



Product Catalogue



House of Ortho Tools

**Manufacturer & Exporter of Orthopedic
& Maxillofacial Implants and Instruments**



www.hardikinternational.com

COMPANY PROFILE

▶ HISTORY:-

In the year 1999 our promoter started this journey by setting up a manufacturing unit in Bangalore for Orthopedic Medical Devices. From that day to till date numbers of mile stones are added in the profile of this group. A separate sales organization had been established in the year 1999 with the registered brand name of 'HARDIK'. It was a turnkey decision when company decided to established a new division for manufacturing & Export at Rajkot in Gujarat state, INDIA in the year 2007. From that time we have never looked back since then creating India's leading brand name in the field of orthopedic implants and Instruments. Currently we are in the ---year of our venture and everything is all set to add a new mile stone in the field of Orthopedic Medical Devices.

▶ PROMOTER'S NEW TARGET:-

When they become aware about the notice In October 2005 from the Central Govt. of India issued a notification S. O. No.1468 (E) Dated 6th Oct – 2005 in which all the Medical Implants have been covered under Drugs & Cosmetics Act 1940. Now these devices are to be manufactured by only valid Drugs Mfg. License Holders.

So for that reason we had taken very early steps to fulfill or manage the regulatory requirements by setting up all new state of the art manufacturing unit as per Indian FDA at RAJKOT (INDIA). The new unit has been equipped with all modern manufacturing facilities.

▶ GUIDE LINE TO REACH US / HOW TO REACH:-

"HARDIK INTERNATIONAL" is located at most developed and green huge engineering industrial estate in **RAJKOT (INDIA)**. **RAJKOT** is one of the fastest growing city and industrial hub of Gujarat State, India which is well connected with all road, rail and air ways. Where so many multinational companies are doing their business. The city is well known for its cultural and royal heritage. The engineering industries of this city stand best in the country with all hi-tech facilities and available resources.

▶ THE INFRASTRUCTURE:-

The new unit in the total area of about 23000 Sq.Ft. as per Indian FDA is all set ready to produce high quality devices meeting all international parameters. The in-house lay out is perfectly designed with sophisticated facilities to create efficient working conditions. Like;

- In this unit Each and every department is equipped with all modern amenities.
- As we are catering service to our customer we have diversified all critical machine operations from conventional to all new **Computerized Numerical control (CNC) Machine** to reach our customer requirement in time.
- We give respect to our Employ and for that we develop our Unit with best working conditions for all employees with provision of all safety & regulatory requirements. The unit is operated under Standard Operating Procedure (SOP) giving highest efficiency in all departments.
- To get best traceability we do our level best to do all the operations under one roof and we can control right from raw-materials lending to the finish product's dispatch.

▶ R & D department:-

To serve the best quality our all the research & developments are conducted indigenously by a team of experienced and skilled members in AUTOCAD system for clinical evaluations. The new products are developed under clinical guidance of senior surgeons & consultants. A true to model accuracy is designed and achieved with highest commitment & dedicated team work of Mechanical Engineers.

▶ THE RAW MATERIALS:-

The materials used in the manufacturing of medical devices require excellent mechanical properties, high levels of purity and corrosion resistance. We always choose selected materials which are highly bio-compatible for critical applications. The materials are tested by a reputed laboratory for each and every lot and the traceability is maintained throughout the manufacturing process.

▶ [QUALITY CONTROL](#)

In 'HARDIK' quality control system stands above all because we believe in self inspection as well as third party inspection for better monitoring and further improvement.

▶ [THE TEAM](#)

The team behind the success of the company has a healthy presence of around 100 members whose dedication and commitment has laid down a strong foundation of this Company. Each member of this team is full of energy, enthusiasm, and sincerity and confident to give his or her best at all. The top management provides all the motivations and resources to achieve the desired objectives.

Right from production to sales we deserve the Satisfaction of hundreds of our valued customers and employees without which we would not have come to the destination we have reached today.....

▶ [ON LINE BUSSINESS QUERY SOLICITED ON:](#) info@hardikinternational.com and
sales@hardikinternational.com

Mini Fragment Implants & Instruments

Implants

T001 1.5mm Cortex Screw (Titanium)

Titanium Code No.	Length in MM
T001.04	4mm
T001.05	5mm
T001.06	6mm
T001.07	7mm
T001.08	8mm
T001.10	10mm



Self Taping	
Threaded Diameter	1.5mm
Drill Bit for Threading Hole	1.1mm
Core Diameter	1.1mm
Head Diameter	2.5mm

T025 2.0mm Cortex Screw (Titanium)

Titanium Code No.	Length in MM
T025.05	5mm
T025.06	6mm
T025.07	7mm
T025.08	8mm
T025.09	9mm
T025.10	10mm
T025.12	12mm
T025.14	14mm
T025.16	16mm



Self Taping	
Threaded Diameter	2.0mm
Drill Bit for Threading Hole	1.5mm
Core Diameter	1.4mm
Head Diameter	2.5mm

T051 2.4mm Cortex Screw (Titanium)

Titanium Code No.	Length in MM
T051.06	6mm
T051.07	7mm
T051.08	8mm
T051.09	9mm
T051.10	10mm
T051.12	12mm
T051.14	14mm
T051.16	16mm



Self Taping	
Threaded Diameter	2.4mm
Drill Bit for Threading Hole	1.8mm
Core Diameter	1.7mm
Head Diameter	4.0mm

T012 1.5mm Cortex Screw (Cross Head - Titanium)

Titanium Code No.	Hole
T012.04	4mm
T012.06	6mm
T012.08	8mm
T012.10	10mm
T012.12	12mm



Self Taping	
Threaded Diameter	1.5mm
Drill Bit for Threading Hole	1.1mm
Core Diameter	1.1mm
Head Diameter	2.5mm

T024 2.0mm Cortex Screw (Cross Head - Titanium)

Titanium Code No.	Length in MM
T024.04	4mm
T024.06	6mm
T024.08	8mm
T024.10	10mm
T024.12	12mm
T024.14	14mm
T024.16	16mm

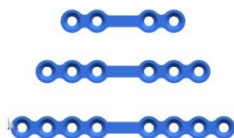


Self Taping	
Threaded Diameter	2.0mm
Drill Bit for Threading Hole	1.5mm
Core Diameter	1.4mm
Head Diameter	2.5mm

Mini Fragment Implants

T002 1.5mm Mandible Plate with Center Space (Titanium)

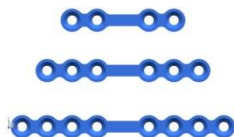
Titanium Code No.	Holes
T002.02	2hole
T002.03	3hole
T002.04	4hole
T002.05	5hole
T002.06	6hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 1.5mm Screw

T026 2.0mm Mandible Plate with Center Space (Titanium)

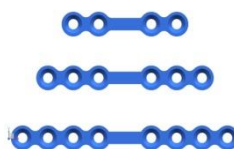
Titanium Code No.	Holes
T026.02	2hole
T026.03	3hole
T026.04	4hole
T026.05	5hole
T026.06	6hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screw

T052 2.4mm Mandible Plate with Center Space (Titanium)

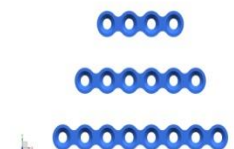
Titanium Code No.	Holes
T052.02	2hole
T052.03	3hole
T052.04	4hole
T052.05	5hole
T052.06	6hole



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 13.5mm
For 2.4mm Screw

T003 1.5mm Mandible Plate (Titanium)

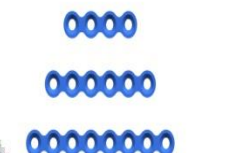
Titanium Code No.	Holes
T003.03	3hole
T003.04	4hole
T003.05	5hole
T003.06	6hole
T003.08	8hole
T003.10	10hole
T003.20	20hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 1.5mm Screw

T027 2.0mm Mandible Plate (Titanium)

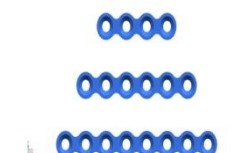
Titanium Code No.	Holes
T027.04	4hole
T027.05	5hole
T027.06	6hole
T027.08	8hole
T027.10	10hole
T027.12	12hole
T027.14	14hole
T027.16	16hole
T027.18	18hole
T027.20	20hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screw

T053 2.4mm Mandible Plate (Titanium)

Titanium Code No.	Holes
T053.03	3hole
T053.04	4hole
T053.05	5hole
T053.06	6hole
T053.08	8hole
T053.10	10hole
T053.20	20hole



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 13.5mm
For 2.4mm Screw

T004 1.5mm Orbital Plate with Center Space (Titanium)

Titanium Code No.	Holes
T004.04	4hole
T004.06	6hole
T004.08	8hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 1.5mm Screw

T028 2.0mm Orbital Plate with Center Space (Titanium)

Titanium Code No.	Holes
T028.04	4hole
T028.06	6hole
T028.08	8hole
T028.10	10hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screw

T054 2.4mm Orbital Plate with Center Space (Titanium)

Titanium Code No.	Holes
T054.04	4hole
T054.06	6hole
T054.08	8hole



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 13.5mm
For 2.4mm Screw

T005 1.5mm Orbital Plate (Titanium)

Titanium Code No.	Holes
T005.08	8hole
T005.10	10hole
T005.12	12hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 1.5mm Screw

T029 2.0mm Orbital Plate (Titanium)

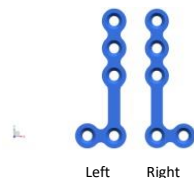
Titanium Code No.	Holes
T029.06	6hole
T029.08	8hole
T029.10	10hole
T029.12	12hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
For 2.0mm Screw

T006 1.5mm L Plate Angle 2hole (Titanium)

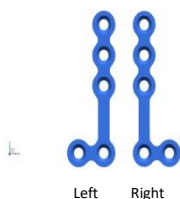
Titanium Code No.	Holes
T006.04L	2hole + 2hole (Left)
T006.04R	2hole + 2hole (Right)
T006.05L	2hole + 3hole (Left)
T006.05R	2hole + 3hole (Right)



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 1.5mm Screw

T030 2.0mm L Plate Angle 2hole (Titanium)

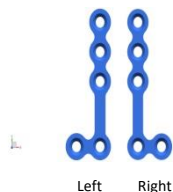
Titanium Code No.	Holes
T030.04L	2hole + 2hole (Left)
T030.04R	2hole + 2hole (Right)
T030.05L	2hole + 3hole (Left)
T030.05R	2hole + 3hole (Right)
T030.06L	2hole + 4hole (Left)
T030.06R	2hole + 4hole (Right)



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screw

T055 2.4mm L Plate Angle 2hole (Titanium)

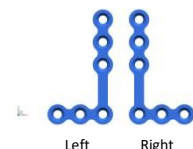
Titanium Code No.	Holes
T055.04L	2 + 2hole(Left)
T055.04R	2 + 2hole(Right)
T055.05L	2 + 3hole(Left)
T055.05R	2 + 3hole(Right)



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 13.5mm
For 2.4mm Screw

T007 1.5mm L Plate Angle 3hole (Titanium)

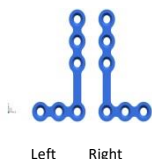
Titanium Code No.	Holes
T007.06L	3hole + 3hole (Left)
T007.06R	3hole + 3hole (Right)



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 1.5mm Screw

T031 2.0mm L Plate Angle 3hole (Titanium)

Titanium Code No.	Holes
T031.06L	3hole + 3hole(Left)
T031.06R	3hole + 3hole(Right)



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screw

T008 1.5mm T Plate Head 2hole (Titanium)

Titanium Code No.	Holes
T008.04	2hole + 2hole
T008.05	2hole + 3hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 1.5mm Screw

T032 2.0mm T Plate Head 2hole (Titanium)

Titanium Code No.	Holes
T032.04	2hole + 2hole
T032.05	2hole + 3hole
T032.06	2hole + 4hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screw

T056 2.4mm T Plate Head 2hole (Titanium)

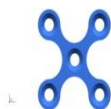
Titanium Code No.	Holes
T056.04	2hole + 2hole
T056.05	2hole + 3hole
T056.06	2hole + 4hole



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 13.5mm
For 2.4mm Screw

T009 1.5mm X Plate (Titanium)

Titanium Code No.	Holes
T009.05	5hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 1.5mm Screw

T036 2.0mm X Plate (Titanium)

Titanium	
Code No.	Holes
T036.05	5hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screw

T057 2.4mm X Plate (Titanium)

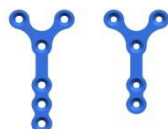
Titanium	
Code No.	Holes
T057.05	5hole



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 13.5mm
For 2.4mm Screw

T010 1.5mm Y Plate (Titanium)

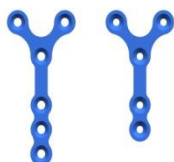
Titanium	
Code No.	Holes
T010.04	4hole
T010.05	5hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 1.5mm Screw

T037 2.0mm Y Plate (Titanium)

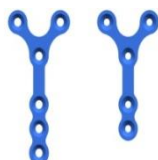
Titanium	
Code No.	Holes
T037.04	4hole
T037.05	5hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screws

T058 2.4mm Y Plate (Titanium)

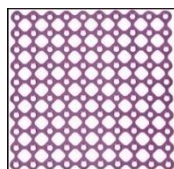
Titanium	
Code No.	Holes
T058.04	4hole
T058.05	5hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.4mm Screws

T011 1.5mm Titanium Mesh (Titanium)

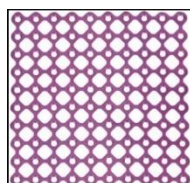
Titanium	
Code No.	Length In MM
T011.5050	50mm × 50mm
T011.5010	50mm × 100mm
T011.1010	100mm × 100mm
T011.5015	50mm × 150mm



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 1.5mm Screw

T040 2.0mm Titanium Mesh (Titanium)

Titanium	
Code No.	Length In MM
T040.5050	50mm × 50mm
T040.5010	50mm × 100mm
T040.1010	100mm × 100mm
T040.5015	50mm × 150mm



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screws

Mini Fragment Implants

T038 2.0mm Double End Y Plate (Titanium)

Titanium Code No.	Holes
T038.06	6hole



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screws

T059 2.4mm Double End Y Plate (Titanium)

Titanium Code No.	Holes
T059.06	6hole



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 13.5mm
For 2.4mm Screws

T039 2.0mm Z Plate (Titanium)

Titanium Code No.	Holes
T039.04L	4hole(Left)
T039.04R	4hole(Right)



Thickness 1.0mm
Width 5.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 11.0mm
For 2.0mm Screws

T060 2.4mm Z Plate (Titanium)

Titanium Code No.	Holes
T060.04L	4hole(Left)
T060.04R	4hole(Right)



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 13.5mm
For 2.4mm Screws

T061 2.4mm Reconstruction Plate Straight (Titanium)

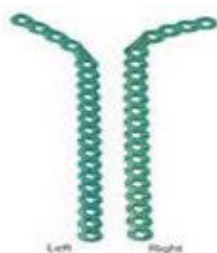
Titanium Code No.	Holes
T061.04	4hole
T061.06	6hole
T061.08	8hole
T061.10	10hole
T061.20	20hole



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 15.5mm
For 2.4mm Screws

T062 2.4mm Angled Reconstruction Plate (Titanium)

Titanium Code No.	Holes
T062.06	3 + 3hole
T062.08	4 + 4hole
T062.16L	4hole + 12hole (Left)
T062.16R	4hole + 12hole (Right)
T062.18L	4hole + 14hole (Left)
T062.18R	4hole + 14hole (Right)
T062.20L	4hole + 16hole (Left)
T062.20R	4hole + 16hole (Right)



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 15.5mm
For 2.4mm Screws

Mini Fragment Implants

T063 2.4mm Reconstruction Plate Full Mandible Shape (Titanium)

Titanium Code No.	Holes
T063.26	26hole (Small)
T063.28	28hole (Medium)
T063.32	32hole (Large)



Thickness 1.0mm
Width 6.0mm
Hole Spacing 6.0mm
Middle Hole Spacing 15.5mm
For 2.4mm Screws

076 2.7mm Cortex Screw

Code No.	Titanium	Length in MM
076.08	T076.08	8mm
076.10	T076.10	10mm
076.12	T076.12	12mm
076.14	T076.14	14mm
076.16	T076.16	16mm
076.18	T076.18	18mm
076.20	T076.20	20mm
076.22	T076.22	22mm
076.24	T076.24	24mm
076.26	T076.26	26mm
076.28	T076.28	28mm
076.30	T076.30	30mm



Threaded Diameter 2.7mm
Drill Bit for Threading Hole 2.0mm
Drill Bit for Gliding Hole 2.7mm
Core Diameter 1.9mm
Head Diameter 5.0mm
Hexagonal Head Socket 2.5mm

077 2.7mm Reconstruction Straight Plate

Code No.	Titanium	Holes	Total Length
077.04	T077.04	4hole	32mm
077.05	T077.05	5hole	40mm
077.06	T077.06	6hole	48mm
077.07	T077.07	7hole	56mm
077.08	T077.08	8hole	64mm
077.09	T077.09	9hole	72mm
077.10	T077.10	10hole	80mm
077.12	T077.12	12hole	96mm
077.14	T077.14	14hole	112mm
077.16	T077.16	16hole	128mm
077.18	T077.18	18hole	144mm
077.20	T077.20	20hole	160mm



Plate Thickness 2.0mm
Width 8.0mm
Hole Spacing 8.0mm
Middle Hole Spacing 12.0mm
For Use with 2.7mm Screws

078 2.7mm DCP

Code No.	Titanium	Holes	Total Length
078.02	T078.02	2hole	20mm
078.03	T078.03	3hole	28mm
078.04	T078.04	4hole	36mm
078.05	T078.05	5hole	44mm
078.06	T078.06	6hole	52mm
078.07	T078.07	7hole	60mm
078.08	T078.08	8hole	68mm
078.10	T078.10	10hole	84mm



Plate Thickness 2.0mm
Width 8.0mm
Hole Spacing 8.0mm
Middle Hole Spacing 12.0mm
For Use with 2.7mm Screws

Mini Fragment Implants

102 2.7mm Quarter Tubular Plate

Code No.	Holes	Total Length
102.04	4hole	31mm
102.05	5hole	39mm
102.06	6hole	47mm
102.07	7hole	55mm
102.08	8hole	63mm



Plate Thickness 2.0mm
Width 8.0mm
Hole Spacing 8.0mm
Middle Hole Spacing 12.0mm
For Use with 2.7mm Screws

103 2.7mm L – Plate

Code No.	Holes
103.04L	2hole + 2hole (Left)
103.04R	2hole + 2hole (Right)
103.05L	2hole + 3hole (Left)
103.05R	2hole + 3hole (Right)
103.06L	2hole + 4hole (Left)
103.06R	8hole + 4hole (Right)



Plate Thickness 1.2mm
Shaft Width 7.0mm
Head Width 14.0mm
Hole Spacing 8.0mm
For Finger Joint-Hand
For Use with 2.7mm Screws

104 2.7mm T - Plate

Code No.	Holes
104.04	2hole + 2hole
104.05	2hole + 3hole
104.06	2hole + 6hole















Plate Thickness 1.2mm
Shaft Width 7.0mm
Head Width 14.0mm
Hole Spacing 8.0mm
For Finger Joint-Hand
For Use with 2.7mm Screws

Mini Fragment Implants

Mini Fragment Instruments For 1.5mm, 2.0mm, 2.4mm & 2.7mm

Instruments

	
<p>601.001 Drill Bits 1.1mm x 60mm for Quick Coupling 601.002 Drill Bits 1.5mm x 85mm for Quick Coupling 601.006 Drill Bits 2.0mm x 100mm for Quick Coupling 601.010 Drill Bits 2.0mm x 110mm for Quick Coupling</p>	<p>603.001 Quick Coupling T Handle</p>
	
<p>603.024 Tap 2.4mm for Quick Coupling 100/33mm 603.027 Tap 2.7mm for Quick Coupling 100/33mm</p>	<p>604.020 Tap 2.0mm with Fixed T Handle 100/24mm 604.024 Tap 2.4mm with Fixed T Handle 100/24mm 604.027 Tap 2.7mm with Fixed T Handle 125/33mm</p>
	
<p>605.015 Double Drill Sleeve 1.5/1.1mm 605.020 Double Drill Sleeve 2.0/1.5mm 605.024 Double Drill Sleeve 2.4/1.8mm 605.027 Double Drill Sleeve 2.7/2.0mm</p>	<p>606.027 Counter Sink Shaft for 2.4/2.7mm Length 62mm</p>
	
<p>607.027 DCP Drill Sleeve 2.7mm for 2.0mm Drill</p>	<p>609.001 Mini Depth Gauge for 1.5mm & 2.0mm Screw 609.002 Depth Gauge for 2.4mm to 4.0mm Screw</p>
	
<p>610.001 Mini Screw Forceps Self Holding</p>	<p>611.001 Mini Plate Holding Forceps</p>
	
<p>612.025 Small Hexagonal Screw Driver 2.5mm Tip</p>	<p>613.025 Small Hexagonal Screw Driver with Holding Sleeve 2.5mm Tip</p>

	
<p>614.025 Shaft Hexagonal Screw Driver 2.5mm Tip</p>	<p>615.001 Mini Slot Screw Driver</p>
	
<p>615.002 Mini Slot Screw Driver with Holding Sleeve</p>	<p>616.001 Bending Iron for Plate 1.5mm & 2.0mm</p>
	
<p>616.002 Bending Iron for Plate 2.7mm & 3.5mm</p>	<p>616.003 Bending Pliers for Thin Plate 1.5mm to 2.7mm</p>
	
<p>617.001 Sharp Hook</p>	<p>660.010 Triple Drill Guide 2.0mm with 3hole & opposite side 1hole</p>
	
<p>660.013 K Wire Bender Iron</p>	<p>660.014 Universal Wire Cutter / Bender / Pliers</p>
	
<p>687.144 Self Centering Bone Holding Forceps Length 144mm</p>	<p>689.126 Reduction Forceps With Points Length 126mm</p>
	
<p>711.001 Periosteal Elevator Curved Blade 6mm wide</p>	<p>715.002 Osteotomes 2mm wide</p>
	<p>715.004 Osteotomes 4mm wide</p>
	<p>715.006 Osteotomes 6mm wide</p>

Mini Fragment Implants Set

Code No.	Contents	Qty.
T001	1.5mm Cortex screws 6mm, 7mm, 8mm, 9mm, 10mm	Each 4 No.
T002	1.5mm Mandible Plate with Center Space 4hole	Each 2 No.
T002	3hole,5hole	Each 1 No.
T003	1.5mm Mandible Plate 3hole, 4hole, 5hole, 10hole	Each 1 No.
T025	2.0mm Cortex Screws 6mm, 7mm, 8mm, 9mm, 10mm, 12mm, 14mm, 16mm	Each 4 No.
T026	2.0mm Mandible Plate with center space 3hole, 4hole, 5hole	Each 2 No.
T027	2.0mm Mandible Plate 3hole, 4hole, 5hole, 20hole	Each 2 No.
T028	2.0mm Orbital Plate with Center Space 4hole, 6hole, 8hole	Each 1 No.
T029	2.0mm Orbital Plate Curved 6hole, 8hole	Each 1 No.
T030	2.0mm L Plate Angle 2hole Left 4hole	Each 2 No.
T030	2.0mm L Plate Angle 2hole Right 4hole	Each 2 No.
T032	2.0mm T Plate Head 2hole, 4hole	Each 2 No.
T051	2.4mm Cortex Screw 6mm, 7mm, 8mm, 9mm, 10mm, 12mm, 14mm, 16mm	Each 4 No.
T052	2.4mm Mandible Plate with Centre Space 4hole	Each 2 No.
T052	3hole, 5hole, 6hole	Each 1 No.
T053	2.4mm Mandible Plate with Centre Space 4hole, 5hole, 6hole, 10hole	Each 1 No.
T054	2.4mm Orbital Plate with Centre Space 6hole, 8hole	Each 1 No.
076	2.7mm Cortex Screws 8mm, 10mm, 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm	Each 5 No.
101	Washer 7.0/3.6mm Dia for small Screws.	6 No.
078	DCP 2.7mm 4hole, 5hole, 6hole	Each 2 No.
078	2 hole , 3hole, 7hole, 8hole	Each 1 No.
102	Quarter Tubular Plate 2.7mm 3hole,4hole, 5hole	Each 2 No.
102	6hole, 7hole, 8hole	Each 1 No.
103	L Plate 2.7mm Left 5hole	2 No.
103	L Plate 2.7mm Right 5hole.	2 No.
104	T Plate 2.7mm 5hole.	4 No.
328A.08	Kirschner Wire 0.8mm x 100mm	10 No.
328B.10	Kirschner Wire 1.0mm x 150mm	10 No.
328B.12	Kirschner Wire 1.25mm x 150mm	10 No.
328B.16	Kirschner Wire 1.6mm x 150mm	10 No.

Mini Fragment Instruments Set

Code No.	Contents	Qty.
601.001	Drill Bits 1.1mm x 60mm for Quick Coupling	2 No.
601.002	Drill Bits 1.5mm x 85mm for Quick Coupling	2 No.
601.006	Drill Bits 2.0mm x 100mm for Quick Coupling	2 No.
601.010	Drill Bits 2.7mm x 110mm for Quick Coupling	2 No.
603.001	Quick Coupling T Handle	1 No.
603.024	Tap 2.4mm for Quick Coupling 100/24mm	1 No.
603.027	Tap 2.7mm for Quick Coupling 100/33mm	1 No.
604.020	Tap 2.0mm with Fixed T Handle 100/24mm	1 No.
605.015	Double Drill Sleeve 1.5/1.1mm	1 No.
605.020	Double Drill Sleeve 2.0/1.5mm	1 No.
605.024	Double Drill Sleeve 2.4/1.8mm	1 No.
605.027	Double Drill Sleeve 2.7/2.0mm	1 No.
606.027	Counter Sink Shaft for 2.4/2.7mm Length 62mm	1 No.
607.027	DCP Drill Sleeve 2.7mm for 2.0mm Drill	1 No.
615.001	Mini Slot Screw Drives	1 No.
615.002	Mini Slot Screw Driver With Holding Sleeve	1 No.
613.025	Small Hexagonal Screw Driver With Holding Sleeve 2.5mm Tip	1 No.
614.025	Shaft Hexagonal Screw Driver 2.5mm Tip	1 No.
609.001	Mini Depth Gauge	1 No.
609.002	Depth Gauge for 2.4mm to 4.0mm Screws	1 No.
617.001	Sharp Hook	1 No.
610.001	Mini Screw Forceps Self-Holding	1 No.
616.001	Bending Iron for Plates 1.5 and 2.0mm	1 No.
616.002	Bending Iron Small for Plates 2.7 and 3.5mm	1 No.
616.003	Bending Pliers for thin Plates 1.5 to 2.7mm	1 No.
616.014	Universal Wire Cutter / Bender / Pliers.	1 No.
611.001	Mini Plate Forceps Self- Holding	1 No.
660.010	Triple Drill Guide 2.0mm With 3 Hole Opposite Side 1 Hole	1 No.
660.013	K Wire Bender Iron	1 No.
687.014	Self-Centering Bone Holding Forceps Length 144mm	1 No.
689.126	Reduction Forceps With Points Length 126mm	1 No.
706.006	Retractor Small 6mm wide	1 No.
706.008	Retractor Small 8mm wide	1 No.
711.001	Periosteal Elevator Curved Blade 3mm wide	1 No.
715.004	Osteotomes wide 4mm	1 No.
	General Instrument Box S.S With Two Tray Length 300mm	1 No.

Small Fragment Implants & Instruments

Small Screws & Plate for 3.5mm & 4.0mm Implants

101 Washer 7.0mm for Small Screws 7.0mm / 3.6mm

Stainless Steel		Titanium
101.01		T101.01



125 Washer 10.0mm for Small Screws 10.0mm / 4.6mm

Stainless Steel		Titanium
125.01		T125.01



126 3.5mm Cortex Screw (20 TPI)

Stainless Steel	Titanium	Length in MM
126.10	T126.10	10mm
126.12	T126.12	12mm
126.14	T126.14	14mm
126.16	T126.16	16mm
126.18	T126.18	18mm
126.20	T126.20	20mm
126.22	T126.22	22mm
126.24	T126.24	24mm
126.26	T126.26	26mm
126.28	T126.28	28mm
126.30	T126.30	30mm
126.32	T126.32	32mm
126.34	T126.34	34mm
126.36	T126.36	36mm
126.38	T126.38	38mm
126.40	T126.40	40mm
126.45	T126.45	45mm
126.50	T126.50	50mm
126.55	T126.55	55mm
126.60	T126.60	60mm

Threaded Diameter 3.5mm
Drill Bit for Threading Hole 2.5mm
Drill Bit for Gliding Hole 3.5mm
Core Diameter 2.4mm
Hexagonal Socket Width 2.5mm
Head Diameter 6.0mm
Thread Pitch 20 TPI



127 3.5mm Cortex Screw (14 TPI)

Stainless Steel	Titanium	Length in MM
127.10	T127.10	10mm
127.12	T127.12	12mm
127.14	T127.14	14mm
127.16	T127.16	16mm
127.18	T127.18	18mm
127.20	T127.20	20mm
127.22	T127.22	22mm
127.24	T127.24	24mm
127.26	T127.26	26mm
127.28	T127.28	28mm
127.30	T127.30	30mm
127.32	T127.32	32mm
127.34	T127.34	34mm
127.36	T127.36	36mm
127.38	T127.38	38mm
127.40	T127.40	40mm
127.45	T127.45	45mm
127.50	T127.50	50mm

Threaded Diameter 3.5mm
Drill Bit for Threading Hole 2.5mm
Drill Bit for Gliding Hole 3.5mm
Core Diameter 2.4mm
Hexagonal Socket Width 2.5mm
Head Diameter 6.0mm
Thread Pitch 14 TPI



Small Fragment Implants

130 4.0mm Cancellous Screw (Short Thread)

Stainless Steel		Titanium	Length in MM	Thread Length
130.12		T130.12	12mm	6mm
130.14		T130.14	14mm	6mm
130.16		T130.16	16mm	6mm
130.18		T130.18	18mm	7mm
130.20		T130.20	20mm	8mm
130.22		T130.22	22mm	9mm
130.24		T130.24	24mm	10mm
130.26		T130.26	26mm	12mm
130.28		T130.28	28mm	14mm
130.30		T130.30	30mm	14mm
130.35		T130.35	35mm	14mm
130.40		T130.40	40mm	14mm
130.45		T130.45	45mm	15mm
130.50		T130.50	50mm	15mm
130.55		T130.55	55mm	16mm
130.60		T130.60	60mm	16mm
130.65		T130.65	65mm	18mm
130.70		T130.70	70mm	18mm

Threaded Diameter 4.0mm
 Drill Bit for Threading Hole 2.5mm
 Shaft Diameter 2.4mm
 Core Diameter 1.9mm
 Hexagonal Socket Width 2.5mm
 Head Diameter 6.0mm
 Thread Pitch 1.75mm



131 4.0mm Cancellous Screw (Full Thread)

Stainless Steel		Titanium	Length in MM
131.12		T131.12	12mm
131.14		T131.14	14mm
131.16		T131.16	16mm
131.18		T131.18	18mm
131.20		T131.20	20mm
131.22		T131.22	22mm
131.24		T131.24	24mm
131.26		T131.26	26mm
131.28		T131.28	28mm
131.30		T131.30	30mm
131.35		T131.35	35mm
131.40		T131.40	40mm
131.45		T131.45	45mm
131.50		T131.50	50mm
131.55		T131.55	55mm
131.60		T131.60	60mm
131.65		T131.65	65mm
131.70		T131.70	70mm

Threaded Diameter 4.0mm
 Drill Bit for Threading Hole 2.5mm
 Shaft Diameter 2.4mm
 Core Diameter 1.9mm
 Hexagonal Socket Width 2.5mm
 Head Diameter 6.0mm
 Thread Pitch ?



