



TRAUMA CATALOGUE

ABOUT US

Manufacturer of Orthopaedic Implants & Instruments

Osseous Surgicals® is known for its competence in Designing Implants and Instruments which meet the current needs of Surgeons. We have on Orthopaedic Surgeon on Board Panel who provide support in designing implants with latest technical requirements including clinical evaluation.

Our products are easier to install and handle, because they were created by a Surgeon. At the same time, we get continuously feedback from Doctors, so we incorporate this feedback into our new products. Within a short span of time since launch, Osseous has been able to carve out a leadership position by appreciative acceptance in the field of medical devices. Working in the area of Research & Development of Orthopaedic implants, has transformed into a top notch production facility which offers a bright future for the industry by assuring the ushering in of newer concepts, inventions.

Osseous Surgicals® offers a wide spectrum of Implants i.e. (Bone Plates, Bone Screws, Locking Plates, Intramedullary Nailing system, Spinal Implants & Instruments, External Fixators System, Rail Fixators, Maxillofacial, Pelvic Implants) in Stainless Steel & Titanium.

We have been awarded with FDA (CDSCO), ISO 9001:2015, ISO 13485:2016, GMP Certificate & CE Certificate.

OUR MISSION

To provide world class medical products, which are of high quality, Affordably price, that contributes to the wellness of the patients and positively impact both our clients and organizations growth.

OUR VISION

- Our vision guides every aspect of our business conduct and serves as a framework of our roadmap to growth and expansion.
- **People** : Be a great place to work and attract the best talent in the industry
- **Products** : World-class quality, extensive portfolio, novel technologies and new launches define our offerings.
- **Partners** : Nurture and grow a wide network of distribution channel partners, Orthopedic, medical, and Para - Medical professionals and quality suppliers to offer an enduring value to all stakeholders.
- **Productivity** : Be highly effective, learn and fast-moving organization. Must leverage the collective strength of all stakeholders.
- **Profits** : Create long-term value for all stakeholders while being mindful of our overall responsibilities

We Believe In



Save Trees



Save Water



Make in INDIA



OUR VALUES

Adaptable to Change :-

We Welcome for the better, Our approach is always positive with 'can - do' spirit.

People - Driven :-

We Build the Capabilities of Our People. This is Fundamental to Our Growth in Business.

Committed to Deliver :-

We Give Our the Best in all the we Undertake and are Committed to Delivering On Time.

QUALITY POLICY

The Quality policy applies to all levels in the organization. All deliveries will meet or preferably exceed our customer's expectations – through the entire business process, from orders to final deliveries and use of our products, systems and services.

To ensure that we meet our responsibilities and obligations to our customers, our people, our partners, our suppliers and to our shareholders we are committed to the following Quality Objectives:

- Deliver on - time and on - quality products, systems and services that meet or exceed our customer's expectations.
 - Identify and understand our customer's expectations, measure customer perceptions, and implement improvements to increase customer satisfaction.
 - Enable and engage our people at all levels in a relentless drive to improve operational performance along the value chain from suppliers to customers.
 - Increase the motivation and skills of our people to add value to our customers and our businesses, through continual training and development.
 - Leverage our partners and suppliers strengths to improve our products and our businesses from product design through Production, installation and operation.
 - Embed social responsibility and company ethics policies in our business practices.
- Continually improve environmental, health and safety performance through all products, operations, systems and services.

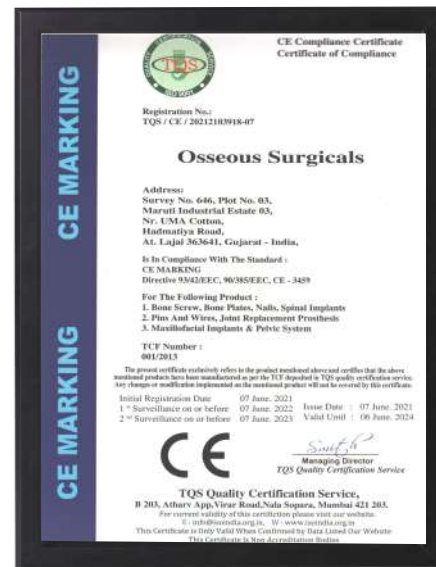
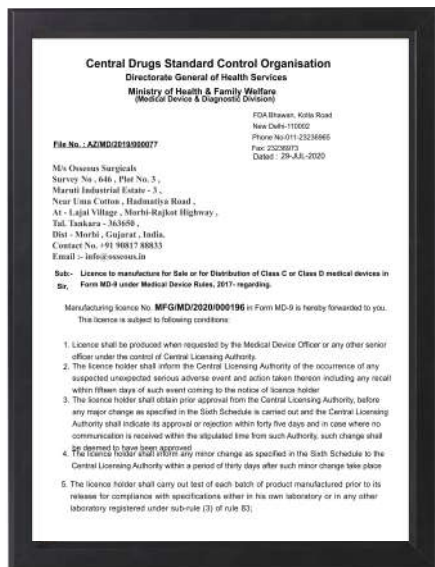
MANUFACTURING FACILITIES

Our manufacturing facilities are spread over 20,000 sqft. at Morbi, Gujarat (India). Our Manufacturing facilities meet the stringent quality control criteria and constantly upgrade their infrastructure, systems and processes to keep pace with the latest regulatory norms.

The manufacturing facilities and products have FDA,GMP, CE, ISO 13485:2016 & ISO 9001:2015 standards and all other Manufacturing and regulatory approvals from the concerned authorities.

We are committed to remain at the forefront of cutting edge in Orthopedics technology and our products are manufactured with avant- grade precision equipment. Our plant are equipped with fully automatic CNC Turning Machines, Sliding Head Machine, Vertical Machining Centers, Automatic polishing machines, CNC thread milling machines, Ultrasonic cleaning machines etc. which ensure the quality and reliability of products, through one- step manufacturing Process (from raw materials to finished products). The raw materials used in these finished products are procured from, approved vendors, which are finalized after stringent vendor qualification audits.





