

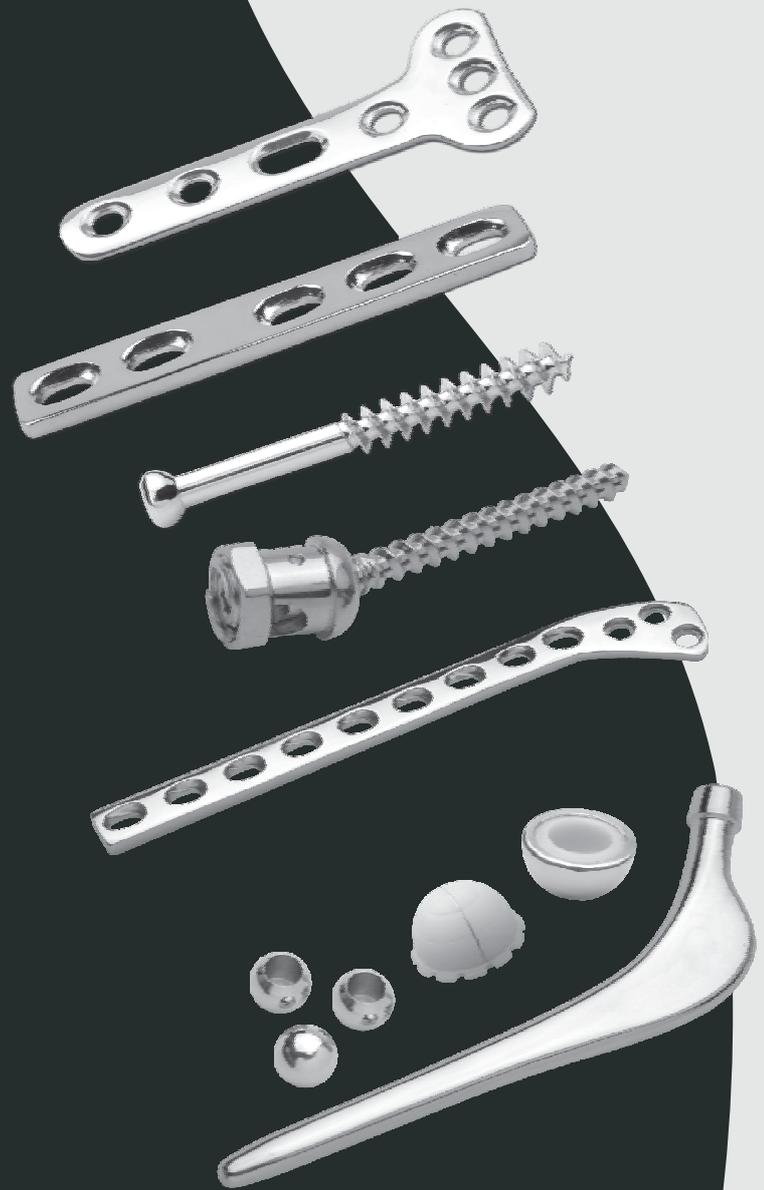


NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance



www.ortho.in



Orthopaedic
Implants & Instruments

International Catalogue # 09.1
2006



CERTIFICATES



**DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE**

Certificate No. 00815-2004-AQ-BOM-RvA

This is to certify that
the Quality Management System
of

NARANG MEDICAL LTD.

at
Narang Tower, 46, Community Centre, Naraina Phase 1, New Delhi - 110 028, INDIA

has been found to conform to the Quality Management System Standard:
ISO 9001:2000

This Certificate is valid for the following product or service ranges:
**MANUFACTURE, MARKETING & SUPPLY OF MEDICAL/SURGICAL DEVICES & EQUIPMENTS LIKE
SURGICAL BLADES WITH/WITHOUT SCALPES, LV-CANNULA, STETHOSCOPE, LARYNGOSCOPE,
ARTIFICIAL RESUSCITATORS, FACE MASK, BREATHING BAGS, ORTHOPAEDIC IMPLANTS AND
SUCTION UNITS & SURGICAL/MEDICAL RUBBER GOODS AND MARKETING & SUPPLY OF
HOSPITAL, LABORATORY, SCIENTIFIC AND EDUCATIONAL EQUIPMENTS**

Original Certificate date: 2004-04-30 Place and date: Chennai, 2004-05-22
This Certificate is valid until: 2007-04-30 For the accredited unit: DNV CERTIFICATION B.V., THE NETHERLANDS
Compliance to the Standard in respect to the indicated scope is verified by the DNV approved registered Team Leader: *[Signature]*
D. V. Ravi Kumar Lead Auditor Krunal Kumar N.R. Management Representative

Lack of fulfillment of conditions as set out in the Appendix may render this Certificate invalid.

DNV CERTIFICATION B.V. (Incorporated in The Netherlands) 7, 879 00, Schiedamschen 713, PO Box 111, 3220 AD Zaan, The Netherlands Tel: +31 (0)20 490 5420 Fax: +31 (0)20 490 5421



**DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE**

Certificate No. 2004-081-AQ-7333 / 2006-081-AQ-0372

This is to certify that
THE QUALITY MANAGEMENT SYSTEM
of

Narang Medical Ltd.

at
Narang Tower, 46 Community Centre, Naraina Ph-I, New Delhi - 110028, India

has been found to conform to the Quality Management System Standard
ISO 9001 : 2000 / ISO 13485 : 2003

This Certificate is valid for the following product or service ranges:
**Manufacture and Supply of Medical, Surgical, Hospital,
Laboratory Products and Devices.**

Original certificate valid from: 2004-04-30 Place and date: Harid, 2006-05-22
This Certificate will expire on: 2009-07-15 For the accredited unit: Det Norske Veritas Certification AS
P. J. Singh Lead Auditor *[Signature]* Eugenie Wagner Haaebye Management Representative

Lack of fulfillment of conditions as set out in the Appendix may render this Certificate invalid.

Det Norske Veritas (Incorporated in Norway) 1, N-1322 Høvik, NO-1470 St. Olavs, NO-1470 St. Olavs, NO-1470 St. Olavs, NO-1470 St. Olavs

Quality does not happen by accident, it has to be planned
-Joseph Juran



CERTIFICATE OF COMPLIANCE

Narang Medical Ltd.

Narang Tower, 46 Community Centre, Naraina Phase - I
New Delhi - 110 028, India

Has successfully implemented Quality Management System
Which has been in conformance to the requirements of

WHO-GMP

Scope: *Manufacture, marketing & supply of medical/surgical devices & equipments and
marketing & supply of hospital, laboratory, scientific & educational equipments.*

Certificate Number: AI2006/2527
Date of original registration: 24th August 2006
Date of current registration: 24th August 2006
Date Registration expires: 23rd August 2008

[Signature]
Ramesh Jaid
Country Manager

Any significant changes to the design or process used to manufacture the product, or revisions to the Standards referred herein may require approval from AQSR. The product holder must advise the manufacturer or his representative in accordance with standards.
AQSR India Pvt. Ltd., 7, Community Centre, 46th Floor, East of Kailash New Delhi - 110 005, India.
Tel: +91 11 43007242, 41040243; Fax: +91 11 43007247



Electrotechnical Research and Projecting Institute j.s.c.
SKTC 101 Nova Dubnica, Slovakia

Notified Body/Competent Body
Identification No. 1293

CE

EC CERTIFICATE

**FULL QUALITY ASSURANCE SYSTEM
APPROVAL CERTIFICATE**

No. 40063/101/1/2006/CE

We hereby declare that an examination of the under mentioned full quality assurance system has been carried out following the requirements of the national legislation to which the undermentioned is subjected, manufacturing under it (with exemption of section 6) of the Directive 93/42/EEC on medical devices. We certify that the full quality assurance system conforms with the relevant provisions of the aforementioned directive.

Applicant : Narang Medical Ltd.
Head Office : Narang Tower, 46, Community Centre
Naraina Ph-I, New Delhi - 28, India.
Works : B-XXIX/536/12-C/6, Singla Cycle Road
Mauder Street, Opp. Dhandari Kattan Railway Station
Ludhiana (Punjab), India
Product : Orthopaedic Implants and Appliances
Trademark : NET
Types : see annex
Classification : Medical devices (class IIb)
Reference to : Report no. 40063 / 2006
Date of issue : May 10, 2006
Date of the end of validity : May 09, 2011
Nova Dubnica, May 10, 2006
EVPÜ, s.r.o., SKTC 101
Troskova 17,
819 51 Nova Dubnica, Slovakia
004433
Tel: +421 (0)42 4401 000, 4401 500
Fax: +421 (0)42 4401 502
e-mail: info@evpu.sk

[Signature]

CONTENTS

1. Certificates of ISO:9001-2000, ISO:13485-2003, CE & WHO:GMP	2
2. Guidelines for use of Implants	4
3. Product Category Index	
a. Interlocking Nails	5 - 41
b. Misc. Nails, Wires & Pins	42 - 52
c. Maxillofacial Implants & Instruments	53 - 60
d. Mini Fragment Implants & Instruments	61 - 64
e. Small Fragment Implants & Instruments	65 - 74
f. Large Fragment Implants & Instruments	75 - 86
g. Cannulated Screws	87 - 94
h. DHS/DCS & Angled Blade Plates	95 - 102
i. Hip Prosthesis & Modular Systems	103 - 113
j. New Arrivals	114
k. Spine Surgery	115 - 122
l. External Fixators	123 - 132
m. General Instruments & Drills	133 - 148
4. Index in order of Article Codes	149 - 151
5. Index in order of Article Names	152 - 156
6. Notes	157 - 158
7. What our Competitors don't want you to know	159
8. Terms & Conditions	160

...See last for Pages for Detailed Index

Notes: We use for Implants Stainless Steel 316L, 316VM and Titanium medical grade.

Guidelines for Use of Implants



DISCLAIMER NOTICE: This manual is solely meant for the purpose of guidance and is no substitute for professional training and is not intended to contradict the training. Use of all our products is restricted to professional who are qualified & trained to use them. The safe and effective usage of this product largely depends on the skill of the operator. Do not use on self. Call for expert help. We are not liable for any damages due to improper or unauthorized usage or mishandling. It is buyer's responsibility to keep the products & packing away from the reach of unauthorized people, children & animals, and, dispose them off in an environment friendly way. You must keep proper record of the product to assist product recalls (if any). All disputes are subject to New Delhi Jurisdiction.

Surgical Implants act as internal aids to normal healing and cannot bear the weight of the body when the bone is incompletely healed. Surgical implants have given the surgeon a means of rigid fixation for fracture management and reconstructive surgery.

1. SELECTION OF THE PATIENT: During selection of patients the following factors have to be considered.

a) Immunological Intolerance - Immunological intolerance may occur in some patient. Where material sensitivity is suspected, appropriate foreign body tests should be performed.

b) Degenerative Diseases: In the case of patients suffering from degenerative diseases, this can get aggravated during implantation, 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 implants fracture and complication.

d) Alcohol and Drug Addiction: Patients who are addicted to alcohol and drugs may ignore during the state of stupor or during the stage of withdrawal, the necessary precautions for the use of implants. This may result in complications of implants failure.

e) Obesity: An obese patient produce abnormal stresses leading to increased load on the implant which ultimately result in failure of the implant.

f) Activity: If the patient indulges in an 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 the shape of the human bones puts limitations of size and strength of implants during fracture management and reconstructive surgery. The doctor/Orthopaedic Surgeon has to select the appropriate implant depending upon the application which should also be free from any apparent corrosion or any manufacturing defect.

3. HANDLING OF IMPLANTS: The plate should conform 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 a strong expelling force. Hence, plate contouring should be done by the plate benders design for this purpose. Care should be taken that there are no scratches or distortions notches, sharp dents or reverse bends at the site of the screw hole. These may cause defects on surface finish and result in improper bonding.

4. UNSTABLE: Plates even if bent and properly fixed may fatigue and break. Breakage may be due to unstable implant fixation or insufficient support. If the screw is not properly centered as it is being tightened there will be tendency for the countersink in the plate to force it to one side, thereby damaging the good threads already cut in the bone and producing a strain which will probably 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 an aid for healing should be removed once its services is over, particularly in younger and more active patients.

6. POST OPERATIVE CARE: A patient must be made aware of the limitations of metallic implants and take precautions to avoid unnecessary stress to 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 is an ununited fracture. Bone union is must and the patient must restrict his activities to assist in healing.

7. SECOND HAND IMPLANTS: Used implants which appear un-damaged may have internal and external defects. It is possible that individual stress analysis of each part fail to reveal the accumulated stress on the metals as a result of use within the body. This may lead ultimately to implant failure. Every implant must be discarded after use and should never be re-used. They should be bent & then disposed properly so that they are unfit for reuse. While disposing, ensure that the discarded implant does not pose any threat to children, stray animals & environment.

8. INCOMPATIBLE COMBINATIONS: Implant components from one manufacture should not be used with those of another. Implants from each manufacture may have metal and design differences, so that use in conjunction with different device could lead to inadequate fixation or corrosion of the implant due to generation of peizo currents.

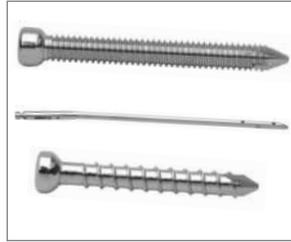
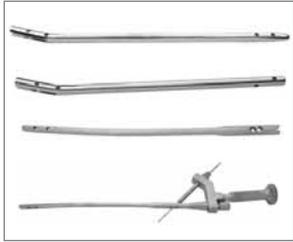
9. PACKAGING DISPOSAL: The packaging material of this device if swallowed may cause choking hazards. Therefore, it should be disposed in such a way that it is out of reach of children & stray animals.

10. STERILITY: For sterilized devices(by Gamma Radiation Sterilization Process as per International Standard IAEA - TECH-DOC-539, ISO-11137 94 AAMI & EN-552) if the packaging of the device is perfectly sealed & untampered, the device remains sterile for a minimum of 5 year from the date of sterility. This date is also mentioned in the sticker put on the packaging of the device & should be checked by the end user before use. In case the device is not perfectly sealed or the sterilization has expired, the device should be considered as non- Sterile & method of sterilization should be followed as given below. In case the device is supplied non-sterile, it should be sterilized before use by steam sterilization at Sterilizing Temperature- 121° C with sterilizing time of 25-30 minutes and steam pressure of 15 psi. The same has been validated.

11. USE: This device should be used by Qualified & Specialized Trained Surgeons Only.

PRIVACY STATEMENT: This guide is the sole property of M/s Narang Medical Ltd. and it should not be copied / reprinted / e-media published without the written permission of its Director. Due to the continuous improvements and modifications in the instrument as per customer's requirement and our Research and Development activities, we may change some or any of its description or application without notice.

□ INTERLOCKING NAILS



Copyright © Narang Medical Limited. All rights reserved.



NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance





Universal Tibial Nails STAINLESS STEEL

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	IT09-26	IT10-26	IT11-26	IT12-26	IT13-26	IT14-26
27	IT09-27	IT10-27	IT11-27	IT12-27	IT13-27	IT14-27
28	IT09-28	IT10-28	IT11-28	IT12-28	IT13-28	IT14-28
29	IT09-29	IT10-29	IT11-29	IT12-29	IT13-29	IT14-29
30	IT09-30	IT10-30	IT11-30	IT12-30	IT13-30	IT14-30
31	IT09-31	IT10-31	IT11-31	IT12-31	IT13-31	IT14-31
32	IT09-32	IT10-32	IT11-32	IT12-32	IT13-32	IT14-32
33	IT09-33	IT10-33	IT11-33	IT12-33	IT13-33	IT14-33
34	IT09-34	IT10-34	IT11-34	IT12-34	IT13-34	IT14-34
35	IT09-35	IT10-35	IT11-35	IT12-35	IT13-35	IT14-35
36	IT09-36	IT10-36	IT11-36	IT12-36	IT13-36	IT14-36
37	IT09-37	IT10-37	IT11-37	IT12-37	IT13-37	IT14-37
38	IT09-38	IT10-38	IT11-38	IT12-38	IT13-38	IT14-38
39	IT09-39	IT10-39	IT11-39	IT12-39	IT13-39	IT14-39
40	IT09-40	IT10-40	IT11-40	IT12-40	IT13-40	IT14-40
41	IT09-41	IT10-41	IT11-41	IT12-41	IT13-41	IT14-41
42	IT09-42	IT10-42	IT11-42	IT12-42	IT13-42	IT14-42
43	IT09-43	IT10-43	IT11-43	IT12-43	IT13-43	IT14-43
44	IT09-44	IT10-44	IT11-44	IT12-44	IT13-44	IT14-44

Same Nail for Right & Left Leg



Universal Tibial Nails with Proximal Dynamic Hole STAINLESS STEEL

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	ITD09-26	ITD10-26	ITD11-26	ITD12-26	ITD13-26	ITD14-26
27	ITD09-27	ITD10-27	ITD11-27	ITD12-27	ITD13-27	ITD14-27
28	ITD09-28	ITD10-28	ITD11-28	ITD12-28	ITD13-28	ITD14-28
29	ITD09-29	ITD10-29	ITD11-29	ITD12-29	ITD13-29	ITD14-29
30	ITD09-30	ITD10-30	ITD11-30	ITD12-30	ITD13-30	ITD14-30
31	ITD09-31	ITD10-31	ITD11-31	ITD12-31	ITD13-31	ITD14-31
32	ITD09-32	ITD10-32	ITD11-32	ITD12-32	ITD13-32	ITD14-32
33	ITD09-33	ITD10-33	ITD11-33	ITD12-33	ITD13-33	ITD14-33
34	ITD09-34	ITD10-34	ITD11-34	ITD12-34	ITD13-34	ITD14-34
35	ITD09-35	ITD10-35	ITD11-35	ITD12-35	ITD13-35	ITD14-35
36	ITD09-36	ITD10-36	ITD11-36	ITD12-36	ITD13-36	ITD14-36
37	ITD09-37	ITD10-37	ITD11-37	ITD12-37	ITD13-37	ITD14-37
38	ITD09-38	ITD10-38	ITD11-38	ITD12-38	ITD13-38	ITD14-38
39	ITD09-39	ITD10-39	ITD11-39	ITD12-39	ITD13-39	ITD14-39
40	ITD09-40	ITD10-40	ITD11-40	ITD12-40	ITD13-40	ITD14-40
41	ITD09-41	ITD10-41	ITD11-41	ITD12-41	ITD13-41	ITD14-41
42	ITD09-42	ITD10-42	ITD11-42	ITD12-42	ITD13-42	ITD14-42
43	ITD09-43	ITD10-43	ITD11-43	ITD12-43	ITD13-43	ITD14-43
44	ITD09-44	ITD10-44	ITD11-44	ITD12-44	ITD13-44	ITD14-44