451 Cortex Screw 3.5mm (Self Tapping)

Stainless Steel		Titanium	Length in MM
451.10		T451.10	10mm
451.12		T451.12	12mm
451.14		T451.14	14mm
451.16		T451.16	16mm
451.18		T451.18	18mm
451.20		T451.20	20mm
451.22		T451.22	22mm
451.24		T451.24	24mm
451.26		T451.26	26mm
451.28		T451.28	28mm
451.30		T451.30	30mm
451.32		T451.32	32mm
451.34		T451.34	34mm
451.36		T451.36	36mm
451.38		T451.38	38mm
451.40		T451.40	40mm
451.45		T451.45	45mm
451.50		T451.50	50mm

Threaded Diameter 3.5mm
 Drill Bit for Threading Hole 2.5mm
 Drill Bit for Gliding Hole 3.5mm
 Core Diameter 2.4mm
 Hexagonal Socket Width 2.5mm
 Head Diameter 6.0mm
 Thread Pitch 20 TPI



Small Fragment Implants

133 One Third Tubular Plate 3.5mm

Stainless Steel		Titanium	Hole	Total Length in MM
133.04	T133.04	4hole	50mm	
133.05	T133.05	5hole	62mm	
133.06	T133.06	6hole	74mm	
133.07	T133.07	7hole	86mm	
133.08	T133.08	8hole	98mm	
133.09	T133.09	9hole	110mm	
133.10	T133.10	10hole	122mm	
133.12	T133.12	12hole	146mm	



Thickness	1.0mm
Width	10.0mm
Hole Spacing	12.0mm
Middle Hole Spacing	16.0mm

Use as Buttress Plate for fibula, metatarsals, and metacarpals. Fixation with 3.5 and 4.0mm Screws.
Compression effect can be achieved by eccentric insertion of distal screws for from the fracture

135 Small DCP 3.5mm

Stainless Steel		Titanium	Hole	Total Length in MM
135.04	T135.04	4hole	50mm	
135.05	T135.05	5hole	62mm	
135.06	T135.06	6hole	74mm	
135.07	T135.07	7hole	86mm	
135.08	T135.08	8hole	98mm	
135.09	T135.09	9hole	110mm	
135.10	T135.10	10hole	122mm	
135.12	T135.12	12hole	146mm	
135.14	T135.14	14hole	?mm	
135.15	T135.15	15hole	?mm	
135.16	T135.16	16hole	?mm	



Thickness	3.0mm
Width	10.0mm
Hole Spacing	12.0mm
Middle Hole Spacing	16.0mm

DCP=Dynamic Compression Plate with spherical gliding principle
For ulna and radius. Fixation with 3.5 and 4.0mm Screws Use DCP Drill Sleeve 3.5mm

136 Small LC - DCP 3.5mm

Stainless Steel		Titanium	Hole	Total Length in MM
136.04	T136.04	4hole	51mm	
136.05	T136.05	5hole	64mm	
136.06	T136.06	6hole	77mm	
136.07	T136.07	7hole	90mm	
136.08	T136.08	8hole	103mm	
136.09	T136.09	9hole	116mm	
136.10	T136.10	10hole	129mm	
136.12	T136.12	12hole	155mm	
136.14	T136.14	14hole	?mm	



Thickness	4.0mm
Width	11.0mm
Hole Spacing	13.0mm

LC-DCP= Limited Contact Dynamic Compression Plate
For ulna and radius. Fixation with 3.5 and 4.0mm Screws.Use LC-DCP Drill Sleeve 3.5mm

138 Small T – Plate, Right Angled 3.5mm

Stainless Steel		Titanium	Hole	Total Length in MM
138.03	T138.03	3hole	50mm	
138.04	T138.04	4hole	61mm	
138.05	T138.05	5hole	72mm	
138.06	T138.06	6hole	83mm	
138.07	T138.07	7hole	94mm	
138.08	T138.08	8hole	105mm	
138.09	T138.09	9hole	?mm	
138.10	T138.10	10hole	116mm	

For distal radius.
Can be used for left and right radius.
Fixation with 3.5 and 4.0mm screws

Thickness	1.8mm
Shaft Width	10.0mm
Head Width	24.0mm
Head Hole	3 Holes
For use 3.5mm & 4.0mm Screws	



Small Fragment Implants

139 Small T – Plate, Oblique Angled 3.5mm

Stainless Steel		Titanium	Hole	Total Length in MM
139.03	T139.03	3hole	52mm	
139.04	T139.04	4hole	63mm	
139.05	T139.05	5hole	74mm	
139.06	T139.06	6hole	85mm	
139.07	T139.07	7hole	96mm	
139.08	T139.08	8hole	107mm	
139.09	T139.09	9hole	?mm	
139.10	T139.10	10hole	118mm	

For distal radius.
Can be used for left and right radius.
Fixation with 3.5 and 4.0mm screws

Thickness 1.8mm
Shaft Width 10.0mm
Head Width 24.0mm
Head Hole 3 Holes
For use 3.5mm & 4.0mm Screws



140 Small T – Plate, Right Angled 3.5mm (Head 4 Hole)

Stainless Steel		Titanium	Hole	Total Length in MM
140.03	T140.03	3hole	50mm	
140.04	T140.04	4hole	61mm	
140.05	T140.05	5hole	72mm	
140.06	T140.06	6hole	83mm	
140.07	T140.07	7hole	94mm	
140.08	T140.08	8hole	105mm	

For distal radius.
Can be used for left and right radius.
Fixation with 3.5 and 4.0mm screws

Thickness 1.8mm
Shaft Width 10.0mm
Head Width 31.0mm
Head Hole 4 Holes
For use 3.5mm & 4.0mm Screws



141 Reconstruction Plate Straight 3.5mm (DC Hole)

Stainless Steel		Titanium	Hole	Total Length in MM
141.04	T141.04	4hole	46mm	
141.05	T141.05	5hole	58mm	
141.06	T141.06	6hole	70mm	
141.07	T141.07	7hole	82mm	
141.08	T141.08	8hole	94mm	
141.09	T141.09	9hole	106mm	
141.10	T141.10	10hole	118mm	
141.12	T141.12	12hole	142mm	
141.14	T141.14	14hole	166mm	
141.16	T141.16	16hole	190mm	
141.18	T141.18	18hole	214mm	
141.20	T141.20	20hole	238mm	
141.22	T141.22	22hole	?mm	

For pelvic, clavicle and Calcaneal fracture. Reconstruction Plate 3.5mm are manufactured from Relatively soft material due to their reduced stiffness of they should be used only for cerclages or Adaptations. Design and softness of the material enable three-dimensional contouring with bending pliers for Reconstruction Plate. Bending iron for Reconstruction Plate.



Thickness 2.8mm
Width 10.0mm
Hole Spacing 12.0mm
For use 3.5mm & 4.0mm Screws

143 Cloverleaf Plate 3.5mm

Stainless Steel		Titanium	Hole	Total Length in MM
143.03	T143.03	3hole	88mm	
143.04	T143.04	4hole	104mm	
143.05	T143.05	5hole	120mm	
143.06	T143.06	6hole	136mm	
143.07	T143.07	7hole	152mm	
143.08	T143.08	8hole	168mm	
143.09	T143.09	9hole	184mm	
143.10	T143.10	10hole	200mm	
143.11	T143.11	11hole	?mm	
143.12	T143.12	12hole	?mm	

Thickness 2.0mm
Cloverleaf Thickness 1.2mm
Shaft Width 5.2mm
Head Width 39.0mm



With thinner head for distal intra-articular tibia fractures and proximal humeral fractures.
Fixation with 3.5 and 4.5mm Screws.
One or both shoulder of the Cloverleaf Plate can be cut off with the large Wire cutter.

Small Fragment Implants

145 Reconstruction Plate (Thin) Round Hole

Stainless		Hole
Steel	Titanium	
145.04	T145.04	4hole
145.05	T145.05	5hole
145.06	T145.06	6hole
145.07	T145.07	7hole
145.08	T145.08	8hole
145.09	T145.09	9hole
145.10	T145.10	10hole
145.12	T145.12	12hole
145.14	T145.14	14hole
145.16	T145.16	16hole
145.18	T145.18	18hole
145.20	T145.20	20hole
145.22	T145.22	22hole
145.24	T145.24	24hole



453 Reconstruction Plate Curved 3.5mm

Stainless		Hole	Total Length in MM
Steel	Titanium		
453.05	T453.05	5hole	58mm
453.06	T453.06	6hole	70mm
453.07	T453.07	7hole	82mm
453.08	T453.08	8hole	94mm
453.09	T453.09	9hole	106mm
453.10	T453.10	10hole	118mm
453.12	T453.12	12hole	142mm
453.14	T453.14	14hole	166mm
453.16	T453.16	16hole	190mm
453.18	T453.18	18hole	214mm



Thickness 2.8mm
Width 10.0mm
Hole Spacing 12.0mm
Bending Radius 100mm

Small Fragment Implants

Small Fragment Instruments For 3.5mm & 4.0mm

Instruments

	
<p>601.008 Drill Bits 2.5mm x 110mm for Quick Coupling 601.010 Drill Bits 2.7mm x 110mm for Quick Coupling 601.016 Drill Bits 3.5mm x 110mm for Quick Coupling</p>	<p>603.001 Quick Coupling T Handle</p>
	
<p>603.035 Tap 3.5mm for Quick Coupling 110/50mm (20TPI) 603.035A Tap 3.5mm for Quick Coupling 110/50mm (14TPI) 603.040 Tap 4.0mm for Quick Coupling 110/75mm</p>	<p>604.035 Tap 3.5mm with Fixed T Handle 150/50mm (20TPI) 604.035A Tap 3.5mm with Fixed T Handle 150/50mm (14TPI) 604.040 Tap 4.0mm with Fixed T Handle 150/75mm</p>
	
<p>605.035 Double Drill Sleeve 3.5/2.5mm</p>	<p>606.035 Counter Sink Shaft for 3.5mm Length 72mm</p>
	
<p>607.035 DCP Drill Sleeve 3.5mm for 2.5mm Drill</p>	<p>618.035 LC-DCP Drill Sleeve 3.5mm for use 2.5mm Drill</p>
	
<p>609.002 Depth Gauge for 2.4mm to 4.0mm Screw</p>	<p>610.002 Mini Screw Forceps Self Holding</p>

	
612.025 Small Hexagonal Screw Driver 2.5mm Tip	613.025 Small Hexagonal Screw Driver with Holding Sleeve 2.5mm Tip
	
614.025 Shaft Hexagonal Screw Driver 2.5mm Tip	616.002 Bending Iron Small for Plate 2.7mm & 3.5mm
	
616.005 Bending Pliers for Reconstruction Plate	617.001 Sharp Hook
	
660.010 Triple Drill Guide 2.0mm with 3hole & opposite side 1hole	660.013 K Wire Bender Iron
	
660.014 Universal Wire Cutter / Bender / Pliers	687.191 Self Centering Bone Holding Forceps Length 191mm
	
688.146 Reduction Forceps Serrated Jaws Length 146mm	689.126 Reduction Forceps With Points Length 126mm
	
706.006 Retractor Small 6mm Wide 706.008 Retractor Small 8mm Wide 706.015 Retractor Small 15mm Wide	711.001 Periosteal Elevator Curved Blade 6mm wide 711.003 Periosteal Elevator Curved Blade 14mm wide

Small Fragment Implants Set

Code No.	Contents	Qty.
126	3.5mm Cortex Screw Length 10mm, 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm, 45mm, 50mm	Each 8 No.
130	4mm Cancellous Screws Short Thread length 10mm, 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 35mm, 40mm, 45mm, 50mm	Each 2 No.
131	4mm Cancellous Screws Fully Thread length 10mm, 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm	Each 4 No.
125.01	Washer 10mm/4.6mm for small Screws	6 No.
133	One-Third Tubular Plate 3.5mm 3hole	1 No.
133	4hole, 5hole, 6hole	Each 2 No.
133	7hole, 8hole	Each 1 No.
135	DCP 3.5mm 6hole, 7hole, 8hole	Each 2 No.
135	9hole, 10hole	Each 1 No.
136	LC-DCP 3.5mm 6hole, 7hole, 8hole	Each 2 No.
136	9hole, 10hole	Each 1 No.
138	T-Plate Right Angled 3.5mm 3hole, 4hole	Each 1 No.
139	T-Plate Oblique Angled 3.5mm 3hole, 5hole	Each 1 No.
141	Reconstruction Plate (DC Hole) 5hole, 6hole, 7hole, 8hole, 10hole	Each 1 No.
143	Cloverleaf Plate 3.5mm 3hole, 4hole	Each 1 No.
328B.12	Kirschner Wire 1.25mm/150mm	10 No.
328B.16	Kirschner Wire 1.6mm/150mm	10 No.
328B.20	Kirschner Wire 2.0mm/150mm	10 No.

Small Fragment Instruments Set

Code No.	Contents	Qty.
601.006	Drill Bits 2.0mm x 100mm For Quick Coupling	2 No.
601.008	Drill Bits 2.5mm x 110mm For Quick Coupling	2 No.
601.016	Drill Bits 3.5mm x 130mm For Quick Coupling	2 No.
603.001	Quick Coupling T Handle	1 No.
603.027	Tap 2.7mm Cortex Screw For Quick Coupling	1 No.
603.035	Tap 3.5mm Cortex Screw 20 TPI For Quick Coupling	2 No.
603.040	Tap 4.0mm Cancellous Screw For Quick Coupling	1 No.
605.027	Double Drill Sleeve 2.7/2.0mm	1 No.
605.035	Double Drill Sleeve 3.5/2.5mm	1 No.
606.035	Counter Sink Shaft For 3.5mm	1 No.
609.002	Depth Gauge For 2.4mm To 4.0mm Screw	1 No.
610.002	Screw Forceps Self Holding	1 No.
612.020	Small Hexagonal Screw Driver 2mm Tip	1 No.
612.025	Small Hexagonal Screw Driver 2.5mm Tip	1 No.
613.025	Small Hexagonal Screw Driver With Holding Sleeve 2.5mm Tip	1 No.
616.002	Bending Iron Small For Plate 2.7mm And 3.5mm	1 No.
660.010	Triple Drill Guide 2.0mm With 3hole & Opposite Side 1hole	1 No.
617.001	Sharp Hook	1 No.
660.013	K Wire Bender Iron	1 No.
660.014	Universal Wire Cutter/Bender/Pilers	1 No.
687.191	Self-Centering Bone Holding Forceps Length 191mm	1 No.
688.146	Reduction Forceps Serrated Jaws Length 146mm	1 No.
689.126	Reduction Forceps With Points Length 126mm	1 No.
706.008	Retractor Small 8mm Wide	2 No.
706.015	Retractor Small 15mm Wide	2 No.
AGC.16	Small Fragment Instrument Set in Graphic Case	1 No.

Small Fragment Locking Compression Implants

Implants

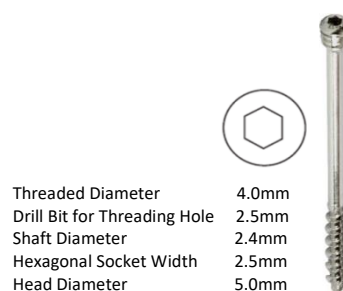
146 3.5mm Locking Compression Screw

Stainless Steel			Stainless Titanium		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
146.10	T146.10	10mm	146.30	T146.30	30mm
146.12	T146.12	12mm	146.32	T146.32	32mm
146.14	T146.14	14mm	146.34	T146.34	34mm
146.16	T146.16	16mm	146.36	T146.36	36mm
146.18	T146.18	18mm	146.38	T146.38	38mm
146.20	T146.20	20mm	146.40	T146.40	40mm
146.22	T146.22	22mm	146.45	T146.45	45mm
146.24	T146.24	24mm	146.50	T146.50	50mm
146.26	T146.26	26mm	146.55	T146.55	55mm
146.28	T146.28	28mm	146.60	T146.60	60mm



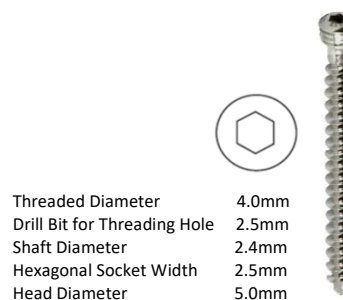
147 4.0mm Locking Cancellous Screw (Short Thread)

Stainless Steel			Stainless Titanium		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
147.12	T147.12	12mm	147.32	T147.32	32mm
147.14	T147.14	14mm	147.34	T147.34	34mm
147.16	T147.16	16mm	147.36	T147.36	36mm
147.18	T147.18	18mm	147.38	T147.38	38mm
147.20	T147.20	20mm	147.40	T147.40	40mm
147.22	T147.22	22mm	147.45	T147.45	45mm
147.24	T147.24	24mm	147.50	T147.50	50mm
147.26	T147.26	26mm	147.55	T147.55	55mm
147.28	T147.28	28mm	147.60	T147.60	60mm
147.30	T147.30	30mm			



148 4.0mm Locking Cancellous Screw (Full Thread)

Stainless Steel			Stainless Titanium		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
148.12	T148.12	12mm	148.32	T148.32	32mm
148.14	T148.14	14mm	148.34	T148.34	34mm
148.16	T148.16	16mm	148.36	T148.36	36mm
148.18	T148.18	18mm	148.38	T148.38	38mm
148.20	T148.20	20mm	148.40	T148.40	40mm
148.22	T148.22	22mm	148.45	T148.45	45mm
148.24	T148.24	24mm	148.50	T148.50	50mm
148.26	T148.26	26mm	148.55	T148.55	55mm
148.28	T148.28	28mm	148.60	T148.60	60mm
148.30	T148.30	30mm			



149 Small Locking Compression Plate 3.5mm

Stainless Steel	Stainless Titanium	Holes	Total Length in MM
149.04	T149.04	4hole	59mm
149.05	T149.05	5hole	72mm
149.06	T149.06	6hole	85mm
149.07	T149.07	7hole	98mm
149.08	T149.08	8hole	111mm
149.09	T149.09	9hole	124mm
149.10	T149.10	10hole	137mm
149.11	T149.11	11hole	150mm
149.12	T149.12	12hole	163mm



Thickness 3.4mm
Width 11.0mm
Distance between center of Holes: 39.0mm
Distance between center Holes: 9.4mm

Small Fragment Locking Compression Implants

150 Locking Compression T Plate, Right Angled 3.5mm

Stainless Steel	Titanium	Holes	Total Length in MM
150.03	T150.03	3hole	50mm
150.04	T150.04	4hole	61mm
150.05	T150.05	5hole	72mm
150.06	T150.06	6hole	83mm
150.07	T150.07	7hole	94mm
150.08	T150.08	8hole	105mm

Thickness 1.8mm
Head Width 24.0mm
Shaft Width 10.0mm



151 Locking Compression T Plate, Oblique Angled 3.5mm

LEFT

Stainless Steel	Titanium	Holes
151.03L	T151.03L	3hole
151.04L	T151.04L	4hole
151.05L	T151.05L	5hole
151.06L	T151.06L	6hole
151.07L	T151.07L	7hole
151.08L	T151.08L	8hole

RIGHT

Stainless Steel	Titanium	Hole
151.03R	T151.03R	3hole
151.04R	T151.04R	4hole
151.05R	T151.05R	5hole
151.06R	T151.06R	6hole
151.07R	T151.07R	7hole
151.08R	T151.08R	8hole



152 Locking Reconstruction Plate 3.5mm

Stainless Steel	Titanium	Holes
152.05	T152.05	5hole
152.06	T152.06	6hole
152.07	T152.07	7hole
152.08	T152.08	8hole
152.09	T152.09	9hole
152.10	T152.10	10hole

Stainless Steel	Titanium	Holes
152.11	T152.11	11hole
152.12	T152.12	12hole
152.14	T152.14	14hole
152.16	T152.16	16hole
152.18	T152.18	18hole
152.20	T152.20	20hole



153 Locking Proximal Humeral Plate 3.5mm

Stainless Steel	Titanium	Holes
153.03	T153.03	3hole
153.04	T153.04	4hole
153.05	T153.05	5hole
153.06	T153.06	6hole
153.07	T153.07	7hole
153.08	T153.08	8hole
153.09	T153.09	9hole
153.10	T153.10	10hole



154 Locking Medial Distal Tibial Plate 3.5mm

LEFT

Stainless Steel	Titanium	Holes
154.04L	T154.04L	4hole
154.05L	T154.05L	5hole
154.06L	T154.06L	6hole
154.07L	T154.07L	7hole
154.08L	T154.08L	8hole
154.09L	T154.09L	9hole
154.10L	T154.10L	10hole
154.12L	T154.12L	12hole
154.14L	T154.14L	14hole

RIGHT

Stainless Steel	Titanium	Holes
154.04R	T154.04R	4hole
154.05R	T154.05R	5hole
154.06R	T154.06R	6hole
154.07R	T154.07R	7hole
154.08R	T154.08R	8hole
154.09R	T154.09R	9hole
154.10R	T154.10R	10hole
154.12R	T154.12R	12hole
154.14R	T154.14R	14hole



Small Fragment Locking Compression Implants

155 Locking Cloverleaf Plate 3.5mm

Stainless		
Steel	Titanium	Holes
155.03	T155.03	3hole
155.04	T155.04	4hole
155.05	T155.05	5hole
155.06	T155.06	6hole
155.07	T155.07	7hole
155.08	T155.08	8hole



156 Locking Long Head Proximal Humeral Plate 3.5mm

Stainless		
Steel	Titanium	Holes
156.03	T156.03	3hole
156.04	T156.04	4hole
156.05	T156.05	5hole
156.06	T156.06	6hole
156.07	T156.07	7hole
156.08	T156.08	8hole
156.10	T156.10	10hole
156.12	T156.12	12hole



157 Locking Distal Humeral Plate with Support 3.5mm

LEFT			RIGHT		
Stainless			Stainless		
Steel	Titanium	Holes	Steel	Titanium	Holes
157.03L	T157.03L	3hole	157.03R	T157.03R	3hole
157.04L	T157.04L	4hole	157.04R	T157.04R	4hole
157.05L	T157.05L	5hole	157.05R	T157.05R	5hole
157.06L	T157.06L	6hole	157.06R	T157.06R	6hole
157.07L	T157.07L	7hole	157.07R	T157.07R	7hole
157.08L	T157.08L	8hole	157.08R	T157.08R	8hole
157.09L	T157.09L	9hole	157.09R	T157.09R	9hole
157.10L	T157.10L	10hole	157.10R	T157.10R	10hole



158 Locking Distal Humeral Plate 3.5mm

LEFT			RIGHT		
Stainless			Stainless		
Steel	Titanium	Holes	Steel	Titanium	Holes
158.03L	T158.03L	3hole	158.03R	T158.03R	3hole
158.04L	T158.04L	4hole	158.04R	T158.04R	4hole
158.05L	T158.05L	5hole	158.05R	T158.05R	5hole
158.06L	T158.06L	6hole	158.06R	T158.06R	6hole
158.07L	T158.07L	7hole	158.07R	T158.07R	7hole
158.08L	T158.08L	8hole	158.08R	T158.08R	8hole
158.09L	T158.09L	9hole	158.09R	T158.09R	9hole
158.10L	T158.10L	10hole	158.10R	T158.10R	10hole



Small Fragment Locking Compression Implants

159 Locking Medial Distal Humeral Plate 3.5mm

LEFT

Stainless Steel	Titanium	Holes
159.03L	T159.03L	3hole
159.04L	T159.04L	4hole
159.05L	T159.05L	5hole
159.06L	T159.06L	6hole
159.07L	T159.07L	7hole
159.08L	T159.08L	8hole
159.09L	T159.09L	9hole
159.10L	T159.10L	10hole

RIGHT

Stainless Steel	Titanium	Holes
159.03R	T159.03R	3hole
159.04R	T159.04R	4hole
159.05R	T159.05R	5hole
159.06R	T159.06R	6hole
159.07R	T159.07R	7hole
159.08R	T159.08R	8hole
159.09R	T159.09R	9hole
159.10R	T159.10R	10hole



160 Locking Superior Anterior Clavicle Plate 3.5mm

LEFT

Stainless Steel	Titanium	Holes
160.06L	T160.06L	6hole
160.07L	T160.07L	7hole
160.08L	T160.08L	8hole

RIGHT

Stainless Steel	Titanium	Holes
160.06R	T160.06R	6hole
160.07R	T160.07R	7hole
160.08R	T160.08R	8hole



161 Locking Superior Anterior Clavicle Plate with Lateral Extension 3.5mm

LEFT

Stainless Steel	Titanium	Holes
161.03L	T161.03L	3hole
161.04L	T161.04L	4hole
161.05L	T161.05L	5hole
161.06L	T161.06L	6hole
161.07L	T161.07L	7hole
161.08L	T161.08L	8hole

RIGHT

Stainless Steel	Titanium	Holes
161.03R	T161.03R	3hole
161.04R	T161.04R	4hole
161.05R	T161.05R	5hole
161.06R	T161.06R	6hole
161.07R	T161.07R	7hole
161.08R	T161.08R	8hole



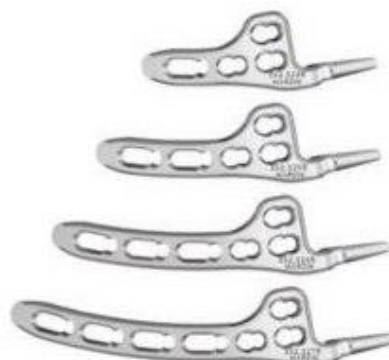
162 Locking Clavicle Hook Plate 3.5mm

LEFT

Total Holes	Hook depth 12mm Code No.	Hook depth 15mm Code No.	Hook depth 18mm Code No.
4hole	162A.124L	162B.154L	162C.184L
5hole	162A.125L	162B.155L	162C.185L
6hole	162A.126L	162B.156L	162C.186L
7hole	162A.127L	162B.157L	162C.187L

RIGHT

Total Holes	Hook depth 12mm Code No.	Hook depth 15mm Code No.	Hook depth 18mm Code No.
4hole	162A.124R	162B.154R	162C.184R
5hole	162A.125R	162B.155R	162C.185R
6hole	162A.126R	162B.156R	162C.186R
7hole	162A.127R	162B.157R	162C.187R



NOTE: To order "TITANIUM" Plate, please add "T" before Code No.

