Lock Screw, Self Tapping Length 11mm	5
TI-1145.12	2.4mm Wise-Lock Screw, Self Tapping Length 12mm	5
TI-1145.13	2.4mm Wise-Lock Screw, Self Tapping Length 13mm	5
TI-1145.14	2.4mm Wise-Lock Screw, Self Tapping Length 14mm	5
TI-1145.16	2.4mm Wise-Lock Screw, Self Tapping Length 16mm	5
TI-1145.18	2.4mm Wise-Lock Screw, Self Tapping Length 18mm	5
TI-1145.20	2.4mm Wise-Lock Screw, Self Tapping Length 20mm	5
TI-1145.22	2.4mm Wise-Lock Screw, Self Tapping Length 22mm	5
TI-1145.24	2.4mm Wise-Lock Screw, Self Tapping Length 24mm	5
TI-1145.26	2.4mm Wise-Lock Screw, Self Tapping Length 26mm	5
TI-1145.28	2.4mm Wise-Lock Screw, Self Tapping Length 28mm	5
TI-1145.30	2.4mm Wise-Lock Screw, Self Tapping Length 30mm	5

Instruments for 2.4mm Variable Angle Wise-Lock Distal Radius System

1312-04-1.8 Drill Bit, $\Phi 1.8$



1312-05-2.0 Drill Bit, $\Phi 2.0$



1312-06-2.4 Drill Bit, $\Phi 2.4$



1312-07-2.7 Drill Bit, $\Phi 2.7$



1312-08-1.2 Guide Wire, $\Phi 1.2$



1312-09-1.2 Guide Wire with Threaded Tip, 1.2



1312-15 Double Drill Guide, $\Phi 1.8/\Phi 2.4$



1312-16 Double Drill Guide, $\Phi 2.0/\Phi 2.7$



1312-17 Depth Gauge (with protector)



1312-21 Torque limited Screwdriver, 0.8N.M



1312-22 Quick Coupling Handle



1312-01 Depth Gauge, 0-60mm



1312-29 Sharp Hook



1312-30 Guider for Vairable angle plate



1312-13-1.8 Drill Sleeve, $\Phi 1.8$



1312-11-2.7 Tap, HA2.7



1312-10-2.4 Tap, HA2.4



1312-31 Screwdriver



1312-18 Screwdriver Shaft,T8



1312-20-2.7 Screw holding Sleeve for 2.7 Cortical Screw



1312-20-2.4 Screw holding Sleeve for 2.4 Cortical Screw



1312-30-2.4 Screw holding Sleeve for 2.4 Wise lock Screw



1312-02 T-Handle with Quick Coupling



1312-03-15.5 Retractor, 15.5mm



1312-22-6.5 Retractor, 6.5mm



1312-23 Double Periosteal Elevator, Round



1312-24 Double Periosteal Elevator, Flat



1312-25 Reduction Forceps with Points, Small



1312-26 Reduction Forceps with Points, Large



1312-27 Reduction Forceps with Points, Serrated



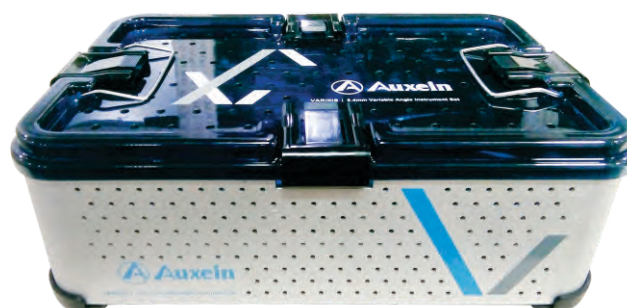
1312-28 Bending forceps



1312-33 Instruments Tray



1312-34 Container



INSIMP-1312 2.4mm Variable Angle Wise-Lock Distal Radius Implant & Instrument Set


1312-000 2.4mm Variable Angle Distal Radius Locking Plate, Instrument Set

Code	Set Consisting of	Units
1312-05-2.0	Drill Bit, F2.0	2
1312-06-2.4	Drill Bit, F2.4	1
1312-07-2.7	Drill Bit, F2.7	1
1312-16	Double Drill Guide, F2.0/F2.7	1
1312-04-1.8	Drill Bit, F1.8	5
1312-08-1.2	Guide Wire, F1.2	5
1312-09-1.2	Guide Wire with Threaded Tip, 1.2	2
1312-15	Double Drill Guide, F1.8/F2.4	1
1312-17	Depth Gauge (with protector)	1
1312-21	Torque limited Screwdriver, 0.8N.M	1
1312-22	Quick Coupling Handle	1
1312-01	Depth Gauge, 0-60mm	1
1312-29	Sharp Hook	1
1312-30	Guider for Variable angle plate	1
1312-13-1.8	Drill Sleeve, F1.8	3
1312-11-2.7	Tap, HA2.7	1
1312-10-2.4	Tap, HA2.4	1
1312-31	Screwdriver	1
1312-18	Screwdriver Shaft,T8	2
1312-20-2.4	Screw Holding Sleeve for 2.4 Cortical Screw	1
1312-20-2.7	Screw Holding Sleeve for 2.7 Cortical Screw	1
1312-30-2.4.1	Screw Holding Sleeve for 2.4 Wise lock Screw	1
1312-02	T-Handle with Quick Coupling	1
1312-03-15.5	Retractor, 15.5mm	1
1312-22-6.5	Retractor, 6.5mm	1
1312-23	Double Periosteal Elevator, Round	1
1312-24	Double Periosteal Elevator, Flat	1
1312-25	Reduction Forceps with Points, Small	1
1312-26	Reduction Forceps with Points, Large	1
1312-27	Reduction Forceps with Points, Serrated	1
1312-28	Bending forceps	2
IMP-1312	Implant Tray	1
1312-33	Tray	1
1312-34	Container	1

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