Same Nail for Right & Left Leg



**Universal Femoral Nails
 STAINLESS STEEL**

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	IF09-32	IF10-32	IF11-32	IF12-32	IF13-32	IF14-32
33	IF09-33	IF10-33	IF11-33	IF12-33	IF13-33	IF14-33
34	IF09-34	IF10-34	IF11-34	IF12-34	IF13-34	IF14-34
35	IF09-35	IF10-35	IF11-35	IF12-35	IF13-35	IF14-35
36	IF09-36	IF10-36	IF11-36	IF12-36	IF13-36	IF14-36
37	IF09-37	IF10-37	IF11-37	IF12-37	IF13-37	IF14-37
38	IF09-38	IF10-38	IF11-38	IF12-38	IF13-38	IF14-38
39	IF09-39	IF10-39	IF11-39	IF12-39	IF13-39	IF14-39
40	IF09-40	IF10-40	IF11-40	IF12-40	IF13-40	IF14-40
41	IF09-41	IF10-41	IF11-41	IF12-41	IF13-41	IF14-41
42	IF09-42	IF10-42	IF11-42	IF12-42	IF13-42	IF14-42
43	IF09-43	IF10-43	IF11-43	IF12-43	IF13-43	IF14-43
44	IF09-44	IF10-44	IF11-44	IF12-44	IF13-44	IF14-44
45	IF09-45	IF10-45	IF11-45	IF12-45	IF13-45	IF14-45
46	IF09-46	IF10-46	IF11-46	IF12-46	IF13-46	IF14-46

Same Nail for Right & Left Leg



**Universal Femoral Nail with Proximal Dynamic Hole
 STAINLESS STEEL**

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	IFD09-32	IFD10-32	IFD11-32	IFD12-32	IFD13-32	IFD14-32
33	IFD09-33	IFD10-33	IFD11-33	IFD12-33	IFD13-33	IFD14-33
34	IFD09-34	IFD10-34	IFD11-34	IFD12-34	IFD13-34	IFD14-34
35	IFD09-35	IFD10-35	IFD11-35	IFD12-35	IFD13-35	IFD14-35
36	IFD09-36	IFD10-36	IFD11-36	IFD12-36	IFD13-36	IFD14-36
37	IFD09-37	IFD10-37	IFD11-37	IFD12-37	IFD13-37	IFD14-37
38	IFD09-38	IFD10-38	IFD11-38	IFD12-38	IFD13-38	IFD14-38
39	IFD09-39	IFD10-39	IFD11-39	IFD12-39	IFD13-39	IFD14-39
40	IFD09-40	IFD10-40	IFD11-40	IFD12-40	IFD13-40	IFD14-40
41	IFD09-41	IFD10-41	IFD11-41	IFD12-41	IFD13-41	IFD14-41
42	IFD09-42	IFD10-42	IFD11-42	IFD12-42	IFD13-42	IFD14-42
43	IFD09-43	IFD10-43	IFD11-43	IFD12-43	IFD13-43	IFD14-43
44	IFD09-44	IFD10-44	IFD11-44	IFD12-44	IFD13-44	IFD14-44
45	IFD09-45	IFD10-45	IFD11-45	IFD12-45	IFD13-45	IFD14-45
46	IFD09-46	IFD10-46	IFD11-46	IFD12-46	IFD13-46	IFD14-46

Same Nail for Right & Left Leg



**Universal Tibial Nail (Slotted) with Proximal Dynamic Hole
STAINLESS STEEL**

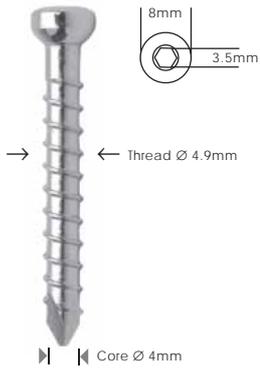
Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	ITS09-26	ITS10-26	ITS11-26	ITS12-26	ITS13-26	ITS14-26
27	ITS09-27	ITS10-27	ITS11-27	ITS12-27	ITS13-27	ITS14-27
28	ITS09-28	ITS10-28	ITS11-28	ITS12-28	ITS13-28	ITS14-28
29	ITS09-29	ITS10-29	ITS11-29	ITS12-29	ITS13-29	ITS14-29
30	ITS09-30	ITS10-30	ITS11-30	ITS12-30	ITS13-30	ITS14-30
31	ITS09-31	ITS10-31	ITS11-31	ITS12-31	ITS13-31	ITS14-31
32	ITS09-32	ITS10-32	ITS11-32	ITS12-32	ITS13-32	ITS14-32
33	ITS09-33	ITS10-33	ITS11-33	ITS12-33	ITS13-33	ITS14-33
34	ITS09-34	ITS10-34	ITS11-34	ITS12-34	ITS13-34	ITS14-34
35	ITS09-35	ITS10-35	ITS11-35	ITS12-35	ITS13-35	ITS14-35
36	ITS09-36	ITS10-36	ITS11-36	ITS12-36	ITS13-36	ITS14-36
37	ITS09-37	ITS10-37	ITS11-37	ITS12-37	ITS13-37	ITS14-37
38	ITS09-38	ITS10-38	ITS11-38	ITS12-38	ITS13-38	ITS14-38
39	ITS09-39	ITS10-39	ITS11-39	ITS12-39	ITS13-39	ITS14-39
40	ITS09-40	ITS10-40	ITS11-40	ITS12-40	ITS13-40	ITS14-40
41	ITS09-41	ITS10-41	ITS11-41	ITS12-41	ITS13-41	ITS14-41
42	ITS09-42	ITS10-42	ITS11-42	ITS12-42	ITS13-42	ITS14-42
43	ITS09-43	ITS10-43	ITS11-43	ITS12-43	ITS13-43	ITS14-43
44	ITS09-44	ITS10-44	ITS11-44	ITS12-44	ITS13-44	ITS14-44



**Universal Femoral Nail (Slotted) with Proximal Dynamic Hole
STAINLESS STEEL**

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	IFS09-26	IFS10-26	IFS11-26	IFS12-26	IFS13-26	IFS14-26
27	IFS09-27	IFS10-27	IFS11-27	IFS12-27	IFS13-27	IFS14-27
28	IFS09-28	IFS10-28	IFS11-28	IFS12-28	IFS13-28	IFS14-28
29	IFS09-29	IFS10-29	IFS11-29	IFS12-29	IFS13-29	IFS14-29
30	IFS09-30	IFS10-30	IFS11-30	IFS12-30	IFS13-30	IFS14-30
31	IFS09-31	IFS10-31	IFS11-31	IFS12-31	IFS13-31	IFS14-31
32	IFS09-32	IFS10-32	IFS11-32	IFS12-32	IFS13-32	IFS14-32
33	IFS09-33	IFS10-33	IFS11-33	IFS12-33	IFS13-33	IFS14-33
34	IFS09-34	IFS10-34	IFS11-34	IFS12-34	IFS13-34	IFS14-34
35	IFS09-35	IFS10-35	IFS11-35	IFS12-35	IFS13-35	IFS14-35
36	IFS09-36	IFS10-36	IFS11-36	IFS12-36	IFS13-36	IFS14-36
37	IFS09-37	IFS10-37	IFS11-37	IFS12-37	IFS13-37	IFS14-37
38	IFS09-38	IFS10-38	IFS11-38	IFS12-38	IFS13-38	IFS14-38
39	IFS09-39	IFS10-39	IFS11-39	IFS12-39	IFS13-39	IFS14-39
40	IFS09-40	IFS10-40	IFS11-40	IFS12-40	IFS13-40	IFS14-40
41	IFS09-41	IFS10-41	IFS11-41	IFS12-41	IFS13-41	IFS14-41
42	IFS09-42	IFS10-42	IFS11-42	IFS12-42	IFS13-42	IFS14-42
43	IFS09-43	IFS10-43	IFS11-43	IFS12-43	IFS13-43	IFS14-43
44	IFS09-44	IFS10-44	IFS11-44	IFS12-44	IFS13-44	IFS14-44

**LOCKING BOLTS,
DIA 4.9MM,
(SELF TAPPING)
STAINLESS STEEL**



Code No.	Length mm
040-24	24
040-26	26
040-28	28
040-30	30
040-32	32
040-34	34
040-36	36
040-38	38
040-40	40
040-42	42
040-44	44
040-46	46
040-48	48
040-50	50
040-52	52
040-54	54
040-56	56
040-58	58
040-60	60
040-65	65
040-70	70
040-75	75
040-80	80
040-85	85
040-90	90
040-95	95
040-100	100

Note:
To ensure safe hold in the far cortical, a locking bolt 2mm longer than measured has to be chosen to allow for the trocar tip.
Drill Bit to be used: 4mm



**Plug Screws for all Universal Nails
STAINLESS STEEL**

Code No.	Used with
042-109	for 9.0mm Dia. Nails.
042-110	for 10.0mm Dia. Nails.
042-111	for 11.0mm Dia. Nails.
042-112	for 12.0mm Dia. Nails.
042-113	for 13.0mm Dia. Nails.
042-114	for 14.0mm Dia. Nails.

□ **INSTRUMENTS FOR UNIVERSAL TIBIAL & FEMORAL NAILS**



Bone Awl
Code No.: 507.01



Tissue Protector
Code No.: 507.02



Medullary Tube
Code No.: 507.04



Guide Rod / Reaming Rod Introducer
Code No.: 507.07



Reaming Rod 3.0mm Dia.
Code No.: 507.05



Guide Rod 3.0mm Dia.
Code No.: 507.08



Medullary Reamer
Code No.: 507.45



Flexible Reaming Shaft
Code No.: 507.03



Spanner 11mm, S.S.
Code No.: 507.99



Spanner 21mm, S.S.
Code No.: 507.100



**Cannulated Extractor Impactor Set
(Set of Three)**
Code No.: 507.11



Curved Driving Piece with Head
Code No.: 507.10



Proximal Jig
Code No.: 507.12



Conical Bolt with Two Nuts
Code No.: 507.13



Drill Bit 4.0 x 4.5mm Dia. (Quick Coupling), Length 250mm.
Code No.: 201.48



Drill Bit 3.2mm Dia. (Quick Coupling), Length 200mm.
Code No.: 260.325



Extra Large Hexagonal Screw Driver, 3.5mm Tip
Code No.: 208.10



Freehand Aiming Device for Distal Locking
Code No.: 507.14



Depth Gauge (Extra Large)
Code No.: 507.16



Protection Sleeve, 8.0mm(ID), 11mm(OD)
Code No.: 507.17



Drill Sleeve 3.2mm(ID), 8.0mm(OD)
Code No.: 507.18



Drill Sleeve, 4.5mm(ID), 8.0mm(OD)
Code No.: 507.19



Trocar, 8mm Dia.
Code No.: 507.20



Cannulated Socket Wrench - 11mm
Code No.: 507.09

□ INSTRUMENTS SET FOR UNIVERSAL TIBIAL & FEMORAL NAILS

INSTRUMENTS SET FOR UNIVERSAL TIBIAL & UNIVERSAL FEMORAL NAILS, S.S.

Code No.: IS030M

	<i>Set Consisting of:</i>	Units
507.01	Bone Awl	1
507.02	Tissue Protector	1
507.038	Flexible Reaming Shaft with Fixed Reamer, Dia. 8.0mm.	1
507.03	Flexible Reamer Shaft only*(For Reamer Heads 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm.)	1
507.23	Flexible Reamer Shaft only (For Reamer Heads 13.5, 14, 14.5, 15mm.)	1
507.45	Reamer Heads (Medullary), 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm, Set of 9 pieces	1 Set
507.46	Reamer Heads (Medullary), 13.5, 14, 14.5, 15mm, Set of 4 pieces	1 Set
507.04	Medullary Tube	1
507.05	Reaming Rod 3.0mm Dia	1
507.06	Holding Forceps for Reaming Rod	1
507.07	Guide Rod / Reaming Rod Introducer	1
507.08	Guide Rod 3.0mm Dia	1
507.09	Cannulated Socket Wrench - 11mm	1
507.10	Curved Driving Piece with Head	1
507.11	Cannulated Extractor - Impactor Set (Set of Three)	1
507.12	Proximal Jig	1
507.13	Conical Bolt with Two nuts	1
201.48	Drill Bit 4.0 x 4.5mm Dia (Quick Coupling), Length 250mm	2
260.325	Drill Bit 3.2mm Dia (Quick Coupling), Length 200mm	1
208.10	Extra Large Hexagonal Screw Driver 3.5mm Tip	1
507.14	Freehand Aiming Device for Distal Locking	1
507.16	Depth Gauge (Extra Large)	1
507.17	Protection Sleeve 8mm (ID.), 11mm (OD.)	1
507.18	Drill Sleeve 3.2mm (ID.), 8mm (OD.)	1
507.19	Drill Sleeve 4.5mm (ID.), 8mm (OD.)	1
507.20	Trocar, 8mm Dia.	1
507.99	Spanner, 11mm	1
507.100	Spanner, 21mm	1
400.015	S.S.Container with Tray	1 set





Modified Tibial Nails (Standard Hole) STAINLESS STEEL

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	MT09-26	MT10-26	MT11-26	MT12-26	MT13-26	MT14-26
27	MT09-27	MT10-27	MT11-27	MT12-27	MT13-27	MT14-27
28	MT09-28	MT10-28	MT11-28	MT12-28	MT13-28	MT14-28
29	MT09-29	MT10-29	MT11-29	MT12-29	MT13-29	MT14-29
30	MT09-30	MT10-30	MT11-30	MT12-30	MT13-30	MT14-30
31	MT09-31	MT10-31	MT11-31	MT12-31	MT13-31	MT14-31
32	MT09-32	MT10-32	MT11-32	MT12-32	MT13-32	MT14-32
33	MT09-33	MT10-33	MT11-33	MT12-33	MT13-33	MT14-33
34	MT09-34	MT10-34	MT11-34	MT12-34	MT13-34	MT14-34
35	MT09-35	MT10-35	MT11-35	MT12-35	MT13-35	MT14-35
36	MT09-36	MT10-36	MT11-36	MT12-36	MT13-36	MT14-36
37	MT09-37	MT10-37	MT11-37	MT12-37	MT13-37	MT14-37
38	MT09-38	MT10-38	MT11-38	MT12-38	MT13-38	MT14-38
39	MT09-39	MT10-39	MT11-39	MT12-39	MT13-39	MT14-39
40	MT09-40	MT10-40	MT11-40	MT12-40	MT13-40	MT14-40
41	MT09-41	MT10-41	MT11-41	MT12-41	MT13-41	MT14-41
42	MT09-42	MT10-42	MT11-42	MT12-42	MT13-42	MT14-42
43	MT09-43	MT10-43	MT11-43	MT12-43	MT13-43	MT14-43
44	MT09-44	MT10-44	MT11-44	MT12-44	MT13-44	MT14-44

Modified Tibial Nails (Standard Hole) TITANIUM

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	Ti-MT09-26	Ti-MT10-26	Ti-MT11-26	Ti-MT12-26	Ti-MT13-26	Ti-MT14-26
27	Ti-MT09-27	Ti-MT10-27	Ti-MT11-27	Ti-MT12-27	Ti-MT13-27	Ti-MT14-27
28	Ti-MT09-28	Ti-MT10-28	Ti-MT11-28	Ti-MT12-28	Ti-MT13-28	Ti-MT14-28
29	Ti-MT09-29	Ti-MT10-29	Ti-MT11-29	Ti-MT12-29	Ti-MT13-29	Ti-MT14-29
30	Ti-MT09-30	Ti-MT10-30	Ti-MT11-30	Ti-MT12-30	Ti-MT13-30	Ti-MT14-30
31	Ti-MT09-31	Ti-MT10-31	Ti-MT11-31	Ti-MT12-31	Ti-MT13-31	Ti-MT14-31
32	Ti-MT09-32	Ti-MT10-32	Ti-MT11-32	Ti-MT12-32	Ti-MT13-32	Ti-MT14-32
33	Ti-MT09-33	Ti-MT10-33	Ti-MT11-33	Ti-MT12-33	Ti-MT13-33	Ti-MT14-33
34	Ti-MT09-34	Ti-MT10-34	Ti-MT11-34	Ti-MT12-34	Ti-MT13-34	Ti-MT14-34
35	Ti-MT09-35	Ti-MT10-35	Ti-MT11-35	Ti-MT12-35	Ti-MT13-35	Ti-MT14-35
36	Ti-MT09-36	Ti-MT10-36	Ti-MT11-36	Ti-MT12-36	Ti-MT13-36	Ti-MT14-36
37	Ti-MT09-37	Ti-MT10-37	Ti-MT11-37	Ti-MT12-37	Ti-MT13-37	Ti-MT14-37
38	Ti-MT09-38	Ti-MT10-38	Ti-MT11-38	Ti-MT12-38	Ti-MT13-38	Ti-MT14-38
39	Ti-MT09-39	Ti-MT10-39	Ti-MT11-39	Ti-MT12-39	Ti-MT13-39	Ti-MT14-39
40	Ti-MT09-40	Ti-MT10-40	Ti-MT11-40	Ti-MT12-40	Ti-MT13-40	Ti-MT14-40
41	Ti-MT09-41	Ti-MT10-41	Ti-MT11-41	Ti-MT12-41	Ti-MT13-41	Ti-MT14-41
42	Ti-MT09-42	Ti-MT10-42	Ti-MT11-42	Ti-MT12-42	Ti-MT13-42	Ti-MT14-42
43	Ti-MT09-43	Ti-MT10-43	Ti-MT11-43	Ti-MT12-43	Ti-MT13-43	Ti-MT14-43
44	Ti-MT09-44	Ti-MT10-44	Ti-MT11-44	Ti-MT12-44	Ti-MT13-44	Ti-MT14-44