Small Fragment Locking Compression Implants

**163 Locking Medial Distal Tibia Plate 3.5mm
Without Tab**

LEFT

Stainless Steel	Titanium	Hole
163.04L	T163.04L	4hole
163.05L	T163.05L	5hole
163.06L	T163.06L	6hole
163.07L	T163.07L	7hole
163.08L	T163.08L	8hole
163.09L	T163.09L	9hole
163.10L	T163.10L	10hole
163.11L	T163.11L	11hole
163.12L	T163.12L	12hole
163.14L	T163.14L	14hole

RIGHT

Stainless Steel	Titanium	Hole
163.04R	T163.04R	4hole
163.05R	T163.05R	5hole
163.06R	T163.06R	6hole
163.07R	T163.07R	7hole
163.08R	T163.08R	8hole
163.09R	T163.09R	9hole
163.10R	T163.10R	10hole
163.11R	T163.11R	11hole
163.12R	T163.12R	12hole
163.14R	T163.14R	14hole



164 Locking Hook Plate 3.5mm

Stainless Steel	Titanium	Hole
164.03	T164.03	3hole



166 Locking Volar Distal Radius Plate 2.7mm

LEFT

Stainless Steel	Titanium	Hole
166.03L	T166.03L	3hole
166.04L	T166.04L	4hole
166.05L	T166.05L	5hole
166.06L	T166.06L	6hole

RIGHT

Stainless Steel	Titanium	Hole
166.03R	T166.03R	3hole
166.04R	T166.04R	4hole
166.05R	T166.05R	5hole
166.06R	T166.06R	6hole



167 Locking Calcaneal Plate 3.5mm

LEFT

Stainless Steel	Titanium
167.01L	T167.01L
167.02L	T167.02L
167.03L	T167.03L

RIGHT

Stainless Steel	Titanium
167.01R	T167.01R
167.02R	T167.02R
167.03R	T167.03R



168 Locking XVA Volar Distal Radius Plate 2.7mm

LEFT

Stainless Steel	Titanium	Hole
168.03L	T168.03L	3hole
168.04L	T168.04L	4hole
168.05L	T168.05L	5hole
168.06L	T168.06L	6hole

RIGHT

Stainless Steel	Titanium	Hole
168.03R	T168.03R	3hole
168.04R	T168.04R	4hole
168.05R	T168.05R	5hole
168.06R	T168.06R	6hole



Small Fragment Locking Compression Implants

171 Locking Olecranon Plate 3.5mm

LEFT

Stainless Steel		
Steel	Titanium	Hole
171.04L	T171.04L	4hole
171.05L	T171.05L	5hole
171.06L	T171.06L	6hole
171.07L	T171.07L	7hole
171.08L	T171.08L	8hole
171.09L	T171.09L	9hole
171.10L	T171.10L	10hole

RIGHT

Stainless Steel		
Steel	Titanium	Hole
171.04R	T171.04R	4hole
171.05R	T171.05R	5hole
171.06R	T171.06R	6hole
171.07R	T171.07R	7hole
171.08R	T171.08R	8hole
171.09R	T171.09R	9hole
171.10R	T171.10R	10hole



172 Locking Proximal Radius Neck Plate 2.7mm

Stainless Steel

Steel	Titanium	Hole
172.02	T172.02	2hole
172.03	T172.03	3hole
172.04	T172.04	4hole



173 Locking Proximal Radius Rim Plate 2.7mm

LEFT

Stainless Steel		
Steel	Titanium	Hole
173.02L	T173.02L	2hole
173.03L	T173.03L	3hole
173.04L	T173.04L	4hole

RIGHT

Stainless Steel		
Steel	Titanium	Hole
173.02R	T173.02R	2hole
173.03R	T173.03R	3hole
173.04R	T173.04R	4hole



174 Locking Anterolateran Distal Tibia Plate 3.5mm

LEFT

Stainless Steel		
Steel	Titanium	Hole
174.05L	T174.05L	5hole
174.06L	T174.06L	6hole
174.07L	T174.07L	7hole
174.08L	T174.08L	8hole
174.09L	T174.09L	9hole
174.10L	T174.10L	10hole
174.12L	T174.12L	12hole

RIGHT

Stainless Steel		
Steel	Titanium	Hole
174.05R	T174.05R	5hole
174.06R	T174.06R	6hole
174.07R	T174.07R	7hole
174.08R	T174.08R	8hole
174.09R	T174.09R	9hole
174.10R	T174.10R	10hole
174.12R	T174.12R	12hole



175 Locking Distal Febula Plate 3.5mm

Stainless Steel

Steel	Titanium	Hole
175.03	T175.03	3hole
175.04	T175.04	4hole
175.05	T175.05	5hole
175.06	T175.06	6hole
175.07	T175.07	7hole
175.08	T175.08	8hole
175.09	T175.09	9hole
175.10	T175.10	10hole



Small Fragment Locking Compression Implants

182 Locking Posterior Medial Proximal Tibia Plate 3.5mm

Stainless		
Steel	Titanium	Hole
182.03	T182.03	3hole
182.04	T182.04	4hole
182.05	T182.05	5hole
182.06	T182.06	6hole
182.07	T182.07	7hole
182.08	T182.08	8hole
182.10	T182.10	10hole



186 Locking Reconstruction (Thin) Plate 3.5mm

Stainless		
Steel	Titanium	Hole
186.04	T186.04	4hole
186.05	T186.05	5hole
186.06	T186.06	6hole
186.07	T186.07	7hole
186.08	T186.08	8hole
186.10	T186.10	10hole
186.12	T186.12	12hole
186.14	T186.14	14hole
186.16	T186.16	16hole
186.20	T186.20	20hole



187 Locking Distal Radius Plate 2.7mm

LEFT

Stainless		
Steel	Titanium	Hole
187.03L	T187.03L	3hole
187.05L	T187.05L	5hole

RIGHT

Stainless		
Steel	Titanium	Hole
187.03R	T187.03R	3hole
187.05R	T187.05R	5hole



188 Locking Distal Radius Buttress Plate 2.7mm

LEFT

Stainless		
Steel	Titanium	Hole
188.03L	T188.03L	3hole

RIGHT

Stainless		
Steel	Titanium	Hole
188.03R	T188.03R	3hole



189 Locking Distal Radius Plate 2.7mm Extra Articular (Head 5 Hole)

LEFT

Stainless		
Steel	Titanium	Hole
189.03L	T189.03L	3hole
189.05L	T189.05L	5hole

RIGHT

Stainless		
Steel	Titanium	Hole
189.03R	T189.03R	3hole
189.05R	T189.05R	5hole



Small Fragment Locking Compression Implants

190 Locking Distal Radius Plate 2.7mm Extra Articular (Head 4 Hole)

LEFT

Stainless Steel		
Steel	Titanium	Hole
190.03L	T190.03L	3hole
190.05L	T190.05L	5hole

RIGHT

Stainless Steel		
Steel	Titanium	Hole
190.03R	T190.03R	3hole
190.05R	T190.05R	5hole



191 Locking Distal Radius Plate 2.7mm Straight

Stainless Steel

Steel	Titanium	Hole
191.05	T191.05	5hole
191.06	T191.06	6hole



192 Locking Distal Radius L Plate 2.7mm (Head 2Hole)

LEFT

Stainless Steel		
Steel	Titanium	Hole
192.03L	T192.03L	3hole
192.04L	T192.04L	4hole

RIGHT

Stainless Steel		
Steel	Titanium	Hole
192.03R	T192.03R	3hole
192.04R	T192.04R	4hole



193 Locking Distal Radius L Plate 2.7mm (Head 3Hole)

LEFT

Stainless Steel		
Steel	Titanium	Hole
193.03L	T193.03L	3hole
193.04L	T193.04L	4hole

RIGHT

Stainless Steel		
Steel	Titanium	Hole
193.03R	T193.03R	3hole
171.04R	T193.04R	4hole



194 Locking Distal Radius L Plate Oblique Angled 2.7mm (Head 3Hole)

LEFT

Stainless Steel		
Steel	Titanium	Hole
194.03L	T194.03L	3hole
194.04L	T194.04L	4hole

RIGHT

Stainless Steel		
Steel	Titanium	Hole
194.03R	T194.03R	3hole
194.04R	T194.04R	4hole



195 Locking Distal Radius T Plate 2.7mm (Head 3Hole)

Stainless Steel		
Steel	Titanium	Hole
195.03	T195.03	3hole
195.04	T195.04	4hole



196 Locking Anatomical Proximal Tibia Plate 3.5mm

LEFT

Stainless Steel		
Steel	Titanium	Hole
196.04L	T196.04L	4hole
196.05L	T196.05L	5hole
196.06L	T196.06L	6hole
196.07L	T196.07L	7hole
196.08L	T196.08L	8hole
196.09L	T196.09L	9hole
196.10L	T196.10L	10hole
196.11L	T196.11L	11hole
196.12L	T196.12L	12hole
196.13L	T196.13L	13hole
196.15L	T196.15L	15hole

RIGHT

Stainless Steel		
Steel	Titanium	Hole
196.04R	T196.04R	4hole
196.05R	T196.05R	5hole
196.06R	T196.06R	6hole
196.07R	T196.07R	7hole
196.08R	T196.08R	8hole
196.09R	T196.09R	9hole
196.10R	T196.10R	10hole
196.11R	T196.11R	11hole
196.12R	T196.12R	12hole
196.13R	T196.13R	13hole
196.15R	T196.15R	15hole



197 Locking Proximal Tibia Plate 3.5mm

LEFT

Stainless Steel		
Steel	Titanium	Hole
197.04L	T197.04L	4hole
197.06L	T197.06L	6hole
197.08L	T197.08L	8hole
197.010L	T197.10L	10hole
197.012L	T197.12L	12hole

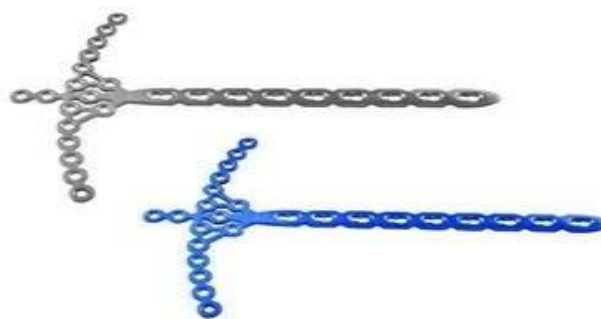
RIGHT

Stainless Steel		
Steel	Titanium	Hole
197.04R	T197.04R	4hole
197.06R	T197.06R	6hole
197.08R	T197.08R	8hole
197.10R	T197.10R	10hole
197.12R	T197.12R	12hole



454 Locking PILON Tibial Plate 3.5mm

Stainless Steel		
Steel	Titanium	Hole
454.07	T454.07	7hole
454.08	T454.08	8hole
454.09	T454.09	9hole



Small Fragment Locking Compression Implants

Small Fragment Locking Compression Instruments

Instruments

	
<p>601.007 Drill Bits 2.0mm x 125mm for Quick Coupling 601.008 Drill Bits 2.5mm x 110mm for Quick Coupling 601.010 Drill Bits 2.7mm x 110mm for Quick Coupling 601.016 Drill Bits 3.5mm x 110mm for Quick Coupling</p>	<p>603.001 Quick Coupling T Handle</p>
 	
<p>603.035 Tap 3.5mm for Quick Coupling 110/50mm (20TPI) 603.040 Tap 4.0mm for Quick Coupling 110/75mm</p>	<p>605.035 Double Drill Sleeve 3.5/2.5mm</p>
	
<p>606.035 Counter Sink Shaft for 3.5mm Length 72mm</p>	<p>733.035 Drill Sleeve For Locking Compression Plate 3.5mm, For Drill Bits 2.8mm</p>
	
<p>609.002 Depth Gauge for 2.4mm to 4.0mm Screw</p>	<p>610.002 Mini Screw Forceps Self Holding</p>
	
<p>612.025 Small Hexagonal Screw Driver 2.5mm Tip</p>	<p>613.025 Small Hexagonal Screw Driver with Holding Sleeve 2.5mm Tip</p>
	
<p>616.002 Bending Iron Small for Plate 2.7mm & 3.5mm</p>	<p>617.001 Sharp Hook</p>



660.010 Triple Drill Guide 2.0mm with 3hole & opposite side 1hole



660.013 K Wire Bender Iron



660.014 Universal Wire Cutter / Bender / Pliers



687.191 Self Centering Bone Holding Forceps Length 191mm



688.146 Reduction Forceps Serrated Jaws Length 146mm



689.126 Reduction Forceps With Points Length 126mm



706.008 Retractor Small 8mm Wide
 706.015 Retractor Small 15mm Wide

Small Fragment LCP Instrument Box

Small Fragment Locking Implants Set

Code No.	Contents	Qty.
146	3.5mm LCP Locking Head Screws (Self Tapping) Length 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm,45mm, 50mm	Each 5 No.
147	4.0mm Locking Cancellous Screw (Short Th.) Length 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 35mm, 40mm, 45mm, 50mm	Each 2 No.
148	4.0mm Locking Cancellous Screw (Full Th.) 14mm, 16mm, 18mm,20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm	Each 2 No.
126	3.5mm Cortex Screw Length 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm,45mm, 50mm	Each 6 No.
130	4mm Cancellous Screws Short Thread Length 12mm, 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 35mm, 40mm, 45mm, 50mm	Each 2 No.
131	4mm Cancellous Screws Fully Thread Length 12mm, 14mm, 16mm, 18mm,20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm	Each 3 No.
125.01	Washer 10mm/4.6mm for small Screws	6 No.
149	Small Locking Compression Plate 3.5mm - 5hole, 6hole, 7hole, 8hole, 9hole 10hole, 12hole	Each 2 No. Each 1 No.
150	Locking Compression T Plate, Right Angled 3.5mm 3hole, 4hole, 5hole, 6hole, 7hole	Each 1 No.
151L	Locking Compression T Plate, Oblique Angled 3.5mm (Left) 3hole, 4hole, 5hole, 6hole, 7hole	Each 1 No.
151R	Locking Compression T Plate, Oblique Angled 3.5mm (Right) 3hole, 4hole, 5hole, 6hole, 7hole	Each 1 No.
152	Locking Reconstruction Plate 3.5mm – 5hole, 6hole, 7hole, 8hole 10hole, 12hole	Each 2 No Each 1 No
153	Locking Proximal Humeral Plate 3.5mm 4hole, 5hole, 6hole, 7hole, 8hole	Each 1 No
328B.12	Kirschner Wire 1.25mm/150mm	10 No.
328B.16	Kirschner Wire 1.6mm/150mm	10 No.
328B.20	Kirschner Wire 2.0mm/150mm	10 No.

Small Fragment Locking Compression Instruments Set

Code No.	Contents	Qty.
601.006	Drill Bits 2.0mm x 100mm for Quick Coupling	2 No.
601.008	Drill Bits 2.5mm x 110mm for Quick Coupling	2 No.
601.016	Drill Bits 3.5mm x 130mm for Quick Coupling	2 No.
601.019	Drill Bits 2 . 8mm x 145mm for Quick Coupling	2 No.
601.021	Drill Bits 2 . 3mm x 130 mm for Quick Coupling	2 No.
603.001	Quick Coupling T Handle	1 No.
603.027	Tap 2 . 7mm Cortex Screws for Quick Coupling	1 No.
603.035	Tap 3.5mm Cortex Screws 20 TPI for Quick Coupling	2 No.
603.040	Tap 4.0mm Cancellous Screws for Quick Coupling	1 No.
605.027	Double Drill Sleeve 2 . 7/2 . 0mm	1 No.
605.035	Double Drill Sleeve 3 . 5/2 . 5mm	1 No.
606.035	Counter Sink Shaft for 3.5mm	1 No.
609.002	Depth Gauge for 2.4mm to 4.0mm Screws	1 No.
610.002	Screw Forceps Self-Holding	1 No.
612.020	Small Hexagonal Screw Driver 2mm Tip	1 No.
612.025	Small Hexagonal Screw Driver 2.5mm Tip	1 No.
613.025	Small Hexagonal Screw Driver With Holding Sleeve 2.5mm Tip	1 No.
616.002	Bending Iron Small for Plates 2.7 and 3.5mm	1 No.
660.010	Triple Drill Guide 2.0mm With 3 Hole Opposite Side 1 Hole	1 No.
617.001	Sharp Hook	1 No.
660.013	K Wire Bender Iron	1 No.
660.014	Universal Wire Cutter / Bender / Pliers	1 No.
687.191	Self-centering Bone Holding Forceps Length 191mm	1 No.
688.146	Reduction Forceps Serrated jaws Length 146mm	1 No.
689.126	Reduction Forceps With Points Length 126mm	1 No.
706.008	Retractor Small 8mm wide	2 No.
706.015	Retractor Small 15mm wide	2 No.
733.027	Drill Sleeve For Locking Compression Plate 2 . 7mm, For Drill Bits 2 . 3mm	1 No.
733.035	Drill Sleeve For Locking Compression Plate 3.5mm, For Drill Bits 2.8mm	1 No.
734.035	Tap 3.5mm Locking Screw For Quick Coupling	1 No.
735.025	Limit Small Hexagonal Screw Driver 2.5mm Tip	1 No.
AGC.16	Small Fragment Instrument Set in Graphic Case	1 No.

Large Fragment Implants & Instruments

Large Screws & Plate for 4.5mm & 6.5mm Implants

201 Washer 13.0mm for Large Screws 13.0mm / 6.6mm

Stainless Steel		Titanium
201.01		T201.01



202 4.5mm Cortex Screw

Stainless Steel			Stainless Steel		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
202.14	T202.14	14mm	202.52	T202.52	52mm
202.16	T202.16	16mm	202.54	T202.54	54mm
202.18	T202.18	18mm	202.56	T202.56	56mm
202.20	T202.20	20mm	202.58	T202.58	58mm
202.22	T202.22	22mm	202.60	T202.60	60mm
202.24	T202.24	24mm	202.62	T202.62	62mm
202.26	T202.26	26mm	202.64	T202.64	64mm
202.28	T202.28	28mm	202.66	T202.66	66mm
202.30	T202.30	30mm	202.68	T202.68	68mm
202.32	T202.32	32mm	202.70	T202.70	70mm
202.34	T202.34	34mm			
202.36	T202.36	36mm			
202.38	T202.38	38mm			
202.40	T202.40	40mm			
202.42	T202.42	42mm			
202.44	T202.44	44mm			
202.46	T202.46	46mm			
202.48	T202.48	48mm			
202.50	T202.50	50mm			

Threaded Diameter 4.5mm
 Drill Bit for Threading Hole 3.2mm
 Drill Bit for Gliding Hole 4.5mm
 Core Diameter 3.0mm
 Hexagonal Socket Width 3.5mm
 Head Diameter 8.0mm



452 Cortex Screw 4.5mm (Self Tapping)

Stainless Steel		
Steel	Titanium	Length in MM
452.14	T452.14	14mm
452.16	T452.16	16mm
452.18	T452.18	18mm
452.20	T452.20	20mm
452.22	T452.22	22mm
452.24	T452.24	24mm
452.26	T452.26	26mm
452.28	T452.28	28mm
452.30	T452.30	30mm
452.32	T452.32	32mm
452.34	T452.34	34mm
452.36	T452.36	36mm
452.38	T452.38	38mm
452.40	T452.40	40mm
452.42	T452.42	42mm
452.44	T452.44	44mm
452.46	T452.46	46mm
452.48	T452.48	48mm
452.50	T452.50	50mm

Threaded Diameter 4.5mm
 Drill Bit for Threading Hole 3.2mm
 Drill Bit for Gliding Hole 4.5mm
 Core Diameter 3.0mm
 Hexagonal Socket Width 3.5mm
 Head Diameter 8.0mm



Large Fragment Implants

204 4.5mm Malleolar Screw

Stainless Steel	Titanium	Length in MM	Thread Length
204.20	T204.20	20mm	10mm
204.25	T204.25	25mm	12mm
204.30	T204.30	30mm	15mm
204.35	T204.35	35mm	18mm
204.40	T204.40	40mm	20mm
204.45	T204.45	45mm	22mm
204.50	T204.50	50mm	24mm
204.55	T204.55	55mm	26mm
204.60	T204.60	60mm	28mm
204.65	T204.65	65mm	30mm
204.70	T204.70	70mm	32mm

Stainless Steel	Titanium	Length in MM	Thread Length
204.75	T204.75	75mm	34mm
204.80	T204.80	80mm	36mm
204.85	T204.85	85mm	38mm
204.90	T204.90	90mm	40mm

Threaded Diameter 4.5mm
 Drill Bit for Threading Hole 3.2mm
 Shaft Diameter 3.0mm
 Core Diameter 3.0mm
 Hexagonal Socket Width 3.5mm
 Head Diameter 8.0mm



205 6.5mm Cancellous Screw (16mm Thread)

Stainless Steel	Titanium	Length in MM
205.20	T205.20	20mm
205.25	T205.25	25mm
205.30	T205.30	30mm
205.35	T205.35	35mm
205.40	T205.40	40mm
205.45	T205.45	45mm
205.50	T205.50	50mm
205.55	T205.55	55mm
205.60	T205.60	60mm
205.65	T205.65	65mm
205.70	T205.70	70mm
205.75	T205.75	75mm
205.80	T205.80	80mm
205.85	T205.85	85mm

Stainless Steel	Titanium	Length in MM
205.90	T205.90	90mm
205.95	T205.95	95mm
205.100	T205.100	100mm
205.105	T205.105	105mm
205.110	T205.110	110mm
205.115	T205.115	115mm
205.120	T205.120	120mm

Threaded Diameter 6.5mm
 Thread Length 16.0mm
 Drill Bit for Threading Hole 3.2mm
 Shaft Diameter 4.5mm
 Drill Bit for Shaft Optional 4.5mm
 Core Diameter 3.0mm
 Hexagonal Socket Width 3.5mm
 Head Diameter 8.0mm



206 6.5mm Cancellous Screw (32mm Thread)

Stainless Steel	Titanium	Length in MM
206.45	T206.45	45mm
206.50	T206.50	50mm
206.55	T206.55	55mm
206.60	T206.60	60mm
206.65	T206.65	65mm
206.70	T206.70	70mm
206.75	T206.75	75mm
206.80	T206.80	80mm
206.85	T206.85	85mm
206.90	T206.90	90mm
206.95	T206.95	95mm
206.100	T206.100	100mm
206.105	T206.105	105mm
206.110	T206.110	110mm
206.115	T206.115	115mm
206.120	T206.120	120mm

Threaded Diameter 6.5mm
 Thread Length 32.0mm
 Drill Bit for Threading Hole 3.2mm
 Shaft Diameter 4.5mm
 Drill Bit for Shaft Optional 4.5mm
 Core Diameter 3.0mm
 Hexagonal Socket Width 3.5mm
 Head Diameter 8.0mm



Large Fragment Implants

207 6.5mm Cancellous Screw (Full Thread)

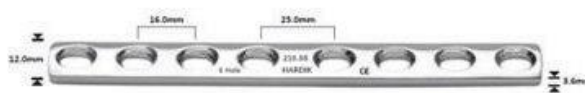
Stainless Steel	Titanium	Length in MM
207.20	T207.20	20mm
207.25	T207.25	25mm
207.30	T207.30	30mm
207.35	T207.35	35mm
207.40	T207.40	40mm
207.45	T207.45	45mm
207.50	T207.50	50mm
207.55	T207.55	55mm
207.60	T207.60	60mm
207.65	T207.65	65mm
207.70	T207.70	70mm
207.75	T207.75	75mm
207.80	T207.80	80mm
207.85	T207.85	85mm
207.90	T207.90	90mm
207.95	T207.95	95mm
207.100	T207.100	100mm
207.105	T207.105	105mm
207.110	T207.110	110mm
207.115	T207.115	115mm
207.120	T207.120	120mm

Threaded Diameter 6.5mm
 Drill Bit for Threading Hole 3.2mm
 Core Diameter 3.0mm
 Hexagonal Socket Width 3.5mm
 Head Diameter 8.0mm



210 Narrow DCP 4.5mm

Stainless Steel	Titanium	Hole	Total Length in MM
210.02	T210.02	2hole	39mm
210.03	T210.03	3hole	55mm
210.04	T210.04	4hole	71mm
210.05	T210.05	5hole	87mm
210.06	T210.06	6hole	103mm
210.07	T210.07	7hole	119mm
210.08	T210.08	8hole	135mm
210.09	T210.09	9hole	151mm
210.10	T210.10	10hole	167mm
210.11	T210.11	11hole	183mm
210.12	T210.12	12hole	199mm
210.14	T210.14	14hole	231mm
210.16	T210.16	16hole	263mm

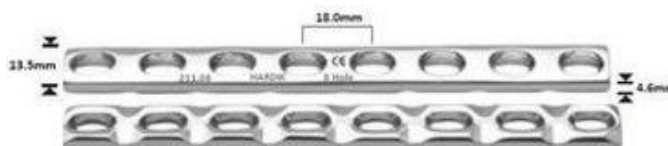


Thickness 3.6mm
 Width 12.0mm
 Hole Spacing 16.0mm
 Middle Hole Spacing 25.0mm

Fixation with 4.5mm and 6.5mm screws. All plate hole are designed as self-compressing hole. The end hole are designed for Cancellous bone screws.
 INDICATION: As Neutralization and Tension Bend Plate on the tibia (Not- intended for the femur).
 Use Plate with 2, 3, or 4 holes in exceptional cases only, Use With DCP Drill Sleeve 4.5 mm

211 Narrow LC - DCP 4.5mm

Stainless Steel	Titanium	Hole	Total Length in MM
211.04	T211.04	4hole	70mm
211.05	T211.05	5hole	88mm
211.06	T211.06	6hole	106mm
211.07	T211.07	7hole	124mm
211.08	T211.08	8hole	142mm
211.09	T211.09	9hole	160mm
211.10	T211.10	10hole	178mm
211.11	T211.11	11hole	196mm
211.12	T211.12	12hole	214mm
211.14	T211.14	14hole	250mm
211.16	T211.16	16hole	286mm



Thickness 4.6mm
 Width 13.5mm
 Hole Spacing 18.0mm

LC-DCP= Limited Contact Dynamic Compression Plate

Fixation with 4.5mm and 6.5mm screws. The LC-DCP hole allow compression in both direction of longitudinal axis.

The end hole are suitable for Cancellous bone screws. Undercut for vascular preservation.

INDICATION: As Neutralization and Tension Bend Plate on the tibia (Not- intended for the femur).

Use the Instruments for LC-DCP Plates 4.5mm, LC-DCP Drill Sleeve, and Bending Iron Pair for LC-DCP /DCP,

Plate Bender Roller Type

Large Fragment Implants

213 Broad DCP 4.5mm

Stainless Steel	Titanium	Hole	Total Length in MM
213.04	T213.04	4hole	71mm
213.05	T213.05	5hole	87mm
213.06	T213.06	6hole	103mm
213.07	T213.07	7hole	119mm
213.08	T213.08	8hole	135mm
213.09	T213.09	9hole	151mm
213.10	T213.10	10hole	167mm
213.11	T213.11	11hole	183mm
213.12	T213.12	12hole	199mm
213.13	T213.13	13hole	215mm
213.14	T213.14	14hole	231mm
213.16	T213.16	16hole	263mm
213.18	T213.18	18hole	295mm



Thickness 4.5mm
Width 16.0mm
Hole Spacing 16.0mm
Middle Hole Spacing 25.0mm

DCP=Dynamic Compression Plate with spherical gliding principle
Fixation with 4.5mm and 6.5mm screws. All plate hole are designed as self-compressing hole
The end hole are designed for Cancellous bone screws.
INDICATION: As Tension Bend Plate on the femur and for humeral pseudo arthrosis (Not- intended for the tibia).
Use Plate with 6 or 7 hole in exceptional cases only, e.g. on the humerus.
Use With DCP Drill Sleeve 4.5 mm

214 Broad LC-DCP 4.5mm

Stainless Steel	Titanium	Hole	Total Length in MM
214.06	T214.06	6hole	106mm
214.07	T214.07	7hole	124mm
214.08	T214.08	8hole	142mm
214.09	T214.09	9hole	160mm
214.10	T214.10	10hole	178mm
214.11	T214.11	11hole	196mm
214.12	T214.12	12hole	214mm
214.14	T214.14	14hole	250mm
214.16	T214.16	16hole	286mm
214.18	T214.18	18hole	322mm



Thickness 4.5mm
Width 17.5mm
Hole Spacing 18.0mm

LC-DCP= Limited Contact Dynamic Compression Plate

Fixation with 4.5mm and 6.5mm screws. The LC-DCP hole allow compression in both direction of longitudinal axis.
The end hole are suitable for Cancellous bone screws. Undercut for vascular preservation.
INDICATION: As a Tension Bend Plate on the femur and for humeral pseudoarthrosis (Not-intended for the tibia).
Use Broad Plate with 6 or 7 Hole in exceptional cases only. E.g. on the Humerus. Use the Instruments for LC-DCP Plates 4.5mm, LC-DCP Drill Sleeve, and Bending Iron Pair for LC-DCP /DCP, Plate Bender Roller Type

215 T-Buttress Plate 4.5mm

Stainless Steel	Titanium	Hole	Total Length in MM
215.03	T215.03	3hole	65mm
215.04	T215.04	4hole	81mm
215.05	T215.05	5hole	96mm
215.06	T215.06	6hole	112mm
215.07	T215.07	7hole	128mm
215.08	T215.08	8hole	144mm
215.09	T215.09	9hole	160mm
215.10	T215.10	10hole	176mm
215.11	T215.11	11hole	192mm
215.12	T215.12	12hole	208mm



Thickness 2.0mm
Shaft Width 16.0mm
Head Width 33.0mm
Head Hole 2hole

Fixation with 4.5mm and 6.5mm Screws. Shaft with round profile, for humeral and Tibia head.

216 T - Plate 4.5mm

Stainless Steel	Titanium	Hole	Total Length in MM
216.03	T216.03	3hole	68mm
216.04	T216.04	4hole	84mm
216.05	T216.05	5hole	100mm
216.06	T216.06	6hole	116mm
216.07	T216.07	7hole	132mm
216.08	T216.08	8hole	148mm
216.09	T216.09	9hole	164mm
216.10	T216.10	10hole	180mm
216.11	T216.11	11hole	196mm
216.12	T216.12	12hole	212mm



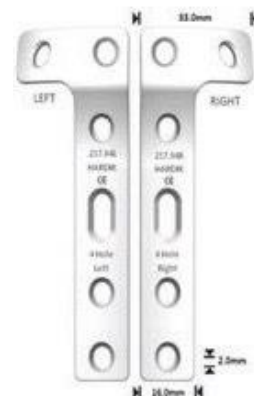
Thickness 2.0mm
Shaft Width 16.0mm
Head Width 33.0mm
Head Hole 2hole

Fixation with 4.5mm and 6.5mm Screws. Shaft with round profile, for humeral and Tibia head.

Large Fragment Implants

217 L-Buttress Plate 4.5mm

LEFT				RIGHT			
Stainless Steel	Titanium	Hole	Total Length in MM	Stainless Steel	Titanium	Hole	Total Length in MM
217.03L	T217.03L	3hole	69mm	217.03R	T217.03R	3hole	69mm
217.04L	T217.04L	4hole	85mm	217.04R	T217.04R	4hole	85mm
217.05L	T217.05L	5hole	101mm	217.05R	T217.05R	5hole	101mm
217.06L	T217.06L	6hole	117mm	217.06R	T217.06R	6hole	117mm
217.07L	T217.07L	7hole	133mm	217.07R	T217.07R	7hole	133mm
217.08L	T217.08L	8hole	149mm	217.08R	T217.08R	8hole	149mm
217.09L	T217.09L	9hole	165mm	217.09R	T217.09R	9hole	165mm
217.10L	T217.10L	10hole	181mm	217.10R	T217.10R	10hole	181mm
217.12L	T217.12L	12hole	213mm	217.12R	T217.12R	12hole	213mm



Fixation with 4.5mm and 6.5mm Screws. With double bend, as buttress for Tibia and humeral head fractures.

Left angled, for right leg
Right angled, for left leg

Thickness 2.0mm
Shaft Width 16.0mm
Head Width 33.0mm

220 Lateral Tibia Head Buttress Plate 4.5mm

LEFT				RIGHT			
Stainless Steel	Titanium	Hole	Total Length in MM	Stainless Steel	Titanium	Hole	Total Length in MM
220.04L	T220.04L	4hole	101mm	220.04R	T220.04R	4hole	101mm
220.05L	T220.05L	5hole	117mm	220.05R	T220.05R	5hole	117mm
220.06L	T220.06L	6hole	133mm	220.06R	T220.06R	6hole	133mm
220.07L	T220.07L	7hole	149mm	220.07R	T220.07R	7hole	149mm
220.08L	T220.08L	8hole	165mm	220.08R	T220.08R	8hole	165mm
220.09L	T220.09L	9hole	181mm	220.09R	T220.09R	9hole	181mm
220.10L	T220.10L	10hole	197mm	220.10R	T220.10R	10hole	197mm
220.11L	T220.11L	11hole	213mm	220.11R	T220.11R	11hole	213mm
220.13L	T220.13L	13hole	245mm	220.13R	T220.13R	13hole	245mm



Fixation with 4.5mm and 6.5mm Screws. Shaft with DCP Dynamic Compression hole and slot for Tension Device
Left angled, for right leg & Right angled, for left leg.