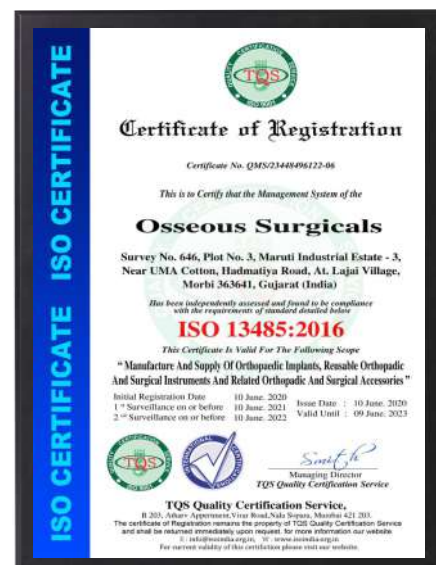
FDA



CE



GMP



ISO 9001:2015

ISO 13485:2016

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**2.4 MM / 2.7 MM LCP VA - TWO COLUMN
VOLAR DISTAL RADIUS PLATE**



HOLE :- 2, 3, 4, 5
SIDE :- LEFT / RIGHT

**2.7 MM LCP L DISTAL
RADIUS PLATE OBLIQUE - DORSAL**



HOLE :- 3HH - 3SH, 3HH - 4SH
SIDE :- LEFT / RIGHT

**2.7 MM LCP EXTRA ARTICULAR
DISTAL RADIUS PLATE - VOLAR**



HOLE :- 4HH - 3SH, 4HH - 5SH
SIDE :- LEFT / RIGHT

**2.7 MM LCP STRAIGHT DISTAL
RADIUS PLATE - DORSAL**



HOLE :- 5, 6

**2.7 MM LCP T DISTAL RADIUS
PLATE - DORSAL**



HOLE :- 3HH - 3SH, 3HH - 4SH

**2.7 MM LCP EXTRA ARTICULAR
DISTAL RADIUS PLATE - VOLAR**



HOLE :- 5HH - 3SH, 5HH - 5SH
SIDE :- LEFT / RIGHT

**2.7 MM LCP L DISTAL
RADIUS PLATE - DORSAL**



HOLE :- 2HH - 3SH, 2HH - 4SH
SIDE :- LEFT / RIGHT

**2.7 MM LCP DISTAL
RADIUS PLATE - VOLAR**



HOLE :- 5HH - 3SH, 5HH - 5SH
SIDE :- LEFT / RIGHT

**2.7 MM LCP EXTRA LONG
DISTAL RADIUS PLATE - VOLAR**



HOLE :- 4HH - 8SH, 10SH, 12SH

**2.7 MM LCP L DISTAL
RADIUS PLATE - DORSAL**



HOLE :- 3HH - 3SH, 3HH - 4SH
SIDE :- LEFT / RIGHT

**2.7 MM LCP BUTTRESS
PLATE - VOLAR**



HOLE :- 5HH - 3SH
SIDE :- LEFT / RIGHT

HH = HEAD HOLE
SH = SHAFT HOLE

2.7 MM LCP RADIAL HEAD RIM PLATE



HOLE :- 2, 3, 4, 5
SIDE :- LEFT / RIGHT

2.7 MM LCP RADIAL HEAD NECK PLATE



HOLE :- 2, 3, 4, 5

2.7 MM LCP MINI PLATE



HOLE :- 4,5,6,7,8,9,10

Ø2.4 MM LOCKING SCREW



LENGTH :- 8 TO 40 MM (2 MM INCREMENT)

Ø2.7 MM LOCKING SCREW



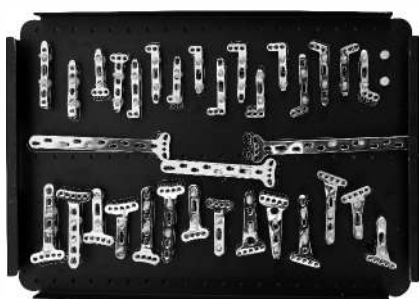
LENGTH :- 12 TO 50 MM (2 MM INCREMENT)

Ø2.7 MM CORTICAL SCREW



LENGTH :- 12 TO 50 MM (2 MM INCREMENT)

■ DISTAL RADIUS INSTRUMENT SET



- Ø 1.8 MM DRILL BIT WITH QUICK COUPLING X 5"
- Ø 2.0 MM DRILL BIT WITH QUICK COUPLING X 5"
- Ø 1.8/2.4 MM LCP DRILL SLEEVE
- Ø 2.0/2.7 MM LCP DRILL SLEEVE
- Ø 2.7 MM BONE TAP WITH QUICK COUPLING FOR CORTICAL SCREW
- T - HANDLE
- 2.7 MM DEPTH GAUGE
- 2.7 MM SCREW DRIVER
- 2.7 MM TORQUE LIMITING SCREW DRIVER