**Modified Tibial Nail, Lower End Holes
STAINLESS STEEL**

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	LT09-26	LT10-26	LT11-26	LT12-26	LT13-26	LT14-26
27	LT09-27	LT10-27	LT11-27	LT12-27	LT13-27	LT14-27
28	LT09-28	LT10-28	LT11-28	LT12-28	LT13-28	LT14-28
29	LT09-29	LT10-29	LT11-29	LT12-29	LT13-29	LT14-29
30	LT09-30	LT10-30	LT11-30	LT12-30	LT13-30	LT14-30
31	LT09-31	LT10-31	LT11-31	LT12-31	LT13-31	LT14-31
32	LT09-32	LT10-32	LT11-32	LT12-32	LT13-32	LT14-32
33	LT09-33	LT10-33	LT11-33	LT12-33	LT13-33	LT14-33
34	LT09-34	LT10-34	LT11-34	LT12-34	LT13-34	LT14-34
35	LT09-35	LT10-35	LT11-35	LT12-35	LT13-35	LT14-35
36	LT09-36	LT10-36	LT11-36	LT12-36	LT13-36	LT14-36
37	LT09-37	LT10-37	LT11-37	LT12-37	LT13-37	LT14-37
38	LT09-38	LT10-38	LT11-38	LT12-38	LT13-38	LT14-38
39	LT09-39	LT10-39	LT11-39	LT12-39	LT13-39	LT14-39
40	LT09-40	LT10-40	LT11-40	LT12-40	LT13-40	LT14-40
41	LT09-41	LT10-41	LT11-41	LT12-41	LT13-41	LT14-41
42	LT09-42	LT10-42	LT11-42	LT12-42	LT13-42	LT14-42
43	LT09-43	LT10-43	LT11-43	LT12-43	LT13-43	LT14-43
44	LT09-44	LT10-44	LT11-44	LT12-44	LT13-44	LT14-44



**Modified Tibial Nail, Lower End Holes
TITANIUM**

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	Ti-LT09-26	Ti-LT10-26	Ti-LT11-26	Ti-LT12-26	Ti-LT13-26	Ti-LT14-26
27	Ti-LT09-27	Ti-LT10-27	Ti-LT11-27	Ti-LT12-27	Ti-LT13-27	Ti-LT14-27
28	Ti-LT09-28	Ti-LT10-28	Ti-LT11-28	Ti-LT12-28	Ti-LT13-28	Ti-LT14-28
29	Ti-LT09-29	Ti-LT10-29	Ti-LT11-29	Ti-LT12-29	Ti-LT13-29	Ti-LT14-29
30	Ti-LT09-30	Ti-LT10-30	Ti-LT11-30	Ti-LT12-30	Ti-LT13-30	Ti-LT14-30
31	Ti-LT09-31	Ti-LT10-31	Ti-LT11-31	Ti-LT12-31	Ti-LT13-31	Ti-LT14-31
32	Ti-LT09-32	Ti-LT10-32	Ti-LT11-32	Ti-LT12-32	Ti-LT13-32	Ti-LT14-32
33	Ti-LT09-33	Ti-LT10-33	Ti-LT11-33	Ti-LT12-33	Ti-LT13-33	Ti-LT14-33
34	Ti-LT09-34	Ti-LT10-34	Ti-LT11-34	Ti-LT12-34	Ti-LT13-34	Ti-LT14-34
35	Ti-LT09-35	Ti-LT10-35	Ti-LT11-35	Ti-LT12-35	Ti-LT13-35	Ti-LT14-35
36	Ti-LT09-36	Ti-LT10-36	Ti-LT11-36	Ti-LT12-36	Ti-LT13-36	Ti-LT14-36
37	Ti-LT09-37	Ti-LT10-37	Ti-LT11-37	Ti-LT12-37	Ti-LT13-37	Ti-LT14-37
38	Ti-LT09-38	Ti-LT10-38	Ti-LT11-38	Ti-LT12-38	Ti-LT13-38	Ti-LT14-38
39	Ti-LT09-39	Ti-LT10-39	Ti-LT11-39	Ti-LT12-39	Ti-LT13-39	Ti-LT14-39
40	Ti-LT09-40	Ti-LT10-40	Ti-LT11-40	Ti-LT12-40	Ti-LT13-40	Ti-LT14-40
41	Ti-LT09-41	Ti-LT10-41	Ti-LT11-41	Ti-LT12-41	Ti-LT13-41	Ti-LT14-41
42	Ti-LT09-42	Ti-LT10-42	Ti-LT11-42	Ti-LT12-42	Ti-LT13-42	Ti-LT14-42
43	Ti-LT09-43	Ti-LT10-43	Ti-LT11-43	Ti-LT12-43	Ti-LT13-43	Ti-LT14-43
44	Ti-LT09-44	Ti-LT10-44	Ti-LT11-44	Ti-LT12-44	Ti-LT13-44	Ti-LT14-44



1 Proximal Hole Lateral to Medial for 6.2mm Locking Bolt



6.2mm Locking Bolts Ordered Separately



Modified Femoral Nails for Left Leg STAINLESS STEEL

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	MF09-32L	MF10-32L	MF11-32L	MF12-32L	MF13-32L	MF14-32L
33	MF09-33L	MF10-33L	MF11-33L	MF12-33L	MF13-33L	MF14-33L
34	MF09-34L	MF10-34L	MF11-34L	MF12-34L	MF13-34L	MF14-34L
35	MF09-35L	MF10-35L	MF11-35L	MF12-35L	MF13-35L	MF14-35L
36	MF09-36L	MF10-36L	MF11-36L	MF12-36L	MF13-36L	MF14-36L
37	MF09-37L	MF10-37L	MF11-37L	MF12-37L	MF13-37L	MF14-37L
38	MF09-38L	MF10-38L	MF11-38L	MF12-38L	MF13-38L	MF14-38L
39	MF09-39L	MF10-39L	MF11-39L	MF12-39L	MF13-39L	MF14-39L
40	MF09-40L	MF10-40L	MF11-40L	MF12-40L	MF13-40L	MF14-40L
41	MF09-41L	MF10-41L	MF11-41L	MF12-41L	MF13-41L	MF14-41L
42	MF09-42L	MF10-42L	MF11-42L	MF12-42L	MF13-42L	MF14-42L
43	MF09-43L	MF10-43L	MF11-43L	MF12-43L	MF13-43L	MF14-43L
44	MF09-44L	MF10-44L	MF11-44L	MF12-44L	MF13-44L	MF14-44L
45	MF09-45L	MF10-45L	MF11-45L	MF12-45L	MF13-45L	MF14-45L
46	MF09-46L	MF10-46L	MF11-46L	MF12-46L	MF13-46L	MF14-46L

Modified Femoral Nails for Right Leg STAINLESS STEEL

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	MF09-32R	MF10-32R	MF11-32R	MF12-32R	MF13-32R	MF14-32R
33	MF09-33R	MF10-33R	MF11-33R	MF12-33R	MF13-33R	MF14-33R
34	MF09-34R	MF10-34R	MF11-34R	MF12-34R	MF13-34R	MF14-34R
35	MF09-35R	MF10-35R	MF11-35R	MF12-35R	MF13-35R	MF14-35R
36	MF09-36R	MF10-36R	MF11-36R	MF12-36R	MF13-36R	MF14-36R
37	MF09-37R	MF10-37R	MF11-37R	MF12-37R	MF13-37R	MF14-37R
38	MF09-38R	MF10-38R	MF11-38R	MF12-38R	MF13-38R	MF14-38R
39	MF09-39R	MF10-39R	MF11-39R	MF12-39R	MF13-39R	MF14-39R
40	MF09-40R	MF10-40R	MF11-40R	MF12-40R	MF13-40R	MF14-40R
41	MF09-41R	MF10-41R	MF11-41R	MF12-41R	MF13-41R	MF14-41R
42	MF09-42R	MF10-42R	MF11-42R	MF12-42R	MF13-42R	MF14-42R
43	MF09-43R	MF10-43R	MF11-43R	MF12-43R	MF13-43R	MF14-43R
44	MF09-44R	MF10-44R	MF11-44R	MF12-44R	MF13-44R	MF14-44R
45	MF09-45R	MF10-45R	MF11-45R	MF12-45R	MF13-45R	MF14-45R
46	MF09-46R	MF10-46R	MF11-46R	MF12-46R	MF13-46R	MF14-46R

2 Distal Holes Lateral to Medial for 4.5mm Locking Bolts



All Assembly Instruments to be Ordered Separately



**Modified Femoral Nails for Left Leg
TITANIUM**

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	Ti-MF09-32L	Ti-MF10-32L	Ti-MF11-32L	Ti-MF12-32L	Ti-MF13-32L	Ti-MF14-32L
33	Ti-MF09-33L	Ti-MF10-33L	Ti-MF11-33L	Ti-MF12-33L	Ti-MF13-33L	Ti-MF14-33L
34	Ti-MF09-34L	Ti-MF10-34L	Ti-MF11-34L	Ti-MF12-34L	Ti-MF13-34L	Ti-MF14-34L
35	Ti-MF09-35L	Ti-MF10-35L	Ti-MF11-35L	Ti-MF12-35L	Ti-MF13-35L	Ti-MF14-35L
36	Ti-MF09-36L	Ti-MF10-36L	Ti-MF11-36L	Ti-MF12-36L	Ti-MF13-36L	Ti-MF14-36L
37	Ti-MF09-37L	Ti-MF10-37L	Ti-MF11-37L	Ti-MF12-37L	Ti-MF13-37L	Ti-MF14-37L
38	Ti-MF09-38L	Ti-MF10-38L	Ti-MF11-38L	Ti-MF12-38L	Ti-MF13-38L	Ti-MF14-38L
39	Ti-MF09-39L	Ti-MF10-39L	Ti-MF11-39L	Ti-MF12-39L	Ti-MF13-39L	Ti-MF14-39L
40	Ti-MF09-40L	Ti-MF10-40L	Ti-MF11-40L	Ti-MF12-40L	Ti-MF13-40L	Ti-MF14-40L
41	Ti-MF09-41L	Ti-MF10-41L	Ti-MF11-41L	Ti-MF12-41L	Ti-MF13-41L	Ti-MF14-41L
42	Ti-MF09-42L	Ti-MF10-42L	Ti-MF11-42L	Ti-MF12-42L	Ti-MF13-42L	Ti-MF14-42L
43	Ti-MF09-43L	Ti-MF10-43L	Ti-MF11-43L	Ti-MF12-43L	Ti-MF13-43L	Ti-MF14-43L
44	Ti-MF09-44L	Ti-MF10-44L	Ti-MF11-44L	Ti-MF12-44L	Ti-MF13-44L	Ti-MF14-44L
45	Ti-MF09-45L	Ti-MF10-45L	Ti-MF11-45L	Ti-MF12-45L	Ti-MF13-45L	Ti-MF14-45L
46	Ti-MF09-46L	Ti-MF10-46L	Ti-MF11-46L	Ti-MF12-46L	Ti-MF13-46L	Ti-MF14-46L

**Modified Femoral Nails for Right Leg
TITANIUM**

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	Ti-MF09-32R	Ti-MF10-32R	Ti-MF11-32R	Ti-MF12-32R	Ti-MF13-32R	Ti-MF14-32R
33	Ti-MF09-33R	Ti-MF10-33R	Ti-MF11-33R	Ti-MF12-33R	Ti-MF13-33R	Ti-MF14-33R
34	Ti-MF09-34R	Ti-MF10-34R	Ti-MF11-34R	Ti-MF12-34R	Ti-MF13-34R	Ti-MF14-34R
35	Ti-MF09-35R	Ti-MF10-35R	Ti-MF11-35R	Ti-MF12-35R	Ti-MF13-35R	Ti-MF14-35R
36	Ti-MF09-36R	Ti-MF10-36R	Ti-MF11-36R	Ti-MF12-36R	Ti-MF13-36R	Ti-MF14-36R
37	Ti-MF09-37R	Ti-MF10-37R	Ti-MF11-37R	Ti-MF12-37R	Ti-MF13-37R	Ti-MF14-37R
38	Ti-MF09-38R	Ti-MF10-38R	Ti-MF11-38R	Ti-MF12-38R	Ti-MF13-38R	Ti-MF14-38R
39	Ti-MF09-39R	Ti-MF10-39R	Ti-MF11-39R	Ti-MF12-39R	Ti-MF13-39R	Ti-MF14-39R
40	Ti-MF09-40R	Ti-MF10-40R	Ti-MF11-40R	Ti-MF12-40R	Ti-MF13-40R	Ti-MF14-40R
41	Ti-MF09-41R	Ti-MF10-41R	Ti-MF11-41R	Ti-MF12-41R	Ti-MF13-41R	Ti-MF14-41R
42	Ti-MF09-42R	Ti-MF10-42R	Ti-MF11-42R	Ti-MF12-42R	Ti-MF13-42R	Ti-MF14-42R
43	Ti-MF09-43R	Ti-MF10-43R	Ti-MF11-43R	Ti-MF12-43R	Ti-MF13-43R	Ti-MF14-43R
44	Ti-MF09-44R	Ti-MF10-44R	Ti-MF11-44R	Ti-MF12-44R	Ti-MF13-44R	Ti-MF14-44R
45	Ti-MF09-45R	Ti-MF10-45R	Ti-MF11-45R	Ti-MF12-45R	Ti-MF13-45R	Ti-MF14-45R
46	Ti-MF09-46R	Ti-MF10-46R	Ti-MF11-46R	Ti-MF12-46R	Ti-MF13-46R	Ti-MF14-46R



**Unreamed Tibial Nail, Standard Holes (UTN)
STAINLESS STEEL**

Length in cm.	Diameter	
	8 mm	9 mm
26	UTN08-26	UTN09-26
27	UTN08-27	UTN09-27
28	UTN08-28	UTN09-28
29	UTN08-29	UTN09-29
30	UTN08-30	UTN09-30
31	UTN08-31	UTN09-31
32	UTN08-32	UTN09-32
33	UTN08-33	UTN09-33
34	UTN08-34	UTN09-34
35	UTN08-35	UTN09-35
36	UTN08-36	UTN09-36
37	UTN08-37	UTN09-37
38	UTN08-38	UTN09-38
39	UTN08-39	UTN09-39
40	UTN08-40	UTN09-40
41	UTN08-41	UTN09-41
42	UTN08-42	UTN09-42
43	UTN08-43	UTN09-43
44	UTN08-44	UTN09-44

**Unreamed Tibial Nail, Standard Holes (UTN)
TITANIUM**

Length in cm.	Diameter	
	8 mm	9 mm
26	Ti-UTN08-26	Ti-UTN09-26
27	Ti-UTN08-27	Ti-UTN09-27
28	Ti-UTN08-28	Ti-UTN09-28
29	Ti-UTN08-29	Ti-UTN09-29
30	Ti-UTN08-30	Ti-UTN09-30
31	Ti-UTN08-31	Ti-UTN09-31
32	Ti-UTN08-32	Ti-UTN09-32
33	Ti-UTN08-33	Ti-UTN09-33
34	Ti-UTN08-34	Ti-UTN09-34
35	Ti-UTN08-35	Ti-UTN09-35
36	Ti-UTN08-36	Ti-UTN09-36
37	Ti-UTN08-37	Ti-UTN09-37
38	Ti-UTN08-38	Ti-UTN09-38
39	Ti-UTN08-39	Ti-UTN09-39
40	Ti-UTN08-40	Ti-UTN09-40
41	Ti-UTN08-41	Ti-UTN09-41
42	Ti-UTN08-42	Ti-UTN09-42
43	Ti-UTN08-43	Ti-UTN09-43
44	Ti-UTN08-44	Ti-UTN09-44



**Unreamed Tibial Nail, Lower End (UTN-LE)
STAINLESS STEEL**

Length in cm.	Diameter	
	8 mm	9 mm
26	UTL08-26	UTL09-26
27	UTL08-27	UTL09-27
28	UTL08-28	UTL09-28
29	UTL08-29	UTL09-29
30	UTL08-30	UTL09-30
31	UTL08-31	UTL09-31
32	UTL08-32	UTL09-32
33	UTL08-33	UTL09-33
34	UTL08-34	UTL09-34
35	UTL08-35	UTL09-35
36	UTL08-36	UTL09-36
37	UTL08-37	UTL09-37
38	UTL08-38	UTL09-38
39	UTL08-39	UTL09-39
40	UTL08-40	UTL09-40
41	UTL08-41	UTL09-41
42	UTL08-42	UTL09-42
43	UTL08-43	UTL09-43
44	UTL08-44	UTL09-44

**Unreamed Tibial Nail, Lower End (UTN-LE)
TITANIUM**

Length in cm.	Diameter	
	8 mm	9 mm
26	Ti-UTL08-26	Ti-UTL09-26
27	Ti-UTL08-27	Ti-UTL09-27
28	Ti-UTL08-28	Ti-UTL09-28
29	Ti-UTL08-29	Ti-UTL09-29
30	Ti-UTL08-30	Ti-UTL09-30
31	Ti-UTL08-31	Ti-UTL09-31
32	Ti-UTL08-32	Ti-UTL09-32
33	Ti-UTL08-33	Ti-UTL09-33
34	Ti-UTL08-34	Ti-UTL09-34
35	Ti-UTL08-35	Ti-UTL09-35
36	Ti-UTL08-36	Ti-UTL09-36
37	Ti-UTL08-37	Ti-UTL09-37
38	Ti-UTL08-38	Ti-UTL09-38
39	Ti-UTL08-39	Ti-UTL09-39
40	Ti-UTL08-40	Ti-UTL09-40
41	Ti-UTL08-41	Ti-UTL09-41
42	Ti-UTL08-42	Ti-UTL09-42
43	Ti-UTL08-43	Ti-UTL09-43
44	Ti-UTL08-44	Ti-UTL09-44



**Unreamed Femoral Nail (Left)
STAINLESS STEEL**

Length in cm.	Diameter	
	9 mm	10 mm
26	UFN09-26L	UFN10-26L
27	UFN09-27L	UFN10-27L
28	UFN09-28L	UFN10-28L
29	UFN09-29L	UFN10-29L
30	UFN09-30L	UFN10-30L
31	UFN09-31L	UFN10-31L
32	UFN09-32L	UFN10-32L
33	UFN09-33L	UFN10-33L
34	UFN09-34L	UFN10-34L
35	UFN09-35L	UFN10-35L
36	UFN09-36L	UFN10-36L
37	UFN09-37L	UFN10-37L
38	UFN09-38L	UFN10-38L
39	UFN09-39L	UFN10-39L
40	UFN09-40L	UFN10-40L
41	UFN09-41L	UFN10-41L
42	UFN09-42L	UFN10-42L
43	UFN09-43L	UFN10-43L
44	UFN09-44L	UFN10-44L
45	UFN09-45L	UFN10-45L
46	UFN09-46L	UFN10-46L

**Unreamed Femoral Nail (Right)
STAINLESS STEEL**

Length in cm.	Diameter	
	9 mm	10 mm
26	UFN09-26R	UFN10-26R
27	UFN09-27R	UFN10-27R
28	UFN09-28R	UFN10-28R
29	UFN09-29R	UFN10-29R
30	UFN09-30R	UFN10-30R
31	UFN09-31R	UFN10-31R
32	UFN09-32R	UFN10-32R
33	UFN09-33R	UFN10-33R
34	UFN09-34R	UFN10-34R
35	UFN09-35R	UFN10-35R
36	UFN09-36R	UFN10-36R
37	UFN09-37R	UFN10-37R
38	UFN09-38R	UFN10-38R
39	UFN09-39R	UFN10-39R
40	UFN09-40R	UFN10-40R
41	UFN09-41R	UFN10-41R
42	UFN09-42R	UFN10-42R
43	UFN09-43R	UFN10-43R
44	UFN09-44R	UFN10-44R
45	UFN09-45R	UFN10-45R
46	UFN09-46R	UFN10-46R