Thickness 3.8mm
Shaft Width 14.0mm
Hole Spacing 16.0mm

221 Condylar Buttress Plate 4.5mm

LEFT			RIGHT		
Stainless Steel	Titanium	Hole	Stainless Steel	Titanium	Hole
221.06L	T221.06L	6hole	221.06R	T221.06R	6hole
221.07L	T221.07L	7hole	221.07R	T221.07R	7hole
221.08L	T221.08L	8hole	221.08R	T221.08R	8hole
221.09L	T221.09L	9hole	221.09R	T221.09R	9hole
221.10L	T221.10L	10hole	221.10R	T221.10R	10hole
221.11L	T221.11L	11hole	221.11R	T221.11R	11hole
221.13L	T221.13L	13hole	221.13R	T221.13R	13hole
221.15L	T221.15L	15hole	221.15R	T221.15R	15hole



Thickness 5.0mm
Shaft Width 16.0mm
Hole Spacing 16.0mm

Fixation with 4.5mm and 6.5mm Screws. Shaft with DCP Dynamic Compression hole and slot for Tension Device.
As buttress for femoral Condylar with multiple fragment fractures.

Large Fragment Implants

Large Fragment Instruments for 4.5mm & 6.5mm

Instruments

	
<p>601.006 Drill Bits 2.0mm x 100mm for Quick Coupling 601.011 Drill Bits 3.2mm x 145mm for Quick Coupling 601.014 Drill Bits 4.5mm x 145mm for Quick Coupling</p>	<p>603.001 Quick Coupling T Handle</p>
 	
<p>603.045 Tap 4.5mm for Quick Coupling 125/70mm 603.065 Tap 6.5mm for Quick Coupling 180mm</p>	<p>604.045 Tap 4.5mm with Fixed T Handle 175/70mm 604.065 Tap 6.5mm with Fixed T Handle 230mm</p>
 	
<p>605.032 Double Drill Sleeve 4.5/3.2mm 605.065 Double Drill Sleeve 6.5/3.2mm</p>	<p>606.045 Counter Sink Shaft for 4.5mm Length 100mm</p>
	
<p>607.045 DCP Drill Sleeve 4.5mm for 3.2mm Drill</p>	<p>618.045 LC-DCP Drill Sleeve 4.5mm for use 3.2mm Drill</p>
	
<p>609.003 Depth Gauge for 4.5mm & 6.5mm Screws</p>	<p>610.002 Mini Screw Forceps Self Holding</p>
	
<p>612.035 Small Hexagonal Screw Driver 3.5mm Tip</p>	<p>613.035 Large Hexagonal Screw Driver with Holding Sleeve 3.5mm Tip</p>

	
<p>614.035 Shaft Hexagonal Screw Driver 3.5mm Tip</p>	<p>616.008 Bending Pliers for 4.5mm Reconstruction Plate</p>
	
<p>616.006 Bending Iron Large for DCP/ LC-DCP</p>	<p>616.007 Bending Pliers with Rolls</p>
	
<p>617.001 Sharp Hook</p>	<p>687.239 Self Centering Bone Holding Forceps Length 239mm 687.277 Self Centering Bone Holding Forceps Length 277mm</p>
	
<p>688.255 Reduction Forceps Serrated Jaws Length 255mm</p>	<p>687.191 Reduction Forceps With Points Length 191mm</p>
	
<p>706.018 Retractor Small 6mm Wide 706.024 Retractor Small 8mm Wide</p>	<p>711.008 Periosteal Elevator Curved Blade 14mm wide</p>

DCP Plate Set, 4.5mm

Code No.	Contents	Qty.
208	Semi Tubular Plate 4.5mm 4hole, 5hole, 6hole, 7hole	Each 2 No.
210	Narrow DCP 4.5mm 4hole, 5hole	Each 2 No.
210	6hole	4 No.
210	7hole, 8hole, 9hole	Each 2 No.
210	10hole, 12hole	Each 1 No.
213	Broad DCP 4.5mm 6hole, 7hole, 8hole	Each 2 No.
213	9hole, 10hole, 12hole, 14hole	Each 1 No.
215	T-Buttress Plate 4.5mm 4hole	1 No.
216	T-Plate 4.5mm 4hole, 6hole, 8hole	Each 1 No.
217	L-Buttress Plate 4.5mm Left 4hole	1 No.
217	L-Buttress plate 4.5mm Right 4hole	1 No.
219	Spoon Plate 4.5mm 5hole, 6hole	Each 1 No.

LC-DCP Plate Set, 4.5mm

Code No.	Contents	Qty.
208	Semi Tubular Plate 4.5mm 4hole, 5hole, 6hole, 7hole	Each 2 No.
211	Narrow LC-DCP 4.5mm 4hole, 5hole. 6hole. 7hole, 8hole, 9hole	Each 2 No.
211	10hole, 12hole	Each 1 No.
212	Broad LC-DCP 4.5mm 6hole, 7hole, 8hole	Each 2 No.
212	9hole, 10hole, 12hole, 14hole	Each 1 No.
215	T-Buttress Plate 4.5mm 4hole	1 No.
216	T-Plate 4.5mm 4hole, 6hole, 8hole	Each 1 No.
217	L-Buttress Plate 4.5mm Left 4hole	1 No.
217	L-Buttress plate 4.5mm Right 4hole	1 No.
219	Spoon Plate 4.5mm 5hole, 6hole	Each 1 No.

4.5mm & 6.5mm Screw Set

Code No.	Contents	Qty.
202	4.5mm Cortex Screw Length 14mm, 16mm, 18mm	Each 4 No.
202	20mm, 22mm, 24mm, 26mm, 28mm	Each 8 No.
202	30mm, 32mm, 34mm, 36mm, 38mm, 40mm	Each 12 No.
202	42mm, 44mm, 46mm, 48mm, 50mm, 52mm 54mm, 56mm, 58mm, 60mm, 62mm, 64mm	Each 4 No.
203	4.5mm LC-DCP Shaft Screw Length 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm, 42mm, 44mm, 46mm, 48mm, 50mm	Each 2 No.
204	4.5mm Malleolar Screw 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm	Each 2 No.
205	6.5mm Cancellous Screw (16mm Th.) Length 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm	Each 4 No.
206	6.5mm Cancellous Screw (32mm Th.) Length 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm	Each 4 No.
207	6.5mm Cancellous Screw Full Thread Length 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm	Each 4 No.
201	Washer 13/6.6mm for Large Screws	6 No.
610.002	Screw Holding Forceps Self holding	1 No.

Large Fragment Basic Instruments Set

Code No.	Contents	Qty.
601.006	Drill Bits 2.0mm x 100mm for Quick Coupling	2 No.
601.011	Drill Bits 3.2mm x 145mm for Quick Coupling	2 No.
601.015	Drill Bits 4.5mm x 195mm for Quick Coupling	2 No.
603.001	Quick Coupling T Handle	1 No.
603.045	Tap For 4.5mm Cortex Screw For Quick Coupling	1 No.
605.045	Double Drill Sleeve 4.5/3.2mm	1 No.
606.045	Counter Sink for 4.5mm	1 No.
609.003	Depth Gauge for 4.5mm to 6.5mm Screws	1 No.
610.002	Screw Forceps Self-Holding	1 No.
612.035	Large Hexagonal Screw Driver 3.5mm Tip	1 No.
613.035	Large Hexagonal Screw Driver With Holding Sleeve 3.5mm Tip	1 No.
616.007	Bending Pliers With Rolls	1 No.
617.001	Sharp Hook	1 No.
707.018	Retractor Small 18mm Wide	2 No.
707.024	Retractor Small 24mm Wide	2 No.
687.277	Self-Centering Bone Holding Forceps Length 277mm	1 No.
688.255	Reduction Forceps Serrated Jaw Length 255mm	1 No.
689.205	Reduction Forceps With Points length 205mm	1 No.
AGC.17	Large Fragment Instrument Graphic Case	1 No.

Large Fragment Locking Compression Implants

Implants

225 5.0mm Locking Compression Screw

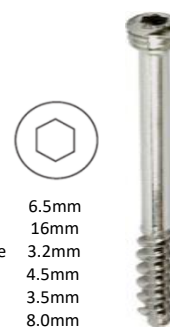
Stainless Steel			Stainless Titanium		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
225.14	T225.14	14mm	225.38	T225.38	38mm
225.16	T225.16	16mm	225.40	T225.40	40mm
225.18	T225.18	18mm	225.42	T225.42	42mm
225.20	T225.20	20mm	225.44	T225.44	44mm
225.22	T225.22	22mm	225.46	T225.46	46mm
225.24	T225.24	24mm	225.48	T225.48	48mm
225.26	T225.26	26mm	225.50	T225.50	50mm
225.28	T225.28	28mm	225.55	T225.55	55mm
225.30	T225.30	30mm	225.60	T225.60	60mm
225.32	T225.32	32mm	225.65	T225.65	65mm
225.34	T225.34	34mm	225.70	T225.70	70mm
225.36	T225.36	36mm			



Threaded Diameter 5.0mm
Drill Bit for Threading Hole 4.3mm
Hexagonal Socket Width 3.5mm
Head Diameter 6.5mm

226 6.5mm Locking Cancellous Screw (16mm Th.)

Stainless Steel			Stainless Titanium		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
226.20	T226.20	20mm	226.75	T226.75	75mm
226.25	T226.25	25mm	226.80	T226.80	80mm
226.30	T226.30	30mm	226.85	T226.85	85mm
226.35	T226.35	35mm	226.90	T226.90	90mm
226.40	T226.40	40mm	226.95	T226.95	95mm
226.45	T226.45	45mm	226.100	T226.100	100mm
226.50	T226.50	50mm	226.105	T226.105	105mm
226.55	T226.55	55mm	226.110	T226.110	110mm
226.60	T226.60	60mm	226.115	T226.115	115mm
226.65	T226.65	65mm	226.120	T226.120	120mm
226.70	T226.70	70mm			



Threaded Diameter 6.5mm
Thread Length 16mm
Drill Bit for Threading Hole 3.2mm
Shaft Diameter 4.5mm
Hexagonal Socket Width 3.5mm
Head Diameter 8.0mm

227 6.5mm Locking Cancellous Screw (32mm Th.)

Stainless Steel			Stainless Titanium		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
227.45	T227.45	45mm	227.85	T227.85	85mm
227.50	T227.50	50mm	227.90	T227.90	90mm
227.55	T227.55	55mm	227.95	T227.95	95mm
227.60	T227.60	60mm	227.100	T227.100	100mm
227.65	T227.65	65mm	227.105	T227.105	105mm
227.70	T227.70	70mm	227.110	T227.110	110mm
227.75	T227.75	75mm	227.115	T227.115	115mm
227.80	T227.80	80mm	227.120	T227.120	120mm



Threaded Diameter 6.5mm
Thread Length 32mm
Drill Bit for Threading Hole 3.2mm
Shaft Diameter 4.5mm
Hexagonal Socket Width 3.5mm
Head Diameter 8.0mm

228 6.5mm Locking Cancellous Screw (Full Th.)

Stainless Steel			Stainless Titanium		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
228.20	T228.20	20mm	228.75	T228.75	75mm
228.25	T228.25	25mm	228.80	T228.80	80mm
228.30	T228.30	30mm	228.85	T228.85	85mm
228.35	T228.35	35mm	228.90	T228.90	90mm
228.40	T228.40	40mm	228.95	T228.95	95mm
228.45	T228.45	45mm	228.100	T228.100	100mm
228.50	T228.50	50mm	228.105	T228.105	105mm
228.55	T228.55	55mm	228.110	T228.110	110mm
228.60	T228.60	60mm	228.115	T228.115	115mm
228.65	T228.65	65mm	228.120	T228.120	120mm
228.70	T228.70	70mm			



Threaded Diameter 6.5mm
Drill Bit for Threading Hole 3.2mm
Hexagonal Socket Width 3.5mm
Head Diameter 8.0mm

Large Fragment Locking Compression Implants

244 5.5mm Locking Cancellous Screw (16mm Th.)

Stainless Steel			Stainless Titanium		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
226.20	T226.20	20mm	226.75	T226.75	75mm
226.25	T226.25	25mm	226.80	T226.80	80mm
226.30	T226.30	30mm	226.85	T226.85	85mm
226.35	T226.35	35mm	226.90	T226.90	90mm
226.40	T226.40	40mm	226.95	T226.95	95mm
226.45	T226.45	45mm	226.100	T226.100	100mm
226.50	T226.50	50mm	226.105	T226.105	105mm
226.55	T226.55	55mm	226.110	T226.110	110mm
226.60	T226.60	60mm	226.115	T226.115	115mm
226.65	T226.65	65mm	226.120	T226.120	120mm
226.70	T226.70	70mm			



Threaded Diameter 6.5mm
Thread Length 16mm
Drill Bit for Threading Hole 3.2mm
Shaft Diameter 4.5mm
Hexagonal Socket Width 3.5mm
Head Diameter 8.0mm



245 5.5mm Locking Cancellous Screw (32mm Th.)

Stainless Steel			Stainless Titanium		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
227.45	T227.45	45mm	227.85	T227.85	85mm
227.50	T227.50	50mm	227.90	T227.90	90mm
227.55	T227.55	55mm	227.95	T227.95	95mm
227.60	T227.60	60mm	227.100	T227.100	100mm
227.65	T227.65	65mm	227.105	T227.105	105mm
227.70	T227.70	70mm	227.110	T227.110	110mm
227.75	T227.75	75mm	227.115	T227.115	115mm
227.80	T227.80	80mm	227.120	T227.120	120mm



Threaded Diameter 6.5mm
Thread Length 32mm
Drill Bit for Threading Hole 3.2mm
Shaft Diameter 4.5mm
Hexagonal Socket Width 3.5mm
Head Diameter 8.0mm



246 5.5mm Locking Cancellous Screw (Full Th.)

Stainless Steel			Stainless Titanium		
Steel	Titanium	Length in MM	Steel	Titanium	Length in MM
228.20	T228.20	20mm	228.75	T228.75	75mm
228.25	T228.25	25mm	228.80	T228.80	80mm
228.30	T228.30	30mm	228.85	T228.85	85mm
228.35	T228.35	35mm	228.90	T228.90	90mm
228.40	T228.40	40mm	228.95	T228.95	95mm
228.45	T228.45	45mm	228.100	T228.100	100mm
228.50	T228.50	50mm	228.105	T228.105	105mm
228.55	T228.55	55mm	228.110	T228.110	110mm
228.60	T228.60	60mm	228.115	T228.115	115mm
228.65	T228.65	65mm	228.120	T228.120	120mm
228.70	T228.70	70mm			



Threaded Diameter 6.5mm
Drill Bit for Threading Hole 3.2mm
Hexagonal Socket Width 3.5mm
Head Diameter 8.0mm



229 Narrow Locking Compression Plate 4.5mm/5.0mm

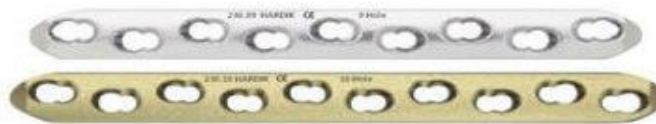
Stainless Steel	Titanium	Hole
229.02	T229.02	2Hole
229.04	T229.04	4hole
229.05	T229.05	5hole
229.06	T229.06	6hole
229.07	T229.07	7hole
229.08	T229.08	8hole
229.09	T229.09	9hole
229.10	T229.10	10hole
229.11	T229.11	11hole
229.12	T229.12	12hole
229.14	T229.14	14hole



Large Fragment Locking Compression Implants

230 Broad Locking Compression Plate 4.5mm/5.0mm

Stainless		
Steel	Titanium	Hole
230.04	T230.04	4hole
230.05	T230.05	5hole
230.06	T230.06	6hole
230.07	T230.07	7hole
230.08	T230.08	8hole
230.09	T230.09	9hole
230.10	T230.10	10hole
230.11	T230.11	11hole
230.12	T230.12	12hole
230.14	T230.14	14hole
230.16	T230.16	16hole



231 Locking Reconstruction Plate 4.5mm/5.0mm

Stainless		
Steel	Titanium	Hole
231.04	T231.04	4hole
231.05	T231.05	5hole
231.06	T231.06	6hole
231.07	T231.07	7hole
231.08	T231.08	8hole
231.09	T231.09	9hole
231.10	T231.10	10hole
231.11	T231.11	11hole
231.12	T231.12	12hole
231.14	T231.14	14hole
231.16	T231.16	16hole



232 Locking L Buttress Plate 4.5mm/5.0mm

LEFT			RIGHT		
Stainless			Stainless		
Steel	Titanium	Hole	Steel	Titanium	Hole
232.04L	T232.04L	4hole	232.04R	T232.04R	4hole
232.05L	T232.05L	5hole	232.05R	T232.05R	5hole
232.06L	T232.06L	6hole	232.06R	T232.06R	6hole
232.07L	T232.07L	7hole	232.07R	T232.07R	7hole
232.08L	T232.08L	8hole	232.08R	T232.08R	8hole
232.09L	T232.09L	9hole	232.09R	T232.09R	9hole
232.10L	T232.10L	10hole	232.10R	T232.10R	10hole



233 Locking T Buttress Plate 4.5mm/5.0mm

Stainless		
Steel	Titanium	Hole
233.04	T233.04	4hole
233.05	T233.05	5hole
233.06	T233.06	6hole
233.07	T233.07	7hole
233.08	T233.08	8hole
233.09	T233.09	9hole
233.10	T233.10	10hole



234 Locking T Plate 4.5mm/5.0mm

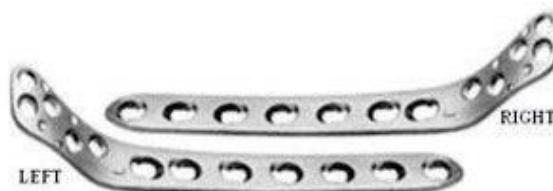
Stainless		
Steel	Titanium	Hole
234.04	T234.04	4hole
234.05	T234.05	5hole
234.06	T234.06	6hole
234.07	T234.07	7hole
234.08	T234.08	8hole
234.09	T234.09	9hole
234.10	T234.10	1hole



Large Fragment Locking Compression Implants

235 Locking Lateral Tibia Plate 4.5mm/5.0mm

LEFT			RIGHT		
Stainless Steel			Stainless Steel		
Steel	Titanium	Hole	Steel	Titanium	Hole
235.04L	T235.04L	4hole	235.04R	T235.04R	4hole
235.05L	T235.05L	5hole	235.05R	T235.05R	5hole
235.06L	T235.06L	6hole	235.06R	T235.06R	6hole
235.07L	T235.07L	7hole	235.07R	T235.07R	7hole
235.08L	T235.08L	8hole	235.08R	T235.08R	8hole
235.09L	T235.09L	9hole	235.09R	T235.09R	9hole
235.10L	T235.10L	10hole	235.10R	T235.10R	10hole
235.11L	T235.11L	11hole	235.11R	T235.11R	11hole
235.13L	T235.13L	13hole	235.13R	T235.13R	13hole
235.15L	T235.15L	15hole	235.15R	T235.15R	15hole



236 Locking Proximal Tibia Plate 4.5mm/5.0mm

LEFT			RIGHT		
Stainless Steel			Stainless Steel		
Steel	Titanium	Hole	Steel	Titanium	Hole
236.04L	T236.04L	4hole	236.04R	T236.04R	4hole
236.05L	T236.05L	5hole	236.05R	T236.05R	5hole
236.06L	T236.06L	6hole	236.06R	T236.06R	6hole
236.07L	T236.07L	7hole	236.07R	T236.07R	7hole
236.08L	T236.08L	8hole	236.08R	T236.08R	8hole
236.09L	T236.09L	9hole	236.09R	T236.09R	9hole
236.10L	T236.10L	10hole	236.10R	T236.10R	10hole
236.12L	T236.12L	12hole	236.12R	T236.12R	11hole
236.14L	T236.14L	14hole	236.14R	T236.14R	14hole



237 Locking Distal Femoral Plate 4.5mm/5.0mm

LEFT			RIGHT		
Stainless Steel			Stainless Steel		
Steel	Titanium	Hole	Steel	Titanium	Hole
237.04L	T237.04L	4hole	237.04R	T237.04R	4hole
237.05L	T237.05L	5hole	237.05R	T237.05R	5hole
237.06L	T237.06L	6hole	237.06R	T237.06R	6hole
237.07L	T237.07L	7hole	237.07R	T237.07R	7hole
237.08L	T237.08L	8hole	237.08R	T237.08R	8hole
237.09L	T237.09L	9hole	237.09R	T237.09R	9hole
237.10L	T237.10L	10hole	237.10R	T237.10R	10hole
237.11L	T237.11L	11hole	237.11R	T237.11R	11hole
237.13L	T237.13L	13hole	237.13R	T237.13R	13hole



238 Locking Condylar Buttress Plate 4.5mm/5.0mm

LEFT			RIGHT		
Stainless Steel			Stainless Steel		
Steel	Titanium	Hole	Steel	Titanium	Hole
238.05L	T238.05L	5hole	238.05R	T238.05R	5hole
238.06L	T238.06L	6hole	238.06R	T238.06R	6hole
238.07L	T238.07L	7hole	238.07R	T238.07R	7hole
238.08L	T238.08L	8hole	238.08R	T238.08R	8hole
238.09L	T238.09L	9hole	238.09R	T238.09R	9hole
238.10L	T238.10L	10hole	238.10R	T238.10R	10hole
238.11L	T238.11L	11hole	238.11R	T238.11R	11hole
238.13L	T238.13L	13hole	238.13R	T238.13R	13hole



Large Fragment Locking Compression Implants

239 Locking Proximal Femoral Plate 4.5mm/5.0mm

LEFT			RIGHT		
Stainless Steel			Stainless Steel		
Steel	Titanium	Hole	Steel	Titanium	Hole
239.03L	T239.03L	3hole	239.03R	T239.03R	3hole
239.04L	T239.04L	4hole	239.04R	T239.04R	4hole
239.05L	T239.05L	5hole	239.05R	T239.05R	5hole
239.06L	T239.06L	6hole	239.06R	T239.06R	6hole
239.07L	T239.07L	7hole	239.07R	T239.07R	7hole
239.08L	T239.08L	8hole	239.08R	T239.08R	8hole
239.09L	T239.09L	9hole	239.09R	T239.09R	9hole
239.10L	T239.10L	10hole	239.10R	T239.10R	10hole
239.11L	T239.11L	11hole	239.11R	T239.11R	11hole
239.12L	T239.12L	12hole	239.12R	T239.12R	12hole



241 Locking Metaphyseal Plate 3.5mm/4.5mm/5.0mm



Stainless Steel		
Steel	Titanium	Hole
241.03	T241.03	5 + 3hole
241.04	T241.04	5 + 4hole
241.05	T241.05	5 + 5hole
241.06	T241.06	5 + 6hole
241.07	T241.07	5 + 7hole
241.08	T241.08	5 + 8hole
241.09	T241.09	5 + 9hole
241.10	T241.10	5 + 10hole



Large Fragment Locking Compression Implants

Large Fragment Locking Compression Instruments

Instruments

	
<p>601.006 Drill Bits 2.0mm x 100mm for Quick Coupling 601.011 Drill Bits 3.2mm x 145mm for Quick Coupling 601.020 Drill Bits 4.3mm x 225mm for Quick Coupling</p>	<p>603.001 Quick Coupling T Handle</p>
	
<p>603.045 Tap 4.5mm for Quick Coupling 125/70mm 603.065 Tap 6.5mm for Quick Coupling 180mm</p>	<p>605.032 Double Drill Sleeve 4.5/3.2mm 605.065 Double Drill Sleeve 6.5/3.2mm</p>
	
<p>606.045 Counter Sink Shaft for 4.5mm Length 100mm</p>	<p>733.050 Drill Sleeve For Locking Compression Plate 3.5mm, For Drill Bits 4.3mm</p>
	
<p>733.065 Drill Sleeve For Locking Compression Plate 6.5mm, For Drill Bits 4.5mm</p>	<p>609.003 Depth Gauge for 4.5mm & 6.5mm Screws</p>
	
<p>610.002 Mini Screw Forceps Self Holding</p>	<p>612.035 Small Hexagonal Screw Driver 3.5mm Tip</p>
	

613.035	Large Hexagonal Screw Driver with Holding Sleeve 3.5mm Tip	616.007	Bending Pliers with Rolls
			
617.001	Sharp Hook	687.239 687.277	Self Centering Bone Holding Forceps Length 239mm Self Centering Bone Holding Forceps Length 277mm
			
688.255	Reduction Forceps Serrated Jaws Length 255mm	687.191	Reduction Forceps With Points Length 191mm
			
706.018 706.024	Retractor Small 18mm Wide Retractor Small 24mm Wide		

Large Fragment Locking Compression Implants Set

Code No.	Contents	Qty.
225	5.0mm Locking Compression Screw 14mm, 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm, 42mm 44mm, 46mm, 48mm, 50mm, 55mm, 60mm	Each 5 No. Each 3 No.
202	4.5mm Cortex Screw 14mm, 16mm, 18mm 20mm, 22mm, 24mm 26mm, 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm, 42mm 44mm, 46mm, 48mm, 50mm, 52mm, 54mm, 56mm, 58mm, 60mm	Each 4 No. Each 6 No. Each 12 No. Each 4 No.
226	6.5mm Locking Cancellous Screw (16mm Th.) 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm	Each 2 No.
227	6.5mm Locking Cancellous Screw (32mm Th.) 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm	Each 2 No.
228	6.5mm Locking Cancellous Screw (Full Th.) 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm	Each 3 No.
205	6.5mm Cancellous Screw (16mm Th.) Length 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm	Each 3 No.
206	6.5mm Cancellous Screw (32mm Th.) Length 45mm, 50mm, 55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm	Each 3 No.
207	6.5mm Cancellous Screw Full Thread Length 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 55mm, 60mm	Each 3 No.
201	Washer 13/6.6mm for Large Screws	6 No.
229	Narrow Locking Compression Plate 4.5mm/5.0mm – 4hole, 5hole 6hole, 7hole, 8hole, 9hole, 10hole 11hole, 12hole, 14hole	Each 1 No. Each 2 No. Each 1 No.
230	Broad Locking Compression Plate 4.5mm/5.0mm 6hole, 7hole, 8hole, 9hole, 10hole, 11hole, 12hole, 14hole, 16hole	Each 1 No.
231	Locking Reconstruction Plate 4.5mm/5.0mm 5hole, 6hole, 7hole, 8hole, 10hole, 12hole	Each 1 No.
233	Locking T Buttress Plate 4.5mm/5.0mm 4hole, 5hole, 6hole, 7hole	Each 1 No.
235L	Locking Proximal Lateral Tibia Plate 4.5mm/5.0mm (Left) 5hole, 7hole, 9hole, 11hole	Each 1 No.
235R	Locking Proximal Lateral Tibia Plate 4.5mm/5.0mm (Right) 5hole, 7hole, 9hole, 11hole	Each 1 No.
237L	Locking Distal Femoral Plate 4.5mm/5.0mm (Left) 5hole, 6hole, 7hole, 8hole, 9hole, 11hole	Each 1 No.
237R	Locking Distal Femoral Plate 4.5mm/5.0mm (Right) 5hole, 6hole, 7hole, 8hole, 9hole, 11hole	Each 1 No.

Large Fragment Locking Compression Instruments Set

Code No.	Contents	Qty.
601.006	Drill Bits 2.0mm x 100mm for Quick Coupling	2 No.
601.011	Drill Bits 3.2mm x 145mm for Quick Coupling	2 No.
601.015	Drill Bits 4.5mm x 195mm for Quick Coupling	2 No.
601.020	Drill Bits 4.3mm x 225mm for Quick Coupling	2 No.
603.001	Quick Coupling T Handle	1 No.
603.045	Tap 4.5mm Cortex Screws for Quick Coupling	1 No.
603.065	Tap 6.5mm LCP Cancellous Screws for Quick Coupling	1 No.
605.045	Double Drill Sleeve 4.5/3.2mm	1 No.
606.045	Counter Sink Shaft for 4.5mm	1 No.
609.003	Depth Gauge for 4.5mm & 6.5mm Screws	1 No.
610.002	Screw Forceps Self-Holding	1 No.
612.035	Large Hexagonal Screw Driver 3.5mm Tip	1 No.
613.035	Large Hexagonal Screw Driver With Holding Sleeve 3.5mm Tip	1 No.
616.007	Bending Pliers with Rolls	1 No.
617.001	Sharp Hook	1 No.
706.018	Retractor Small 18mm wide	2 No.
706.024	Retractor Small 24mm wide	2 No.
733.050	Drill Sleeve For Locking Compression Plate 4.5mm, For Drill Bits 4.3mm	1 No.
733.065	Drill Sleeve For Locking Compression Plate 6.5mm, For Drill Bits 4.5mm	1 No.
734.05	Tap For 5.0mm LCP Screws For Quick Coupling	1 No.
735.035	Limit Large Hexagonal Screw Driver 3.5mm Tip	1 No.
687.277	Self-centering Bone Holding Forceps Length 277mm	1 No.
688.255	Reduction Forceps Serrated jaws Length 255mm	1 No.
689.205	Reduction Forceps With Points Length 205mm	1 No.
AGC.17	Large Fragment Instrument Graphic Case	1 No.

DHS/DCS Implants & Instruments

DHS/DCS Plate with DC Holes

Implants

251 DHS/DCS Lag Screws

For use with DHS/DCS Plates with Compression Screw.