**3.5 MM LCP SUPERIOR ANTERIOR CLAVICLE
PLATE WITHOUT LATERAL EXTENSION**



HOLE :- 5,6,7,8,9,10
SIDE :- LEFT / RIGHT

3.5 MM LCP PHILOS PLATE



HOLE :- 3,4,5,6,7,8,9,10,11,12

**2.7 MM / 3.5 MM LCP MEDIAL DISTAL
HUMERUS PLATE**



HOLE :- 3,5,7,9,11,14
SIDE :- LEFT / RIGHT

**2.7 MM / 3.5 MM LCP SUPERIOR ANTERIOR
CLAVICLE PLATE WITH LATERAL EXTENSION**



HOLE :- 3,4,5,6,7,8,9,10
SIDE :- LEFT / RIGHT

3.5 MM LCP SMALL PLATE



HOLE :- 3,4,5,6,7,8,9,10,11,12,14

**2.7 MM / 3.5 MM LCP POSTEROLATERAL DISTAL
HUMERUS PLATE WITH LATERAL SUPPORT**



HOLE :- 3,5,7,9,11,14
SIDE :- LEFT / RIGHT

3.5 MM LCP CLAVICLE HOOK PLATE



LENGTH :- 12,15 & 18MM
HOLE :- 4,5,6,7
SIDE :- LEFT / RIGHT

3.5 MM LCP RECONSTRUCTION PLATE



HOLE :- 3,4,5,6,7,8,9,10,
11,12,13,14

**2.7 MM / 3.5 MM LCP POSTEROLATERAL DISTAL
HUMERUS PLATE WITHOUT LATERAL SUPPORT**



HOLE :- 3,5,7,9,11,14
SIDE :- LEFT / RIGHT

**3.5 MM LCP PERIARTICULAR
PROXIMAL HUMERUS PLATE**



HOLE :- 2,4,6,8,10,12,14
SIDE :- LEFT / RIGHT

3.5 MM LCP METAPHYSEAL PLATE



HOLE :- 6,7,8,9,10,11,12,14

**3.5 MM LCP EXTRA ARTICULAR
DISTAL HUMERUS PLATE**



HOLE :- 4,6,8,10,12,14
SIDE :- LEFT / RIGHT

3.5 MM LCP OLECRANON PLATE



HOLE :- 4,6,8,10,12
SIDE :- LEFT / RIGHT

**3.5 MM LCP PROXIMAL
TIBIA PLATE (RAFT)**



HOLE :- 4,6,8,10,12,14
SIDE :- LEFT / RIGHT

**3.5 MM LCP LOW BEND DISTAL
MEDIAL TIBIA PLATE**



HOLE :- 4,6,8,10,12,14
SIDE :- LEFT / RIGHT

3.5 MM LCP T - PLATE (RIGHT ANGLE)



HOLE :- 3,4,5,6,7,8,9,10,12,14

**3.5 MM LCP PROXIMAL
TIBIA PLATE (L - TYPE)**



HOLE :- 4,6,8,10,12,14
SIDE :- LEFT / RIGHT

**3.5 MM LCP DISTAL MEDIAL TIBIA
WITH TAB PLATE**



HOLE :- 4,6,8,10,12,14
SIDE :- LEFT / RIGHT

3.5 MM LCP T - PLATE OBLIQUE ANGLE



HOLE :- 3,4,5,6,7,8,9,10,12,14
SIDE :- LEFT / RIGHT

**3.5 MM LCP MEDIAL PROXIMAL
TIBIA PLATE (T - TYPE)**



HOLE :- 4,6,8,10,12,14
SIDE :- LEFT / RIGHT

**3.5 MM LCP ANTEROLATERAL
DISTAL TIBIA PLATE**



HOLE :- 5,7,9,11,13,15
SIDE :- LEFT / RIGHT

**2.7 MM / 3.5 MM LCP KOPIS
DISTAL RADIUS PLATE**



HOLE :- 3,4,5,6,7,8,9,10
SIDE :- LEFT / RIGHT

**3.5 MM LCP POSTEROMEDIAL
PROXIMAL TIBIA PLATE**



HOLE :- 1,2,4,6,8,10

3.5 MM LCP CLOVERLEAF PLATE



HOLE :- 3,4,5,6,7,8,9,10

**3.5 MM LCP ONE THIRD
TUBULAR PLATE**



HOLE :- 3,4,5,6,7,8,9,10,11,12

**2.7 MM / 3.5 MM LCP LATERAL DISTAL
FIBULA PLATE**



**HOLE :- 3,4,5,6,7,8,9,10,11,12,
SIDE :- LEFT / RIGHT**

**3.5 MM LCP LATERAL DISTAL
FIBULA PLATE**



HOLE :- 3,4,5,6,7,8,9,10,11,12

3.5 MM LCP CALCANEAL PLATE



SIZE :- 64,69,76,81 MM

Ø 2.7 MM LOCKING SCREW



LENGTH :- 12 TO 50 MM (2 MM INCREMENT)

Ø 3.5 MM LOCKING SCREW



**LENGTH :- 12 TO 60 MM (2 MM INCREMENT)
LENGTH :- 65 TO 80 MM (5 MM INCREMENT)**

Ø 3.5 MM CANCELLOUS LOCKING SCREW



**LENGTH :- 12 TO 30 MM (2 MM INCREMENT)
LENGTH :- 35 TO 80 MM (5 MM INCREMENT)**

Ø 3.5 MM CORTICAL SCREW



**LENGTH :- 12 TO 60 MM (2 MM INCREMENT)
LENGTH :- 65 TO 80 MM (5 MM INCREMENT)**

**Ø 4.0 MM CANCELLOUS SCREW -
PARTIALLY THREADED / FULLY THREADED**



**LENGTH :- 12 TO 30 MM (2 MM INCREMENT)
LENGTH :- 35 TO 80 MM (5 MM INCREMENT)**

■ 3.5 MM SMALL FRAGMENT INSTRUMENT SET



- Ø 2.0 MM DRILL BIT WITH QUICK COUPLING X 5"
- Ø 2.3 MM DRILL BIT WITH QUICK COUPLING X 5"
- Ø 2.5 MM DRILL BIT WITH QUICK COUPLING X 5"
- Ø 2.8 MM DRILL BIT WITH QUICK COUPLING X 8"
- Ø 2.5/2.8 MM STEP DRILL BIT WITH QUICK COUPLING X 8"
- Ø 2.0/2.7 MM LCP DRILL SLEEVE
- Ø 2.8/3.5 MM LCP DRILL SLEEVE
- Ø 3.5 MM BONE TAP WITH QUICK COUPLING FOR CORTICAL SCREW
- Ø 4.0 MM BONE TAP WITH QUICK COUPLING FOR CANCELLOUS SCREW
- T - HANDLE
- 2.7 MM DEPTH GAUGE
- 3.5 MM DEPTH GAUGE
- 2.7 MM SCREW DRIVER
- 3.5 MM SCREW DRIVER
- 2.7 MM TORQUE LIMITING SCREW DRIVER
- 3.5 MM TORQUE LIMITING SCREW DRIVER
- Ø 2.5 /3.5 MM DRILL & TAP SLEEVE COMBINED
- Ø 2.3 /4.0 MM DRILL & TAP SLEEVE COMBINED

**5.0 MM / 6.5 MM LCP
PROXIMAL FEMUR PLATE**



HOLE :- 4,6,8,10,12,14,16
SIDE :- LEFT / RIGHT

**5.0 MM LCP OSTEOTOMY
MEDIAL HIGH TIBIA PLATE
(TOMOFIX / HTO)**



HOLE :- 5

5.0 MM LCP NARROW PLATE



**HOLE :- 4,5,6,7,8,9,10,
11,12,14,16,**

5.0 MM / 6.5 MM LCP DISTAL FEMUR PLATE



HOLE :- 5,7,9,11,13,15
SIDE :- LEFT / RIGHT

5.0 MM LCP L - BUTTRESS PLATE



HOLE :- 3,4,5,6,7,8,9,10,12,14,
SIDE :- LEFT / RIGHT

5.0 MM LCP BROAD PLATE



**HOLE :- 6,7,8,9,10,11,
12,13,14,16**

5.0 MM LCP MEDIAL DISTAL FEMUR PLATE



HOLE :- 5,7,9,11,13
SIDE :- LEFT / RIGHT

5.0 MM LCP T - BUTTRESS PLATE



**HOLE :- 3, 4, 5, 6, 7, 8, 9, 10,
12, 14**

5.0 MM LCP RECONSTRUCTION PLATE



**HOLE :- 4,5,6,7,8,9,10,
11,12,14,16,**

**5.0 MM / 6.5 MM LCP
PROXIMAL LATERAL TIBIA PLATE (HOCKEY)**



HOLE :- 5,6,7,9,11,13,15
SIDE :- LEFT / RIGHT

5.0 MM LCP T - PLATE



**HOLE :- 3, 4, 5, 6, 7, 8, 9, 10,
12, 14**

3.5 MM / 5.0 MM LCP METAPHYSEAL PLATE



HEAD HOLE :- 5 X 3.5 MM
**HOLE :- 3, 4, 5, 6, 7, 8, 9, 10,
12, 14**

Ø 5.0 MM LOCKING SCREW



LENGTH :- 14 TO 60 MM (2 MM INCREMENT)
LENGTH :- 65 TO 100 MM (5 MM INCREMENT)

Ø 5.0 MM CANCELLOUS LOCKING SCREW



LENGTH :- 25 TO 100 MM (5 MM INCREMENT)

Ø 6.5 MM CANCELLOUS LOCKING SCREW



LENGTH :- 25 TO 100 MM (5 MM INCREMENT)

Ø 4.5 MM CORTICAL SCREW



LENGTH :- 12 TO 60 MM (2 MM INCREMENT)
LENGTH :- 65 TO 80 MM (5 MM INCREMENT)

Ø 4.5 MM MALLEOLAR SCREW



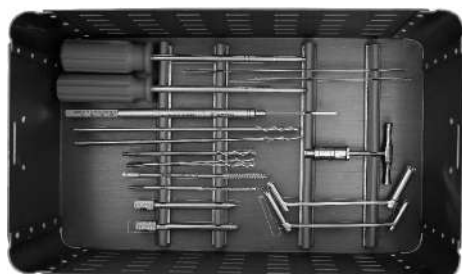
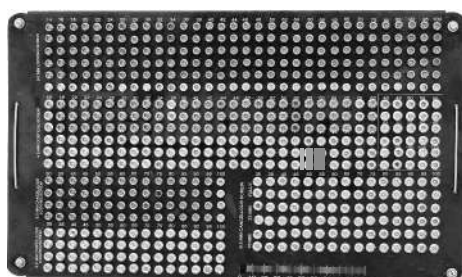
LENGTH :- 25 TO 100 MM (5 MM INCREMENT)