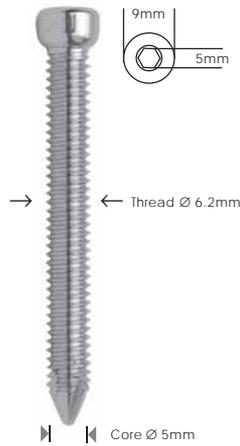
**Unreamed Femoral Nail (Left)
TITANIUM**

Length in cm.	Diameter	
	9 mm	10 mm
26	Ti-UFN09-26L	Ti-UFN10-26L
27	Ti-UFN09-27L	Ti-UFN10-27L
28	Ti-UFN09-28L	Ti-UFN10-28L
29	Ti-UFN09-29L	Ti-UFN10-29L
30	Ti-UFN09-30L	Ti-UFN10-30L
31	Ti-UFN09-31L	Ti-UFN10-31L
32	Ti-UFN09-32L	Ti-UFN10-32L
33	Ti-UFN09-33L	Ti-UFN10-33L
34	Ti-UFN09-34L	Ti-UFN10-34L
35	Ti-UFN09-35L	Ti-UFN10-35L
36	Ti-UFN09-36L	Ti-UFN10-36L
37	Ti-UFN09-37L	Ti-UFN10-37L
38	Ti-UFN09-38L	Ti-UFN10-38L
39	Ti-UFN09-39L	Ti-UFN10-39L
40	Ti-UFN09-40L	Ti-UFN10-40L
41	Ti-UFN09-41L	Ti-UFN10-41L
42	Ti-UFN09-42L	Ti-UFN10-42L
43	Ti-UFN09-43L	Ti-UFN10-43L
44	Ti-UFN09-44L	Ti-UFN10-44L
45	Ti-UFN09-45L	Ti-UFN10-45L
46	Ti-UFN09-46L	Ti-UFN10-46L

**Unreamed Femoral Nail (Right)
TITANIUM**

Length in cm.	Diameter	
	9 mm	10 mm
26	Ti-UFN09-26R	Ti-UFN10-26R
27	Ti-UFN09-27R	Ti-UFN10-27R
28	Ti-UFN09-28R	Ti-UFN10-28R
29	Ti-UFN09-29R	Ti-UFN10-29R
30	Ti-UFN09-30R	Ti-UFN10-30R
31	Ti-UFN09-31R	Ti-UFN10-31R
32	Ti-UFN09-32R	Ti-UFN10-32R
33	Ti-UFN09-33R	Ti-UFN10-33R
34	Ti-UFN09-34R	Ti-UFN10-34R
35	Ti-UFN09-35R	Ti-UFN10-35R
36	Ti-UFN09-36R	Ti-UFN10-36R
37	Ti-UFN09-37R	Ti-UFN10-37R
38	Ti-UFN09-38R	Ti-UFN10-38R
39	Ti-UFN09-39R	Ti-UFN10-39R
40	Ti-UFN09-40R	Ti-UFN10-40R
41	Ti-UFN09-41R	Ti-UFN10-41R
42	Ti-UFN09-42R	Ti-UFN10-42R
43	Ti-UFN09-43R	Ti-UFN10-43R
44	Ti-UFN09-44R	Ti-UFN10-44R
45	Ti-UFN09-45R	Ti-UFN10-45R
46	Ti-UFN09-46R	Ti-UFN10-46R

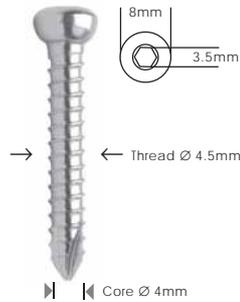
LOCKING BOLTS, DIA 6.2MM (SELF TAPPING)



Length in mm.	Codes	
	Stainless Steel	Titanium
50	046-50	Ti-046-50
55	046-55	Ti-046-55
60	046-60	Ti-046-60
65	046-65	Ti-046-65
70	046-70	Ti-046-70
75	046-75	Ti-046-75
80	046-80	Ti-046-80
85	046-85	Ti-046-85
90	046-90	Ti-046-90
95	046-95	Ti-046-95
100	046-100	Ti-046-100
105	046-105	Ti-046-105
110	046-110	Ti-046-110
115	046-115	Ti-046-115
120	046-120	Ti-046-120

Drill Bit : 5mm

LOCKING BOLTS, DIA 4.5MM (SELF TAPPING)



Length in mm.	Codes	
	Stainless Steel	Titanium
24	045-24	Ti-045-24
26	045-26	Ti-045-26
28	045-28	Ti-045-28
30	045-30	Ti-045-30
32	045-32	Ti-045-32
34	045-34	Ti-045-34
36	045-36	Ti-045-36
38	045-38	Ti-045-38
40	045-40	Ti-045-40
42	045-42	Ti-045-42
44	045-44	Ti-045-44
46	045-46	Ti-045-46
48	045-48	Ti-045-48
50	045-50	Ti-045-50
55	045-55	Ti-045-55
60	045-60	Ti-045-60
65	045-65	Ti-045-65
70	045-70	Ti-045-70
75	045-75	Ti-045-75
80	045-80	Ti-045-80
85	045-85	Ti-045-85
90	045-90	Ti-045-90
95	045-95	Ti-045-95
100	045-100	Ti-045-100
105	045-105	Ti-045-105
110	045-110	Ti-045-110
115	045-115	Ti-045-115
120	045-120	Ti-045-120

Drill Bit: 4mm

□ END CAP FOR MODIFIED TIBIAL & FEMORAL NAILS



End Cap for Modified Tibial Nails

	Stainless Steel	Titanium
Code No.	045-SS	045-Ti



End Cap for Modified Femoral Nails

	Stainless Steel	Titanium
Code No.	046-SS	046-Ti



Diamond Pointed Bone Awl for Femoral
Code No.: 507.01



Diamond Pointed Bone Awl for Tibia
Code No.: 208.15



Tissue Protector
Code No.: 507.02



Extractor- Impactor
Code No.: 507.41



Medullary Reamer
Code No.: 507.45



Flexible Reaming Shaft
Code No.: 507.03



Medullary Tube
Code No.: 507.04



Reaming Rod 3.0mm Dia.
Code No.: 507.05



Guide Rod / Reaming Rod Introducer
Code No.: 507.07



Guide Rod 3.0mm Dia.
Code No.: 507.08



Depth Guage (Extra Large)
Code No.: 507.16



Freehand Aiming Device for Distal Locking
Code No.: 507.14



Insertion Handle (Proximal Jig)
Code No.: 507.42



Nail Holding Bolt
Code No.: 507.52



Drill Bits, Ø 3.5mm x 250mm, Straight Shank, with Trocar End
Code No.: 507.55



Drill Bits, Ø 5.0mm x 250mm, Straight Shank, with Trocar End
Code No.: 507.56



Tibial Protection Sleeve 8.0mm(ID), 10mm(OD)
Code No.: 507.61



Femoral Protection Sleeve, 9.0mm(ID), 10mm(OD)
Code No.: 507.62



Tibial Drill Sleeve, 3.5mm(ID), 8mm(OD)
Code No.: 507.64



Femoral Drill Sleeve, 5.0mm(ID), 9mm(OD)
Code No.: 507.66



Extra Large Hexagonal Screw Driver - 3.5mm Tip
Code No.: 208.10



Spanner 14mm, S.S.
Code No.: 507.67



**Extra Large Hexagonal Screw Driver (T-Type)
for 6.2mm Locking Bolt**
Code No.: 208.16

□ INSTRUMENTS SET FOR MODIFIED TIBIAL & FEMORAL NAILS



INSTRUMENTS SET FOR MODIFIED TIBIAL & FEMORAL NAILS, S.S.
Code No.: IS060

<i>Set Consisting of:</i>		Units
507.01	Diamond Pointed Bone Awl for Femoral	1
208.15	Diamond Pointed Bone Awl for Tibia	1
507.02	Tissue Protector	1
507.038	Flexible Reaming Shaft with Fixed Reamer, Dia. 8.0mm.	1
507.03	Flexible Reamer Shaft only (For Reamer Heads 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm.)	1
507.23	Flexible Reamer Shaft only (For Reamer Heads 13.5, 14, 14.5, 15mm.)	1
507.45	Reamer Heads (Medullary), 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm, Set of 9 pieces	1 Set
507.46	Reamer Heads (Medullary), 13.5, 14, 14.5, 15mm, Set of 4 pieces	1 Set
507.04	Medullary Tube	1
507.05	Reaming Rod 3.0mm Dia	1
507.07	Guide Rod / Reaming Rod Introducer	1
507.08	Guide Rod 3.0mm Dia	1
507.41	Extractor - Impactor	1
507.61	Tibial Protection Sleeve 8mm (ID.), 10mm (OD.)	1
507.62	Femoral Protection Sleeve 9mm (ID.), 10mm (OD.)	1
507.64	Tibial Drill Sleeve 3.5mm (ID.), 8mm (OD.)	1
507.66	Femoral Drill Sleeve 5mm (ID.), 9mm (OD.)	1
507.42	Insertion Handle (Proximal Jig)	1
507.52	Nail Holding Bolt	1
507.55	Drill Bit, Dia 3.5mm x 250mm, Straight Shank, with Trocar End	2
507.56	Drill Bit, Dia 5.0mm x 250mm, Straight Shank, with Trocar End	1
208.10	Extra Large Hexagonal Screw Driver 3.5mm Tip	1
208.16	Extra Large Hexagonal Screw Driver (T-Type)	1
507.14	Freehand Aiming Device for Distal Locking	1
507.16	Depth Guage (Extra Large)	1
507.67	Spanner 14mm, S.S.	1
400.040	S.S.Container with Tray	1 set



XL Tibial Nails (Standard Holes) STAINLESS STEEL

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	XLT09-26	XLT10-26	XLT11-26	XLT12-26	XLT13-26	XLT14-26
27	XLT09-27	XLT10-27	XLT11-27	XLT12-27	XLT13-27	XLT14-27
28	XLT09-28	XLT10-28	XLT11-28	XLT12-28	XLT13-28	XLT14-28
29	XLT09-29	XLT10-29	XLT11-29	XLT12-29	XLT13-29	XLT14-29
30	XLT09-30	XLT10-30	XLT11-30	XLT12-30	XLT13-30	XLT14-30
31	XLT09-31	XLT10-31	XLT11-31	XLT12-31	XLT13-31	XLT14-31
32	XLT09-32	XLT10-32	XLT11-32	XLT12-32	XLT13-32	XLT14-32
33	XLT09-33	XLT10-33	XLT11-33	XLT12-33	XLT13-33	XLT14-33
34	XLT09-34	XLT10-34	XLT11-34	XLT12-34	XLT13-34	XLT14-34
35	XLT09-35	XLT10-35	XLT11-35	XLT12-35	XLT13-35	XLT14-35
36	XLT09-36	XLT10-36	XLT11-36	XLT12-36	XLT13-36	XLT14-36
37	XLT09-37	XLT10-37	XLT11-37	XLT12-37	XLT13-37	XLT14-37
38	XLT09-38	XLT10-38	XLT11-38	XLT12-38	XLT13-38	XLT14-38
39	XLT09-39	XLT10-39	XLT11-39	XLT12-39	XLT13-39	XLT14-39
40	XLT09-40	XLT10-40	XLT11-40	XLT12-40	XLT13-40	XLT14-40
41	XLT09-41	XLT10-41	XLT11-41	XLT12-41	XLT13-41	XLT14-41
42	XLT09-42	XLT10-42	XLT11-42	XLT12-42	XLT13-42	XLT14-42
43	XLT09-43	XLT10-43	XLT11-43	XLT12-43	XLT13-43	XLT14-43
44	XLT09-44	XLT10-44	XLT11-44	XLT12-44	XLT13-44	XLT14-44

XL Tibial Nails (Standard Holes) TITANIUM

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	Ti-XLT09-26	Ti-XLT10-26	Ti-XLT11-26	Ti-XLT12-26	Ti-XLT13-26	Ti-XLT14-26
27	Ti-XLT09-27	Ti-XLT10-27	Ti-XLT11-27	Ti-XLT12-27	Ti-XLT13-27	Ti-XLT14-27
28	Ti-XLT09-28	Ti-XLT10-28	Ti-XLT11-28	Ti-XLT12-28	Ti-XLT13-28	Ti-XLT14-28
29	Ti-XLT09-29	Ti-XLT10-29	Ti-XLT11-29	Ti-XLT12-29	Ti-XLT13-29	Ti-XLT14-29
30	Ti-XLT09-30	Ti-XLT10-30	Ti-XLT11-30	Ti-XLT12-30	Ti-XLT13-30	Ti-XLT14-30
31	Ti-XLT09-31	Ti-XLT10-31	Ti-XLT11-31	Ti-XLT12-31	Ti-XLT13-31	Ti-XLT14-31
32	Ti-XLT09-32	Ti-XLT10-32	Ti-XLT11-32	Ti-XLT12-32	Ti-XLT13-32	Ti-XLT14-32
33	Ti-XLT09-33	Ti-XLT10-33	Ti-XLT11-33	Ti-XLT12-33	Ti-XLT13-33	Ti-XLT14-33
34	Ti-XLT09-34	Ti-XLT10-34	Ti-XLT11-34	Ti-XLT12-34	Ti-XLT13-34	Ti-XLT14-34
35	Ti-XLT09-35	Ti-XLT10-35	Ti-XLT11-35	Ti-XLT12-35	Ti-XLT13-35	Ti-XLT14-35
36	Ti-XLT09-36	Ti-XLT10-36	Ti-XLT11-36	Ti-XLT12-36	Ti-XLT13-36	Ti-XLT14-36
37	Ti-XLT09-37	Ti-XLT10-37	Ti-XLT11-37	Ti-XLT12-37	Ti-XLT13-37	Ti-XLT14-37
38	Ti-XLT09-38	Ti-XLT10-38	Ti-XLT11-38	Ti-XLT12-38	Ti-XLT13-38	Ti-XLT14-38
39	Ti-XLT09-39	Ti-XLT10-39	Ti-XLT11-39	Ti-XLT12-39	Ti-XLT13-39	Ti-XLT14-39
40	Ti-XLT09-40	Ti-XLT10-40	Ti-XLT11-40	Ti-XLT12-40	Ti-XLT13-40	Ti-XLT14-40
41	Ti-XLT09-41	Ti-XLT10-41	Ti-XLT11-41	Ti-XLT12-41	Ti-XLT13-41	Ti-XLT14-41
42	Ti-XLT09-42	Ti-XLT10-42	Ti-XLT11-42	Ti-XLT12-42	Ti-XLT13-42	Ti-XLT14-42
43	Ti-XLT09-43	Ti-XLT10-43	Ti-XLT11-43	Ti-XLT12-43	Ti-XLT13-43	Ti-XLT14-43
44	Ti-XLT09-44	Ti-XLT10-44	Ti-XLT11-44	Ti-XLT12-44	Ti-XLT13-44	Ti-XLT14-44



**XL Tibial Nail, Lower End Hole
 STAINLESS STEEL**

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	XL-LT09-26	XL-LT10-26	XL-LT11-26	XL-LT12-26	XL-LT13-26	XL-LT14-26
27	XL-LT09-27	XL-LT10-27	XL-LT11-27	XL-LT12-27	XL-LT13-27	XL-LT14-27
28	XL-LT09-28	XL-LT10-28	XL-LT11-28	XL-LT12-28	XL-LT13-28	XL-LT14-28
29	XL-LT09-29	XL-LT10-29	XL-LT11-29	XL-LT12-29	XL-LT13-29	XL-LT14-29
30	XL-LT09-30	XL-LT10-30	XL-LT11-30	XL-LT12-30	XL-LT13-30	XL-LT14-30
31	XL-LT09-31	XL-LT10-31	XL-LT11-31	XL-LT12-31	XL-LT13-31	XL-LT14-31
32	XL-LT09-32	XL-LT10-32	XL-LT11-32	XL-LT12-32	XL-LT13-32	XL-LT14-32
33	XL-LT09-33	XL-LT10-33	XL-LT11-33	XL-LT12-33	XL-LT13-33	XL-LT14-33
34	XL-LT09-34	XL-LT10-34	XL-LT11-34	XL-LT12-34	XL-LT13-34	XL-LT14-34
35	XL-LT09-35	XL-LT10-35	XL-LT11-35	XL-LT12-35	XL-LT13-35	XL-LT14-35
36	XL-LT09-36	XL-LT10-36	XL-LT11-36	XL-LT12-36	XL-LT13-36	XL-LT14-36
37	XL-LT09-37	XL-LT10-37	XL-LT11-37	XL-LT12-37	XL-LT13-37	XL-LT14-37
38	XL-LT09-38	XL-LT10-38	XL-LT11-38	XL-LT12-38	XL-LT13-38	XL-LT14-38
39	XL-LT09-39	XL-LT10-39	XL-LT11-39	XL-LT12-39	XL-LT13-39	XL-LT14-39
40	XL-LT09-40	XL-LT10-40	XL-LT11-40	XL-LT12-40	XL-LT13-40	XL-LT14-40
41	XL-LT09-41	XL-LT10-41	XL-LT11-41	XL-LT12-41	XL-LT13-41	XL-LT14-41
42	XL-LT09-42	XL-LT10-42	XL-LT11-42	XL-LT12-42	XL-LT13-42	XL-LT14-42
43	XL-LT09-43	XL-LT10-43	XL-LT11-43	XL-LT12-43	XL-LT13-43	XL-LT14-43
44	XL-LT09-44	XL-LT10-44	XL-LT11-44	XL-LT12-44	XL-LT13-44	XL-LT14-44