Stainless Steel	Titanium	Length
251.50	251.50	50mm
251.55	251.55	55mm
251.60	251.60	60mm
251.65	251.65	65mm
251.70	251.70	70mm
251.75	251.75	75mm
251.80	251.80	80mm
251.85	251.85	85mm
251.90	251.90	90mm
251.95	251.95	95mm
251.100	251.100	100mm
251.105	251.105	105mm
251.110	251.110	110mm
251.115	251.115	115mm
251.120	251.120	120mm



Thread Diameter 12.5mm
Thread Length 22.0mm
Shaft Diameter 8.0mm

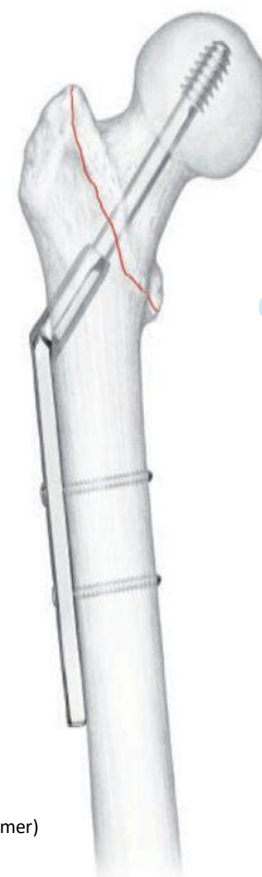
252 DHS Plate (DC Hole) 38mm Barrel

With DC hole dynamic compression holes and slot for tension device. Fixation with 4.5mm cortex screw. For Pertrochanteric and Intertrochanteric fractures. (Barrel length 38mm(Long Barrel) use with DHS Triple Reamer)
Use with DHS/DCS Lag Screw Code No.251.



Nos. Of Hole	Length In MM	125°Code No.252A	130°Code No.252B	135°Code No.252C	140°Code No.252D
2hole	46mm	----	252B.02	252C.02	----
3hole	62mm	----	252B.03	252C.03	----
4hole	78mm	252A.04	252B.04	252C.04	252D.04
5hole	94mm	252A.05	252B.05	252C.05	252D.05
6hole	110mm	252A.06	252B.06	252C.06	252D.06
7hole	126mm	252A.07	252B.07	252C.07	252D.07
8hole	142mm	252A.08	252B.08	252C.08	252D.08
9hole	158mm	----	252B.09	252C.09	----
10hole	174mm	252A.10	252B.10	252C.10	----
11hole	190mm	----	252B.11	252C.11	----
12hole	206mm	----	252B.12	252C.12	----
13hole	222mm	----	----	252C.13	----
14hole	238mm	----	252B.14	252C.14	----
16hole	270mm	----	252B.16	252C.16	----
18hole	302mm	----	----	252C.18	----

Plate Thickness 5.8mm
Width 19.0mm
Hole Spacing 16.0mm
Barrel Diameter 12.6mm
Barrel Length 38.0mm



DHS & DCS Implants

253 DHS Plate (DC Hole) 32mm Barrel

For Diagram & Specification refer Code No.252. Differ in **Barrel Length 32mm** ((Medium barrel) use with DHS Triple Reamer)
Use with DHS/DCS Lag Screw Code No.251.

254 DHS Plate (DC Hole) 25mm Barrel

For Diagram & Specification refer Code No.252. Differ in **Barrel Length 25mm** ((Short barrel) use with DHS Triple Reamer)
Use with DHS/DCS Lag Screw Code No.251.

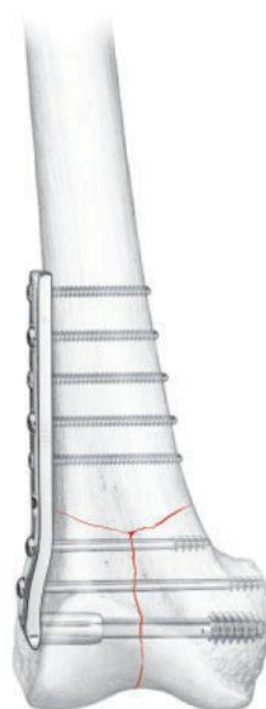
255 95° DCS Plate (DC Hole)

With DC hole dynamic compression holes and slot for tension device. Fixation with 4.5mm cortex screw. For Condylar fractures, avoids further damage to the bone (Barrel length 25mm use with DCS Triple Reamer)
Use with DHS/DCS Lag Screw Code No.251

Stainless Steel	Total Holes	Length
255.04	4hole	82mm
255.05	5hole	98mm
255.06	6hole	114mm
255.07	7hole	130mm
255.08	8hole	146mm
255.09	9hole	162mm
255.10	10hole	178mm
255.11	11hole	194mm
255.12	12hole	210mm
255.13	13hole	226mm
244.14	14hole	242mm
255.16	16hole	274mm
255.18	18hole	300mm
255.20	20hole	338mm



Plate Thickness 5.8mm
Width 19.0mm
Hole Spacing 16.0mm
Barrel Diameter 12.6mm
Barrel Length 25.0mm



DHS/DCS Plate with Round Holes

257 DHS Plate (Round Hole) 38mm Barrel

With Round hole and slot for tension device. Fixation with 4.5mm cortex screw. For Pertrochanteric and Intertrochanteric fractures. (Barrel length 38mm(Long Barrel) use with DHS Triple Reamer)
Use with DHS/DCS Lag Screw Code No.251.



Thickness 5.8mm
Width 19.0mm
Hole Spacing 16.0mm
Barrel Diameter 12.6mm
Barrel Length 38.0mm

Nos. Of Hole	Length In MM	125°Code No.257A	130°Code No.257B	135°Code No.257C	140°Code No.257D
2hole	46mm	----	257B.02	257C.02	----
3hole	62mm	----	257B.03	257C.03	----
4hole	78mm	257A.04	257B.04	257C.04	257D.04
5hole	94mm	257A.05	257B.05	257C.05	257D.05
6hole	110mm	257A.06	257B.06	257C.06	257D.06
7hole	126mm	257A.07	257B.07	257C.07	257D.07
8hole	142mm	257A.08	257B.08	257C.08	257D.08
9hole	158mm	----	257B.09	257C.09	----
10hole	174mm	257A.10	257B.10	257C.10	----
11hole	190mm	----	257B.11	257C.11	----
12hole	206mm	----	257B.12	257C.12	----
13hole	222mm	----	----	257C.13	----
14hole	238mm	----	257B.14	257C.14	----
16hole	270mm	----	257B.16	257C.16	----
18hole	302mm	----	----	257C.18	----

258 DHS Plate (Round Hole) 32mm Barrel

For Diagram & Specification refer Code No.257. Differ in **Barrel Length 32mm** ((Medium barrel) use with DHS Triple Reamer)
Use with DHS/DCS Lag Screw Code No.251.

259 DHS Plate (Round Hole) 25mm Barrel

For Diagram & Specification refer Code No.257. Differ in **Barrel Length 25mm** ((Short barrel) use with DHS Triple Reamer)
Use with DHS/DCS Lag Screw Code No.251.

DHS & DCS Implants

260 95° DCS Plate (Round Hole)

With Round hole and slot for tension device. Fixation with 4.5mm cortex screw. For Condylar fractures, avoids further damage to the bone (Barrel length 25mm use with DCS Triple Reamer)
Use with DHS/DCS Lag Screw Code No.251

Stainless Steel		
Steel	Total Holes	Length
260.05	5hole	98mm
260.06	6hole	114mm
260.07	7hole	130mm
260.08	8hole	146mm
260.09	9hole	162mm
260.10	10hole	178mm
260.11	11hole	194mm
260.12	12hole	210mm
260.13	13hole	226mm
260.14	14hole	242mm
260.16	16hole	274mm
260.18	18hole	306mm
260.20	20hole	338mm



Thickness 5.8mm
Width 19.0mm
Hole Spacing 16.0mm
Barrel Diameter 12.6mm
Barrel Length 25.0mm

261 Locking DHS Plate (Round Hole) 38mm Barrel



Thickness 5.8mm
Width 19.0mm
Hole Spacing 16.0mm
Barrel Diameter 12.6mm
Barrel Length 38.0mm

Nos. Of Hole	Length In MM	125°Code	130°Code	135°Code	140°Code
		No.261A	No.261B	No.261C	No.261D
3hole	62mm	----	261B.03	261C.03	----
4hole	78mm	261A.04	261B.04	261C.04	261D.04
5hole	94mm	261A.05	261B.05	261C.05	261D.05
6hole	110mm	261A.06	261B.06	261C.06	261D.06
7hole	126mm	261A.07	261B.07	261C.07	261D.07
8hole	142mm	261A.08	261B.08	261C.08	261D.08
9hole	158mm	261A.09	261B.09	261C.09	----
10hole	174mm	257A.10	261B.10	261C.10	261D.10

262 Locking DHS Plate (Round Hole) 25mm Barrel



Thickness 5.8mm
Width 19.0mm
Hole Spacing 16.0mm
Barrel Diameter 12.6mm
Barrel Length 38.0mm

Nos. Of Hole	Length In MM	125°Code	130°Code	135°Code	140°Code
		No.262A	No.262B	No.262C	No.262D
3hole	62mm	----	262B.03	262C.03	----
4hole	78mm	262A.04	262B.04	262C.04	262D.04
5hole	94mm	262A.05	262B.05	262C.05	262D.05
6hole	110mm	262A.06	262B.06	262C.06	262D.06
7hole	126mm	262A.07	262B.07	262C.07	263D.07
8hole	142mm	262A.08	262B.08	262C.08	264D.08
9hole	158mm	262A.09	262B.09	262C.09	----
10hole	174mm	262A.10	262B.10	262C.10	----

265 Compression Screw (For DHS/DCS Lag Screw)

Use with DHS/DCS Lag Screw Code No.251

Thread Diameter 4.0mm
Total Length 36.0mm
Hexagonal Socket 3.5mm



DHS/DCS Instruments

Instruments

Instrument for DHS/DCS Implants

	
<p>651.001 DHS Angled Guide Adjustable 125° to 150°</p>	<p>651.095 95° DCS Angled Guide</p>
<p>651.125 DHS 125° Angled Guide Fixed 651.130 DHS 130° Angled Guide Fixed 651.135 DHS 135° Angled Guide Fixed 651.140 DHS 140° Angled Guide Fixed</p> 	
<p>DHS Angled Guide</p>	<p>651.002 DHS/DCS T-Handle with Quick Coupling</p>
	
<p>651.003 DHS Triple Reamer for 38mm barrel Length</p>	<p>651.004 DHS Triple Reamer for 25mm barrel Length</p>
	
<p>651.005 DHS/DCS Centering Sleeve Short for Tap</p>	<p>651.006 DHS/DCS Lag Screw Tap</p>
	
<p>651.007 DHS/DCS Centering Sleeve Long for DHS/DCS Wrench</p>	<p>651.008 DHS/DCS Wrench</p>
	
<p>651.009 Coupling Screw for DHS Lag Screw</p>	<p>651.010 DHS/DCS Impactor</p>



651.011 | Guide Shaft



651.012 | Coupling Sleeve for Guide Shaft



670.250 | Direct Measuring Device for 2.5mm Guide Wire

Sterilization Containers with Two Trays

DHS/DCS Implant Set

Code No.	Contents	Qty.
DHS Implant Set		
251	DHS/DCS Lag Screws 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm, 115mm, 120mm	Each 1 No
252A	DHS Plate (DC Hole) 38mm Barrel 125° Angle 4hole, 5hole, 6hole	Each 1 No
252B	DHS Plate (DC Hole) 38mm Barrel 130° Angle 4hole, 5hole, 6hole, 7hole	Each 1 No
252C	DHS Plate (DC Hole) 38mm Barrel 135° Angle 4hole, 5hole, 6hole, 7hole	Each 1 No
252D	DHS Plate (DC Hole) 38mm Barrel 140° Angle 4hole, 5hole, 6hole	Each 1 No
254B	DHS Plate (DC Hole) 25mm Barrel 130° Angle 4hole	1 No.
254C	DHS Plate (DC Hole) 25mm Barrel 135° Angle 4hole	1 No.
265	Compression Screws	3 No.
DCS Implant Set		
251	DHS/DCS Lag Screws 50mm, 55mm, 60mm, 65mm, 70mm, 75mm.	Each 2 No
255	95° DCS Plate (DC Hole) 6hole, 8hole, 10hole	Each 2 No
255	12hole, 14hole, 16hole	Each 1 No
265	Compression Screws	6 No.

DHS/DCS Instrument Set

Code No.	Contents	Qty.
651.001	DHS Angled Guide Adjustable 125° to 150°	1 No.
651.095	DCS 95° Angled Guide	1 No.
651.002	DHS/DCS T-Handle with Quick Coupling	1 No.
651.003	DHS Triple Reamer For 38mm Barrel length	1 No.
651.004	DCS Triple Reamer For 25mm Barrel length	1 No.
651.005	DHS/DCS Centering Sleeve Short for Tap	1 No.
651.006	DHS/DCS Tap	1 No.
651.007	DHS/DCS Centering Sleeve Long for DHS/DCS Wrench	1 No.
651.008	DHS/DCS Wrench	1 No.
651.009	Coupling Screw for DHS Lag Screws	1 No.
651.010	DHS/DCS Impactor	1 No.
651.011	Guide Shaft	1 No.
651.012	Coupling Sleeve for Guide Shaft	1 No.
670.250	Direct Measuring Device for 2.5mm Guide Wire	1 No.
672.250	Guide Wire 2.5mm With Threaded Tip	10 No.
612.035	Large Hexagonal Screw Driver 3.5mm Tip	1 No.

DHS/DCS Basic Implant Set

Code No.	Contents	Qty.
DHS Implant Set		
251	DHS/DCS Lag Screws 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm, 115mm, 120mm	Each 1 No
252A	DHS Plate (DC Hole) 38mm Barrel 125° Angle 4hole, 5hole, 6hole	Each 1 No
252B	DHS Plate (DC Hole) 38mm Barrel 130° Angle 4hole, 5hole, 6hole, 7hole	Each 1 No
252C	DHS Plate (DC Hole) 38mm Barrel 135° Angle 4hole, 5hole, 6hole, 7hole	Each 1 No
252D	DHS Plate (DC Hole) 38mm Barrel 140° Angle 4hole, 5hole, 6hole	Each 1 No
254B	DHS Plate (DC Hole) 25mm Barrel 130° Angle 4hole, 5hole	Each 1 No
254C	DHS Plate (DC Hole) 25mm Barrel 135° Angle 4hole, 5hole	Each 1 No
265	Compression Screws	6 No.
DCS Implant Set		
251	DHS/DCS Lag Screws 50mm, 55mm, 60mm, 65mm, 70mm, 75mm	Each 2 No
255	95° DCS Plate (DC Hole) 6hole, 8hole, 10hole	Each 2 No
255	12hole, 14hole, 16hole	Each 1 No
265	Compression Screws	6 No.
4.5mm Cortex Screw Implant Set		
202	4.5mm Cortex Screws 28mm, 30mm, 48mm, 50mm, 52mm, 54mm	Each 3 No.
202	44mm, 46mm	Each 6 No.
202	32mm, 34mm, 36mm, 38mm, 42mm	Each 8 No.
202	40mm	10 No.
328B.20	Kirschner Wire 2.0mm / 150mm	10 No.

DHS/DCS Instrument Set

Code No.	Contents	Qty.
651.125	DHS 125° Angled Guide Fixed	1 No.
651.130	DHS 130° Angled Guide Fixed	1 No.
651.135	DHS 135° Angled Guide Fixed	1 No.
651.140	DHS 140° Angled Guide Fixed	1 No.
651.095	DCS 95° Angled Guide	1 No.
651.002	DHS/DCS T-Handle with Quick Coupling	1 No.
651.003	DHS Triple Reamer For 38mm Barrel length	1 No.
651.004	DCS Triple Reamer For 25mm Barrel length	1 No.
651.005	DHS/DCS Centering Sleeve Short for Tap	1 No.
651.006	DHS/DCS Tap	1 No.
651.007	DHS/DCS Centering Sleeve Long for DHS/DCS Wrench	1 No.
651.008	DHS/DCS Wrench	1 No.
651.009	Coupling Screw for DHS Lag Screws	1 No.
651.010	DHS/DCS Impactor	1 No.
651.011	Guide Shaft	1 No.
651.012	Coupling Sleeve for Guide Shaft	1 No.
670.250	Direct Measuring Device for 2.5mm Guide Wire	1 No.
672.250	Guide Wire 2.5mm With Threaded Tip	10 No.
612.035	Large Hexagonal Screw Driver 3.5mm Tip	1 No.
601.006	Drill Bits 2.0mm x 100mm Quick Coupling T Handle	2 No.
601.011	Drill Bits 3.2mm x 145mm Quick Coupling T Handle	2 No.
601.014	Drill Bits 4.5mm x 145mm Quick Coupling T Handle	2 No.
603.001	Quick Coupling T Handle	1 No.
603.045	Tap 4.5mm Cortex Screws With Quick Coupling 125/70mm	2 No.
605.045	Double Drill Sleeve 4.5/3.2mm	1 No.
607.045	DCP Drill Sleeve 4.5mm for use 3.2mm Drill	1 No.
609.003	Depth Gauge for 4.5mm to 6.5mm Screws	1 No.
610.002	Screw Forceps self-Holding	1 No.
	General Instrument Box S.S With Two Tray Length 300mm	1 No.

Hip Prosthesis & Instruments

Implants

276 Thompson Hip Prosthesis

Code No.	Head Dia.in MM
276.37	37mm
276.39	39mm
276.41	41mm
276.43	43mm
276.45	45mm
276.47	47mm
276.49	49mm
276.51	51mm
276.53	53mm
276.55	55mm

NOTE: Available in Sterile / Non Sterile Packing.
Head Diameter also available in 1mm Variation on Requirements.
For Ordering of STERILE, Prefix "S" Before Code No.



277 Austin More Hip Prosthesis

Code No.	Head Dia.in MM
277.37	37mm
277.39	39mm
277.41	41mm
277.43	43mm
277.45	45mm
277.47	47mm
277.49	49mm
277.51	51mm
277.53	53mm
277.55	55mm

NOTE: Available in Sterile / Non Sterile Packing.
Head Diameter also available in 1mm Variation on Requirements.
For Ordering of STERILE, Prefix "S" Before Code



278 Austin More Hip Prosthesis (Narrow Stem)

Code No.	Head Dia.in MM
278.37	37mm
278.39	39mm
278.41	41mm
278.43	43mm
278.45	45mm
278.47	47mm
278.49	49mm
278.51	51mm
278.53	53mm
278.55	55mm

NOTE: Available in Sterile / Non Sterile Packing.
Head Diameter also available in 1mm Variation on Requirements.
For Ordering of STERILE, Prefix "S" Before Code No



Hip Prosthesis

Hip Prosthesis Instruments

Instruments

Instrument for Hip Prosthesis

	
654.001 A.M Head Gouge Set	654.002 A.M Rasp with Tommy Bar
	
654.003 Thompson Rasp with Tommy Bar	654.004 Head Impactor Nylon Faced
	
654.005 A.M Head Extractor with Hook	654.006 Head Extractor Judet
	
654.007 Murphy Skid	S.S Sterilization Containers with Two Trays S.S 300mm long

Hip Prosthesis Instruments Set

Code No.	Contents	Qty.
654.001	A.M Head Gouge Set	1 No.
654.002	A.M Rasp With Tommy Bar	1 No.
654.004	Head Impactor Nylon Faced	1 No.
654.005	A.M Head Extractor With Hook	1 No.
654.006	Head Extractor Judet	1 No.
654.007	Murphy Skid	1 No.

Bipolar Hip Prosthesis

Implants

280 Bipolar Hip Prosthesis (Non – Fenestrated)

Code No.	Head Dia.in MM
280.37	37mm
280.39	39mm
280.41	41mm
280.43	43mm
280.45	45mm
280.47	47mm
280.49	49mm
280.51	51mm
280.53	53mm
280.55	55mm

NOTE: Head Diameter also available in 1mm Variation on Requirements.



281 Bipolar Hip Prosthesis (Fenestrated)

Code No.	Head Dia.in MM
281.37	37mm
281.39	39mm
281.41	41mm
281.43	43mm
281.45	45mm
281.47	47mm
281.49	49mm
281.51	51mm
281.53	53mm
281.55	55mm

NOTE: Head Diameter also available in 1mm Variation on Requirements.



Hip Prosthesis

Bipolar Hip Prosthesis Instruments

Instruments

Instrument for Hip Prosthesis

	655.001	Bipolar Rasp with Tommy Bar		655.002	Hollow Chisel
	655.003	Capner Gauge Small		655.006	Bone Curette Small 4mm x 6mm
	655.004	Capner Gauge Medium		655.007	Bone Curette Medium 6mm x 9mm
	655.005	Capner Gauge Large		655.008	Bone Curette Large 6mm x 12mm
	654.004	Head Impactor Nylon Faced		654.005	A.M Head Extractor with Hook
	654.006	Head Extractor Judet	S.S Sterilization Containers with Two Trays S.S 300mm long		

Bipolar Hip Prosthesis Instruments Set

Code No.	Contents	Qty
655.001	Bipolar Rasp With Tommy Bar	1 No.
655.002	Hollow Chisel	1 No.
655.003	Capner Gauge Small	1 No.
655.004	Capner Gauge Medium	1 No.
655.005	Capner Gauge Large	1 No.
655.006	Bone Curetter Small 4mm x 6mm	1 No.
655.007	Bone Curetter Medium 6mm x 9mm	1 No.
655.008	Bone Curetter Large 6mm x 12mm	1 No.
654.004	Head Impactor Nylone Faced	1 No.
654.005	A. M. Head Extractor with Hook	1 No.
654.006	Head Extractor Judet	1 No.
655.009	Bipolar Extractor & Impactor With Hammer	1 No.
655.010	Bipolar Twister	1 No.

4.0mm Cannulated Screw and Instrument

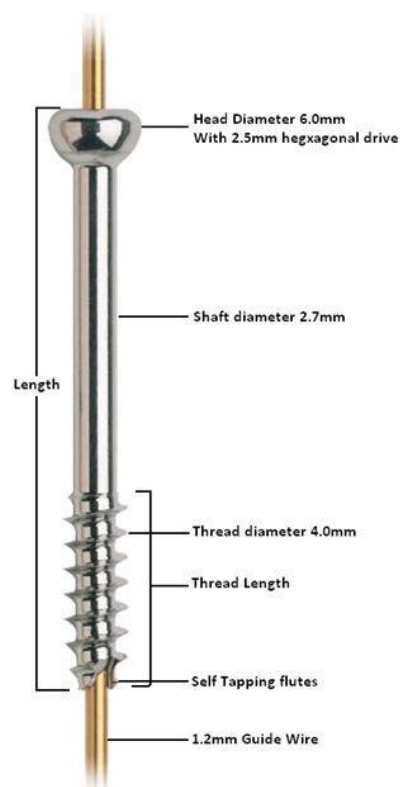
Implants

306 4.0mm Cannulated Screw (Short Thread)

Stainless Steel	Titanium	Length
306.16	T306.16	16mm
306.18	T306.18	18mm
306.20	T306.20	20mm
306.22	T306.22	22mm
306.24	T306.24	24mm
306.26	T306.26	26mm
306.28	T306.28	28mm
306.30	T306.30	30mm
306.32	T306.32	32mm
306.34	T306.34	34mm
306.36	T306.36	36mm
306.38	T306.38	38mm
306.40	T306.40	40mm
306.42	T306.42	42mm
306.44	T306.44	44mm
306.46	T306.46	46mm
306.48	T306.48	48mm
306.50	T306.50	50mm
306.55	T306.55	55mm
306.60	T306.60	60mm



Thread Diameter 4.0mm
 Drill Bit for Threading Hole 2.7mm
 Shaft Diameter 2.7mm
 Core Diameter 2.5mm
 Hexagonal Socket width 2.5mm
 Head Diameter 6.0mm
 Cannulation 1.35mm
 Use guide wire 1.2mm



307 4.0mm Cannulated Screw (Fully Thread)

Stainless Steel	Titanium	Length
307.16	T307.16	16mm
307.18	T307.18	18mm
307.20	T307.20	20mm
307.22	T307.22	22mm
307.24	T307.24	24mm
307.26	T307.26	26mm
307.28	T307.28	28mm
307.30	T307.30	30mm
307.32	T307.32	32mm
307.34	T307.34	34mm
307.36	T307.36	36mm
307.38	T307.38	38mm
307.40	T307.40	40mm
307.42	T307.42	42mm
307.44	T307.44	44mm
307.46	T307.46	46mm
307.48	T307.48	48mm
307.50	T307.50	50mm



Thread Diameter 4.0mm
 Drill Bit for Threading Hole 2.7mm
 Core Diameter 2.5mm
 Hexagonal Socket width 2.5mm
 Head Diameter 6.0mm
 Cannulation 1.35mm
 Use guide wire 1.2mm

125 Washer 10.0mm for 4.0mm Screws

10.0mm / 4.6mm


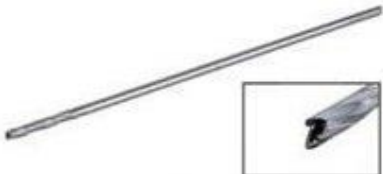





Stainless Steel	Titanium
125.01	T125.01



Cannulated Screw implants

Instruments

Instrument for 4.0mm Cannulated Screws

	
656.125 Parallel Drill Guide 1.25mm	657.032 Drill Bit Cannulated 3.2mm
	
658.040 Tap Cannulated for 4.0mm Screws	659.025 Screw Driver Cannulated 2.5mm Tip
	
670.125 Direct Measuring Device for 1.25mm Guide wire	671.125 Guide Wire 1.25mm
	
610.002 Screw Forceps Self-Holding	

4.0mm Cannulated Screw Implant Set

306	4.0mm Cannulated Screw (Short Thread) 16mm,18mm,20mm,22mm,24mm,26mm,28mm,30mm,32mm,34mm,36mm,38mm,40mm,42mm,44mm,46mm,48mm,50mm	Each 3 No.
307	4.0mm Cannulated Screw (Fully Thread) 16mm,18mm,20mm,22mm,24mm,26mm,28mm,30mm,32mm,34mm,36mm,38mm,40mm,42mm,44mm,46mm,48mm,50mm	Each 3 No.
125.01	Washer 10.0 mm / 4.6mm	6 No.

Instrument Set for 4.0mm Cannulated Screw

656.125	Parallel Drill Guide 1.25mm	1 No.
657.032	Drill Bit Cannulated 3.2mm	1 No.
658.040	Tap Cannulated for 4.0mm Screws	1 No.
659.025	Screw Driver Cannulated 2.5mm Tip	1 No.
670.125	Direct Measuring Device for 1.25mm Guide Wire	1 No.
671.125	Guide Wire 1.25mm	6 No.
610.002	Screw Forceps Self-Holding	1 No.
	S.S Sterilization Containers with Screw tray	1 No.

6.5mm Cannulated Screw and Instrument

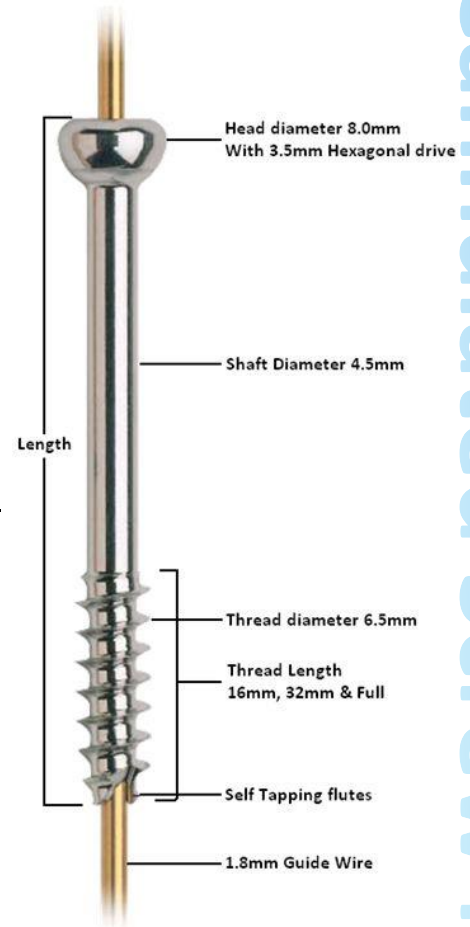
Implants

310 6.5mm Cannulated Screw (16mm Thread)

Stainless Steel	Titanium	Length
310.25	T310.25	25mm
310.30	T310.30	30mm
310.35	T310.35	35mm
310.40	T310.40	40mm
310.45	T310.45	45mm
310.50	T310.50	50mm
310.55	T310.55	55mm
310.60	T310.60	60mm
310.65	T310.65	65mm
310.70	T310.70	70mm
310.75	T310.75	75mm
310.80	T310.80	80mm
310.85	T310.85	85mm
310.90	T310.90	90mm
310.95	T310.95	95mm
310.100	T310.100	100mm
310.105	T310.105	105mm
310.110	T310.110	110mm
310.115	T310.115	115mm
310.120	T310.120	120mm



Thread Diameter 6.5mm
 Thread Length 16.0mm
 Drill Bit for Threading Hole 4.5 mm
 Shaft Diameter 4.5mm
 Core Diameter 4.5mm
 Hexagonal Socket width 3.5mm
 Head Diameter 8.0mm
 Cannulation 2.1mm
 Use guide wire 1.8mm



311 6.5mm Cannulated Screw (32mm Thread)

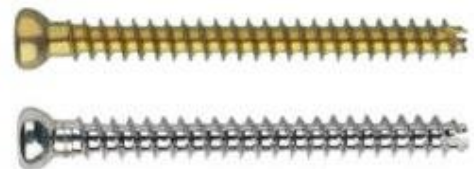
Stainless Steel	Titanium	Length
311.45	T311.45	45mm
311.50	T311.50	50mm
311.55	T311.55	55mm
311.60	T311.60	60mm
311.65	T311.65	65mm
311.70	T311.70	70mm
311.75	T311.75	75mm
311.80	T311.80	80mm
311.85	T311.85	85mm
311.90	T311.90	90mm
311.95	T311.95	95mm
311.100	T311.100	100mm
311.105	T311.105	105mm
311.110	T311.110	110mm
311.115	T311.115	115mm
311.120	T311.120	120mm



Thread Diameter 6.5mm
 Thread Length 32.0mm
 Drill Bit for Threading Hole 4.5 mm
 Shaft Diameter 4.5mm
 Core Diameter 4.5mm
 Hexagonal Socket width 3.5mm
 Head Diameter 8.0mm
 Cannulation 2.1mm
 Use guide wire 1.8mm

312 6.5mm Cannulated Screw (Fully Thread)

Stainless Steel	Titanium	Length	Stainless Steel	Titanium	Length
312.25	T312.25	25mm	312.75	T312.75	75mm
312.30	T312.30	30mm	312.80	T312.80	80mm
312.35	T312.35	35mm	312.85	T312.85	85mm
312.40	T312.40	40mm	312.90	T312.90	90mm
312.45	T312.45	45mm	312.95	T312.95	95mm
312.50	T312.50	50mm	312.100	T312.100	100mm
312.55	T312.55	55mm	312.105	T312.105	105mm
312.60	T312.60	60mm	312.110	T312.110	110mm
312.65	T312.65	65mm	312.115	T312.115	115mm
312.70	T312.70	70mm	312.120	T312.120	120mm



Thread Diameter 6.5mm
 Drill Bit for Threading Hole 4.5 mm
 Core Diameter 4.5mm
 Hexagonal Socket width 3.5mm
 Head Diameter 8.0mm
 Cannulation 2.1mm
 Use guide wire 1.8mm

Cannulated Screw implants

201 Washer 10.0mm for 6.5mm Screws


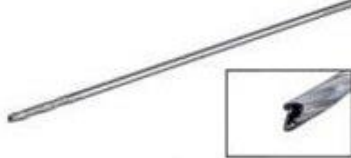





13.0mm / 6.6mm

Stainless	
Steel	Titanium
201.01	T201.01



Instruments

Instrument for 6.5mm Cannulated Screws

	656.200	Parallel Drill Guide 2.0mm		657.045	Drill Bit Cannulated 4.5mm
	658.065	Tap Cannulated for 6.5mm Screws		659.035	Screw Driver Cannulated 3.5mm Tip
	670.200	Direct Measuring Device for 2.0mm Guide Wire		671.200	Guide Wire 2.0mm
	610.002	Screw Forceps Self-Holding			

6.5mm Cannulated Screw Implant Set

310	6.5mm Cannulated Screw (16mm Thread)	
	25mm,30mm,35mm,40mm,45mm,50mm,55mm,60mm,65mm,70mm,75mm	Each 2 No.
	80mm,85mm,90mm, 95mm,100mm,105mm,110mm,115mm,120mm	Each 4 No. Each 2 No.
311	6.5mm Cannulated Screw (32mm Thread)	
	45mm,50mm,55mm,60mm,65mm,70mm,75mm,80mm,85mm,90mm	Each 2 No.
	95mm,100mm,105mm,110mm,115mm,120mm	Each 2 No.
201.01	Washer 13.0 mm / 6.6mm	6 No.