Ø 6.5 MM CANCELLOUS SCREW
(16 MM / 32 MM / FULLY THREADED)



LENGTH :- 25 TO 100 MM (5 MM INCREMENT)

4.5 / 5.0 MM LARGE FRAGMENT INSTRUMENT SET



- Ø 3.2 MM DRILL BIT WITH QUICK COUPLING X 5"
- Ø 4.3 MM DRILL BIT WITH QUICK COUPLING X 9"
- Ø 4.5 MM DRILL BIT WITH QUICK COUPLING X 5"
- Ø 3.5/4.3 MM STEP DRILL BIT WITH QUICK COUPLING X 9"
- Ø 4.3/5.0 MM LCP DRILL SLEEVE
- Ø 3.5/6.5 MM LCP DRILL SLEEVE
- Ø 4.5 MM BONE TAP WITH QUICK COUPLING FOR CORTICAL SCREW
- Ø 6.5 MM BONE TAP WITH QUICK COUPLING FOR CANCELLOUS SCREW
- T - HANDLE
- 4.5/6.5 MM DEPTH GAUGE
- 4.5 MM SCREW DRIVER
- 4.5 MM TORQUE LIMITING SCREW DRIVER
- Ø 3.2/4.5 MM DRILL & TAP SLEEVE COMBINED
- Ø 3.2/6.5 MM DRILL & TAP SLEEVE COMBINED

**DHS LOCKING PLATE
(LONG BARREL)**



ANGLE :- 130°, 135°
HOLE :- 3, 4, 5, 6, 7, 8, 9, 10

**DHS LOCKING PLATE
(SHORT BARREL)**



ANGLE :- 130°, 135°
HOLE :- 3, 4, 5, 6, 7, 8, 9, 10

**DHS LONG BARREL PLATE
(DYNAMIC HOLE)**



ANGLE :- 125°, 130°, 135°, 140°
HOLE :- 3, 4, 5, 6, 7, 8, 9, 10

**DHS SHORT BARREL PLATE
(DYNAMIC HOLE)**



ANGLE :- 125°, 130°, 135°, 140°
HOLE :- 3, 4, 5, 6, 7, 8, 9, 10

DCS PLATE (DYNAMIC HOLE)



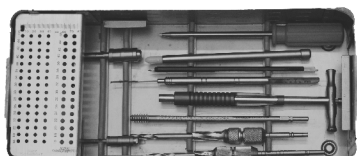
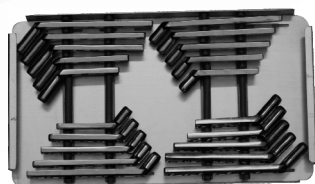
ANGLE :- 95°
HOLE :- 4, 5, 6, 7, 8, 9, 10

Ø12.5 MM DHS SCREW



LENGTH :- 50 TO 120 MM (5 MM INCREMENT)

■ DHS INSTRUMENT SET



- D.H.S. TRIPLE REAMER WITH QUICK COUPLING
- D.C.S. TRIPLE REAMER WITH QUICK COUPLING
- D.H.S / DCS T - HANDLE
- D.H.S / D.C.S T - WRENCH
- D.H.S / D.C.S CENTERING SLEEVE LONG FOR T-WRENCH
- DHS / DCS COUPLING SCREW LONG FOR DHS SCREW REMOVAL
- Ø 12.5 MM DHS SCREW TAP
- D.H.S / D.C.S CENTERING SLEEVE SHORT FOR DHS SCREW TAP
- DHS / DCS COUPLING SCREW SHORT FOR INSERTING DHS SCREW
- DHS / DCS GUIDE SHAFT FOR COUPLING SCREW SHORT
- D.H.S IMPACTOR
- DHS / DCS DIRECT MEASURING DEVICE
- 135° D.H.S ANGLE GUIDE
- 95° D.C.S. ANGLE GUIDE
- VARIABLE ANGLE GUIDE
- Ø 3.2 MM DRILL BIT WITH QUICK COUPLING X 8"
- Ø 4.5 MM DRILL BIT WITH QUICK COUPLING X 8"
- Ø 4.5 MM CORTICAL BONE TAP WITH QUICK COUPLING
- Ø 6.5 MM CANCELLOUS BONE TAP WITH QUICK COUPLING
- 4.5 MM DEPTH GAUGE
- 4.5 MM SCREW DRIVER
- T - HANDLE

2.7 MM DCP MINI PLATE



HOLE :- 4,5,6,7,8,9,10

3.5 MM DCP SMALL PLATE



HOLE :- 4,5,6,7,8,9,10,12,14

4.5 MM DCP NARROW PLATE



HOLE :- 4,5,6,7,8,9,10,12,14,16

4.5 MM DCP BROAD PLATE



HOLE :- 6,7,8,9,10,12,14,16

3.5 MM DCP ONE THIRD TUBULAR PLATE



HOLE :- 3,4,5,6,7,8,9,10,12

4.5 MM DCP SEMI TUBULAR PLATE



HOLE :- 3,4,5,6,7,8,9,10,12

3.5 MM DCP RECONSTRUCTION PLATE



HOLE :- 4,5,6,7,8,9,10,11,12,14

4.5 MM DCP RECONSTRUCTION PLATE



HOLE :- 4,5,6,7,8,9,10,11,12,14

**3.5 MM DCP SMALL T - PLATE
(RIGHT ANGLE)**



HOLE :- 3,4,5,6,7,8,9,10

**3.5 MM DCP SMALL T PLATE
(OBLIQUE ANGLE)**



HOLE :- 3,4,5,6,7,8,9,10

4.5 MM DCP L - BUTTRESS PLATE



HOLE :- 3,4,5,6,7,8,9,10,11,12

4.5 MM DCP T - BUTTRESS PLATE



HOLE :- 3,4,5,6,7,8,9,10,11,12

Ø 4.0 MM CANCELLOUS SCREW
PARTIALLY THREADED / FULLY THREADED



LENGTH :- 14 TO 30 MM (2 MM INCREMENT)
LENGTH :- 35 TO 80 MM (5 MM INCREMENT)

Ø 6.5 MM CANCELLOUS SCREW
16 MM THREADED / FULLY THREADED



LENGTH :- 25 TO 100 MM (5 MM INCREMENT)

Ø 6.5 MM CANCELLOUS SCREW
32 MM THREADED



LENGTH :- 40 TO 100 MM (5 MM INCREMENT)

Ø 4.0 MM CANNULATED CANCELLOUS SCREW
PARTIALLY THREADED / FULLY THREADED



LENGTH :- 14 TO 30 MM (2 MM INCREMENT)
LENGTH :- 35 TO 80 MM (5 MM INCREMENT)