**XL Tibial Nail, Lower End Hole
 TITANIUM**

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
26	Ti-XL-LT09-26	Ti-XL-LT10-26	Ti-XL-LT11-26	Ti-XL-LT12-26	Ti-XL-LT13-26	Ti-XL-LT14-26
27	Ti-XL-LT09-27	Ti-XL-LT10-27	Ti-XL-LT11-27	Ti-XL-LT12-27	Ti-XL-LT13-27	Ti-XL-LT14-27
28	Ti-XL-LT09-28	Ti-XL-LT10-28	Ti-XL-LT11-28	Ti-XL-LT12-28	Ti-XL-LT13-28	Ti-XL-LT14-28
29	Ti-XL-LT09-29	Ti-XL-LT10-29	Ti-XL-LT11-29	Ti-XL-LT12-29	Ti-XL-LT13-29	Ti-XL-LT14-29
30	Ti-XL-LT09-30	Ti-XL-LT10-30	Ti-XL-LT11-30	Ti-XL-LT12-30	Ti-XL-LT13-30	Ti-XL-LT14-30
31	Ti-XL-LT09-31	Ti-XL-LT10-31	Ti-XL-LT11-31	Ti-XL-LT12-31	Ti-XL-LT13-31	Ti-XL-LT14-31
32	Ti-XL-LT09-32	Ti-XL-LT10-32	Ti-XL-LT11-32	Ti-XL-LT12-32	Ti-XL-LT13-32	Ti-XL-LT14-32
33	Ti-XL-LT09-33	Ti-XL-LT10-33	Ti-XL-LT11-33	Ti-XL-LT12-33	Ti-XL-LT13-33	Ti-XL-LT14-33
34	Ti-XL-LT09-34	Ti-XL-LT10-34	Ti-XL-LT11-34	Ti-XL-LT12-34	Ti-XL-LT13-34	Ti-XL-LT14-34
35	Ti-XL-LT09-35	Ti-XL-LT10-35	Ti-XL-LT11-35	Ti-XL-LT12-35	Ti-XL-LT13-35	Ti-XL-LT14-35
36	Ti-XL-LT09-36	Ti-XL-LT10-36	Ti-XL-LT11-36	Ti-XL-LT12-36	Ti-XL-LT13-36	Ti-XL-LT14-36
37	Ti-XL-LT09-37	Ti-XL-LT10-37	Ti-XL-LT11-37	Ti-XL-LT12-37	Ti-XL-LT13-37	Ti-XL-LT14-37
38	Ti-XL-LT09-38	Ti-XL-LT10-38	Ti-XL-LT11-38	Ti-XL-LT12-38	Ti-XL-LT13-38	Ti-XL-LT14-38
39	Ti-XL-LT09-39	Ti-XL-LT10-39	Ti-XL-LT11-39	Ti-XL-LT12-39	Ti-XL-LT13-39	Ti-XL-LT14-39
40	Ti-XL-LT09-40	Ti-XL-LT10-40	Ti-XL-LT11-40	Ti-XL-LT12-40	Ti-XL-LT13-40	Ti-XL-LT14-40
41	Ti-XL-LT09-41	Ti-XL-LT10-41	Ti-XL-LT11-41	Ti-XL-LT12-41	Ti-XL-LT13-41	Ti-XL-LT14-41
42	Ti-XL-LT09-42	Ti-XL-LT10-42	Ti-XL-LT11-42	Ti-XL-LT12-42	Ti-XL-LT13-42	Ti-XL-LT14-42
43	Ti-XL-LT09-43	Ti-XL-LT10-43	Ti-XL-LT11-43	Ti-XL-LT12-43	Ti-XL-LT13-43	Ti-XL-LT14-43
44	Ti-XL-LT09-44	Ti-XL-LT10-44	Ti-XL-LT11-44	Ti-XL-LT12-44	Ti-XL-LT13-44	Ti-XL-LT14-44



Proximal Hole Lateral to Medial for 6mm Locking Bolt

2 Distal Holes Lateral to Medial for 4.5mm Locking Bolts

XL Universal Femoral Nails STAINLESS STEEL

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	XLF09-32U	XLF10-32U	XLF11-32U	XLF12-32U	XLF13-32U	XLF14-32U
33	XLF09-33U	XLF10-33U	XLF11-33U	XLF12-33U	XLF13-33U	XLF14-33U
34	XLF09-34U	XLF10-34U	XLF11-34U	XLF12-34U	XLF13-34U	XLF14-34U
35	XLF09-35U	XLF10-35U	XLF11-35U	XLF12-35U	XLF13-35U	XLF14-35U
36	XLF09-36U	XLF10-36U	XLF11-36U	XLF12-36U	XLF13-36U	XLF14-36U
37	XLF09-37U	XLF10-37U	XLF11-37U	XLF12-37U	XLF13-37U	XLF14-37U
38	XLF09-38U	XLF10-38U	XLF11-38U	XLF12-38U	XLF13-38U	XLF14-38U
39	XLF09-39U	XLF10-39U	XLF11-39U	XLF12-39U	XLF13-39U	XLF14-39U
40	XLF09-40U	XLF10-40U	XLF11-40U	XLF12-40U	XLF13-40U	XLF14-40U
41	XLF09-41U	XLF10-41U	XLF11-41U	XLF12-41U	XLF13-41U	XLF14-41U
42	XLF09-42U	XLF10-42U	XLF11-42U	XLF12-42U	XLF13-42U	XLF14-42U
43	XLF09-43U	XLF10-43U	XLF11-43U	XLF12-43U	XLF13-43U	XLF14-43U
44	XLF09-44U	XLF10-44U	XLF11-44U	XLF12-44U	XLF13-44U	XLF14-44U
45	XLF09-45U	XLF10-45U	XLF11-45U	XLF12-45U	XLF13-45U	XLF14-45U
46	XLF09-46U	XLF10-46U	XLF11-46U	XLF12-46U	XLF13-46U	XLF14-46U



All Assembly Instruments to be Ordered Separately

XL Universal Femoral Nails TITANIUM

Length in cm.	Diameter					
	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm
32	Ti-XLF09-32U	Ti-XLF10-32U	Ti-XLF11-32U	Ti-XLF12-32U	Ti-XLF13-32U	Ti-XLF14-32U
33	Ti-XLF09-33U	Ti-XLF10-33U	Ti-XLF11-33U	Ti-XLF12-33U	Ti-XLF13-33U	Ti-XLF14-33U
34	Ti-XLF09-34U	Ti-XLF10-34U	Ti-XLF11-34U	Ti-XLF12-34U	Ti-XLF13-34U	Ti-XLF14-34U
35	Ti-XLF09-35U	Ti-XLF10-35U	Ti-XLF11-35U	Ti-XLF12-35U	Ti-XLF13-35U	Ti-XLF14-35U
36	Ti-XLF09-36U	Ti-XLF10-36U	Ti-XLF11-36U	Ti-XLF12-36U	Ti-XLF13-36U	Ti-XLF14-36U
37	Ti-XLF09-37U	Ti-XLF10-37U	Ti-XLF11-37U	Ti-XLF12-37U	Ti-XLF13-37U	Ti-XLF14-37U
38	Ti-XLF09-38U	Ti-XLF10-38U	Ti-XLF11-38U	Ti-XLF12-38U	Ti-XLF13-38U	Ti-XLF14-38U
39	Ti-XLF09-39U	Ti-XLF10-39U	Ti-XLF11-39U	Ti-XLF12-39U	Ti-XLF13-39U	Ti-XLF14-39U
40	Ti-XLF09-40U	Ti-XLF10-40U	Ti-XLF11-40U	Ti-XLF12-40U	Ti-XLF13-40U	Ti-XLF14-40U
41	Ti-XLF09-41U	Ti-XLF10-41U	Ti-XLF11-41U	Ti-XLF12-41U	Ti-XLF13-41U	Ti-XLF14-41U
42	Ti-XLF09-42U	Ti-XLF10-42U	Ti-XLF11-42U	Ti-XLF12-42U	Ti-XLF13-42U	Ti-XLF14-42U
43	Ti-XLF09-43U	Ti-XLF10-43U	Ti-XLF11-43U	Ti-XLF12-43U	Ti-XLF13-43U	Ti-XLF14-43U
44	Ti-XLF09-44U	Ti-XLF10-44U	Ti-XLF11-44U	Ti-XLF12-44U	Ti-XLF13-44U	Ti-XLF14-44U
45	Ti-XLF09-45U	Ti-XLF10-45U	Ti-XLF11-45U	Ti-XLF12-45U	Ti-XLF13-45U	Ti-XLF14-45U
46	Ti-XLF09-46U	Ti-XLF10-46U	Ti-XLF11-46U	Ti-XLF12-46U	Ti-XLF13-46U	Ti-XLF14-46U



**XL Unreamed Tibial Nail, Standard Holes (XL-UTN)
 STAINLESS STEEL**

Length in cm.	Diameter	
	8 mm	9 mm
26	XLUTN08-26	XLUTN09-26
27	XLUTN08-27	XLUTN09-27
28	XLUTN08-28	XLUTN09-28
29	XLUTN08-29	XLUTN09-29
30	XLUTN08-30	XLUTN09-30
31	XLUTN08-31	XLUTN09-31
32	XLUTN08-32	XLUTN09-32
33	XLUTN08-33	XLUTN09-33
34	XLUTN08-34	XLUTN09-34
35	XLUTN08-35	XLUTN09-35
36	XLUTN08-36	XLUTN09-36
37	XLUTN08-37	XLUTN09-37
38	XLUTN08-38	XLUTN09-38
39	XLUTN08-39	XLUTN09-39
40	XLUTN08-40	XLUTN09-40
41	XLUTN08-41	XLUTN09-41
42	XLUTN08-42	XLUTN09-42
43	XLUTN08-43	XLUTN09-43
44	XLUTN08-44	XLUTN09-44

**XL Unreamed Tibial Nail, Standard Holes (XL-UTN)
 TITANIUM**

Length in cm.	Diameter	
	8 mm	9 mm
26	Ti-XLUTN08-26	Ti-XLUTN09-26
27	Ti-XLUTN08-27	Ti-XLUTN09-27
28	Ti-XLUTN08-28	Ti-XLUTN09-28
29	Ti-XLUTN08-29	Ti-XLUTN09-29
30	Ti-XLUTN08-30	Ti-XLUTN09-30
31	Ti-XLUTN08-31	Ti-XLUTN09-31
32	Ti-XLUTN08-32	Ti-XLUTN09-32
33	Ti-XLUTN08-33	Ti-XLUTN09-33
34	Ti-XLUTN08-34	Ti-XLUTN09-34
35	Ti-XLUTN08-35	Ti-XLUTN09-35
36	Ti-XLUTN08-36	Ti-XLUTN09-36
37	Ti-XLUTN08-37	Ti-XLUTN09-37
38	Ti-XLUTN08-38	Ti-XLUTN09-38
39	Ti-XLUTN08-39	Ti-XLUTN09-39
40	Ti-XLUTN08-40	Ti-XLUTN09-40
41	Ti-XLUTN08-41	Ti-XLUTN09-41
42	Ti-XLUTN08-42	Ti-XLUTN09-42
43	Ti-XLUTN08-43	Ti-XLUTN09-43
44	Ti-XLUTN08-44	Ti-XLUTN09-44



**XL Unreamed Tibial Nail, Lower End (XL-UTN-LE)
 STAINLESS STEEL**

Length in cm.	Diameter	
	8 mm	9 mm
26	XLUTL08-26	XLUTL09-26
27	XLUTL08-27	XLUTL09-27
28	XLUTL08-28	XLUTL09-28
29	XLUTL08-29	XLUTL09-29
30	XLUTL08-30	XLUTL09-30
31	XLUTL08-31	XLUTL09-31
32	XLUTL08-32	XLUTL09-32
33	XLUTL08-33	XLUTL09-33
34	XLUTL08-34	XLUTL09-34
35	XLUTL08-35	XLUTL09-35
36	XLUTL08-36	XLUTL09-36
37	XLUTL08-37	XLUTL09-37
38	XLUTL08-38	XLUTL09-38
39	XLUTL08-39	XLUTL09-39
40	XLUTL08-40	XLUTL09-40
41	XLUTL08-41	XLUTL09-41
42	XLUTL08-42	XLUTL09-42
43	XLUTL08-43	XLUTL09-43
44	XLUTL08-44	XLUTL09-44

**XL Unreamed Tibial Nail, Lower End (XL-UTN-LE)
 TITANIUM**

Length in cm.	Diameter	
	8 mm	9 mm
26	Ti-XLUTL08-26	Ti-XLUTL09-26
27	Ti-XLUTL08-27	Ti-XLUTL09-27
28	Ti-XLUTL08-28	Ti-XLUTL09-28
29	Ti-XLUTL08-29	Ti-XLUTL09-29
30	Ti-XLUTL08-30	Ti-XLUTL09-30
31	Ti-XLUTL08-31	Ti-XLUTL09-31
32	Ti-XLUTL08-32	Ti-XLUTL09-32
33	Ti-XLUTL08-33	Ti-XLUTL09-33
34	Ti-XLUTL08-34	Ti-XLUTL09-34
35	Ti-XLUTL08-35	Ti-XLUTL09-35
36	Ti-XLUTL08-36	Ti-XLUTL09-36
37	Ti-XLUTL08-37	Ti-XLUTL09-37
38	Ti-XLUTL08-38	Ti-XLUTL09-38
39	Ti-XLUTL08-39	Ti-XLUTL09-39
40	Ti-XLUTL08-40	Ti-XLUTL09-40
41	Ti-XLUTL08-41	Ti-XLUTL09-41
42	Ti-XLUTL08-42	Ti-XLUTL09-42
43	Ti-XLUTL08-43	Ti-XLUTL09-43
44	Ti-XLUTL08-44	Ti-XLUTL09-44



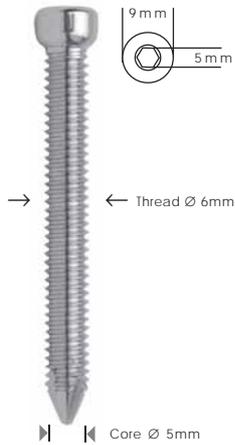
XL Universal Unreamed Femoral Nail STAINLESS STEEL

Length in cm.	Diameter	
	9 mm	10 mm
26	XLUFN09-26U	XLUFN10-26U
27	XLUFN09-27U	XLUFN10-27U
28	XLUFN09-28U	XLUFN10-28U
29	XLUFN09-29U	XLUFN10-29U
30	XLUFN09-30U	XLUFN10-30U
31	XLUFN09-31U	XLUFN10-31U
32	XLUFN09-32U	XLUFN10-32U
33	XLUFN09-33U	XLUFN10-33U
34	XLUFN09-34U	XLUFN10-34U
35	XLUFN09-35U	XLUFN10-35U
36	XLUFN09-36U	XLUFN10-36U
37	XLUFN09-37U	XLUFN10-37U
38	XLUFN09-38U	XLUFN10-38U
39	XLUFN09-39U	XLUFN10-39U
40	XLUFN09-40U	XLUFN10-40U
41	XLUFN09-41U	XLUFN10-41U
42	XLUFN09-42U	XLUFN10-42U
43	XLUFN09-43U	XLUFN10-43U
44	XLUFN09-44U	XLUFN10-44U

XL Universal Unreamed Femoral Nail TITANIUM

Length in cm.	Diameter	
	9 mm	10 mm
26	Ti-XLUFN09-26U	Ti-XLUFN10-26U
27	Ti-XLUFN09-27U	Ti-XLUFN10-27U
28	Ti-XLUFN09-28U	Ti-XLUFN10-28U
29	Ti-XLUFN09-29U	Ti-XLUFN10-29U
30	Ti-XLUFN09-30U	Ti-XLUFN10-30U
31	Ti-XLUFN09-31U	Ti-XLUFN10-31U
32	Ti-XLUFN09-32U	Ti-XLUFN10-32U
33	Ti-XLUFN09-33U	Ti-XLUFN10-33U
34	Ti-XLUFN09-34U	Ti-XLUFN10-34U
35	Ti-XLUFN09-35U	Ti-XLUFN10-35U
36	Ti-XLUFN09-36U	Ti-XLUFN10-36U
37	Ti-XLUFN09-37U	Ti-XLUFN10-37U
38	Ti-XLUFN09-38U	Ti-XLUFN10-38U
39	Ti-XLUFN09-39U	Ti-XLUFN10-39U
40	Ti-XLUFN09-40U	Ti-XLUFN10-40U
41	Ti-XLUFN09-41U	Ti-XLUFN10-41U
42	Ti-XLUFN09-42U	Ti-XLUFN10-42U
43	Ti-XLUFN09-43U	Ti-XLUFN10-43U
44	Ti-XLUFN09-44U	Ti-XLUFN10-44U

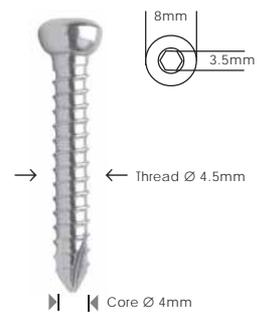
LOCKING BOLTS, DIA 6MM (SELF TAPPING)



Length in mm.	Codes	
	Stainless Steel	Titanium
50	050-50	Ti-050-50
55	050-55	Ti-050-55
60	050-60	Ti-050-60
65	050-65	Ti-050-65
70	050-70	Ti-050-70
75	050-75	Ti-050-75
80	050-80	Ti-050-80
85	050-85	Ti-050-85
90	050-90	Ti-050-90
95	050-95	Ti-050-95
100	050-100	Ti-050-100
105	050-105	Ti-050-105
110	050-110	Ti-050-110
115	050-115	Ti-050-115
120	050-120	Ti-050-120

Drill Bit : 5mm

LOCKING BOLTS, DIA 4.5MM (SELF TAPPING)



Code Nos. on Page - 18.