Instrument Set for 6.5mm Cannulated Screw

656.200	Parallel Drill Guide 2.0mm	1 No.
657.045	Drill Bit Cannulated 4.5mm	1 No.
658.065	Tap Cannulated for 6.5mm Screws	1 No.
659.035	Screw Driver Cannulated 3.5mm Tip	1 No.
670.200	Direct Measuring Device for 2.0mm Guide Wire	1 No.
671.200	Guide Wire 2.0mm	10 No.
610.002	Screw Forceps Self-Holding	1 No.
	S.S Sterilization Containers with Screw tray	1 No.

7.0mm Cannulated Screw and Instrument

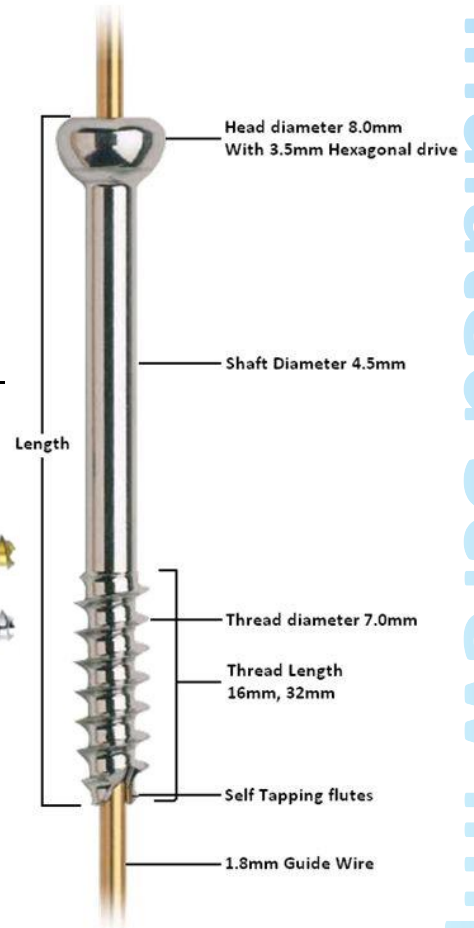
Implants

313 7.0mm Cannulated Screw (16mm Thread)

Stainless Steel	Titanium	Length
313.30	T313.30	30mm
313.35	T313.35	35mm
313.40	T313.40	40mm
313.45	T313.45	45mm
313.50	T313.50	50mm
313.55	T313.55	55mm
313.60	T313.60	60mm
313.65	T313.65	65mm
313.70	T313.70	70mm
313.75	T313.75	75mm
313.80	T313.80	80mm
313.85	T313.85	85mm
313.90	T313.90	90mm
313.95	T313.95	95mm
313.100	T313.100	100mm
313.105	T313.105	105mm
313.110	T313.110	110mm
313.115	T313.115	115mm
313.120	T313.120	120mm

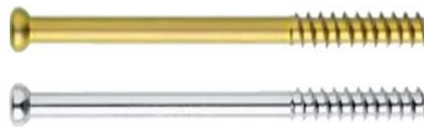


Thread Diameter 7.0mm
 Thread Length 16.0mm
 Drill Bit for Threading Hole 4.5 mm
 Shaft Diameter 4.5mm
 Core Diameter 4.5mm
 Hexagonal Socket width 3.5mm
 Head Diameter 8.0mm
 Cannulation 2.1mm
 Use guide wire 1.8mm



314 7.0mm Cannulated Screw (32mm Thread)

Stainless Steel	Titanium	Length
314.45	T314.45	45mm
314.50	T314.50	50mm
314.55	T314.55	55mm
314.60	T314.60	60mm
314.65	T314.65	65mm
314.70	T314.70	70mm
314.75	T314.75	75mm
314.80	T314.80	80mm
314.85	T314.85	85mm
314.90	T314.90	90mm
314.95	T314.95	95mm
314.100	T314.100	100mm
314.105	T314.105	105mm
314.110	T314.110	110mm
314.115	T314.115	115mm
314.120	T314.120	120mm





Thread Diameter 7.0mm
 Thread Length 32.0mm
 Drill Bit for Threading Hole 4.5 mm
 Shaft Diameter 4.5mm
 Core Diameter 4.5mm
 Hexagonal Socket width 3.5mm
 Head Diameter 8.0mm
 Cannulation 2.1mm
 Use guide wire 1.8mm

Cannulated Screw implants

Instruments

Instrument for 7.0mm Cannulated Screws

	
656.200 Parallel Drill Guide 2.0mm	657.045 Drill Bit Cannulated 4.5mm
	
658.070 Tap Cannulated for 7.0mm Screws	659.035 Screw Driver Cannulated 3.5mm Tip
	
670.200 Direct Measuring Device for 2.0mm Guide Wire	671.200 Guide Wire 2.0mm
	
610.002 Screw Forceps Self-Holding	

7.0mm Cannulated Screw Implant Set

313	6.5mm Cannulated Screw (16mm Thread)	Each 2 No.
	30mm,35mm,40mm,45mm,50mm,55mm,60mm,65mm,70mm,75mm	Each 4 No.
	80mm,85mm,90mm, 95mm,100mm,105mm,110mm,115mm,120mm	Each 2 No.
314	6.5mm Cannulated Screw (32mm Thread)	Each 2 No.
	45mm,50mm,55mm,60mm,65mm,70mm,75mm,80mm,85mm,90mm	Each 1 No.
	95mm,100mm,105mm,110mm,115mm,120mm	Each 1 No.
201.01	Washer 13.0 mm / 6.6mm	6 No.

Instrument Set for 7.0mm Cannulated Screw

656.200	Parallel Drill Guide 2.0mm	1 No.
657.045	Drill Bit Cannulated 4.5mm	1 No.
658.070	Tap Cannulated for 7.0mm Screws	1 No.
659.035	Screw Driver Cannulated 3.5mm Tip	1 No.
670.200	Direct Measuring Device for 2.0mm Guide Wire	1 No.
671.200	Guide Wire 2.0mm	10 No.
610.002	Screw Forceps Self-Holding	1 No.
	S.S Sterilization Containers with Screw tray	1 No.

Titanium Cannulated Interference Screw and Instrument

Implants

315 Titanium Cannulated Interference Screw (ACL Screw)

Length in MM	7mm Code No. T315A	8mm Code No. T315B	9mm Code No. T315C
20mm	T315A.20	T315B.20	T315C.20
25mm	T315A.25	T315B.25	T315C.25
30mm	T315A.30	T315B.30	T315C.30
35mm	T315A.35	T315B.35	T315C.35



Instruments

Instrument for Cannulated Interference Screws

673.001	ACL Jig	673.002	ACL elbow aimer
673.004	PCL Femoral	673.005	PCL Tibial
673.006	Angle Bullet	673.007	Graft passing 2.4mmdrill bit
661.005	Beth Pin Drill tip	661.002	Endoscopic Cannulated Reamer
663.060	ACL Tibial Straight Cannulated Reamer 6mm	662.060	ACL Femoral Reamer Cannulated Flower Tip 6mm
663.070	ACL Tibial Straight Cannulated Reamer 7mm	662.070	ACL Femoral Reamer Cannulated Flower Tip 7mm
663.080	ACL Tibial Straight Cannulated Reamer 8mm	662.080	ACL Femoral Reamer Cannulated Flower Tip 8mm
663.090	ACL Tibial Straight Cannulated Reamer 9mm	662.090	ACL Femoral Reamer Cannulated Flower Tip 9mm
663.100	ACL Tibial Straight Cannulated Reamer 10mm	662.100	ACL Femoral Reamer Cannulated Flower Tip 10mm
663.110	ACL Tibial Straight Cannulated Reamer 11mm	662.110	ACL Femoral Reamer Cannulated Flower Tip 11mm
673.008	Depth Gauge for ACL/PCL reconstruction	666.050	Femoral Aimer With Offset 5mm
		666.070	Femoral Aimer With Offset 7mm
661.078	Tunnel Plug, 7-8 mm	661.070	Tunnel Dilator,7mm
661.089	Tunnel Plug, 8-9 mm	661.080	Tunnel Dilator,8mm
661.910	Tunnel Plug, 9-10 mm	661.090	Tunnel Dilator,9mm
659.035	Screw Driver For Interference Screw	673.009	Impactor for spiked ligament staple
674.030	Micro fracture Awl,30'	665.060	Tendon Stripper Close 6mm
674.045	Micro fracture Awl,45'	664.070	Tendon Stripper Open 7mm
674.090	Micro fracture Awl,90'		
673.010	Arthroscopic Probe	661.003	Graft Master Board, Suture wise with Tensiometer
668.001	Graft Sizing Block	674.001	Straight Rasp
674.002	Convex Rasp	674.005	Femoral PCL Elevator
674.006	T-Handle for Tunnel Dilators		Knee Arthroscopy Instruments Graphic Box

Titanium Cannulated Herbert Screw and Instrument

Implants

316 Titanium Cannulated Herbert Screw

Titanium	Length in MM
T316.14	14mm
T316.16	16mm
T316.18	18mm
T316.20	20mm
T316.22	22mm
T316.24	24mm
T316.26	26mm
T316.28	28mm
T316.30	30mm



669.001	Jig for Herbert Screw	658.035	Tap Cannulated 3.5mm for upper thread of Herbert Screw
658.045	Tap Cannulated 4.5mm for Lower thread of Herbert Screw	659.025	Screw Driver Cannulated 2.5mm Tip
657.027	Drill Bit Cannulated 2.7mm	657.032	Drill Bit Cannulated 3.2mm
671.125	Guide Wire 1.25mm x 225mm	670.125	Direct Measuring Device for 1.25mm Guide Wire

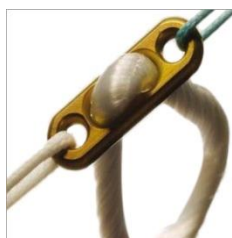
T317 Endo Buttons (Titanium)

Titanium
Code No.
T317.01



ST317 Endo Buttons With Loop (Titanium)

Titanium Code No.	Length in MM
ST317.15	15mm
ST317.20	20mm
ST317.25	25mm
ST317.30	30mm



T318 Suture Disc (Titanium)

Titanium
Code No.
T318.01



T323 Switure Anchor Screws (Titanium)

Titanium Code No.	Length in MM
T323.30	3.0mm
T323.50	5.0mm



ST323 Switure Anchor Screws (Titanium)

Titanium Code No.	Length in MM
ST323.30	3.0mm
ST323.50	5.0mm



T384 Spiked Washer (Titanium)

Stainless Steel	Titanium	Length in MM
384.40	T384.40	4.0mm
384.45	T384.45	4.5mm
384.65	T384.65	6.5mm



T385 Spiked Ligament Staple (Titanium)

Stainless Steel	Titanium	Length in MM
385.60	T385.60	6.0mm
385.80	T385.80	8.0mm
385.100	T385.100	10.0mm



Wire Implants & Instruments

Implants

326 Stainless Steel Wire Spool

Code No.	Size in SWG
326.16	16swg
326.18	18swg
326.20	20swg
326.22	22swg
326.24	24swg
326.26	26swg
326.28	28swg
326.30	30swg



328 Kirschner Wire (K Wire) Double Side Trocar Tip



Diameter in MM	Length 100mm	Length 150mm	Length 200mm	Length 225mm	Length 300mm
	Code No. 328A	Code No. 328B	Code No. 328C	Code No. 328D	Code No. 328E
0.8mm	328A.08	328B.08	328C.08	328D.08	328E.08
1.0mm	328A.10	328B.10	328C.10	328D.10	328E.10
1.25mm	328A.12	328B.12	328C.12	328D.12	328E.12
1.5mm	328A.15	328B.15	328C.15	328D.15	328E.15
1.6mm	328A.16	328B.16	328C.16	328D.16	328E.16
1.8mm	328A.18	328B.18	328C.18	328D.18	328E.18
2.0mm	328A.20	328B.20	328C.20	328D.20	328E.20
2.5mm	328A.25	328B.25	328C.25	328D.25	328E.25
3.0mm	328A.30	328B.30	328C.30	328D.30	328E.30

329 Kirschner Wire (K Wire) Single side Trocar Tip



Diameter in MM	Length 100mm	Length 150mm	Length 200mm	Length 225mm	Length 300mm
	Code No. 329A	Code No. 329B	Code No. 329C	Code No. 329D	Code No. 329E
0.8mm	329A.08	329B.08	329C.08	329D.08	329E.08
1.0mm	329A.10	329B.10	329C.10	329D.10	329E.10
1.25mm	329A.12	329B.12	329C.12	329D.12	329E.12
1.5mm	329A.15	329B.15	329C.15	329D.15	329E.15
1.6mm	329A.16	329B.16	329C.16	329D.16	329E.16
1.8mm	329A.18	329B.18	329C.18	329D.18	329E.18
2.0mm	329A.20	329B.20	329C.20	329D.20	329E.20
2.5mm	329A.25	329B.25	329C.25	329D.25	329E.25
3.0mm	329A.30	329B.30	329C.30	329D.30	329E.30

330 Kirschner Wire (K Wire) Single side Threaded Tip






Diameter in MM	Length 100mm	Length 150mm	Length 225mm
	Code No. 330A	Code No. 330B	Code No. 330C
1.5mm	330A.15	330B.15	330C.15
1.6mm	330A.16	330B.16	330C.16
1.8mm	330A.18	330B.18	330C.18
2.0mm	330A.20	330B.20	330C.20
2.5mm	330A.25	330B.25	330C.25
3.0mm	330A.30	330B.30	330C.30

Wires Implants

Wires Instruments

Instruments

Instrument for Wires

	
<p>660.001 Wire Passer Small Dia. 45mm</p>	<p>660.002 Wire Passer Large Dia. 70mm</p>
	
<p>660.003 Wire Tightner with Two Pegs</p>	<p>660.004 Wire Tightner / Twister</p>
	
<p>660.005 Universal Chuck with T Handle</p>	<p>660.007 Gigli Saw Wire</p>
	
<p>660.008 Gigli Saw Introducer</p>	<p>660.009 Gigli Saw Handle Pair</p>
	
<p>660.010 Triple Drill Guide 2.0mm with 3hole, Opposite side 1hole</p>	<p>660.012 K Wire Introduces</p>
	
<p>660.013 K Wire Bender</p>	<p>660.014 Universal Wire Cutter / Bender / Pliers</p>



660.015 Wire Twister



Sterilization Tube for 150mm K wire



Sterilization Tube for 225mm K wire



Sterilization Tube for 300mm K wire

Nailing System Implants & Instruments

Interlocking Bolts

Implants

350 2.9mm Interlocking Bolt



Thread Diameter 2.9mm
Drill Bits For threading hole 2.5mm
Core Dimeter 2.5mm
Hexagonal Socket Width 2.5mm
Head Diameter 6.0mm

Stainless		
Steel	Titanium	Length in MM
350.20	T351.20	20mm
350.22	T351.22	22mm
350.24	T351.24	24mm
350.26	T351.26	26mm
350.28	T351.28	28mm
350.30	T351.30	30mm
350.32	T351.32	32mm
350.34	T351.34	34mm
350.36	T351.36	36mm
350.38	T351.38	38mm
350.40	T351.40	40mm

NOTE: 2.9mm bolt will use for Distal hole of 6mm humeral nail only.

351 3.4mm Interlocking Bolt



Thread Diameter 3.4mm
Drill Bits For threading hole 2.7mm
Core Dimeter 2.7mm
Hexagonal Socket Width 2.5mm
Head Diameter 6.0mm

Stainless		
Steel	Titanium	Length in MM
351.20	T351.20	20mm
351.22	T351.22	22mm
351.24	T351.24	24mm
351.26	T351.26	26mm
351.28	T351.28	28mm
351.30	T351.30	30mm
351.32	T351.32	32mm
351.34	T351.34	34mm
351.36	T351.36	36mm
351.38	T351.38	38mm
351.40	T351.40	40mm
351.42	T352.42	42mm
351.44	T352.44	44mm
351.46	T352.46	46mm
351.48	T352.48	48mm
351.50	T352.50	50mm

NOTE: 3.4mm bolt will use for Humeral Nail only.

352 3.9mm Interlocking Bolt



Thread Diameter 3.9mm
Drill Bits For threading hole 3.2mm
Core Dimeter 3.2mm
Hexagonal Socket Width 2.5mm
Head Diameter 6.0mm

Stainless		
Steel	Titanium	Length in MM
352.20	T353.20	20mm
352.22	T353.22	22mm
352.24	T353.24	24mm
352.26	T353.26	26mm
352.28	T353.28	28mm
352.30	T353.30	30mm
352.32	T353.32	32mm
352.34	T353.34	34mm
352.36	T353.36	36mm
352.38	T353.38	38mm
352.40	T353.40	40mm
352.42	T353.42	42mm
352.44	T353.44	44mm
352.46	T353.46	46mm
352.48	T353.48	48mm
352.50	T353.50	50mm

Nailing System

353 4.9mm Interlocking Bolt



Thread Diameter 4.9mm
Drill Bits For threading hole 4.0mm
Core Diameter 4.3mm
Hexagonal Socket Width 3.5mm
Head Diameter 8.0mm

Stainless		
Steel	Titanium	Length in MM
353.20	T353.20	20mm
353.22	T353.22	22mm
353.24	T353.24	24mm
353.26	T353.26	26mm
353.28	T353.28	28mm
353.30	T353.30	30mm
353.32	T353.32	32mm
353.34	T353.34	34mm
353.36	T353.36	36mm
353.38	T353.38	38mm
353.40	T353.40	40mm
353.42	T353.42	42mm
353.44	T353.44	44mm
353.46	T353.46	46mm
353.48	T353.48	48mm
353.50	T353.50	50mm

Stainless		
Steel	Titanium	Length in MM
353.52	T353.52	52mm
353.54	T353.54	54mm
353.56	T353.56	56mm
353.58	T353.58	58mm
353.60	T353.60	60mm
353.65	T353.65	65mm
353.70	T353.70	70mm
353.75	T353.75	75mm
353.80	T353.80	80mm

354 6.2mm Hip Locking Bolt



Thread Diameter 6.2mm
Shaft Diameter 6.2mm
Hexagonal Socket Width 4.9mm
Head Diameter 8.0mm
Cannulation 2.1mm
For Use with Guide wire 2.0mm

Stainless		Length in MM Without Head
Steel	Titanium	
354.50	T354.50	50mm
354.55	T354.55	55mm
354.60	T354.60	60mm
354.65	T354.65	65mm
354.70	T354.70	70mm
354.75	T354.75	75mm
354.80	T354.80	80mm
354.85	T354.85	85mm
354.90	T354.90	90mm
354.95	T354.95	95mm
354.100	T354.100	100mm
354.105	T354.105	105mm
354.110	T354.110	110mm
354.115	T354.115	115mm
354.120	T354.120	120mm

355 End Cap

Stainless		
Steel	Titanium	
355.02	T355.02	End Cap for XL Interlocking Nail
355.03	T355.03	End Cap for Reconstruction Femoral Nail
355.04	T355.04	End Cap for Supra Condylar Nail
355.05	T355.05	End Cap for Humeral Nail
355.06	T355.06	End Cap for Proximal Femoral Nail
		End Cap for Proximal Femoral Nail - 2

Nailing System

Proximal Femoral Nail-2 & Instruments

IMPLANTS

T392 Proximal Femoral Nail - 2 Angled 125°

Length in MM	9mm Code No. T392D	10mm Code No. T392E	11mm Code No. T392F	12mm Code No. T392G
170mm	T392D.17	T392E.17	T392F.17	T392G.17
200mm	T392D.20	T392E.20	T392F.20	T392G.20
240mm	T392D.24	T392E.24	T392F.24	T392G.24



T393 Proximal Femoral Nail - 2 Angled 130°

Length in MM	9mm Code No. T393D	10mm Code No. T393E	11mm Code No. T393F	12mm Code No. T393G
170mm	T393D.17	T393E.17	T393F.17	T393G.17
200mm	T393D.20	T393E.20	T393F.20	T393G.20
240mm	T393D.24	T393E.24	T393F.24	T393G.24

T395 PFN-2 Blade Screw 75mm

Titanium	Length
T395.75	75mm
T395.80	80mm
T395.85	85mm
T395.90	90mm
T395.95	95mm
T395.100	100mm
T395.105	105mm
T395.110	110mm
T395.115	115mm
T365.120	120mm



Nailing System

Proximal Femoral Nail-2 Instruments

INSTRUMENTS

807 Instrument for Proximal Femoral Nail - 2

811.001	Insertion Handle For PFNA	811.002	Aiming Arm 125* For PFNA
811.003	Aiming Arm 130* For PFNA	811.004	Aiming Arm 135* For PFNA
811.005	Aiming Arm For Dynamic & Static Locking	811.006	Connecting Bolt
811.007	Buttress Compression Nut For PFNA Blade	811.008	Protection Sleeve 16 x 11mm For PFNA Blade
811.009	Drill Sleeve 11 x 3.2mm For PFNA Blade	811.010	Trocar 3.2mm For PFNA Blade
811.011	Protection Sleeve 11 x 8mm	811.012	Drill Sleeve 8 x 4mm
811.013	Trocar 4mm	811.014	Protection Sleeve With Handle 20 x 17mm
811.015	Drill Sleeve 17 x 3.2mm For Guide Wire	811.016	Impactor For PFNA Blade
811.017	Extraction Screw For PFNA Blade	811.018	Hammer Guide For PFNA Blade
811.019	Pin Wrench L & Key Type	811.020	Radiographic Ruler For PFNA
811.021	Direct Measuring Device For 3.2mm Guide Wire	811.022	Key For PFNA Blade With Combination Wrench 11mm
811.023	Measuring Device For Locking Bolt	804.010	Hexagonal Screw Driver 3.5mm Tip Long for 4.9mm Bolt
811.025	Starting Reamer 16.5mm For PFNA	811.026	Reamer 10.3mm For PFNA Blade
811.027	Drill Bit 10.3mm for PFNA Blade Screw	811.028	Fixation Sleeve For Reamer 11mm For PFNA Blade
811.029	Guide Wire 2.8 x 460mm With Hook	811.030	Guide Wire 3mm For PFNA Blade
811.031	Guide Wire 3 x 450mm With Eye	811.032	Hammer Guide
811.033	Connector For Hammer Guide	811.034	8mm Hexagonal Shaft With Spherical Head
811.035	Awl For PFNA	811.036	Slotted Hammer 400gm
811.037	T Handle Cannulated	811.038	Connecting Bolt For PFNA Aiming Arm
	Graphic Case PFN-2 Instrument Set		

807A.NSET	Implant Set for Proximal Femoral Nail - 2
------------------	--

Code No.	Contents	Qty.
	Proximal Femoral Nail - 2	
T393D	9mm Length 240mm	1 No.
T393E	10mm Length 240mm	1 No.
T393F	11mm Length 240mm	1 No.
T393G	12mm Length 240mm	
	Locking Bolt	
353	4.9mm Locking Bolt - 30mm, 32mm, 34mm, 36mm, 38mm, 40mm, 42mm, 44mm, 46mm, 48mm, 50mm, 52mm, 54mm, 56mm, 58mm, 60mm, 65mm, 70mm	2 Each
354	PFN-2 Blade Screw	1 Each
	75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm, 115mm, 120mm	

807.ISET	Instrument Set for Proximal Femoral Nail - 2
-----------------	---

Code No.	Contents	Qty.
811.001	Insertion Handle For PFNA	1 No.
811.002	Aiming Arm 125° For PFNA	1 No.
811.003	Aiming Arm 130° For PFNA	1 No.
811.004	Aiming Arm 135° For PFNA	1 No.
811.005	Aiming Arm For Dynamic & Static Locking	2 No.
811.006	Connecting Bolt	2 No.
811.007	Buttress Compression Nut For PFNA Blade	1 No.
811.008	Protection Sleeve 16 x 11mm For PFNA Blade	1 No.
811.009	Drill Sleeve 11 x 3.2mm For PFNA Blade	1 No.
811.010	Trocar 3.2mm For PFNA Blade	1 No.
811.011	Protection Sleeve 11 x 8mm	1 No.
811.012	Drill Sleeve 8 x 4mm	1 No.
811.013	Trocar 4mm	1 No.
811.014	Protection Sleeve With Handle 20 x 17mm	1 No.
811.015	Drill Sleeve 17 x 3.2mm For Guide Wire	1 No.
811.016	Impactor For PFNA Blade	1 No.
811.017	Extraction Screw For PFNA Blade	1 No.
811.018	Hammer Guide For PFNA Blade	1 No.
811.019	Pin Wrench L & Key Type	1 No.
811.020	Radiographic Ruler For PFNA	1 No.
811.021	Direct Measuring Device For 3.2mm Guide Wire	1 No.
811.022	Key For PFNA Blade With Combination Wrench 11mm	1 No.
811.023	Measuring Device For Locking Bolt	1 No.
804.010	Hexagonal Screw Driver 3.5mm Tip Long for 4.9mm Bolt	1 No.
811.025	Starting Reamer 16.5mm For PFNA	1 No.
811.026	Reamer 10.3mm For PFNA Blade	1 No.
811.027	Drill Bit 10.3mm for PFNA Blade Screw	1 No.
811.028	Fixation Sleeve For Reamer 11mm For PFNA Blade	1 No.
811.029	Guide Wire 2.8 x 460mm With Hook	1 No.
811.030	Guide Wire 3mm For PFNA Blade	3 No.
811.031	Guide Wire 3 x 450mm With Eye	1 No.
811.032	Hammer Guide	1 No.
811.033	Connector For Hammer Guide	1 No.
811.034	8mm Hexagonal Shaft With Spherical Head	1 No.
811.035	Awl For PFNA	1 No.
811.036	Slotted Hammer 400gm	1 No.
811.037	T Handle Cannulated	1 No.
811.038	Connecting Bolt For PFNA Aiming Arm	4 No.
AGC.	Graphic Case PFN-2 Instrument Set	1 No.

XL Interlocking Tibia / Femoral Nail & Instruments

IMPLANTS

358 XL Interlocking Nail Tibia



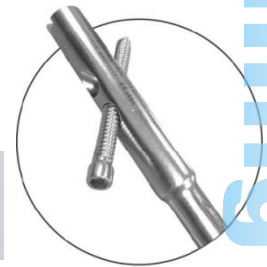
Can be applied either in conventional or locked mod. Same nail for left and right tibia
Indications for conventional medullar nailing without locking.
 Fractures with bony support. (stable fractures in the middle one third of the tibia)
 Transverse fractures. Short oblique fractures. Pseudarthrosis.
Indication for locked medullar nailing. (unstable fractures in 60% of the Tibia length)

- (A) Fractures near the metaphysic.
- (B) Long torional fractures.
- (C) Segmental fractures.
- (D) Comminuted fractures.
- (E) Fractures with bone defects.

Note: While ordering Titanium nail please add T before code No.
 12MM Also available on request.

Length in MM	8mm Code No. 358C	9mm Code No. 358D	10mm Code No. 358E	11mm Code No. 358F
285mm	358C.285	358D.285	358E.285	358F.285
300mm	358C.300	358D.300	358E.300	358F.300
315mm	358C.315	358D.315	358E.315	358F.315
330mm	358C.330	358D.330	358E.330	358F.330
345mm	358C.345	358D.345	358E.345	358F.345
360mm	358C.360	358D.360	358E.360	358F.360
375mm	358C.375	358D.375	358E.375	358F.375
390mm	358C.390	358D.390	358E.390	358F.390

359 XL Interlocking Nail Femoral



Can be applied either in conventional or locked mod.
 Same nail for left and right femur.

Indications for conventional medullar nailing without locking.
 Fractures with bony support.
 (stable fractures in the middle one third of the femur)
 Transverse fractures. Short oblique fractures. Pseudarthroses.

Indication for locked medullar nailing.
 (unstable fractures in 60% of the femoral length)

- (A) Fractures near the metaphysic.
- (B) Long terminal fractures.
- (C) Segmental fractures.
- (D) Comminuted fractures.
- (E) Fractures with bone defects

Note: While ordering Titanium nail please add T before code No.