Ø 6.5 MM CANNULATED CANCELLOUS SCREW
16 MM THREADED / FULLY THREADED



LENGTH :- 25 TO 100 MM (5 MM INCREMENT)

6.5 MM CANNULATED CANCELLOUS SCREW
32 MM THREADED



LENGTH :- 40 TO 100 MM (5 MM INCREMENT)

2.5 X 3.5 MM HERBERT SCREW



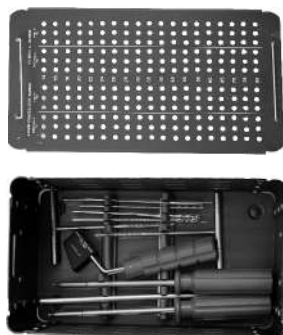
LENGTH :- 14 TO 40 MM (2 MM INCREMENT)

3.5 X 4.5 MM HERBERT SCREW



LENGTH :- 14 TO 40 MM (2 MM INCREMENT)

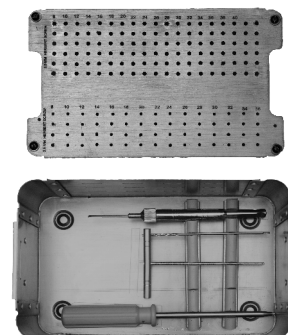
■ 4.0 MM C.C. SCREW SET



■ 6.5 MM C.C. SCREW SET



■ HERBERT SCREW SET



TIBIA INTERLOCKING NAIL

SS 316L / TITANIUM



Ø DIA (MM) | LENGTH (MM)
8, 9, 10, 11 | 280 TO 380

Ø 3.9 MM INTERLOCKING BOLT



LENGTH :- 24 TO 60 MM (2 MM INCREMENT)

Ø 4.9 MM INTERLOCKING BOLT



LENGTH :- 24 TO 60 MM (2 MM INCREMENT)

LENGTH :- 65 TO 80 MM (5 MM INCREMENT)

TIBIA NAIL INSTRUMENT SET



- PROXIMAL JIG FOR TIBIA
- TIBIA CONICAL BOLT
- 10 MM PROTECTION SLEEVE
- 4.0 MM DRILL SLEEVE
- 3.2 MM DRILL SLEEVE
- S.S. DRILL BIT 4.0MM X 300MM
- S.S. DRILL BIT 3.2MM X 300MM
- POINTER SLEEVE
- CURVED BONE AWL
- 4.5 MM HEXAGONAL SCREW DRIVER EXTRA LONG
- 10 MM SOCKET WRENCH
- SUPINE DRIVER
- DEPTH GAUGE
- EXTRACTOR ROD
- HANDLE FOR EXTRACTOR
- ROUND HAMMER
- TOMY BAR
- HAMMERING ATTACHMENT WITH CAP
- TISSUE PROTECTOR
- 2.0 MM GUIDE WIRE - 1 METER
- 2.5 MM GUIDE WIRE - 1 METER
- 2.5 MM GUIDE WIRE WITH BALL TIP - 1 METER

EXPERT TIBIA NAIL

SS 316L / TITANIUM



Ø DIA (MM) | LENGTH (MM)
8, 9, 10, 11, | 280 TO 380

Ø 3.9 MM INTERLOCKING BOLT



LENGTH :- 24 TO 60 MM (2 MM INCREMENT)

Ø 4.9 MM INTERLOCKING BOLT



LENGTH :- 24 TO 60 MM (2 MM INCREMENT)

LENGTH :- 65 TO 80 MM (5 MM INCREMENT)

EXPERT TIBIA NAIL INSTRUMENT SET



- EXPERT TIBIA PROXIMAL JIG
- EXPERT TIBIA CONICAL BOLT
- 10 MM PROTECTION GUIDE SLEEVE
- 4.0 MM DRILL SLEEVE
- AWL FOR PROXIMAL BOLT
- CURVED BONE AWL
- S.S. DRILL BIT - 3.2MM X 300MM
- S.S. DRILL BIT - 4.0MM X 300MM
- 4.5 MM HEXAGONAL SCREW DRIVER EXTRA LONG
- 10 MM SOCKET WRENCH
- SUPINE DRIVER
- DEPTH GAUGE
- EXTRACTOR ROD
- HANDLE FOR EXTRACTOR
- ROUND HAMMER
- TOMY BAR
- TISSUE PROTECTOR
- 2.0 MM GUIDE WIRE - 1 METER
- 2.5 MM GUIDE WIRE - 1 METER
- 2.5 MM GUIDE WIRE WITH BALL TIP - 1 METER

FEMUR INTERLOCKING NAIL

SS 316L / TITANIUM



Ø DIA (MM) | LENGTH (MM)
8, 9, 10, 11, 12 | 340 TO 440

Ø 3.9 MM INTERLOCKING BOLT



LENGTH :- 24 TO 60 MM (2 MM INCREMENT)

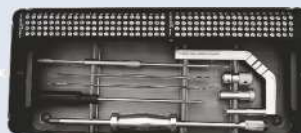
Ø 4.9 MM INTERLOCKING BOLT



LENGTH :- 24 TO 60 MM (2 MM INCREMENT)

LENGTH :- 65 TO 80 MM (5 MM INCREMENT)

■ FEMUR NAIL INSTRUMENT SET



- PROXIMAL JIG FOR FEMUR
- FEMUR CONICAL BOLT
- 10 MM PROTECTION SLEEVE
- 4.0 MM DRILL SLEEVE
- 3.2 MM DRILL SLEEVE
- S.S. DRILL BIT 4.0MM X 300MM
- S.S. DRILL BIT 3.2MM X 300MM
- POINTER SLEEVE
- CURVED BONE AWL
- 4.5 MM HEXAGONAL SCREW DRIVER EXTRA LONG
- 10 MM SOCKET WRENCH
- SUPINE DRIVER
- DEPTH GAUGE
- EXTRACTOR ROD
- HANDLE FOR EXTRACTOR
- ROUND HAMMER
- TOMY BAR
- HAMMERING ATTACHMENT WITH CAP
- TISSUE PROTECTOR
- 2.0 MM GUIDE WIRE - 1 METER
- 2.5 MM GUIDE WIRE - 1 METER
- 2.5 MM GUIDE WIRE WITH BALL TIP - 1 METER

EXPERT FEMUR NAIL

SS 316L / TITANIUM



Ø DIA (MM)	LENGTH (MM)	SIDE
9, 10, 11, 12	340 TO 440	LEFT / RIGHT

Ø 6.4 MM LOCKING BOLT (CANNULATED)



LENGTH :- 50 TO 120 MM (5 MM INCREMENT)

Ø 4.9 MM INTERLOCKING BOLT



LENGTH :- 24 TO 60 MM (2 MM INCREMENT)

LENGTH :- 65 TO 80 MM (5 MM INCREMENT)