□ END CAPS FOR XL TIBIAL & FEMORAL NAILS



End Cap for XL Tibial Nails

	Stainless Steel	Titanium
Code No.	XLT-045-SS	XLT-045-Ti



End Cap for XL Femoral Nails

	Stainless Steel	Titanium
Code No.	XLF-046-SS	XLF-046-Ti

□ INSTRUMENTS SET FOR
XL TIBIAL & FEMORAL NAILS



INSTRUMENTS SET FOR XL TIBIAL & XL UNIVERSAL FEMORAL NAILS, S.S.
Code No.: IS070

<i>Set Consisting of:</i>		Units
507.01	Diamond Pointed Bone Awl for Femoral	1
208.15	Diamond Pointed Bone Awl for Tibia	1
507.02	Tissue Protector	1
507.038	Flexible Reaming Shaft with Fixed Reamer, Dia. 8.0mm.	1
507.03	Flexible Reamer Shaft only (For Reamer Heads 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm.)	1
507.23	Flexible Reamer Shaft only (For Reamer Heads 13.5, 14, 14.5, 15mm.)	1
507.45	Reamer Heads (Medullary), 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm, Set of 9 pieces	1 Set
507.46	Reamer Heads (Medullary), 13.5, 14, 14.5, 15mm, Set of 4 pieces	1 Set
507.04	Medullary Tube	1
507.05	Reaming Rod 3.0mm Dia	1
507.07	Guide Rod / Reaming Rod Introducer	1
507.08	Guide Rod 3.0mm Dia	1
507.83	Extractor - Impactor	1
507.61	Tibial Protection Sleeve 8mm (ID.), 10mm (OD.)	1
507.62	Femoral Protection Sleeve 9mm (ID.), 10mm (OD.)	1
507.64	Tibial Drill Sleeve 3.5mm (ID.), 8mm (OD.)	1
507.66	Femoral Drill Sleeve 5mm (ID.), 9mm (OD.)	1
507.90	Proximal Jig for XL Tibial Nail	1
507.91	Proximal Jig for XL Femoral Nail	1
507.92	Nail Holding Bolt for XL Tibial Nail	1
507.93	Nail Holding Bolt for XL Femoral Nail	1
507.55	Drill Bit, Dia 3.5mm x 250mm, Straight Shank, with Trocar End	2
507.56	Drill Bit, Dia 5.0mm x 250mm, Straight Shank, with Trocar End	1
208.10	Extra Large Hexagonal Screw Driver 3.5mm Tip	1
208.16	Extra Large Hexagonal Screw Driver (T-Type)	1
507.14	Freehand Aiming Device for Distal Locking	1
507.15	Hammering Device	1
507.16	Depth Gauge (Extra Large)	1
507.017	Spanner 17mm, S.S.	1
400.040	S.S.Container with Tray	1 set



Diamond Pointed Bone Awl for Femoral
Code No.: 507.01



Diamond Pointed Bone Awl for Tibia
Code No.: 208.15



Tissue Protector
Code No.: 507.02



Extractor- Impactor
Code No.: 507.83



Medullary Reamer
Code No.: 507.45



Flexible Reaming Shaft
Code No.: 507.03



**Extra Large Hexagonal Screw Driver (T-Type)
for 6.2mm Locking Bolt**
Code No.: 208.16



Medullary Tube
Code No.: 507.04



Guide Rod / Reaming Rod Introducer
Code No.: 507.07



Reaming Rod 3.0mm Dia.
Code No.: 507.05



Guide Rod 3.0mm Dia.
Code No.: 507.08



Depth Gauge (Extra Large)
Code No.: 507.16



Freehand Aiming Device for Distal Locking
Code No.: 507.14



Proximal Jig for XL Tibial Nail
Code No.: 507.90



Proximal Jig for XL Femoral Nail
Code No.: 507.91



Nail Holding Bolt for XL Tibial Nail
Code No.: 507.92



Nail Holding Bolt for XL Femoral Nail
Code No.: 507.93



Hammering Device
Code No.: 507.15



Drill Bits, Ø 3.5mm x 250mm, Straight Shank, with Trocar End
Code No.: 507.55



Drill Bits, Ø 5.0mm x 250mm, Straight Shank, with Trocar End
Code No.: 507.56



Tibial Protection Sleeve 8.0mm(ID), 10mm(OD)
Code No.: 507.61



Femoral Protection Sleeve, 9.0mm(ID), 10mm(OD)
Code No.: 507.62



Tibial Drill Sleeve, 3.5mm(ID), 8mm(OD)
Code No.: 507.64



Femoral Drill Sleeve, 5.0mm(ID), 9mm(OD)
Code No.: 507.66



Extra Large Hexagonal Screw Driver - 3.5mm Tip
Code No.: 208.10



Spanner 17mm, S.S.
Code No.: 507.017





Proximal Femoral Nails (PFN Nails) STAINLESS STEEL

Code No.	Dia. mm	Length cm
PFN09-25	9	25
PFN10-25	10	25
PFN11-25	11	25
PFN12-25	12	25
PFN09-30	9	30
PFN10-30	10	30
PFN11-30	11	30
PFN12-30	12	30

Proximal Femoral Nails (PFN Nails) TITANIUM

Code No.	Dia. mm	Length cm
Ti-PFN09-25	9	25
Ti-PFN10-25	10	25
Ti-PFN11-25	11	25
Ti-PFN12-25	12	25
Ti-PFN09-30	9	30
Ti-PFN10-30	10	30
Ti-PFN11-30	11	30
Ti-PFN12-30	12	30



Recon Nail

Recon Nail (Left) STAINLESS STEEL

Length in cm.	Diameter			
	9 mm	10 mm	11 mm	12 mm
34	RN09-34L	RN10-34L	RN11-34L	RN12-34L
36	RN09-36L	RN10-36L	RN11-36L	RN12-36L
38	RN09-38L	RN10-38L	RN11-38L	RN12-38L
40	RN09-40L	RN10-40L	RN11-40L	RN12-40L
42	RN09-42L	RN10-42L	RN11-42L	RN12-42L
44	RN09-44L	RN10-44L	RN11-44L	RN12-44L
46	RN09-46L	RN10-46L	RN11-46L	RN12-46L

Recon Nail (Left) TITANIUM

Length in cm.	Diameter			
	9 mm	10 mm	11 mm	12 mm
34	Ti-RN09-34L	Ti-RN10-34L	Ti-RN11-34L	Ti-RN12-34L
36	Ti-RN09-36L	Ti-RN10-36L	Ti-RN11-36L	Ti-RN12-36L
38	Ti-RN09-38L	Ti-RN10-38L	Ti-RN11-38L	Ti-RN12-38L
40	Ti-RN09-40L	Ti-RN10-40L	Ti-RN11-40L	Ti-RN12-40L
42	Ti-RN09-42L	Ti-RN10-42L	Ti-RN11-42L	Ti-RN12-42L
44	Ti-RN09-44L	Ti-RN10-44L	Ti-RN11-44L	Ti-RN12-44L
46	Ti-RN09-46L	Ti-RN10-46L	Ti-RN11-46L	Ti-RN12-46L

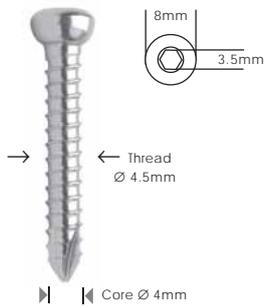
Recon Nail (Right) STAINLESS STEEL

Length in cm.	Diameter			
	9 mm	10 mm	11 mm	12 mm
34	RN09-34R	RN10-34R	RN11-34R	RN12-34R
36	RN09-36R	RN10-36R	RN11-36R	RN12-36R
38	RN09-38R	RN10-38R	RN11-38R	RN12-38R
40	RN09-40R	RN10-40R	RN11-40R	RN12-40R
42	RN09-42R	RN10-42R	RN11-42R	RN12-42R
44	RN09-44R	RN10-44R	RN11-44R	RN12-44R
46	RN09-46R	RN10-46R	RN11-46R	RN12-46R

Recon Nail (Right) TITANIUM

Length in cm.	Diameter			
	9 mm	10 mm	11 mm	12 mm
34	Ti-RN09-34R	Ti-RN10-34R	Ti-RN11-34R	Ti-RN12-34R
36	Ti-RN09-36R	Ti-RN10-36R	Ti-RN11-36R	Ti-RN12-36R
38	Ti-RN09-38R	Ti-RN10-38R	Ti-RN11-38R	Ti-RN12-38R
40	Ti-RN09-40R	Ti-RN10-40R	Ti-RN11-40R	Ti-RN12-40R
42	Ti-RN09-42R	Ti-RN10-42R	Ti-RN11-42R	Ti-RN12-42R
44	Ti-RN09-44R	Ti-RN10-44R	Ti-RN11-44R	Ti-RN12-44R
46	Ti-RN09-46R	Ti-RN10-46R	Ti-RN11-46R	Ti-RN12-46R

**LOCKING BOLT,
DIA 4.5MM
(SELF TAPPING)**



Length in mm.	Codes	
	Stainless Steel	Titanium
24	045-24	Ti-045-24
26	045-26	Ti-045-26
28	045-28	Ti-045-28
30	045-30	Ti-045-30
32	045-32	Ti-045-32
34	045-34	Ti-045-34
36	045-36	Ti-045-36
38	045-38	Ti-045-38
40	045-40	Ti-045-40
42	045-42	Ti-045-42
44	045-44	Ti-045-44
46	045-46	Ti-045-46
48	045-48	Ti-045-48
50	045-50	Ti-045-50
55	045-55	Ti-045-55
60	045-60	Ti-045-60
65	045-65	Ti-045-65
70	045-70	Ti-045-70
75	045-75	Ti-045-75
80	045-80	Ti-045-80
85	045-85	Ti-045-85
90	045-90	Ti-045-90
95	045-95	Ti-045-95
100	045-100	Ti-045-100
105	045-105	Ti-045-105
110	045-110	Ti-045-110
115	045-115	Ti-045-115
120	045-120	Ti-045-120

Drill Bit : 4mm

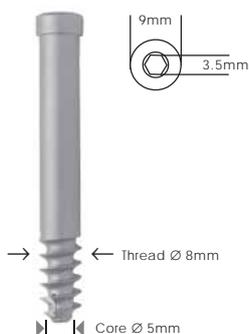
**LOCKING BOLT, DIA 6MM,
CANNULATED (SELF TAPPING)**



Length in mm.	Codes	
	Stainless Steel	Titanium
50	047-50	Ti-047-50
55	047-55	Ti-047-55
60	047-60	Ti-047-60
65	047-65	Ti-047-65
70	047-70	Ti-047-70
75	047-75	Ti-047-75
80	047-80	Ti-047-80
85	047-85	Ti-047-85
90	047-90	Ti-047-90
95	047-95	Ti-047-95
100	047-100	Ti-047-100
105	047-105	Ti-047-105
110	047-110	Ti-047-110
115	047-115	Ti-047-115
120	047-120	Ti-047-120

Cannulated Drill Bit: 4.5mm

**LOCKING BOLT
DIA 8MM
CANNULATED
(SELF TAPPING)**



Length in mm.	Codes	
	Stainless Steel	Titanium
50	048-50	Ti-048-50
55	048-55	Ti-048-55
60	048-60	Ti-048-60
65	048-65	Ti-048-65
70	048-70	Ti-048-70
75	048-75	Ti-048-75
80	048-80	Ti-048-80
85	048-85	Ti-048-85
90	048-90	Ti-048-90
95	048-95	Ti-048-95
100	048-100	Ti-048-100
105	048-105	Ti-048-105
110	048-110	Ti-048-110
115	048-115	Ti-048-115
120	048-120	Ti-048-120

Cannulated Drill Bit: 5mm



End Cap for PFN & Recon Nails

	Stainless Steel	Titanium
Code No.	047-SS	047-Ti



Diamond Pointed Bone Awl for Femoral
Code No.: 507.01



Depth Gauge (Extra Large)
Code No.: 507.16



Medullary Reamer
Code No.: 507.45



Flexible Reaming Shaft
Code No.: 507.03



Medullary Tube
Code No.: 507.04



Reaming Rod 3.0mm Dia.
Code No.: 507.05



Extractor- Impactor
Code No.: 507.41



Guide Rod 3.0mm Dia.
Code No.: 507.08



Guide Rod / Reaming Rod Introducer
Code No.: 507.07



Tissue Protector
Code No.: 507.02



**Cannulated Step Drill Bit
for 6mm Cannulated Locking Bolt**
Code No.: 507.39



**Cannulated Step Drill Bit
for 8mm Cannulated Locking Bolt**
Code No.: 507.40



Protection Sleeve for 6mm Locking Bolts
Code No.: 507.31



Guide Wire Sleeve for 2.0mm x 7.0mm
Code No.: 507.36



Protection Sleeve for 8mm Locking Bolts
Code No.: 507.32



Guide Wire Sleeve for 2.0mm x 9.0mm
Code No.: 507.37



Threaded Guide Wire 2.0mm Dia (6 Pcs.)
Code No.: 507.34



Hexagonal Screw Driver Extra Large - 3.5mm TiP
Code No.: 208.10



Cannulated Hexagonal Screw Driver Extra Large - 3.5mm Tip
Code No.: 507.48



Proximal & Distal Jig for PFN Nail
Code No.: 507.47



Nail Holding Bolt for PFN & Recon Nail
Code No.: 507.72



Proximal Zig for Recon Nail
Code No.: 507.46



Spanner, 17mm, S.S.
Code No.: 507.017

☐ INSTRUMENTS SET FOR PFN & RECON NAILS

INSTRUMENTS SET PFN NAILS, S.S.

Code No.: IS072

<i>Set Consisting of:</i>		Units
507.01	Diamond Pointed Bone Awl for Femoral	1
507.02	Tissue Protector	1
507.038	Flexible Reaming Shaft with Fixed Reamer, Dia. 8.0mm.	1
507.03	Flexible Reamer Shaft only (For Reamer Heads 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm.)	1
507.23	Flexible Reamer Shaft only (For Reamer Heads 13.5, 14, 14.5, 15mm.)	1
507.45	Reamer Heads (Medullary), 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm, Set of 9 pieces	1 Set
507.46	Reamer Heads (Medullary), 13.5, 14, 14.5, 15mm, Set of 4 pieces	1 Set
507.04	Medullary Tube	1
507.05	Reaming Rod 3.0mm Dia	1
507.07	Guide Rod / Reaming Rod Introducer	1
507.08	Guide Rod 3.0mm Dia	1
507.41	Extractor - Impactor	1
507.31	Protection Sleeve for 6mm Locking Bolts	1
507.32	Protection Sleeve for 8mm Locking Bolts	1
507.36	Guide Wire Sleeve 2.0mm x 7.0mm	1
507.37	Guide Wire Sleeve 2.0mm x 9.0mm	1
507.34	Threaded Guide Wire 2.0mm Dia.(6 pieces)	6
507.39	Cannulated Step Drill Bit for 6mm Cannulated Locking Bolt	1
507.40	Cannulated Step Drill Bit for 8mm Cannulated Locking Bolt	1
507.47	Proximal and Distal Jig for PFN Nail	1
507.72	Nail Holding Bolt for PFN & Recon Nails	1
507.48	Cannulated Hexagonal Screw Driver Extra Large - 3.5mm Tip	1
208.10	Extra Large Hexagonal Screw Driver 3.5mm Tip	1
507.16	Depth Gauge	1
507.017	Spanner 17mm, S.S.	1
400.040	S.S.Container with Tray	1 set

INSTRUMENTS SET RECON NAILS, S.S.

Code No.: IS073

<i>Set Consisting of:</i>		Units
507.01	Diamond Pointed Bone Awl for Femoral	1
507.02	Tissue Protector	1
507.038	Flexible Reaming Shaft with Fixed Reamer, Dia. 8.0mm.	1
507.03	Flexible Reamer Shaft only (For Reamer Heads 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm.)	1
507.23	Flexible Reamer Shaft only (For Reamer Heads 13.5, 14, 14.5, 15mm.)	1
507.45	Reamer Heads (Medullary), 9, 9.5, 10, 10.5, 11, 11.5, 12, 12.5, 13mm, Set of 9 pieces	1 Set
507.46	Reamer Heads (Medullary), 13.5, 14, 14.5, 15mm, Set of 4 pieces	1 Set
507.04	Medullary Tube	1
507.05	Reaming Rod 3.0mm Dia	1
507.07	Guide Rod / Reaming Rod Introducer	1
507.08	Guide Rod 3.0mm Dia	1
507.41	Extractor - Impactor	1
507.31	Protection Sleeve for 6mm Locking Bolts	1
507.32	Protection Sleeve for 8mm Locking Bolts	1
507.36	Guide Wire Sleeve 2.0mm x 7.0mm	1
507.37	Guide Wire Sleeve 2.0mm x 9.0mm	1
507.34	Threaded Guide Wire 2.0mm Dia.(6 pieces)	6
507.39	Cannulated Step Drill Bit for 6mm Cannulated Locking Bolt	1
507.40	Cannulated Step Drill Bit for 8mm Cannulated Locking Bolt	1
507.47R	Proximal Jig for Recon Nail	1
507.72	Nail Holding Bolt for PFN & Recon Nails	1
507.48	Cannulated Hexagonal Screw Driver Extra Large - 3.5mm Tip	1
208.10	Extra Large Hexagonal Screw Driver 3.5mm Tip	1
507.16	Depth Gauge	1
507.017	Spanner 17mm, S.S.	1
400.040	S.S.Container with Tray	1 set

... INTRAMEDULLARY SUPRA CONDYLAR NAIL (IMSC NAIL)



Intramedullary Supra Condylar Nail (IMSC) - 5 Holes

STAINLESS STEEL

Length in cm.	Diameter			
	10 mm	11 mm	12 mm	13 mm
15	IMSC-115	IMSC-215	IMSC-315	IMSC-415
20	IMSC-120	IMSC-220	IMSC-320	IMSC-420
25	IMSC-125	IMSC-225	IMSC-325	IMSC-425

Drill Bit: 4mm

TITANIUM

Length in cm.	Diameter			
	10 mm	11 mm	12 mm	13 mm
15	Ti-IMSC-115	Ti-IMSC-215	Ti-IMSC-315	Ti-IMSC-415
20	Ti-IMSC-120	Ti-IMSC-220	Ti-IMSC-320	Ti-IMSC-420
25	Ti-IMSC-125	Ti-IMSC-225	Ti-IMSC-325	Ti-IMSC-425

Drill Bit: 4mm



Intramedullary Supra Condylar Nail (IMSC) - Multiple Holes

STAINLESS STEEL

Length in cm.	Diameter			
	10 mm	11 mm	12 mm	13 mm
15	IMSC-515	IMSC-615	IMSC-715	IMSC-815
20	IMSC-520	IMSC-620	IMSC-720	IMSC-820
25	IMSC-525	IMSC-625	IMSC-725	IMSC-825

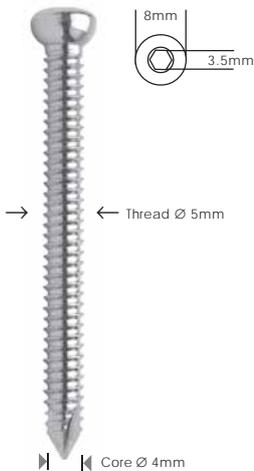
Drill Bit: 4mm

TITANIUM

Length in cm.	Diameter			
	10 mm	11 mm	12 mm	13 mm
15	Ti-IMSC-515	Ti-IMSC-615	Ti-IMSC-715	Ti-IMSC-815
20	Ti-IMSC-520	Ti-IMSC-620	Ti-IMSC-720	Ti-IMSC-820
25	Ti-IMSC-525	Ti-IMSC-625	Ti-IMSC-725	Ti-IMSC-825

Drill Bit: 4mm

IMSC LOCKING BOLTS, 5 MM (SELF TAPPING)