Length in MM	9mm Code No. 359D	10mm Code No. 359E	11mm Code No. 359F	12mm Code No. 359G
345mm	359D.345	359E.345	359F.345	359G.345
360mm	359D.360	359E.360	359F.360	359G.360
375mm	359D.375	359E.375	359F.375	359G.375
390mm	359D.390	359E.390	359F.390	359G.390
405mm	359D.405	359E.405	359F.405	359G.405
420mm	359D.420	359E.420	359F.420	359G.420
435mm	359D.435	359E.435	359F.435	359G.435

Nailing System

XL Interlocking Nail Tibia & Femoral Instruments

INSTRUMENTS

805 Instrument for XL Interlocking Nail Tibia & Femoral

	
<p>805.001 Proximal Jig for XL Interlocking Nail Tibia & Femoral</p>	<p>805.002 Threaded Conical Bolt For XL Interlocking Nail</p>
	
<p>805.003 Starting Reamer 12.0mm</p>	<p>804.003 Protection Sleeve 10.0/8.0mm</p>
	
<p>804.004 Drill Sleeve 8.0/3.2mm 804.005 Drill Sleeve 8.0/4.0mm</p>	<p>804.006 Pointer 8.0mm</p>
	
<p>804.007 Extractor / Impactor With Hammer (Set of Two)</p>	<p>804.008 Depth Gauge Long</p>
	
<p>804.009 Hexagonal Screw Driver Long 2.5mm Tip 804.010 Hexagonal Screw Driver Long 3.5mm Tip</p>	<p>804.011 Modularity Tube</p>

	
804.012 Stopper Guide Wire 2.5mm Length 950mm	804.013 Guide Wire 2.5mm Length 950mm
	
804.014 Head For Threaded Conical Bolt	802.001 Bone Awl Diamond Pointed
	
802.002 Tissue Protractor	602.011 Drill Bit 3.2mm x 250mm Long 602.015 Drill Bit 4.0mm x 250mm Long
	
895.019 Spanner 19mm	Box for Implants Box for Instrument Set

805.NSET	Implant Set for XL Interlocking Tibia & Femoral Nail
-----------------	---

Code No.	Contents	Qty.
	XL Interlocking Tibia Nail	
358C	8mm Length 285mm, 300mm, 315mm, 330mm 345mm, 360mm, 375mm, 390mm	1 Each
358D	9mm Length 285mm, 300mm, 315mm, 330mm 345mm, 360mm, 375mm, 390mm	1 Each
358E	10mm Length 285mm, 300mm, 315mm, 330mm 345mm, 360mm, 375mm, 390mm	1 Each
	Universal Interlocking Femoral Nail	
359D	9mm Length 345mm, 360mm, 375mm, 390mm, 405mm, 420mm, 435mm	1 Each
359E	10mm Length 345mm, 360mm, 375mm, 390mm, 405mm, 420mm, 435mm	1 Each
359F	11mm Length 345mm, 360mm, 375mm, 390mm, 405mm, 420mm, 435mm	1 Each
	Interlocking Bolt	
352	3.9mm Locking Bolt - 24mm, 26mm, 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm, 42mm, 44mm, 46mm, 48mm, 50mm	2 Each
353	4.9mm Locking Bolt - 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm, 42mm, 44mm, 46mm, 48mm, 50mm, 52mm, 54mm, 56mm, 58mm, 60mm	2 Each

805.ISET	Instrument Set for XL Interlocking Tibia & Femoral Nail
-----------------	--

Code No.	Contents	Qty.
805.001	Proximal Jig for Universal Interlocking Tibia / Femoral Nail	1 No.
805.002	Threaded Conical Bolt for Universal Tibia & Femoral Nail	1 No.
805.003	Starting Reamer 12.0mm	1 No.
804.003	Protection Sleeve 10.0/8.0mm	1 No.
804.004	Drill Sleeve 8.0/3.2mm	1 No.
804.005	Drill Sleeve 8.0/4.0mm	1 No.
804.006	Pointer 8.0mm	1 No.
804.007	Extractor-Impactor Rod with Hammer (Set of Two)	1 set
804.008	Depth Gauge Long	1 No.
804.009	Hexagonal Screw Driver 2.5mm Tip Long for 3.9mm Bolt	1 No.
804.010	Hexagonal Screw Driver 3.5mm Tip Long for 4.9mm Bolt	1 No.
804.011	Modularity Tube	1 No.
804.012	Stopper Guide Wire 2.5mm Length 950mm	1 No.
804.013	Guide Wire 2.5mm Length 950mm	1 No.
804.014	Head for Threaded Conical Bolt	1 No.
802.001	Bone Awl Diamond Pointed	1 No.
802.002	Tissue Protector	1 No.
895.019	Spanner 19mm	1 No.
602.011	Drill Bits 3.2mm Length 250mm	2 No.
602.015	Drill Bits 4.0mm Length 250mm	2 No.
	Box for Implants	1 No.
	Box for Instrument Set	1 No.

Humeral Nail & Instruments

IMPLANTS

363 Humeral Nail



Length in MM	6mm Code No. 363A	7mm Code No. 363B	8mm Code No. 363C
180mm	363A.18	363B.18	363C.18
200mm	363A.20	363B.20	363C.20
220mm	363A.22	363B.22	363C.22
240mm	363A.24	363B.24	363C.24
260mm	363A.26	363B.26	363C.26
280mm	363A.28	363B.28	363C.28
300mm	363A.30	363B.30	363C.30

Humeral Nail Instruments

INSTRUMENTS

809 Instrument for Humeral Nail

			
809.001	Proximal Jig for Humeral Nail	809.002	Threaded Conical Bolt For Humeral Nail
			
809.003	Sleeve For Compression Device	809.004	Compression Device
			
809.005	Starting Reamer for Humeral Nail with Q/C 8.0mm	804.003	Protection Sleeve 10.0/8.0mm
			
809.006	Drill Sleeve 8.0/2.7mm	804.006	Pointer 8.0mm



804.007 Extractor / Impactor With Hammer (Set of Two)

804.008 Depth Gauge Long



804.009 Hexagonal Screw Driver Long 2.5mm Tip

809.007 Guide Wire 1.8mm Length 750mm



803.006 Small Bone Awl Diamond Pointed

602.008 Drill Bits 2.7mm x 180mm for Jacobs Chuck



895.019 Spanner 19mm

Box for Implants

Box for Instrument Set

809.NSET Implant Set for Humeral Nail

Code No.	Contents	Qty.
	Humeral Nail	
363A	6mm Length 180mm, 200mm, 220mm, 240mm, 260mm, 280mm, 300mm	1 Each
363B	7mm Length 180mm, 200mm, 220mm, 240mm, 260mm, 280mm, 300mm	1 Each
363C	8mm Length 180mm, 200mm, 220mm, 240mm, 260mm, 280mm, 300mm	1 Each
350	2.9mm Locking Bolt - 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm	2 Each
351	3.4mm Locking Bolt - 16mm, 18mm, 20mm, 22mm, 24mm, 26mm, 28mm, 30mm, 32mm, 34mm, 36mm, 38mm, 40mm	2 Each

809.ISET Instrument Set for Humeral Nail

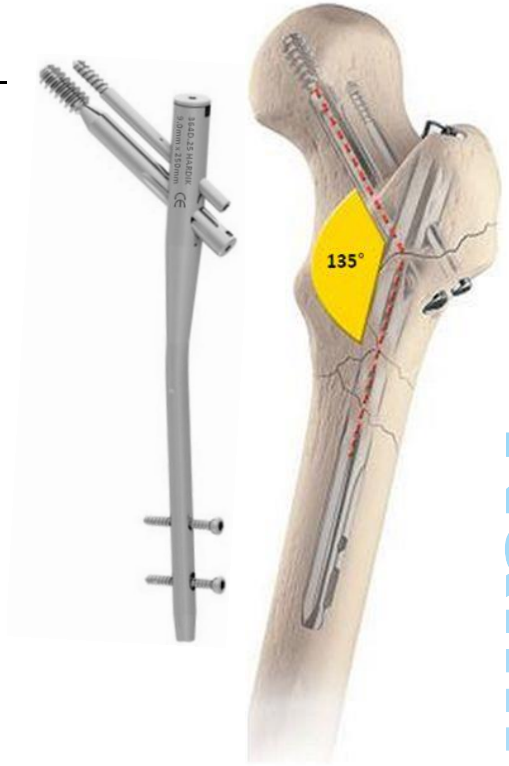
Code No.	Contents	Qty.
809.001	Proximal Jig for Humeral Nail	1 No.
809.002	Threaded Conical Bolt for Humeral Nail	1 No.
809.003	Sleeve For Compression Device	1 No.
809.004	Compression Device	1 No.
809.005	Starting Reamer for Humeral Nail with Q/C 8.0mm	1 No.
804.003	Protection Sleeve 10.0/8.0mm	1 No.
809.006	Drill Sleeve 8.0/2.7mm	1 No.
804.006	Pointer 8.0mm	1 No.
804.007	Extractor-Impactor Rod with Hammer (Set of Two)	1 No.
804.008	Depth Gauge Long	1 No.
804.009	Hexagonal Screw Driver 2.5mm Tip Long	1 No.
809.007	Guide Wire 1.8mm Length 750mm	2 No.
803.006	Small Bone Awl Diamond Pointed	1 No.
895.019	Spanner 19mm	1 No.
602.008	Drill Bits 2.7mm x 180mm for Jacobs Chuck	2 No.
	Box for Implants	1 No.
	Box for Instrument Set	1 No.

Proximal Femoral Nail & Instruments

IMPLANTS

364 Proximal Femoral Nail Angled 135°

Length in MM	9mm Code No. 364D	10mm Code No. 364E	11mm Code No. 364F	12mm Code No. 364G
250mm	364D.25	364E.25	364F.25	364G.25



365 8.0mm Proximal Femoral Screw

Stainless Steel	Titanium	Length
365.55	T365.55	55mm
365.60	T365.60	60mm
365.65	T365.65	65mm
365.70	T365.70	70mm
365.75	T365.75	75mm
365.80	T365.80	80mm
365.85	T365.85	85mm
365.90	T365.90	90mm
365.95	T365.95	95mm
365.100	T365.100	100mm
365.105	T365.105	105mm
365.110	T365.110	110mm
365.115	T365.115	115mm
365.120	T365.120	120mm



Thread Diameter 8.0mm
Drill Bit for Threading Hole 5.5mm
Shaft Diameter 8.0mm
Core Diameter 5.0mm
Hexagonal Socket Width 4.9mm
Head Diameter 8.0mm
Cannulation 2.5mm

361 Long Proximal Femoral Nail Angled 130°

LEFT

Length in MM	9mm Code No. 361D LEFT	10mm Code No. 361E LEFT	11mm Code No. 361F LEFT
340mm	361D.34L	361E.34L	361F.34L
360mm	361D.36L	361E.36L	361F.36L
380mm	361D.38L	361E.38L	361F.38L
400mm	361D.40L	361E.40L	361F.40L
420mm	361D.42L	361E.42L	361F.42L
440mm	361D.44L	361E.44L	361F.44L

RIGHT

Length in MM	9mm Code No. 361D RIGHT	10mm Code No. 361E RIGHT	11mm Code No. 361F RIGHT
340mm	361D.34R	361E.34R	361F.34R
360mm	361D.36R	361E.36R	361F.36R
380mm	361D.38R	361E.38R	361F.38R
400mm	361D.40R	361E.40R	361F.40R
420mm	361D.42R	361E.42R	361F.42R
440mm	361D.44R	361E.44R	361F.44R



Nailing System

Proximal Femoral Nail Instruments

INSTRUMENTS

807 Instrument for Proximal Femoral Nail

	
<p>807.001 Proximal Jig for PFN & Long PFN Nail</p>	<p>807.002 Threaded Conical Bolt For Proximal Femoral Nail</p>
	
<p>807.003 Protection Sleeve 12.0/10.0mm 807.004 Protection Sleeve 10.0/8.0mm</p>	<p>807.005 Guide Wire Sleeve 10.0/2.0mm for 12mm Sleeve 807.006 Guide Wire Sleeve 8.0/2.0mm for 10mm Sleeve</p>
	
<p>807.007 Drill Sleeve 8.0mm/4.0mm Long</p>	<p>807.008 Pinter 8.0mm</p>
	
<p>807.009 Step Drill Bits 8.0mm Long with Q/C for 8.0mm P.F.N Screw</p>	<p>807.010 Step Drill Bits 6.2mm Long with Q/C for 6.2mm P.F.N Screw</p>
	
<p>807.011 Starting Reamer 15.0mm with Q/C</p>	<p>807.012 Cannulated Screw Driver Long For P.F.N Screws</p>
	
<p>807.013 Guide Wire 2.0mm Length 405mm</p>	<p>807.014 Protection Sleeve with Handle</p>

	
<p>804.007 Extractor / Impactor With Hammer (Set of Two)</p>	<p>804.008 Depth Gauge Long</p>
	
<p>804.010 Hexagonal Screw Driver Long 3.5mm Tip</p>	<p>804.011 Modularity Tube</p>
	
<p>804.012 Stopper Guide Wire 2.5mm Length 950mm</p>	<p>804.013 Guide Wire 2.5mm Length 950mm</p>
	
<p>804.014 Head For Threaded Conical Bolt</p>	<p>802.001 Bone Awl Diamond Pointed</p>
	
<p>802.002 Tissue Protractor</p>	<p>602.015 Drill Bit 4.0mm x 250mm Long</p>
	
<p>895.019 Spanner 19mm</p>	<p>651.002 T-Handle With Quick Coupling</p>
<p>Box for Long PFN Nail</p>	<p>Box for PFN Nail & Instrument Set</p>

807A.NSET | Implant Set for Proximal Femoral Nail

Code No.	Contents	Qty.
	Proximal Femoral Nail	
364D	9mm Length 250mm	1 No.
364E	10mm Length 250mm	1 No.
364F	11mm Length 250mm	1 No.
364G	12mm Length 250mm	1 No.
	Locking Bolt	
353	4.9mm Locking Bolt - 30mm, 32mm, 34mm, 36mm, 38mm, 40mm, 42mm, 44mm, 46mm, 48mm, 50mm, 52mm, 54mm, 56mm, 58mm, 60mm, 65mm, 70mm	2 Each
	6.2mm Hip Locking Bolt	
354	55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm, 115mm, 120mm	2 Each
	8.0mm PFN Screw	
365	55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm, 115mm, 120mm	2 Each

807B.NSET | Implant Set for Long Proximal Femoral Nail

Code No.	Contents	Qty.
	Long Proximal Femoral Nail (LEFT)	
361D	9mm Length 340mm, 360mm, 380mm, 400mm, 420mm, 440mm	1 No.
361E	10mm Length 340mm, 360mm, 380mm, 400mm, 420mm, 440mm	1 No.
361F	11mm Length 340mm, 360mm, 380mm, 400mm, 420mm, 440mm	1 No.
	Long Proximal Femoral Nail (RIGHT)	
361D	9mm Length 340mm, 360mm, 380mm, 400mm, 420mm, 440mm	1 No.
361E	10mm Length 340mm, 360mm, 380mm, 400mm, 420mm, 440mm	1 No.
361F	11mm Length 340mm, 360mm, 380mm, 400mm, 420mm, 440mm	1 No.
	Locking Bolt	
353	4.9mm Locking Bolt - 30mm, 32mm, 34mm, 36mm, 38mm, 40mm, 42mm, 44mm, 46mm, 48mm, 50mm, 52mm, 54mm, 56mm, 58mm, 60mm, 65mm, 70mm	2 Each
	6.2mm Hip Locking Bolt	
354	55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm, 115mm, 120mm	2 Each
	8.0mm PFN Screw	
365	55mm, 60mm, 65mm, 70mm, 75mm, 80mm, 85mm, 90mm, 95mm, 100mm, 105mm, 110mm, 115mm, 120mm	2 Each

807.ISET | Instrument Set for Proximal Femoral Nail

Code No.	Contents	Qty.
807.001	Proximal & Distal Jig for Proximal Femoral Nail	1 No.
807.002	Threaded Conical Bolt for Proximal Femoral Nail	1 No.
807.003	Protection Sleeve 12.0/10.0mm Long	1 No.
807.004	Protection Sleeve 10.0/8.0mm Long	1 No.
807.005	Guide Wire Sleeve 10.0/2.0mm for 12mm Sleeve	1 No.
807.006	Guide Wire Sleeve 8.0/2.0mm for 10mm Sleeve	1 No.
807.007	Drill Sleeve 8.0mm/4.0mm Long	1 No.
807.008	Pointer 8.0mm with T Handle	1 No.
807.009	Step Drill Bits 8.0mm Long with Q/C for 8.0mm P.F.N	1 No.
807.010	Step Drill Bits 6.2mm Long with Q/C for 6.2mm hip locking bolt	1 No.
807.011	Starting Reamer for PFN Nail with Q/C 15mm	1 No.
807.012	Cannulated Screw Driver Long For P.F.N Screws	1 No.
807.013	Guide Wire 2.0mm Length 405mm	4 No.
804.007	Extractor-Impactor Rod with Hammer (Set of Two)	1 No.
804.008	Depth Gauge Long	1 No.
804.010	Hexagonal Screw Driver 3.5mm Tip Long for 4.9mm Bolt	1 No.
804.011	Modularly Tube	1 No.
804.012	Stopper Guide Wire 2.5mm Length 750mm	1 No.
804.013	Guide Wire 2.5mm Length 750mm	1 No.
804.014	Head For Threaded Conical Bolt	1 No.
802.001	Bone Awl Diamond Pointed	1 No.
802.002	Tissue Protector	1 No.
895.019	Spanner 19mm	1 No.
602.015	Drill Bits 4.0mm Length 250mm	2 No.
651.002	Quick Coupling T-Handle	1 No.
	Box for Long PFN Nail	1 No.
	Box for PFN Nail & Instrument Set	1 No.

Elastic Nail Implants & Instruments

IMPLANTS

T374 Titanium Elastic Nail



Length in MM	2.0mm Code No.	2.5mm Code No.	3.0mm Code No.	3.5mm Code No.	4.0mm Code No.
440mm	T374A.20	T374B.25	T374C.30	T374D.35	T374E.40



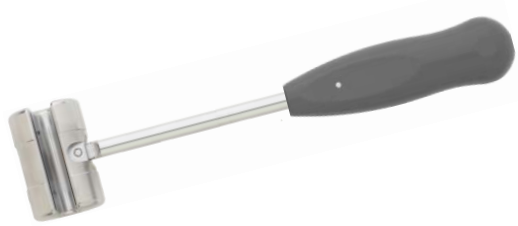


Diameters/Colors

2.0mm – Green
2.5mm – Pink
3.0mm – Gold
3.5mm – Blue
4.0mm – Purple

Elastic Nail Instruments

INSTRUMENTS

810 Instrument for Elastic Nail

	
810.001 Elastic Nail Inserter/Extractor with SS Chuck	810.002 Hammer Guide
	
810.003 Slide Hammer	810.004 F-Tool
	
810.005 Pliers For Elastic Nail	810.006 Pin Wrench
	
810.007 Rod Cutter	810.008 Oblique Temp

	
810.009 810.010	810.011 810.012
Standard Temp 2.5mm Standard Temp 3.0mm	Standard Temp 3.5mm Standard Temp 4.0mm
	
803.006	602.007
Small Bone Awl Diamond Pointed	Drill Bits 2.7mm x 95mm for Jacobs Chuck
	
602.009	602.016
Drill Bits 3.2mm x 130mm for Jacobs Chuck	Drill Bits 4.5mm x 130mm for Jacobs Chuck
	
605.045	
Double Drill Sleeve 4.5/3.2mm	Box for Nails & Instrument Set

810.NSET Implant Set for Elastic Nail

Code No.	Contents	Qty.
	Titanium Elastic Nail	
T374A	2.0mm Length – 440mm	6 Each
T374B	2.5mm Length – 440mm	6 Each
T374C	3.0mm Length – 440mm	6 Each
T374D	3.5mm Length – 440mm	6 Each
T374E	4.0mm Length – 440mm	6 Each

810.ISET Instrument Set for Elastic Nail

Code No.	Contents	Qty.
810.001	Elastic Nail Inserter/Extractor with SS Chuck	1 No.
810.002	Hammer Guide	1 No.
810.003	Slide Hammer	1 No.
810.004	F -Tool	1 No.
810.005	Pliers For Elastic Nail	1 No.
810.006	Pin Wrench	1 No.
810.007	Rod Cutter	1 No.
810.008	Oblique Temp	1 No.
810.009	Standard Temp 2.5mm	1 No.
810.010	Standard Temp 3.0mm	1 No.
810.011	Standard Temp 3.5mm	1 No.
810.012	Standard Temp 4.0mm	1 No.
803.006	Small Bone Awl Diamond Pointed	1 No.
602.007	Drill Bits 2.7mm x 95mm for Jacobs Chuck	1 No.
602.009	Drill Bits 3.2mm x 130mm for Jacobs Chuck	1 No.
602.016	Drill Bits 4.5mm x 130mm for Jacobs Chuck	1 No.
605.045	Double Drill Sleeve 4.5/3.2mm	1 No.
	Box for Nails & Instrument Set	1 No.

Spinal Pedicle Screw Implants & Instruments

Implants

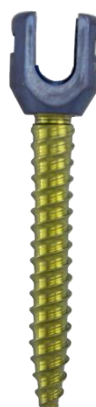
T401 Monoaxial Screw

Titanium	Dia. in MM	Length in MM
T401.4530	4.5mm	30mm
T401.4535	4.5mm	35mm
T401.4540	4.5mm	40mm
T401.4545	4.5mm	45mm
T401.4550	4.5mm	50mm
T401.5530	5.5mm	30mm
T401.5535	5.5mm	35mm
T401.5540	5.5mm	40mm
T401.5545	5.5mm	45mm
T401.5550	5.5mm	50mm
T401.6530	6.5mm	30mm
T401.6535	6.5mm	35mm
T401.6540	6.5mm	40mm
T401.6545	6.5mm	45mm
T401.6550	6.5mm	50mm



T402 Polyaxial Screw

Titanium	Dia. in MM	Length in MM
T402.4530	4.5mm	30mm
T402.4535	4.5mm	35mm
T402.4540	4.5mm	40mm
T402.4545	4.5mm	45mm
T402.4550	4.5mm	50mm
T402.5530	5.5mm	30mm
T402.5535	5.5mm	35mm
T402.5540	5.5mm	40mm
T402.5545	5.5mm	45mm
T402.5550	5.5mm	50mm
T402.6530	6.5mm	30mm
T402.6635	6.5mm	35mm
T402.6540	6.5mm	40mm
T402.6545	6.5mm	45mm
T402.6550	6.5mm	50mm



T403 Connecting Rod 6.0mm

Titanium	Dia. in MM	Length in MM
T403.050	6.0mm	50mm
T403.060	6.0mm	60mm
T403.070	6.0mm	70mm
T403.080	6.0mm	80mm
T403.090	6.0mm	90mm
T403.100	6.0mm	100mm
T403.120	6.0mm	120mm
T403.140	6.0mm	140mm
T403.160	6.0mm	160mm
T403.180	6.0mm	180mm
T403.200	6.0mm	200mm
T403.250	6.0mm	250mm
T403.300	6.0mm	300mm



T404 Connecting Rod 3.0mm



















Titanium	Dia. in MM	Length in MM
T426.3034	30mm	34mm
T426.3442	34mm	42mm
T426.4053	40mm	53mm
T426.5070	50mm	70mm



Spinal System

Spinal Pedicle Screw Instruments

Instruments

	675.001 Pedicle Probe Flat		675.002 Pedicle Probe Pointed
	675.003 Pedicle Centralizer		675.004 Starting Awl Trocar
	675.005 Quick Coupling T Handle		675.006 Quick Coupling Straight Handle
	675.007 Pedicle Screw Tap 4.5mm 675.008 Pedicle Screw Tap 5.5mm 675.009 Pedicle Screw Tap 6.5mm		675.010 Pedicle Sound
	675.011 Mono Axial Screw Driver		675.012 Poly Axial Screw Driver
	675.013 Inner Nut Inserter		675.014 Inner Nut Final Tightner
	675.015 Ratched Rod Holder		675.016 Vice Grip for Rod
	675.017 Multi Purpose Rod Bender		675.018 Insitu Rod Bender
	675.019 Open Rod Pusher		675.020 Closed Rod Pusher

	675.021	Spreader		675.022	Compressor
	675.023	D-Tork		675.024	Rockers
	675.025	Reduction Screw Break-Off		675.026	Staple Introducer
	675.027	Quick Coupling Screw Driver 2.5mm Tip			
					Box for implants
					Box for Instrument Set

Cervical Implants & Instruments

Implants

413 Cervical Plate

Stainless Steel	Titanium	Length in MM	Stainless Steel	Titanium	Length in MM
413.215	T413.215	21.5mm	413.475	T413.475	47.5mm
413.230	T413.230	23mm	413.500	T413.500	50mm
413.250	T413.250	25mm	413.525	T413.525	52.5mm
413.275	T413.275	27.5mm	413.550	T413.550	55mm
413.300	T413.300	30mm	413.575	T413.575	57.5mm
413.325	T413.325	32.5mm	413.600	T413.600	60mm
413.350	T413.350	35mm	413.625	T413.625	62.5mm
413.375	T413.375	37.5mm	413.650	T413.650	65mm
413.400	T413.400	40mm	413.675	T413.675	67.5mm
413.425	T413.425	42.5mm	413.700	T413.700	70mm
413.450	T413.450	45mm			



414 Cervical Bone Screw

Stainless Steel	Titanium	Dia. in MM	Length in MM
414.12	T414.12	4.0mm	12mm
414.14	T414.14	4.0mm	14mm
414.16	T414.16	4.0mm	16mm
414.18	T414.18	4.0mm	18mm
414.20	T414.20	4.0mm	20mm
414.22	T414.22	4.0mm	22mm














Spinal System

T415 Cervical Locking Screw



Cervical Instruments
Instruments

	
<p>677.001 Drill Bit with handle 2.5mm for Cervical Bone Screw</p>	<p>677.002 Tap with Handle 4.0mm for Cervical Bone Screw</p>
	
<p>677.003 Cervical Drill Guide Sleeve</p>	<p>677.004 Cervical Tap Guide Sleeve</p>
	
<p>677.005 Self Holding Hexagonal Screw Driver 2.5mm Tip</p>	<p>677.006 Lock Screw Driver</p>
	
<p>677.007 Cervical Plate Holder</p>	<p>677.008 Spacer Spanner</p>
	
<p>677.009 Spacer 12mm 677.010 Spacer 14mm 677.011 Spacer 16mm</p>	<p>677.012 Spacer 18mm 677.013 Spacer 20mm 677.014 Spacer 22mm</p>
	
<p>677.015 Plate Bender Pair</p>	<p>Cervical Implants & Instruments Box</p>

Spinal Eco Cage

Implants

T416 Spinal Eco Cage

Length	12mm	14mm	16mm	18mm
	Code No. T416A	Code No. T416B	Code No. T416C	Code No. T416D
20mm	T416A.20	T416B.20	T416C.20	T416D.20
25mm	T416A.25	T416B.25	T416C.25	T416D.25
30mm	T416A.30	T416B.30	T416C.30	T416D.30
35mm	T416A.35	T416B.35	T416C.35	T416D.35
40mm	T416A.40	T416B.40	T416C.40	T416D.40
45mm	T416A.45	T416B.45	T416C.45	T416D.45
50mm	T416A.50	T416B.50	T416C.50	T416D.50



Spinal Curved Cage (Kidney Cage)

Implants

T418 Tlif Cage (Kidney Cage)

Length	4°	8°	11°
	Code No. T418A	Code No. T418B	Code No. T418C
7mm	T418A.07	T418B.07	T418B.07
8mm	T418A.08	T418B.08	T418B.08
9mm	T418A.09	T418B.09	T418B.09
10mm	T418A.10	T418B.10	T418B.10
11mm	T418A.11	T418B.11	T418B.11



419 Plif Cage

Length	20mm	25mm
	Code No. 419A	Code No. 419B
7mm	419A.07	419B.07
8mm	419A.08	419B.08
9mm	419A.09	419B.09
10mm	419A.10	419B.10
11mm	419A.11	419B.11



Note: For TITANIUM products, please prefix "T" before Item Code Number.