■ EXPERT FEMUR NAIL INSTRUMENT SET



- EXPERT FEMUR PROXIMAL JIG
- EXPERT FEMUR CONICAL BOLT
- 10 MM PROTECTION SLEEVE
- 4.0 MM DRILL SLEEVE
- 2.0 MM GUIDE WIRE SLEEVE FOR 6.4MM LOCKING BOLT
- AWL FOR PROXIMAL BOLT
- CURVED BONE AWL
- 6.4 MM CANNULATED REAMER FOR LOCKING. BOLT
- S.S. DRILL BIT - 4.0 MM X 300 MM
- 6.4 MM CANNULATED HEXAGONAL SCREW DRIVER
- " T " HANDLE
- 4.5 MM HEXAGONAL SCREW DRIVER EXTRA LONG
- 10 MM SOCKET WRENCH
- SUPINE DRIVER
- DEPTH GAUGE
- EXTRACTOR ROD
- HANDLE FOR EXTRACTOR
- ROUND HAMMER
- TOMY BAR
- HAMMERING ATTACHMENT WITH CAP
- TISSUE PROTECTOR
- 2.5 MM GUIDE WIRE - 1 METER
- 2.5 MM GUIDE WIRE WITH BALL TIP - 1 METER

130° & 135° SHORT PROXIMAL FEMORAL NAIL

SS 316L / TITANIUM



Ø DIA (MM) | LENGTH (MM)
9, 10, 11, 12 | 250 MM

Ø 4.9 MM INTERLOCKING BOLT



LENGTH :- 24 TO 60 MM (2 MM INCREMENT)
LENGTH :- 65 TO 80 MM (5 MM INCREMENT)

130° & 135° TROCHANTERIC FEMORAL NAIL

SS 316L / TITANIUM



Ø DIA (MM) | LENGTH (MM)
9, 10, 11, 12 | 180 MM

Ø 6.4 MM PFN BOLT (CANNULATED)



LENGTH :- 50 TO 120 MM (5 MM INCREMENT)

Ø 8.0 MM PFN BOLT (CANNULATED)



LENGTH :- 50 TO 120 MM (5 MM INCREMENT)

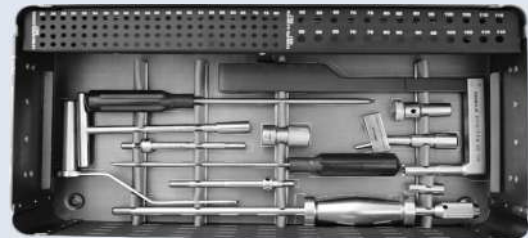
130° & 135° LONG PROXIMAL FEMORAL NAIL

SS 316L / TITANIUM



Ø DIA (MM)	LENGTH (MM)	SIDE
9, 10, 11, 12	340 TO 440	LEFT / RIGHT

■ P.F.N. INSTRUMENT SET



- PFN & TFN COMBO JIG
- PFN CONICAL BOLT
- 12 MM PROTECTION GUIDE SLEEVE
- 5.5 MM DRILL SLEEVE
- 10 MM PROTECTION GUIDE SLEEVE
- 4.0 MM LONG DRILL SLEEVE
- 2.0 MM GUIDE WIRE SLEEVE FOR 6.4MM PFN BOLT
- 2.0 MM GUIDE WIRE SLEEVE FOR 8.0MM PFN BOLT
- 15 MM PFN SOLAPUR SLEEVE
- S.S. DRILL BIT - 5.5MM X 300MM
- S.S. DRILL BIT - 4.0MM X 300MM
- STARTING AWL
- 15MM CENTRING AWL - CANNULATED
- 8.0 MM CANNULATED REAMER FOR PFN. BOLT
- 6.4 MM CANNULATED REAMER FOR PFN. BOLT
- 6.4 MM CANNULATED HEXAGONAL SCREW DRIVER
- " T " HANDLE
- AWL FOR PROXIMAL BOLT
- 4.5 MM HEXAGONAL SCREW DRIVER EXTRA LONG
- 10 MM SOCKET WRENCH
- SUPINE DRIVER
- DEPTH GAUGE
- EXTRACTOR ROD
- HANDLE FOR EXTRACTOR
- ROUND HAMMER
- TOMY BAR
- HAMMERING ATTACHMENT WITH CAP
- TISSUE PROTECTOR
- GUIDE PIN - 2.0MM X 400MM
- 2.5 MM GUIDE WIRE - 1 METER
- 2.5 MM GUIDE WIRE WITH BALL TIP - 1 METER

**PFNA-II.
PROXIMAL FEMORAL NAIL ANTIROTATION.**

SS 316L / TITANIUM

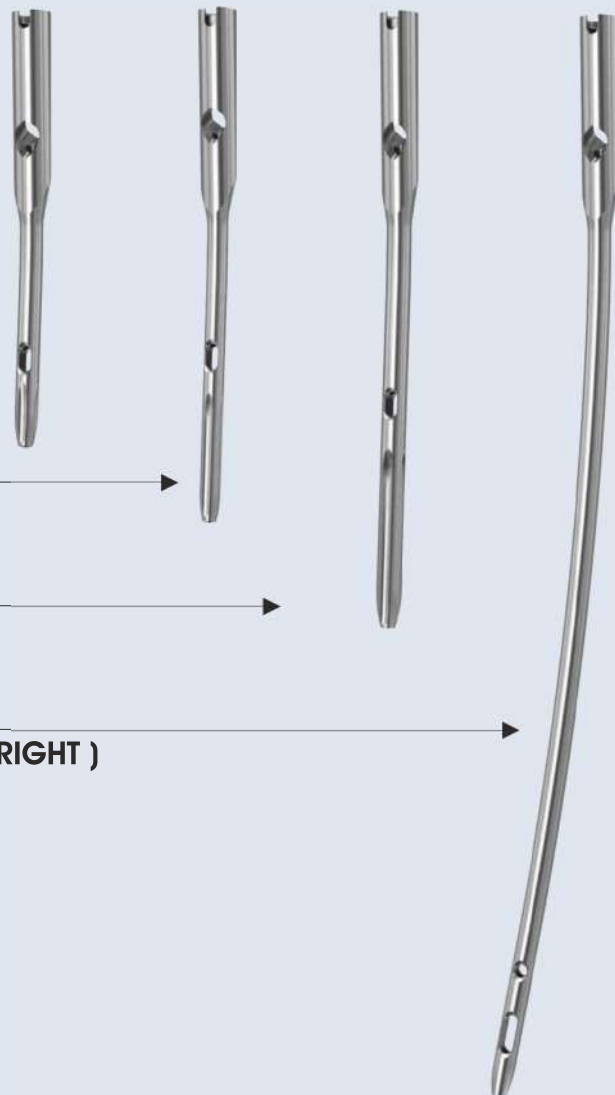
DIA. 9,10,11,12

PFNA-II, LENGTH 170 MM

PFNA-II, LENGTH 200 MM

PFNA-II, LENGTH 240 MM

PFNA-II LONG, LENGTH 340 – 440 MM (LEFT & RIGHT)



PFNA-II
SHORT



OBLIQUE
STATIC

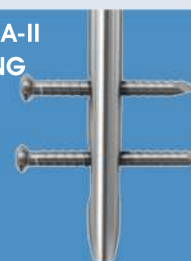


STATIC



DYNAMIC

PFNA-II
LONG



STATIC



DYNAMIC

PFNA-II. PROXIMAL FEMORAL NAIL ANTIROTATION.