Length in mm.	Codes	
	Stainless Steel	Titanium
20	049-20	Ti-049-20
25	049-25	Ti-049-25
30	049-30	Ti-049-30
35	049-35	Ti-049-35
40	049-40	Ti-049-40
45	049-45	Ti-049-45
50	049-50	Ti-049-50
55	049-55	Ti-049-55
60	049-60	Ti-049-60
65	049-65	Ti-049-65
70	049-70	Ti-049-70
75	049-75	Ti-049-75
80	049-80	Ti-049-80
85	049-85	Ti-049-85
90	049-90	Ti-049-90
95	049-95	Ti-049-95
100	049-100	Ti-049-100
105	049-105	Ti-049-105
110	049-110	Ti-049-110
115	049-115	Ti-049-115
120	049-120	Ti-049-120

Drill Bit: 4mm



End Cap for Intramedullary Supra Condylar Nail (IMSC)

	Stainless Steel	Titanium
Code No.	049-SS	049-Ti



Guide Rod 3.0mm Dia.
Code No.: 507.08



Reaming Rod 3.0mm Dia.
Code No.: 507.05



Proximal & Distal Jig for 5 Holes IMSC Nail
Code No.: 507.76



Proximal & Distal Jig for Multiple Holes IMSC Nail
Code No.: 507.77



Nail Holding Bolt for Intramedullary Supra Condylar Nail
Code No.: 507.86



Cannulated Reamer (T-type)
Code No.: 507.96



Guide Rod / Reaming Rod Introducer
Code No.: 507.07



Spanner 14mm, S.S.
Code No.: 507.67



Extra Large Hexagonal Screw Driver - 3.5mm Tip
Code No.: 208.10



Bone Awl
Code No.: 507.01



Drill Bit 3.2mm Dia. x 200mm, Extra Long
Code No.: 201.32



Drill Bit 4.0 x 4.5mm Dia. x 250mm
Code No.: 507.87



Sleeve Trocar
Code No.: 507.97



Protection Sleeve, 8.0mm(ID), 11mm(OD)
Code No.: 507.17



Drill Sleeve 3.2mm(ID), 8mm(OD)
Code No.: 507.18



Drill Sleeve, 4.5mm(ID), 8mm(OD)
Code No.: 507.19



Depth Gauge (Extra Large)
Code No.: 507.16



Extractor- Impactor
Code No.: 507.83

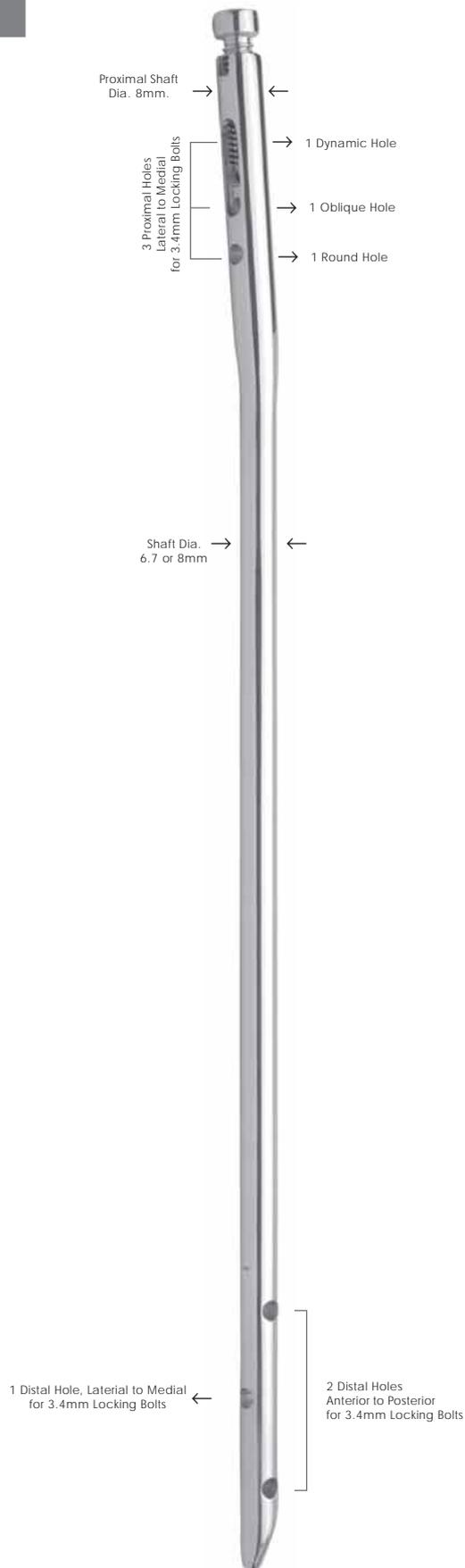
☐ INSTRUMENTS SET FOR INTRAMEDULLARY SUPRA CONDYLAR NAILS

INSTRUMENT SET FOR 5 HOLES IMSC NAIL, S.S.
Code No.: IS041M

	<i>Set Consisting of:</i>	Units
507.01	Diamond Pointed bone awl	1
507.05	Reaming Rod 3.0mm Dia	1
507.07	Guide Rod / Reaming Rod Introducer	1
507.96	Cannulated Reamer (I - Type)	1
507.08	Guide Rod 3.0mm Dia	1
507.83	Extractor-Impactor	1
507.76	Proximal & Distal Jig for 5 Holes IMSC Nail	1
507.86	Nail Holding Bolt for Intramedullary Supra Condylar Nails1	
507.67	Spanner, 14mm, S.S.	1
507.87	Drill Bit 4.0mm x 4.5mm x 300mm	1
201.32	Drill Bit 3.2mm Dia x 200mm, Extra Long	1
208.10	Extra Large Hexagonal Screw Driver 3.5mm Tip	1
507.16	Depth Gauge, Extra Large	1
507.17	Protection Sleeve 8mm (ID.), 11mm (OD.)	1
507.18	Drill Sleeve 3.2mm (ID.), 8mm (OD.)	1
507.19	Drill Sleeve 4.5mm (ID.), 8mm (OD.)	1
507.97	Sleeve Trocar	1
400.050	S.S.Container 500mm long	1 set

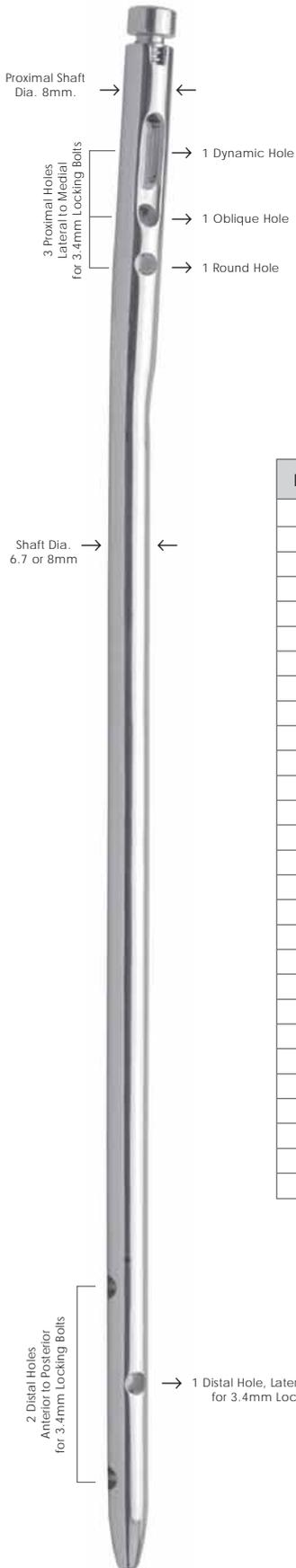
INSTRUMENT SET FOR MULTIPLE HOLES IMSC NAIL, S.S.
Code No.: IS090

	<i>Set Consisting of:</i>	Units
507.01	Diamond Pointed bone awl	1
507.05	Reaming Rod 3.0mm Dia	1
507.07	Guide Rod / Reaming Rod Introducer	1
507.96	Cannulated Reamer (I - Type)	1
507.08	Guide Rod 3.0mm Dia	1
507.83	Extractor-Impactor	1
507.77	Proximal & Distal Jig for Multiple Holes IMSC Nail	1
507.86	Nail Holding Bolt for Intramedullary Supra Condylar Nails1	
507.67	Spanner, 14mm, S.S.	1
507.87	Drill Bit 4.0mm x 4.5mm x 300mm	1
201.32	Drill Bit 3.2mm Dia x 200mm, Extra Long	1
208.10	Extra Large Hexagonal Screw Driver 3.5mm Tip	1
507.16	Depth Gauge, Extra Large	1
507.17	Protection Sleeve 8mm (ID.), 11mm (OD.)	1
507.18	Drill Sleeve 3.2mm (ID.), 8mm (OD.)	1
507.19	Drill Sleeve 4.5mm (ID.), 8mm (OD.)	1
507.97	Sleeve Trocar	1
400.050	S.S.Container 500mm long	1 set



Unreamed Humeral Nails

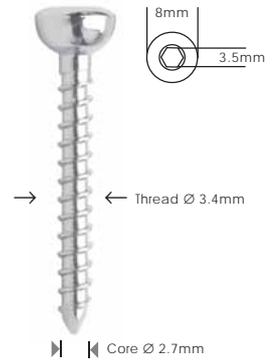
Dia. in mm	Length in mm	Codes	
		Stainless Steel	Titanium
6.7	190	UHN67-19	Ti-UHN67-19
6.7	200	UHN67-20	Ti-UHN67-20
6.7	210	UHN67-21	Ti-UHN67-21
6.7	220	UHN67-22	Ti-UHN67-22
6.7	230	UHN67-23	Ti-UHN67-23
6.7	240	UHN67-24	Ti-UHN67-24
6.7	250	UHN67-25	Ti-UHN67-25
6.7	260	UHN67-26	Ti-UHN67-26
6.7	270	UHN67-27	Ti-UHN67-27
6.7	280	UHN67-28	Ti-UHN67-28
6.7	290	UHN67-29	Ti-UHN67-29
6.7	300	UHN67-30	Ti-UHN67-30
6.7	310	UHN67-31	Ti-UHN67-31
6.7	320	UHN67-32	Ti-UHN67-32
8.0	190	UHN80-19	Ti-UHN80-19
8.0	200	UHN80-20	Ti-UHN80-20
8.0	210	UHN80-21	Ti-UHN80-21
8.0	220	UHN80-22	Ti-UHN80-22
8.0	230	UHN80-23	Ti-UHN80-23
8.0	240	UHN80-24	Ti-UHN80-24
8.0	250	UHN80-25	Ti-UHN80-25
8.0	260	UHN80-26	Ti-UHN80-26
8.0	270	UHN80-27	Ti-UHN80-27
8.0	280	UHN80-28	Ti-UHN80-28
8.0	290	UHN80-29	Ti-UHN80-29
8.0	300	UHN80-30	Ti-UHN80-30
8.0	310	UHN80-31	Ti-UHN80-31
8.0	320	UHN80-32	Ti-UHN80-32



**Cannulated Humeral Nails
STAINLESS STEEL**

Dia. mm	Length mm	Code No.
6.7	190	CHN67-19
6.7	200	CHN67-20
6.7	210	CHN67-21
6.7	220	CHN67-22
6.7	230	CHN67-23
6.7	240	CHN67-24
6.7	250	CHN67-25
6.7	260	CHN67-26
6.7	270	CHN67-27
6.7	280	CHN67-28
6.7	290	CHN67-29
6.7	300	CHN67-30
6.7	310	CHN67-31
6.7	320	CHN67-32
8.0	190	CHN80-19
8.0	200	CHN80-20
8.0	210	CHN80-21
8.0	220	CHN80-22
8.0	230	CHN80-23
8.0	240	CHN80-24
8.0	250	CHN80-25
8.0	260	CHN80-26
8.0	270	CHN80-27
8.0	280	CHN80-28
8.0	290	CHN80-29
8.0	300	CHN80-30
8.0	310	CHN80-31
8.0	320	CHN80-32

**3.4MM LOCKING BOLTS
FOR HUMERAL NAILS
(SELF TAPPING)**



Length in mm.	Codes	
	Stainless Steel	Titanium
20	043-20	Ti-043-20
22	043-22	Ti-043-22
24	043-24	Ti-043-24
26	043-26	Ti-043-26
28	043-28	Ti-043-28
30	043-30	Ti-043-30
32	043-32	Ti-043-32
34	043-34	Ti-043-34
36	043-36	Ti-043-36
38	043-38	Ti-043-38
40	043-40	Ti-043-40
42	043-42	Ti-043-42
44	043-44	Ti-043-44
46	043-46	Ti-043-46
48	043-48	Ti-043-48
50	043-50	Ti-043-50
52	043-52	Ti-043-52
54	043-54	Ti-043-54
56	043-56	Ti-043-56
58	043-58	Ti-043-58
60	043-60	Ti-043-60

Drill Bit : 2.7mm



End Caps for Humeral Nail

Dia. in mm	Ext. in mm	Codes	
		Stainless Steel	Titanium
5.5	0.0	044.100	Ti-044.100
8.0	5.0	044.105	Ti-044.105
8.0	10.0	044.110	Ti-044.110
8.0	15.0	044.115	Ti-044.115



Proximal Jig
Code No.: 506.02



Large Hexagonal Screw Driver - 3.5mm Tip
Code No.: 301.050



Nail Holding Bolt (Connecting Bolt)
Code No.: 506.11



Kirschner Wire with One Trocar Tip, 2.0mm Dia x 300mm
Code No.: 506.55



Cannulated Bone Awl
Code No.: 506.03



Extractor / Impactor
Code No.: 506.09



Trocar, 8.0mm
Code No.: 506.07



Protection Sleeve 8mm(ID), 11mm(OD)
Code No.: 506.05



Drill Sleeve 2.7mm(ID), 8mm(OD)
Code No.: 506.06



Slotted Hammer
Code No.: 702.008



Drill Bit, Plain Shank, Trocar End
 2.7mm x 200mm
 Code No.: 201.28



Spanner 11mm, S.S.
 Code No.: 507.99



Depth Gauge
 Code No.: 506.08

Code No.	Description
507.98	Coupling Block for Extraction

OPTIONAL INSTRUMENTS FOR HUMERUS NAILS



Compression Device
 Code No.: 506.12



Nail Holding Bolt for Compression
 Code No.: 506.13



Projective Reamer
 Code No.: 720.004



Quick Coupling Handle (T-Type)
 Code No.: 306.010

INSTRUMENTS SET FOR HUMERUS NAILS

INSTRUMENT SET FOR HUMERUS NAILS, S.S.

Code No.: IS065

<i>Set Consisting of:</i>	Units
506.02 Proximal Jig	1
506.03 Cannulated Bone Awl	1
702.008 Slotted Hammer	1
506.05 Protection Sleeve 8mm (ID.), 11mm (OD.)	1
506.06 Drill Sleeve 2.7mm (ID.), 8mm (OD.)	1
506.07 Trocar 8mm	1
506.08 Depth Gauge	1
506.09 Extractor/Impactor	1
507.98 Coupling Block for Extraction	1
506.11 Nail Holding Bolt (Connecting Bolt)	1
506.55 Kirschner Wire with Trocar Tip 2.0mm Dia. x 300mm ..	1
201.28 Drill Bit Plain Shank, Trocar End, 2.7mm x 200mm	1
301.050 Large Hexagonal Screw Driver 3.5mm Tip	1
507.99 Spanner 11mm, S.S.	1
400.005 S.S.Box With Two Tray	1

OPTIONAL INSTRUMENTS	
506.12 Compression Device	1
506.13 Nail Holding Bolt for Compression	1
720.004 Projective Reamer	1
306.010 Quick Coupling Handle (T-Type)	1





**Enders Nails
STAINLESS STEEL**

Length in cm.	Diameter					
	2 mm	2.5 mm	3 mm	3.5 mm	4 mm	4.5 mm
24	EN2-24	EN2.5-24	EN3-24	EN3.5-24	EN4-24	EN4.5-24
25	EN2-25	EN2.5-25	EN3-25	EN3.5-25	EN4-25	EN4.5-25
26	EN2-26	EN2.5-26	EN3-26	EN3.5-26	EN4-26	EN4.5-26
27	EN2-27	EN2.5-27	EN3-27	EN3.5-27	EN4-27	EN4.5-27
28	EN2-28	EN2.5-28	EN3-28	EN3.5-28	EN4-28	EN4.5-28
29	EN2-29	EN2.5-29	EN3-29	EN3.5-29	EN4-29	EN4.5-29
30	EN2-30	EN2.5-30	EN3-30	EN3.5-30	EN4-30	EN4.5-30
31	EN2-31	EN2.5-31	EN3-31	EN3.5-31	EN4-31	EN4.5-31
32	EN2-32	EN2.5-32	EN3-32	EN3.5-32	EN4-32	EN4.5-32
33	EN2-33	EN2.5-33	EN3-33	EN3.5-33	EN4-33	EN4.5-33
34	EN2-34	EN2.5-34	EN3-34	EN3.5-34	EN4-34	EN4.5-34
35	EN2-35	EN2.5-35	EN3-35	EN3.5-35	EN4-35	EN4.5-35
36	EN2-36	EN2.5-36	EN3-36	EN3.5-36	EN4-36	EN4.5-36
37	EN2-37	EN2.5-37	EN3-37	EN3.5-37	EN4-37	EN4.5-37
38	EN2-38	EN2.5-38	EN3-38	EN3.5-38	EN4-38	EN4.5-38
39	EN2-39	EN2.5-39	EN3-39	EN3.5-39	EN4-39	EN4.5-39
40	EN2-40	EN2.5-40	EN3-40	EN3.5-40	EN4-40	EN4.5-40
41	EN2-41	EN2.5-41	EN3-41	EN3.5-41	EN4-41	EN4.5-41
42	EN2-42	EN2.5-42	EN3-42	EN3.5-42	EN4-42	EN4.5-42
43	EN2-43	EN2.5-43	EN3-43	EN3.5-43	EN4-43	EN4.5-43
44	EN2-44	EN2.5-44	EN3-44	EN3.5-44	EN4-44	EN4.5-44

□ INSTRUMENTS FOR ENDER NAILS



Ender Nail Extractor
Code No.: 508.001



Ender Nail Bender (Pair)
Code No.: 508.003



Ender Nail Impactor
Code No.: 508.007



Tense Nails - Length 40cm.