Instruments

680.021	Chisel 7mm	680.024	Chisel 10mm
680.022	Chisel 8mm	680.025	Chisel 11mm
680.023	Chisel 9mm		
680.027	Box Chisel 7.0mm	680.030	Box Chisel 10.0mm
680.028	Box Chisel 8.0mm	680.031	Box Chisel 11.0mm
680.029	Box Chisel 9.0mm		
680.033	Box Currete Left	680.035	Cup Currete Left
680.034	Box Currete Right	680.036	Cup Currete Right
680.037	Plif Cage Introducer	680.038	Banana (Kidney Cage) Introducer
680.039	Cup Currete Straight	680.040	Box Currete Straight
811.037	T Handle Cannulated	AGC.44	Cage Implants & Instruments Box

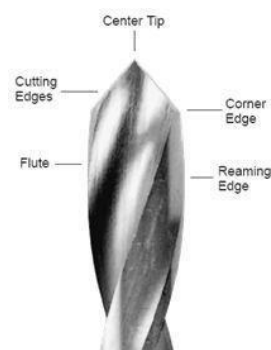
Spinal System

GENERAL INSTRUMENTS

Drill Bits

601 Drill Bits for Quick Coupling

Code No.	Diameter	Length
601.001	1.1mm	60mm
601.002	1.5mm	85mm
601.003	1.5mm	110mm
601.004	1.8mm	100mm
601.005	1.8mm	125mm
601.006	2.0mm	100mm
601.007	2.0mm	125mm
601.008	2.5mm	110mm
601.009	2.5mm	180mm
601.010	2.7mm	110mm
601.011	3.2mm	145mm
601.012	3.2mm	195mm
601.013	3.5mm	195mm
601.014	4.5mm	145mm
601.015	4.5mm	195mm
601.016	3.5mm	110mm
601.018	2.7mm	150mm
601.019	2.8mm	165mm
601.020	4.3mm	225mm
601.021	2.3mm	130mm
601.022	4.0mm	250mm
601.023	2.5mm	250mm
601.024	2.7mm	250mm
601.025	2.7mm	130mm
601.026	2.7mm	180mm
601.027	2.0mm	170mm







602 Drill Bits for Jacobs Chuck










Code No.	Diameter	Length
602.001	1.1mm	45mm
602.002	1.5mm	70mm
602.003	1.8mm	100mm
602.004	2.0mm	85mm
602.005	2.5mm	95mm
602.006	2.5mm	180mm
602.007	2.7mm	95mm
602.008	2.7mm	180mm
602.009	3.2mm	130mm
602.010	3.2mm	180mm
602.011	3.2mm	250mm
602.012	3.5mm	130mm
602.013	3.5mm	180mm
602.014	3.5mm	250mm
602.015	4.0mm	250mm
602.016	4.5mm	130mm
602.017	4.5mm	180mm
602.018	4.5mm	250mm
602.019	3.0mm	200mm
602.020	2.5mm	130mm
602.021	2.7mm	130mm
602.022	4.3mm	225mm
602.023	2.8mm	130mm
602.024	2.7mm	230mm
602.025	2.3mm	150mm
602.026	4.5mm	300mm
602.027	2.0mm	125mm
602.028	2.0mm	180mm
602.029	2.0mm	150mm
602.030	4.0mm	300mm
602.031	4.3mm	300mm
602.032	2.8mm	170mm











Plaster Cutting Instruments

	
<p>679.001 Plaster Saw Small Angle</p>	<p>679.002 Plaster Saw Large</p>
	
<p>679.003 Electric Plaster Cutting Saw with Two Blade</p>	<p>679.004 Small Blade for Electric Plaster Cutting Saw</p>
	
<p>679.005 Large Blade for Electric Plaster Cutting Saw</p>	<p>679.006 Plaster Cutting Scissor</p>
	
<p>679.007 Plaster Bender</p>	<p>679.008 Plaster Spreader</p>
	
<p>679.009 Plaster Share Lorenz's</p>	







Bone Holding Forceps











	681.150 Burns Bone Holding Forceps Small Length 150mm 681.190 Burns Bone Holding Forceps Small Length 190mm		682.200 Lanes Bone Holding Forceps Length 200mm 682.250 Lanes Bone Holding Forceps Length 250mm 682.300 Lanes Bone Holding Forceps Length 300mm
	683.205 Heygroves Bone Holding Forceps Small Length 205mm 683.255 Heygroves Bone Holding Forceps Medium Length 255mm 683.300 Heygroves Bone Holding Forceps Large Length 300mm		684.130 Lowman's Bone Holding Clamp Length 130mm 684.155 Lowman's Bone Holding Clamp Length 155mm 684.180 Lowman's Bone Holding Clamp Length 180mm 684.205 Lowman's Bone Holding Clamp Length 205mm
	685.001 Plate & Bone Holding Forceps For 3.5mm Screw Small 685.255 Plate & Bone Holding Forceps For 4.5mm Screw Medium 685.300 Plate & Bone Holding Forceps For 4.5mm Screw Large		686.205 Patella Bone Holding Forceps Length 205mm 686.250 Patella Bone Holding Forceps Length 250mm
	687.100 Self-centering Bone Holding Forceps Length 100mm 687.144 Self-centering Bone Holding Forceps Length 144mm 687.191 Self-centering Bone Holding Forceps Length 191mm 687.239 Self-centering Bone Holding Forceps Length 239mm 687.277 Self-centering Bone Holding Forceps Length 277mm 687.310 Self-centering Bone Holding Forceps Length 310mm		688.100 Reduction Forceps Serrated jaws Length 100mm 688.146 Reduction Forceps Serrated jaws Length 146mm 688.191 Reduction Forceps Serrated jaws Length 191mm 688.205 Reduction Forceps Serrated jaws Length 205mm 688.255 Reduction Forceps Serrated jaws Length 255mm 688.300 Reduction Forceps Serrated jaws Length 300mm
			689.126 Reduction Forceps With Points Length 126mm 689.161 Reduction Forceps with Points Length 161mm 689.205 Reduction Forceps With Points Length 205mm 689.255 Reduction Forceps With Points Length 255mm

Bone Cutters

	691.001	Bone Cutter Straight Small (D.A)		691.002	Bone Cutter Curved Small (D.A)
	691.003	Bone Cutter Straight Small (S.A)		691.004	Bone Cutter Curved Small (S.A)
	691.005	Bone Cutter Straight Large		691.006	Bone Cutter Curved Large
	691.007	Tuder Edward Bone Cutter 45° Angle		691.008	Tuder Edward Bone Cutter 90° Angle

Bone Nibblers / Punch

	691.011	Bone Nibbler Straight Small (D.A)		691.012	Bone Nibbler Curved Small (D.A)
	691.013	Bone Nibbler Large Straight		691.014	Bone Nibbler Large Curved
	691.015	Bone Nibbler Angular (D.A)		691.016	Spinal Rounder

			
692.452 692.453 692.454	Punch Forceps 45° Upward Cutting 2mm Punch Forceps 45° Upward Cutting 3mm Punch Forceps 45° Upward Cutting 4mm	693.452 693.453 693.454	Punch Forceps 45° Downward Cutting 2mm Punch Forceps 45° Downward Cutting 3mm Punch Forceps 45° Downward Cutting 4mm
			
694.452 694.453 694.454	Punch Forceps 90° Upward Cutting 2mm Punch Forceps 90° Upward Cutting 3mm Punch Forceps 90° Upward Cutting 4mm	695.452 695.453 695.454	Punch Forceps 90° Downward Cutting 2mm Punch Forceps 90° Downward Cutting 3mm Punch Forceps 90° Downward Cutting 4mm
			
696.001 696.002 696.003	Disc Punch Plain Straight Cutting 2mm Disc Punch Plain Straight Cutting 3mm Disc Punch Plain Straight Cutting 4mm	696.004 696.005 696.006	Disc Punch Plain Upward Cutting 2mm Disc Punch Plain Upward Cutting 3mm Disc Punch Plain Upward Cutting 4mm
			
696.007 696.008 696.009	Disc Punch Plain Downward Cutting 2mm Disc Punch Plain Downward Cutting 3mm Disc Punch Plain Downward Cutting 4mm	697.001 697.002 697.003	Disc Punch Serration Straight Cutting 2mm Disc Punch Serration Straight Cutting 3mm Disc Punch Serration Straight Cutting 4mm
			
697.004 697.005 697.006	Disc Punch Serration Upward Cutting 2mm Disc Punch Serration Upward Cutting 3mm Disc Punch Serration Upward Cutting 4mm	697.007 697.008 697.009	Disc Punch Serration Downward Cutting 2mm Disc Punch Serration Downward Cutting 3mm Disc Punch Serration Downward Cutting 4mm

Bone Retractor / Bone Elevators / Bone Levers


			
706.006	Retractor 6mm Wide	706.008	Retractor 8mm Wide
			
706.015	Retractor 15mm Wide	707.018	Retractor 18mm Wide

	707.024	Retractor 24mm Wide		707.043	Retractor 43mm Wide
	707.060	Retractor 60mm Wide		708.001	Durra Retractor Straight
	708.002	Durra Retractor Curved		708.003	Nerve Root Retractor Straight
	708.004	Nerve Root Retractor Curved		708.150	Mastoid Retractor 150mm
				708.200	Mastoid Retractor 200mm
				708.250	Mastoid Retractor 250mm
	709.200	Self Retraining Retractor 200mm		711.001	Periosteal Elevator Curved Blade 6mm wide
	709.250	Self Retraining Retractor 250mm		711.002	Periosteal Elevator Curved Blade 10mm wide
	709.300	Self Retraining Retractor 300mm		711.003	Periosteal Elevator Curved Blade 14mm wide
	711.004	Periosteal Elevator Straight Blade 6mm wide		711.009	Bristow Periosteal Elevator
	711.005	Periosteal Elevator Straight Blade 10mm wide			
	711.006	Periosteal Elevator Straight Blade 14mm wide			
	711.010	Cobs Elevator		712.001	Bone Lever Small for Radius/Ulna
	712.002	Lane's Bone Lever Large Plain		712.003	Lane's Bone Lever Large Serrated

Osteotomes

			
713.005	Osteotomes Straight 5mm	714.005	Osteotomes Curved 5mm
713.010	Osteotomes Straight 10mm	714.010	Osteotomes Curved 10mm
713.015	Osteotomes Straight 15mm	714.015	Osteotomes Curved 15mm
713.020	Osteotomes Straight 20mm	714.020	Osteotomes Curved 20mm
713.025	Osteotomes Straight 25mm	714.025	Osteotomes Curved 25mm
		715.002	Small Osteotomes 2mm
		715.004	Small Osteotomes 4mm
		715.006	Small Osteotomes 6mm
		715.008	Small Osteotomes 8mm

Chisels

		716.005	Chisel Straight 5mm
		716.010	Chisel Straight 10mm
		716.015	Chisel Straight 15mm
		716.020	Chisel Straight 20mm
		716.025	Chisel Straight 25mm

Gouges

			
717.005	Gauge Straight 5mm	718.005	Gauge Curved 5mm
717.010	Gauge Straight 10mm	718.010	Gauge Curved 10mm
717.015	Gauge Straight 15mm	718.015	Gauge Curved 15mm
717.020	Gauge Straight 20mm	718.020	Gauge Curved 20mm
717.025	Gauge Straight 25mm	718.025	Gauge Curved 25mm

Hand Drills

	721.001	Hand Drill with Chuck & Key		721.002	Open Gear Hand Drill with Chuck & Key
	721.003	Micro Hand Drill with Colet		721.004	Chuck & Key Small 1/4"
	721.005	Chuck & Key Large 3/4"		721.006	Key for Small Chuck
				721.007	Key for Large Chuck

Broken Screw & Broken Nail Removal Instruments

				723.006	Broken Nail Removal 6mm
	723.008	Broken Nail Removal 8mm		723.010	Broken Nail Removal 10mm
				723.001	Broken Nail Removal with Long Hook with Extractor Rod & Hammer

Reamers

	724.001	Flexible Reaming Shaft			
724.090 Reamer for Flexible Reaming Shaft 9.0mm 724.095 Reamer for Flexible Reaming Shaft 9.5mm 724.100 Reamer for Flexible Reaming Shaft 10.0mm 724.105 Reamer for Flexible Reaming Shaft 10.5mm 724.110 Reamer for Flexible Reaming Shaft 11.0mm 724.115 Reamer for Flexible Reaming Shaft 11.5mm 724.120 Reamer for Flexible Reaming Shaft 12.0mm 724.125 Reamer for Flexible Reaming Shaft 12.5mm 724.130 Reamer for Flexible Reaming Shaft 13.0mm			  		
	725.080	Flexible Reamer with Shaft 8.0mm		725.090	Flexible Reamer with Shaft 9.0mm
	725.100	Flexible Reamer with Shaft 10.0mm		725.110	Flexible Reamer with Shaft 11.0mm
	725.120	Flexible Reamer with Shaft 12.0mm		725.130	Flexible Reamer with Shaft 13.0mm



726.020	Reamer for Nail 2.0mm	726.070	Reamer for Nail 7.0mm
726.025	Reamer for Nail 2.5mm	726.080	Reamer for Nail 8.0mm
726.030	Reamer for Nail 3.0mm	726.090	Reamer for Nail 9.0mm
726.035	Reamer for Nail 3.5mm	726.100	Reamer for Nail 10.0mm
726.040	Reamer for Nail 4.0mm	726.110	Reamer for Nail 11.0mm
726.045	Reamer for Nail 4.5mm	726.120	Reamer for Nail 12.0mm
726.050	Reamer for Nail 5.0mm	726.130	Reamer for Nail 13.0mm
726.060	Reamer for Nail 6.0mm	726.140	Reamer for Nail 14.0mm
		727.060	Cannulated Reamer for Nail 6.0mm
		727.070	Cannulated Reamer for Nail 7.0mm
		727.080	Cannulated Reamer for Nail 8.0mm
		727.090	Cannulated Reamer for Nail 9.0mm
		727.100	Cannulated Reamer for Nail 10.0mm
		727.110	Cannulated Reamer for Nail 11.0mm
		727.120	Cannulated Reamer for Nail 12.0mm
727.130	Cannulated Reamer for Nail 13.0mm		

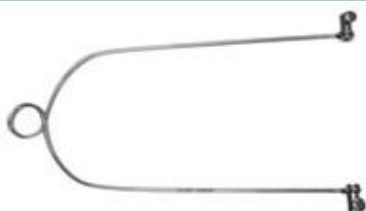
Others Instruments



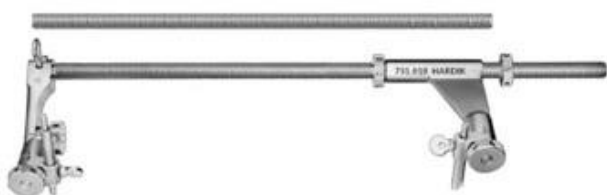
731.100	Hammer Mini 100gm With Fiber Handle	731.001	Hammer With Nylon Faced
731.350	Hammer Small 350gm With Fiber Handle		
731.500	Hammer Medium 500gm With Fiber Handle		
731.750	Hammer Large 750gm With Fiber Handle		



731.002	Bone File With Fiber Handle	731.003	Crutch Field Tong Small
		731.004	Crutch Field Tong Large



731.005	Bohler Stirrup Small 130mm x 180mm	731.012	Chanalys Clamp Pair
731.006	Bohler Stirrup Medium 130mm x 240mm		
731.007	Bohler Stirrup Large 130mm x 280mm		
731.008	Bohler Stirrup Small 130mm x 380mm		



731.018	Femoral Distractor Two in One		
---------	-------------------------------	--	--

Spanners



895.006	Spanner 6mm	896.006	T Handle Socket Wrench Cannulated 6mm
895.008	Spanner 8mm	896.008	T Handle Socket Wrench Cannulated 8mm
895.010	Spanner 10mm	896.010	T Handle Socket Wrench Cannulated 10mm
895.011	Spanner 11mm	896.011	T Handle Socket Wrench Cannulated 11mm
895.012	Spanner 12mm	896.012	T Handle Socket Wrench Cannulated 12mm
895.014	Spanner 14mm	896.013	T Handle Socket Wrench Cannulated 13mm
895.016	Spanner 16mm		
895.019	Spanner 19mm		
895.020	Spanner 20mm		

External Fixator Implants Rail Fixation System

			
977.0230	LRS Rail 230mm	977.0003	C.D Unit Small
977.0300	LRS Rail 300mm	977.0004	C.D Unit Large
977.0400	LRS Rail 400mm		
			
977.0001	End Clamp	977.0002	Central Clamp
			
977.0005	Swivel Clamp	977.0006	T clamp
			
977.0007	Ball & Socket Clamp Standard	977.0008	T-Ball & Socket Clamp
			
977.0013	Graduated Swivel Clamp	977.0014	Metafacial Clamp
			
977.0015	Sandwich Plate	977.0016	Bolt For Sandwich Plate



977.0017 Dyna Ring Clamp

Dynamic External Fixation



977.0009 Dynamic External Fixator (Small)
977.0010 Dynamic External Fixator (Medium)
977.0011 Dynamic External Fixator (Large)



977.0012 Elbow Clamp



977.0019 Linear Dynamic External Fixator (Small)
977.0020 Linear Dynamic External Fixator (Medium)
977.0021 Linear Dynamic External Fixator (Large)



977.0022 Dynamic Wrist Fixator



977.0023 Distal Radius Fixator



977.0024 Self Adjusting Clamp



977.0025 T-End Clamp

Pediatric Rail System

			
977.0150	Pediatric LRS Rail 150mm	977.0026	Pediatric Central Clamp
977.0200	Pediatric LRS Rail 200mm		
977.0250	Pediatric LRS Rail 250mm		
			
977.0027	Pediatric Mini End Clamp	977.0028	Pediatric Swivel Clamp
			
977.0029	Pediatric C D Unit	977.0030	Pediatric T clamp

476 Steinman Pin



Length In MM	2.5mm Code No. 476A	3.0mm Code No. 476B	3.5mm Code No. 476C	4.0mm Code No. 476D	4.5mm Code No. 476E	5.0mm Code No. 476F
125mm	476A.12	----	----	----	----	----
150mm	476A.15	476B.15	476C.15	476D.15	476E.15	----
175mm	476A.17	476B.17	476C.17	476D.17	476E.17	----
200mm	476A.20	476B.20	476C.20	476D.20	476E.20	476F.20
225mm	476A.22	476B.22	476C.22	476D.22	476E.22	476F.22
250mm	----	----	----	----	476E.25	476F.25
300mm	----	----	----	----	----	476F.30

477 Steinman Pin (Central Threaded)

Thread Diameter 0.5mm larger than pin Diameter.



Code No.	Dia.	Total Length in MM
477.30	3.0mm	225mm
477.35	3.5mm	225mm
477.40	4.0mm	225mm
477.45	4.5mm	225mm
477.50	5.0mm	225mm

478 Schanz Screw (16mm Thread)



Length In MM	2.0mm Code No. 478A	2.5mm Code No. 478B	3.5mm/4.0mm Code No. 478C	4.5mm Code No. 478D
75mm	478A.075	----	----	----
100mm	478A.100	478B.100	478C.100	----
125mm	478A.125	478B.125	478C.125	478D.125
150mm	----	478B.150	478C.150	478D.150
175mm	----	----	478C.175	478D.175
200mm	----	----	478C.200	478D.200
225mm	----	----	----	478D.225

479 Schanz Screw (32mm Thread)



Length In MM	3.5mm/4.0mm Code No. 479C	4.5mm Code No. 479D	5.0mm Code No. 479E
100mm	479C.100	----	----
125mm	479C.125	479D.125	----
150mm	479C.150	479D.150	479E.150
175mm	479C.175	479D.175	479E.175
200mm	479C.200	479D.200	479E.200
225mm	----	479D.225	479E.225

480 Schanz Screw Tapper Thread (50mm Thread)













Length In MM	5.0mm Code No. 480E	5.5mm Code No. 480F	6.0mm Code No. 480G
150mm	480E.150	480F.150	480G.150
175mm	480E.175	480F.175	480G.175
200mm	480E.200	480F.200	480G.200
225mm	480E.225	480F.225	480G.225

481 Schanz Screw (50mm Thread)



Length In MM	5.0mm Code No. 481E	5.5mm Code No. 481F
150mm	481E.150	481F.150
175mm	481E.175	481F.175
200mm	481E.200	481F.200
225mm	481E.225	481F.225












Mini External Fixators

			
901.0475	Distractor Double Hole 4.0mm Length 75mm	901.0615	Distractor Double Hole 6.0mm Length 150mm
901.0410	Distractor Double Hole 4.0mm Length 100mm	901.0620	Distractor Double Hole 6.0mm Length 200mm
901.0415	Distractor Double Hole 4.0mm Length 150mm	901.0625	Distractor Double Hole 6.0mm Length 250mm
		901.0630	Distractor Double Hole 6.0mm Length 300mm
			
902.0450	Distractor Single Hole 4.0mm Length 50mm	903.0203	Link Joint Clamp 2.0mm Wire 3.0mm Rod
902.0475	Distractor Single Hole 4.0mm Length 75mm	903.0304	Link Joint Clamp 3.0mm Wire 4.0mm Rod
902.0410	Distractor Single Hole 4.0mm Length 100mm	903.0404	Link Joint Clamp 4.0mm Wire 4.0mm Rod
			
904.3075	Straight Rod 3.0mm Length 75mm	904.4010	Straight Rod 4.0mm Length 100mm
904.3010	Straight Rod 3.0mm Length 100mm	904.4015	Straight Rod 4.0mm Length 150mm
904.3015	Straight Rod 3.0mm Length 150mm	904.4020	Straight Rod 4.0mm Length 200mm
904.3020	Straight Rod 3.0mm Length 200mm	904.4025	Straight Rod 4.0mm Length 250mm
904.3025	Straight Rod 3.0mm Length 250mm	904.4030	Straight Rod 4.0mm Length 300mm
904.3030	Straight Rod 3.0mm Length 300mm	904.4035	Straight Rod 4.0mm Length 350mm
		904.4040	Straight Rod 4.0mm Length 400mm
			
905.0030	L Rod Small 3.0mm 30 x 30mm	906.0030	L Rod Large 3.0mm 50 x 50mm
905.0040	L Rod Small 4.0mm 30 x 30mm	906.0040	L Rod Large 4.0mm 50 x 50mm
			
907.0030	Z Rod 3.0mm 40 x 40 x 40mm	908.0002	Allen Key 2.0mm
907.0040	Z Rod 4.0mm 40 x 40 x 40mm	908.0003	Allen Key 3.0mm
		908.0004	Allen Key 4.0mm
			
		895.006	Spanner 6.0mm
		895.008	Spanner 8.0mm
		895.010	Spanner 10mm

Small External Fixators

			
904.4010	Straight Rod 4.0mm Length 100mm	911.2540	Small Clamp 2.5mm x 4.0mm
904.4015	Straight Rod 4.0mm Length 150mm	911.4040	Small Clamp 4.0mm x 4.0mm
904.4020	Straight Rod 4.0mm Length 200mm		
904.4025	Straight Rod 4.0mm Length 250mm		
904.4030	Straight Rod 4.0mm Length 300mm		
			
896.008	T handle Wrench 8mm	895.008	Spanner 8mm
			
911.0001	Mini Distractor Unit for Metacarpal	913.0150	Distracter Compression Rod 4.0mm Length 150mm
		913.0200	Distracter Compression Rod 4.0mm Length 200mm
		913.0250	Distracter Compression Rod 4.0mm Length 250mm

Large External Fixators

	<p>921.1110 921.1115 921.1120 921.1125 921.1130 921.1135 921.1140 921.1145 921.1150</p>	<p>Connection Tube 11.0mm Length 100mm Connection Tube 11.0mm Length 150mm Connection Tube 11.0mm Length 200mm Connection Tube 11.0mm Length 250mm Connection Tube 11.0mm Length 300mm Connection Tube 11.0mm Length 350mm Connection Tube 11.0mm Length 400mm Connection Tube 11.0mm Length 450mm Connection Tube 11.0mm Length 500mm</p>
		
<p>922.4511 Single Pin Clamp 4.5mm x 11.0mm</p>		<p>923.4511 Double Pin Clamp 4.5mm x 11.0mm</p>
		
<p>924.4511 Open Clamp 4.5mm x 11.0mm</p>		<p>925.1111 Tube to Tube Clamp 11.0mm x 11.0mm</p>
		
<p>926.0001 Universal Joint Twin Clamp</p>		<p>928.0001 Transverse Clamp</p>
		
<p>929.0001 Compression Open</p>		<p>930.0001 Triple Trocar</p>
		
<p>931.0001 Simple Handle For Steinman Pin & Schanz Screw</p>		<p>896.011 T Handle Socket Wrench 11mm</p>

Ring Fixators



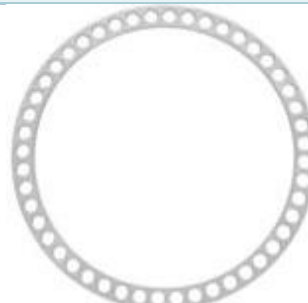
961.0080 Half Ring 80mm ID
961.0100 Half Ring 100mm ID
961.0120 Half Ring 120mm ID
961.0140 Half Ring 140mm ID
961.0150 Half Ring 150mm ID
961.0160 Half Ring 160mm ID
961.0180 Half Ring 180mm ID
961.0200 Half Ring 200mm ID
961.0220 Half Ring 220mm ID

962.0080 5/8 Ring 80mm ID
962.0100 5/8 Ring 100mm ID
962.0120 5/8 Ring 120mm ID
962.0140 5/8 Ring 140mm ID
962.0150 5/8 Ring 150mm ID
962.0160 5/8 Ring 160mm ID
962.0180 5/8 Ring 180mm ID
962.0200 5/8 Ring 200mm ID
962.0220 5/8 Ring 220mm ID



963.1890 Italian Arch Ring 180mm ID 90°

963.1812 Italian Arch Ring 180mm ID 120°



964.0100 Threaded Rod M6 Length 100mm
964.0125 Threaded Rod M6 Length 125mm
964.0150 Threaded Rod M6 Length 150mm
964.0175 Threaded Rod M6 Length 175mm
964.0200 Threaded Rod M6 Length 200mm
964.0225 Threaded Rod M6 Length 225mm
964.0250 Threaded Rod M6 Length 250mm
964.0300 Threaded Rod M6 Length 300mm
964.0350 Threaded Rod M6 Length 350mm
964.0400 Threaded Rod M6 Length 400mm

965.140 Full Ring 140mm ID
965.150 Full Ring 150mm ID
965.160 Full Ring 160mm ID
965.180 Full Ring 180mm ID
965.200 Full Ring 200mm ID
965.220 Full Ring 220mm ID



















966.0001 Hinges Male 1hole






966.0002 Hinges Female 1hole



966.0003 Hinges 90°

967.0002 Male Post 2hole
967.0003 Male Post 3hole
967.0004 Male Post 4hole

			
968.0002	Female Post 2hole	969.0004	Connection Plate 4hole
968.0003	Female Post 3hole	969.0006	Connection Plate 6hole
968.0004	Female Post 4hole	969.0008	Connection Plate 8hole
		969.0010	Connection Plate 10hole
			
970.0012	Connection Bolt Length 12mm	971.0001	Nut M6
970.0015	Connection Bolt Length 15mm		
			
971.0002	Wire Fixation Bolt Side Slot	971.0003	Wire Fixation Bolt Center Hole
			
971.0004	Square Nut	972.0035	Single Pin Fixation Bolt 3.5mm
		972.0045	Single Pin Fixation Bolt 4.5mm
		972.0050	Single Pin Fixation Bolt 5.5mm
			
973.0001	Wrencho Cubes 1hole	974.0001	Washer Simple
973.0002	Wrencho Cubes 2hole		
973.0003	Wrencho Cubes 3hole		
973.0004	Wrencho Cubes 4hole		
			
974.0002	Washer Slotted	975.0001	Tension Wire with Bayonet Point 1.8mm Length 405mm
			
975.0003	Olive Wire with Bayonet Point 1.8mm Length 405mm	976.0001	Curved Plate
			
976.0002	Twisted Plate	976.0003	Multiple Schanz Screw Clamp

	
<p>976.0004 Hexagonal Socket</p>	<p>976.0005 Bushing</p>
	
<p>976.0006 Oblique Support</p>	<p>976.0007 Wire Tensioner Dynamic</p>
	
<p>Telescopic Rod Graduated Length 100mm Telescopic Rod Graduated Length 125mm Telescopic Rod Graduated Length 150mm Telescopic Rod Graduated Length 200mm</p>	<p>895.011 Spanner 11mm</p>

Essential Health & Safety Requirements for Usage of Orthopedics Implants

Surgical implants act as internal aids to normal healing. These are not intended to replace normal body structure. These only assist in healing and cannot bear the weight of the body when the bone is not completely healed.

Surgical implants have given the surgeon a means of rigid fixation for fracture management and reconstructive surgery.

The following points should be kept in mind when using orthopedic implants:

1. Selection of the Patient:

During patient selection the following factors have to be considered

- a) **Immunological Intolerance:** Immunological intolerance may occur in some patients. In cases where material sensitivity is suspected, appropriate foreign body tests should be performed.
- b) **Degenerative Diseases:** In case where the patient suffers from degenerative diseases, implantation can cause accelerated disease progression, and will decrease the expected life of the implant. In such cases, surgery can be considered only as a temporary relief.
- c) **Mental illness:** Mental illness or Schizophrenia may cause patients to ignore the limitations and precautions of the implanted material, leading to implant fracture and complication.
- d) **Alcohol and Drug Addiction:** Patients who are addicted to alcohol and drugs may ignore the need for the precautions outlined for use of implants. This may result in complications of implant failure.
- e) **Obesity:** An obese patient produces abnormal stresses leading to increased load on the implant which ultimately results in failure of the implant.
- f) **Activity:** If the patient indulges in a activity, involving significant muscular strain in the implanted region, then the result could be failure of the implant.

2. Selection of the Implant:

For successful implantation, the selection of the proper size, shape, and design of the implant is important.

The size and shape of the human bones puts limitations on size and strength of implants during fracture management and reconstructive surgery.

3. Handling of Implants:

The plate should confirm to the shape of the bone, and any inequality should be adjusted by accurate shaping of the plate before it is fixed. The Technique of using the screws to bend a plate to fit the bone is not recommended as the screws are instantly subjected to the strong expelling force.

Hence, plate contouring should be done by the special plate benders designed for this purpose. Care should be taken that there are no scratches, distortion notches, sharp dents or reverse bents at the site of the screw hole. These may cause defects on surface finish and result in improper bonding.

4. Unstable Fixation:

Plates even if bent and properly fixed may fatigue and break. Breakage may be due to the unstable implant fixation or insufficient support.

If the screw is not properly centered as it is being tightened, there will be tendency for the counter sink in the plate to force it to the one side. This may damage the good threads already cut in the bone and produce a strain, which can lead to necrosis and early loosening of the screw.

5. Implant Removal:

The surgeon must take the final decision on implant removal. It is recommended that the implant used as aid for dealing should be removal once its service is over, particularly in younger and more active patients.

6. Post Operative Care:

A patient must be made aware of the limitations of the metallic implants and take precautions to avoid unnecessary stress to the implant. No partial weight bearing or non weight bearing device can be expected to withstand the unsupported stresses of full weight bearing or excessive muscular activity when there was a unit fracture.

Bone union is a must and the patient must restrict activities to assist in healing.

7. Second Hand Implants:

Every implant must be discarded after use and should never be re-used. Used implants which appear un-damaged may have internal and external defects. If is possible that individual stress analysis of each part fails to reveal the accumulated stress on the metal as a result of use with ion the body. This may lead ultimately to implant failure.

8. Incompatible Implant Combinations:

Implant components from one manufacturer should not be used with those of the another implants from each manufacturer may have metal and design differences, so that use in conjunction with different devices could lead to in adequate fixation or corrosion of the implant due to generation of piezoelectric currents.

CAUTION:

The user/surgeon should verify the suitability of the product in all aspects before usage .The manufacturers assures that the product is manufactured as per accepted standards for dimensions and quality of raw material. The manufacturer will not be responsible or liable for any reason whatsoever after usage of the product. The user/surgeon is advised to study the precautions on usage of implants.

Products pictures are given in this products catalogue just for reference purpose and it can be change by company.