SS 316L / TITANIUM

PFNA-II BLADE



LENGTH :- 60 TO 120 MM (5 MM INCREMENT)

PFNA-III SCREW



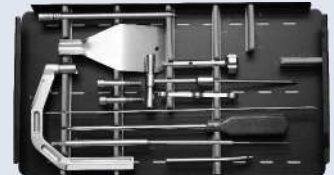
LENGTH :- 60 TO 120 MM (5 MM INCREMENT)

Ø 4.9 MM INTERLOCKING BOLT



LENGTH :- 24 TO 60 MM (2 MM INCREMENT)

LENGTH :- 65 TO 80 MM (5 MM INCREMENT)



■ PFNA-II INSTRUMENT SET

- PFNA INSERTION JIG
- AIMING ARM FOR PFNA BLADE
- AIMING ARM FOR STATIC LOCKING
- AIMING ARM FOR DYNAMIC LOCKING
- PFNA CONICAL BOLT
- PROTECTION SLEEVE 16.0/11.0 MM FOR PFNA BLADE
- BUTTRESS COMPRESSION NUT FOR PFNA BLADE
- DRILL SLEEVE 11.0/3.2 MM
- TROCAR Ø 3.2 MM FOR PFNA BLADE
- PROTECTION SLEEVE 11.0/8.0 MM
- DRILL SLEEVE 8.0/4.0 MM
- TROCAR Ø 4.0 MM
- PROTECTION SLEEVE 20.0/17.0 MM
- GUIDE WIRE SLEEVE - 17.0/3.2 MM
- PFNA PROXIMAL REAMER - 17 MM
- REAMER FOR PFNA BLADE - 11 MM
- DRILL BIT FOR PFNA BLADE - 11 MM
- FAXITION SLEEVE
- T. - HANDLE
- DRILL BIT 4.0 MM
- DEPTH GAUGE
- DIRECT MEASURING DEVICE FOR GUIDE WIRE
- IMPACTOR FOR PFNA BLADE
- EXTRACTION SCREW FOR PFNA BLADE
- HEXAGONAL SCREW DRIVER 3.5MM TIP
- ADJUSTABLE HEXAGONAL SCREW DRIVER 2.5 MM TIP
- HEXAGONAL SCREW DRIVER WITH SPHERICAL HEAD 8.0 MM
- CONNECTOR FOR PFNA
- HAMMER GUIDE
- COMBINED HAMMER
- TOMY BAR
- COMBINATION WRENCH & KEY FOR PFNA2 BLADE
- CONNECTOR FOR INSERTION HANDLE FOR PFNA
- CANNULATED CURVED AWL
- TISSUE PROTETOR
- RADIOGRAPHIC SCALE
- 10.4MM SCREW IMPACTOR OR EXTRACTION DEVICE
- 3.2 MM GUIDE WIRE
- 2.5 MM GUIDE WIRE - 1 METER
- GUIDE WIRE PUSHER

HUMERUS NAIL

SS 316L / TITANIUM



Ø DIA (MM) | LENGTH (MM)
6, 7, 8 | 180 TO 300

Ø 2.9 MM INTERLOCKING BOLT



LENGTH :- 14 TO 50 MM (2 MM INCREMENT)

Ø 3.4 MM INTERLOCKING BOLT



LENGTH :- 14 TO 50 MM (2 MM INCREMENT)

HUMERUS NAIL INSTRUMENT SET



- HUMERUS PROXIMAL JIG
- HUMERUS CONICAL BOLT
- 10 MM PROTECTION GUIDE SLEEVE
- 2.7 MM DRILL SLEEVE -
- TROCAR SLEEVE
- STRAIGHT AWL FOR HUMERUS
- S.S. DRILL BIT - 2.7 MM X 300 MM
- S.S. DRILL BIT - 2.2 MM X 200 MM
- 1.8 MM GUIDE WIRE - 1 METER
- COMPRESSION SLEEVE
- COMPRESSION ATTACHMENT WITH CONICAL BOLT
- 3.5MM HEXAGONAL SCREW DRIVER EXTRA LONG
- 4.5MM HEXAGONAL SCREW DRIVER EXTRA LONG
- 10 MM SOCKET WRENCH
- SUPINE DRIVER
- DEPTH GAUGE
- EXTRACTOR ROD
- HANDLE FOR EXTRACTOR
- ROUND HAMMER
- TOMY BAR
- TISSUE PROTECTOR

SUPRACONDYLAR NAIL

SS 316L / TITANIUM



Ø DIA (MM) | LENGTH (MM)
9, 10, 11, 12 | 150 TO 350

Ø6.5 MM CANCELLOUS SCREW - FULL THREADED



LENGTH :- 30 TO 100 MM (5 MM INCREMENT)

Ø 4.9 MM INTERLOCKING BOLT



LENGTH :- 24 TO 60 MM (2 MM INCREMENT)

LENGTH :- 65 TO 80 MM (5 MM INCREMENT)

I.M.S.C. NAIL INSTRUMENT SET



- S.C. DRILL GUIDE
- S.C. GUIDE BAR - UP TO 350MM
- S.C. GUIDE BOLT
- S.C. ATTACHMENT BOLT
- 10 MM PROTECTION GUIDE SLEEVE
- 3.2 MM DRILL SLEEVE
- 4.0 MM DRILL SLEEVE
- TROCAR SLEEVE
- CANNULATED CUTTER
- DIRECT MEASURING DEVICE
- S.S. DRILL BIT - 4 MM X 300MM
- 2.5 MM GUIDE WIRE - 250MM
- 2.5 MM GUIDE WIRE - 1 METER
- 2.5 MM GUIDE WIRE WITH BALL TIP - 1 METER
- 4.5MM HEXAGONAL SCREW DRIVER EXTRA LONG
- 10 MM SOCKET WRENCH
- SUPINE DRIVER
- DEPTH GAUGE
- EXTRACTOR ROD
- HANDLE FOR EXTRACTOR
- ROUND HAMMER
- TOMY BAR
- TISSUE PROTECTOR

TITANIUM ELASTIC NAIL



Ø DIA :- 1.5, 1.8, 2.0, 2.5, 3.0, 3.5, 4.0
LENGTH :- 440 MM

LOCKING ELASTIC NAIL



Ø DIA :- 2.0, 2.5, 3.0, 3.5
LENGTH :- 140 MM TO 300 MM

SQUARE NAIL FOR RADIUS



Ø DIA :- 2.0, 2.5, 3.0, 3.5, 4.0
LENGTH :- 180 MM TO 300 MM

SQUARE NAIL FOR ULNA



Ø DIA :- 2.0, 2.5, 3.0, 3.5, 4.0
LENGTH :- 180 MM TO 300 MM

ENDER'S NAIL



Ø DIA :- 2.0, 2.5, 3.0, 3.5, 4.0
LENGTH :- 180 MM TO 300 MM

RUSH NAIL



Ø DIA :- 2.0, 2.5, 3.0, 3.5, 4.0
LENGTH :- 180 MM TO 300 MM

GUIDE WIRE



Ø DIA :- 1.2, 1.5, 1.8, 2.0, 2.5, 3.0
LENGTH :- 6", 9", 12", 16"

GUIDE WIRE WITH BALL TIP



Ø DIA :- 2.5
LENGTH :- 1 METER

K. WIRE



Ø DIA :- 1.2, 1.5, 1.8, 2.0, 2.5, 3.0
LENGTH :- 6" & 9"

SCHANZ PIN



STEINMANN PIN



S.S. WIRE



3.5MM PELVIC J PLATE



HOLE :- 10, 11, 12, 13, 14, 15, 16
SIDE :- LEFT / RIGHT

**3.5 MM PELVIC RECON PLATE
88° CURVED**



HOLE :- 6,7,8,9,10,11,12,14,16

**3.5 MM PELVIC RECON PLATE
108° CURVED**



HOLE :- 6,7,8,9,10,11,12,14,16

3.5 MM PELVIC STRAIGHT RECON PLATE



HOLE :- 4,5,6,7,8,9,10,11,12,14

**3.5 MM SYMPHYSEAL PLATE
DC HOLE**



HOLE :- 4, 6

3.5 MM SPRING PLATE



HOLE :- 1,2,3

Ø 3.5 MM CORTICAL SCREW



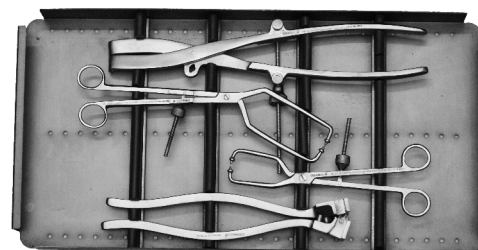
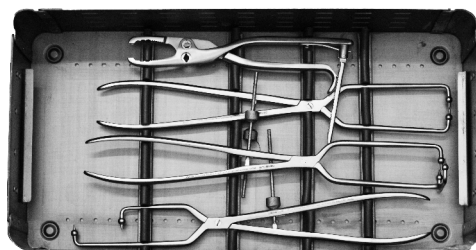
LENGTH :- 12 TO 60 MM (2 MM INCREMENT)
LENGTH :- 65 TO 80 MM (5 MM INCREMENT)

**Ø 4.0 MM CANCELLOUS SCREW -
FULLY THREADED**



LENGTH :- 12 TO 30 MM (2 MM INCREMENT)
LENGTH :- 35 TO 80 MM (5 MM INCREMENT)

■ PELVIC INSTRUMENT SET



1.5 / 2.0 / 2.5 MM SYSTEM

Z - RECON PLATE



HOLE :- 4

DELTA RECON PLATE



HOLE :- 4

DOUBLE Y - RECON PLATE



HOLE :- 3HH - 3SH

H - RECON PLATE



HOLE :- 8

I - RECON PLATE



HOLE :- 6

L - RECON PLATE - 2 HEAD HOLE



**HOLE :- 2HH - 2SH, 2HH - 3SH
SIDE :- LEFT / RIGHT**

L - RECON PLATE - 3 HEAD HOLE



**HOLE :- 3HH - 2SH, 3HH - 3SH
SIDE :- LEFT / RIGHT**

**L - RECON OBLIQUE ANGLE
2 HEAD HOLE**



**HOLE :- 2HH - 2SH
SIDE :- LEFT / RIGHT**

**L - RECON OBLIQUE ANGLE
3 HEAD HOLE**



**HOLE :- 3HH - 2SH, 3HH - 3SH
SIDE :- LEFT / RIGHT**

ORBITAL PLATE WITH GAP



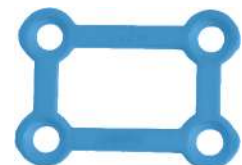
HOLE :- 4 TO 8

ORBITAL PLATE WITHOUT GAP



HOLE :- 4 TO 10

RECTANGULAR PLATE



**HOLE :- 2HH - 2SH, 3HH - 2SH,
4HH - 2SH**

SQUARE PLATE



HOLE :- 2HH - 2SH, 3HH - 2SH,
4HH - 2SH

STRAIGHT RECON PLATE



HOLE :- 2H TO 6H

**STRAIGHT RECON PLATE
WITHOUT GAP**



HOLE :- 2H TO 20H

T- PLATE 2 HOLE



HOLE :- 2HH - 2SH, 2HH - 3SH

T - PLATE OBLIQUE ANGLE



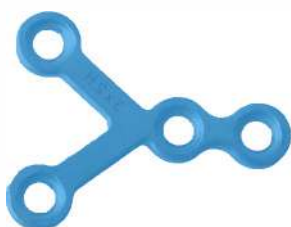
Hole :- 2H

X - RECON PLATE



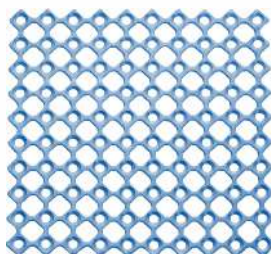
HOLE :- 2HH - 2SH

Y - RECON PLATE



HOLE :- 2HH - 2SH, 2HH - 3SH

WIRE MESH



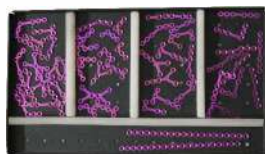
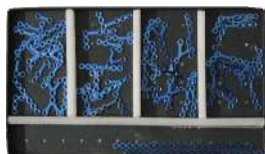
HOLE :- 5 MM TO 16 MM

MAXILLOFACIAL SCREW



HOLE :- 5 MM TO 16MM

MAXILLOFACIAL IMPLANTS SET



MAXILLOFACIAL INSTRUMENT SET



SINGLE PIN CLAMP



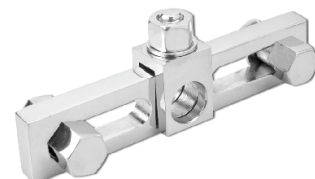
OPEN CLAMP



DOUBLE PIN CLAMP



TRANSVERSE CLAMP



TUBE - TO - TUBE CLAMP



SHANZ PIN INTRODUCER



CONNECTING ROD



SCHANZ PIN



STEINMANN PIN



SPANNER



T - WRENCH



DYNAMIC FIXATOR

**DYNAMIC EXTERNAL FIXATOR
SMALL, MEDIUM, LARGE**



DYNAMIC FIXATOR - FOR PELVIC



**DYNAMIC FIXATOR
FOR WRIST & FOREARM**



DYNAMIC FIXATOR



BALL JOINT COUPLING CLAMP



LENGTH 250 MM
LENGTH 300 MM
LENGTH 350 MM
LENGTH 400 MM

T - BALL JOINT COUPLING CLAMP



T - CLAMP



DYNA CLAMP



RAIL FIXATOR



CENTRAL CLAMP



END CLAMP



SWIVEL CLAMP



**TEMPLATE FOR
END & CENTRAL CLAMP**



TEMPLATE FOR SWIVEL CLAMP



LENGTHING FIXATOR SMALL



LENGTHING FIXATOR MEDIUM



LENGTHING FIXATOR LARGE



C - D UNIT



Length
40mm
80mm
100mm

DRILL GUIDE



ALLEN KEY



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