	Diameter				
	2 mm	2.5 mm	3 mm	3.5 mm	4 mm
S.S.	TEN2-40	TEN2.5-40	TEN3-40	TEN3.5-40	TEN4-40
Titanium	Ti-TEN2-40	Ti-TEN2.5-40	Ti-TEN3-40	Ti-TEN3.5-40	Ti-TEN4-40



Kuntscher Cloverleaf Nails
 STAINLESS STEEL

Length in cm.	Diameters									
	6 mm	7 mm	8 mm	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm
20	181.06-20	181.07-20	-	-	-	-	-	-	-	-
21	181.06-21	181.07-21	-	-	-	-	-	-	-	-
22	181.06-22	181.07-22	-	-	-	-	-	-	-	-
23	181.06-23	181.07-23	-	-	-	-	-	-	-	-
24	181.06-24	181.07-24	181.08-24	181.09-24	-	-	-	-	-	-
25	181.06-25	181.07-25	181.08-25	181.09-25	-	-	-	-	-	-
26	181.06-26	181.07-26	181.08-26	181.09-26	181.10-26	181.11-26	181.12-26	181.13-26	181.14-26	181.15-26
27	181.06-27	181.07-27	181.08-27	181.09-27	181.10-27	181.11-27	181.12-27	181.13-27	181.14-27	181.15-27
28	181.06-28	181.07-28	181.08-28	181.09-28	181.10-28	181.11-28	181.12-28	181.13-28	181.14-28	181.15-28
29	181.06-29	181.07-29	181.08-29	181.09-29	181.10-29	181.11-29	181.12-29	181.13-29	181.14-29	181.15-29
30	181.06-30	181.07-30	181.08-30	181.09-30	181.10-30	181.11-30	181.12-30	181.13-30	181.14-30	181.15-30
31	181.06-31	181.07-31	181.08-31	181.09-31	181.10-31	181.11-31	181.12-31	181.13-31	181.14-31	181.15-31
32	181.06-32	181.07-32	181.08-32	181.09-32	181.10-32	181.11-32	181.12-32	181.13-32	181.14-32	181.15-32
33	181.06-33	181.07-33	181.08-33	181.09-33	181.10-33	181.11-33	181.12-33	181.13-33	181.14-33	181.15-33
34	181.06-34	181.07-34	181.08-34	181.09-34	181.10-34	181.11-34	181.12-34	181.13-34	181.14-34	181.15-34
35	181.06-35	181.07-35	181.08-35	181.09-35	181.10-35	181.11-35	181.12-35	181.13-35	181.14-35	181.15-35
36	181.06-36	181.07-36	181.08-36	181.09-36	181.10-36	181.11-36	181.12-36	181.13-36	181.14-36	181.15-36
37	181.06-37	181.07-37	181.08-37	181.09-37	181.10-37	181.11-37	181.12-37	181.13-37	181.14-37	181.15-37
38	181.06-38	181.07-38	181.08-38	181.09-38	181.10-38	181.11-38	181.12-38	181.13-38	181.14-38	181.15-38
39	181.06-39	181.07-39	181.08-39	181.09-39	181.10-39	181.11-39	181.12-39	181.13-39	181.14-39	181.15-39
40	181.06-40	181.07-40	181.08-40	181.09-40	181.10-40	181.11-40	181.12-40	181.13-40	181.14-40	181.15-40
41	-	-	181.08-41	181.09-41	181.10-41	181.11-41	181.12-41	181.13-41	181.14-41	181.15-41
42	-	-	181.08-42	181.09-42	181.10-42	181.11-42	181.12-42	181.13-42	181.14-42	181.15-42
43	-	-	181.08-43	181.09-43	181.10-43	181.11-43	181.12-43	181.13-43	181.14-43	181.15-43
44	-	-	181.08-44	181.09-44	181.10-44	181.11-44	181.12-44	181.13-44	181.14-44	181.15-44
45	-	-	-	-	181.10-45	181.11-45	181.12-45	181.13-45	181.14-45	181.15-45
46	-	-	-	-	181.10-46	181.11-46	181.12-46	181.13-46	181.14-46	181.15-46
47	-	-	-	-	181.10-47	181.11-47	181.12-47	181.13-47	181.14-47	181.15-47
48	-	-	-	-	181.10-48	181.11-48	181.12-48	181.13-48	181.14-48	181.15-48



V - Nail
STAINLESS STEEL

Length in cm.	Diameter									
	6 mm	7 mm	8 mm	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm
20	184.06-20	184.07-20	-	-	-	-	-	-	-	-
21	184.06-21	184.07-21	-	-	-	-	-	-	-	-
22	184.06-22	184.07-22	-	-	-	-	-	-	-	-
23	184.06-23	184.07-23	-	-	-	-	-	-	-	-
24	184.06-24	184.07-24	184.08-24	184.09-24	-	-	-	-	-	-
25	184.06-25	184.07-25	184.08-25	184.09-25	-	-	-	-	-	-
26	184.06-26	184.07-26	184.08-26	184.09-26	184.10-26	184.11-26	184.12-26	184.13-26	184.14-26	184.15-26
27	184.06-27	184.07-27	184.08-27	184.09-27	184.10-27	184.11-27	184.12-27	184.13-27	184.14-27	184.15-27
28	184.06-28	184.07-28	184.08-28	184.09-28	184.10-28	184.11-28	184.12-28	184.13-28	184.14-28	184.15-28
29	184.06-29	184.07-29	184.08-29	184.09-29	184.10-29	184.11-29	184.12-29	184.13-29	184.14-29	184.15-29
30	184.06-30	184.07-30	184.08-30	184.09-30	184.10-30	184.11-30	184.12-30	184.13-30	184.14-30	184.15-30
31	184.06-31	184.07-31	184.08-31	184.09-31	184.10-31	184.11-31	184.12-31	184.13-31	184.14-31	184.15-31
32	184.06-32	184.07-32	184.08-32	184.09-32	184.10-32	184.11-32	184.12-32	184.13-32	184.14-32	184.15-32
33	184.06-33	184.07-33	184.08-33	184.09-33	184.10-33	184.11-33	184.12-33	184.13-33	184.14-33	184.15-33
34	184.06-34	184.07-34	184.08-34	184.09-34	184.10-34	184.11-34	184.12-34	184.13-34	184.14-34	184.15-34
35	184.06-35	184.07-35	184.08-35	184.09-35	184.10-35	184.11-35	184.12-35	184.13-35	184.14-35	184.15-35
36	184.06-36	184.07-36	184.08-36	184.09-36	184.10-36	184.11-36	184.12-36	184.13-36	184.14-36	184.15-36
37	184.06-37	184.07-37	184.08-37	184.09-37	184.10-37	184.11-37	184.12-37	184.13-37	184.14-37	184.15-37
38	184.06-38	184.07-38	184.08-38	184.09-38	184.10-38	184.11-38	184.12-38	184.13-38	184.14-38	184.15-38
39	184.06-39	184.07-39	184.08-39	184.09-39	184.10-39	184.11-39	184.12-39	184.13-39	184.14-39	184.15-39
40	184.06-40	184.07-40	184.08-40	184.09-40	184.10-40	184.11-40	184.12-40	184.13-40	184.14-40	184.15-40
41	-	-	184.08-41	184.09-41	184.10-41	184.11-41	184.12-41	184.13-41	184.14-41	184.15-41
42	-	-	184.08-42	184.09-42	184.10-42	184.11-42	184.12-42	184.13-42	184.14-42	184.15-42
43	-	-	184.08-43	184.09-43	184.10-43	184.11-43	184.12-43	184.13-43	184.14-43	184.15-43
44	-	-	184.08-44	184.09-44	184.10-44	184.11-44	184.12-44	184.13-44	184.14-44	184.15-44
45	-	-	-	-	184.10-45	184.11-45	184.12-45	184.13-45	184.14-45	184.15-45
46	-	-	-	-	184.10-46	184.11-46	184.12-46	184.13-46	184.14-46	184.15-46
47	-	-	-	-	184.10-47	184.11-47	184.12-47	184.13-47	184.14-47	184.15-47
48	-	-	-	-	184.10-48	184.11-48	184.12-48	184.13-48	184.14-48	184.15-48



Bend Kuntscher Cloverleaf Nail for Tibia
STAINLESS STEEL

Length in cm.	Diameters								
	7 mm	8 mm	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm
26	182.07-26	182.08-26	182.09-26	182.10-26	182.11-26	182.12-26	182.13-26	182.14-26	182.15-26
27	182.07-27	182.08-27	182.09-27	182.10-27	182.11-27	182.12-27	182.13-27	182.14-27	182.15-27
28	182.07-28	182.08-28	182.09-28	182.10-28	182.11-28	182.12-28	182.13-28	182.14-28	182.15-28
29	182.07-29	182.08-29	182.09-29	182.10-29	182.11-29	182.12-29	182.13-29	182.14-29	182.15-29
30	182.07-30	182.08-30	182.09-30	182.10-30	182.11-30	182.12-30	182.13-30	182.14-30	182.15-30
31	182.07-31	182.08-31	182.09-31	182.10-31	182.11-31	182.12-31	182.13-31	182.14-31	182.15-31
32	182.07-32	182.08-32	182.09-32	182.10-32	182.11-32	182.12-32	182.13-32	182.14-32	182.15-32
33	182.07-33	182.08-33	182.09-33	182.10-33	182.11-33	182.12-33	182.13-33	182.14-33	182.15-33
34	182.07-34	182.08-34	182.09-34	182.10-34	182.11-34	182.12-34	182.13-34	182.14-34	182.15-34
35	182.07-35	182.08-35	182.09-35	182.10-35	182.11-35	182.12-35	182.13-35	182.14-35	182.15-35
36	182.07-36	182.08-36	182.09-36	182.10-36	182.11-36	182.12-36	182.13-36	182.14-36	182.15-36
37	182.07-37	182.08-37	182.09-37	182.10-37	182.11-37	182.12-37	182.13-37	182.14-37	182.15-37
38	182.07-38	182.08-38	182.09-38	182.10-38	182.11-38	182.12-38	182.13-38	182.14-38	182.15-38
39	182.07-39	182.08-39	182.09-39	182.10-39	182.11-39	182.12-39	182.13-39	182.14-39	182.15-39
40	182.07-40	182.08-40	182.09-40	182.10-40	182.11-40	182.12-40	182.13-40	182.14-40	182.15-40
41	182.07-41	182.08-41	182.09-41	182.10-41	182.11-41	182.12-41	182.13-41	182.14-41	182.15-41
42	182.07-42	182.08-42	182.09-42	182.10-42	182.11-42	182.12-42	182.13-42	182.14-42	182.15-42
43	182.07-43	182.08-43	182.09-43	182.10-43	182.11-43	182.12-43	182.13-43	182.14-43	182.15-43
44	182.07-44	182.08-44	182.09-44	182.10-44	182.11-44	182.12-44	182.13-44	182.14-44	182.15-44

INSTRUMENTS FOR KUNTSCHER NAILS

Code No.	Description
384.002	K.Nail Driver
384.004	K.Nail Impactor/Setting Device
384.006	K.Nail Extractor with Two Hooks
384.008	K.Nail Measuring Gauge
384.010	Diamond Pointed Awl



K.Nail Impactor/Setting Device
Code No.: 384.004



K.Nail Driver
Code No.: 384.002

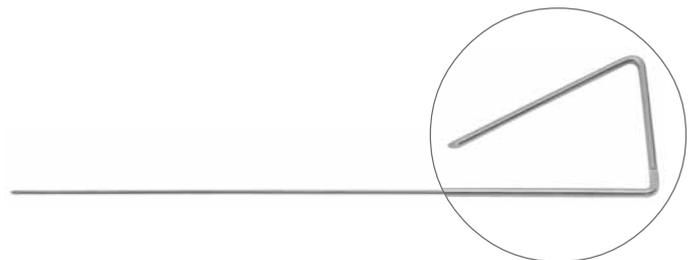


K.Nail Measuring Gauge
Code No.: 384.008



K. NAIL REAMERS

Code No.	Size mm
384.020	6
384.022	7
384.024	8
384.026	9
384.028	10
384.030	11
384.032	12
384.034	13
384.036	14



GUIDE WIRE FOR KUNTSCHER NAILS

Code No.	Description
384.012	2.5mm for 6 & 7mm Nails
384.014	3.0mm for 8 & 9mm Nails
384.016	4.0mm for 10 & 11mm Nails
384.018	4.5mm for 12 & 13mm Nails



K.Nail Extractor with Two Hooks
Code: 384.006



Spare Hook for K. Nail Extractor
Code No.: 384.040



Diamond Pointed Awl
Code No.: 384.010



Cannulated Reamer (T-type)
Code No.: 507.96



**Square Nail for Radius
STAINLESS STEEL**

Length in cm.	Diameter					
	1.5 mm	2 mm	2.5 mm	3 mm	3.5 mm	4 mm
17	183.15-17R	183.20-17R	183.25-17R	-	-	-
18	183.15-18R	183.20-18R	183.25-18R	-	-	-
19	183.15-19R	183.20-19R	183.25-19R	-	-	-
20	183.15-20R	183.20-20R	183.25-20R	183.30-20R	183.35-20R	183.40-20R
21	183.15-21R	183.20-21R	183.25-21R	183.30-21R	183.35-21R	183.40-21R
22	183.15-22R	183.20-22R	183.25-22R	183.30-22R	183.35-22R	183.40-22R
23	183.15-23R	183.20-23R	183.25-23R	183.30-23R	183.35-23R	183.40-23R
24	183.15-24R	183.20-24R	183.25-24R	183.30-24R	183.35-24R	183.40-24R
25	183.15-25R	183.20-25R	183.25-25R	183.30-25R	183.35-25R	183.40-25R
26	183.15-26R	183.20-26R	183.25-26R	183.30-26R	183.35-26R	183.40-26R
27	183.15-27R	183.20-27R	183.25-27R	183.30-27R	183.35-27R	183.40-27R
28	183.15-28R	183.20-28R	183.25-28R	183.30-28R	183.35-28R	183.40-28R
29	183.15-29R	183.20-29R	183.25-29R	183.30-29R	183.35-29R	183.40-29R
30	183.15-30R	183.20-30R	183.25-30R	183.30-30R	183.35-30R	183.40-30R

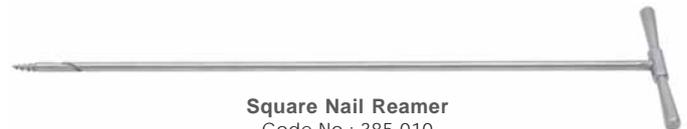


**Square Nail for Ulna
STAINLESS STEEL**

Length in cm.	Diameter					
	1.5 mm	2 mm	2.5 mm	3 mm	3.5 mm	4 mm
17	183.15-17U	183.20-17U	183.25-17U	-	-	-
18	183.15-18U	183.20-18U	183.25-18U	-	-	-
19	183.15-19U	183.20-19U	183.25-19U	-	-	-
20	183.15-20U	183.20-20U	183.25-20U	183.30-20U	183.35-20U	183.40-20U
21	183.15-21U	183.20-21U	183.25-21U	183.30-21U	183.35-21U	183.40-21U
22	183.15-22U	183.20-22U	183.25-22U	183.30-22U	183.35-22U	183.40-22U
23	183.15-23U	183.20-23U	183.25-23U	183.30-23U	183.35-23U	183.40-23U
24	183.15-24U	183.20-24U	183.25-24U	183.30-24U	183.35-24U	183.40-24U
25	183.15-25U	183.20-25U	183.25-25U	183.30-25U	183.35-25U	183.40-25U
26	183.15-26U	183.20-26U	183.25-26U	183.30-26U	183.35-26U	183.40-26U
27	183.15-27U	183.20-27U	183.25-27U	183.30-27U	183.35-27U	183.40-27U
28	183.15-28U	183.20-28U	183.25-28U	183.30-28U	183.35-28U	183.40-28U
29	183.15-29U	183.20-29U	183.25-29U	183.30-29U	183.35-29U	183.40-29U
30	183.15-30U	183.20-30U	183.25-30U	183.30-30U	183.35-30U	183.40-30U

□ INSTRUMENTS FOR SQUARE NAILS

Code No.	Description
385.002 to 008	Impactor for Square Nails (in Four Sizes)
385.010 to 018	Square Nail Reamer, Sizes: 2, 2.5, 3, 3.5 & 4mm dia
385.020 to 026	Square Nail Extractor Hook (Four Sizes)
385.101	Rush Nail Impactor/ Introducer



Square Nail Reamer
Code No.: 385.010



Square Nail Extractor Hook
Code No.: 385.020



**Suture Wire
STAINLESS STEEL**

Code No.	Size
184.216	16 SWG (1.60 mm)
184.217	17 SWG (1.50 mm)
184.218	18 SWG (1.25 mm)
184.219	19 SWG (1.00 mm)
184.220	20 SWG (0.90 mm)
184.221	21 SWG (0.80 mm)
184.222	22 SWG (0.70 mm)
184.223	23 SWG (0.60 mm)
184.224	24 SWG (0.55 mm)
184.226	26 SWG (0.45 mm)
184.228	28 SWG (0.35 mm)
184.230	30 SWG (0.30 mm)



**Kirschner Wire With Trocar Tip Both End
STAINLESS STEEL**

Dia. in mm	Length				
	70 mm	100 mm	150 mm	225 mm	300 mm
0.8	185.101	185.102	185.103	-	-
0.9	185.108	185.109	185.110	-	-
1.0	-	185.115	185.116	185.117	-
1.1	-	185.121	185.122	185.123	-
1.2	-	185.126	185.127	185.128	-
1.4	-	185.131	185.132	185.133	-
1.5	-	-	185.140	185.141	185.142
1.6	-	-	185.146	185.147	185.148
1.8	-	-	185.150	185.151	185.152
2.0	-	-	185.156	185.157	185.158
2.2	-	-	185.166	185.167	185.168
2.3	-	-	185.176	185.177	185.178
2.5	-	-	185.186	185.187	185.188
3.0	-	-	185.196	185.197	185.198

Imp. : For good quantity, Kirschner Wire can be made in any dia. and length upon request.

**Threaded Kirschner Wire
STAINLESS STEEL**

Code No.	Dia. mm	Length mm
185.215	1.5	225
185.220	2.0	225
185.225	2.5	225
185.315	1.5	150
185.320	2.0	150
185.325	2.5	150

**Rush Nails
STAINLESS STEEL**

Length in cm.	Diameters						
	2 mm	2.5 mm	3 mm	3.5 mm	4 mm	5 mm	6 mm
5	186.20-05	-	-	-	-	-	-
6	186.20-06	-	-	-	-	-	-
7	186.20-07	-	-	-	-	-	-
8	186.20-08	-	-	-	-	-	-
9	186.20-09	-	-	-	-	-	-
10	186.20-10	186.25-10	186.30-10	186.35-10	-	-	-
11	186.20-11	186.25-11	186.30-11	186.35-11	-	-	-
12	186.20-12	186.25-12	186.30-12	186.35-12	-	-	-
13	186.20-13	186.25-13	186.30-13	186.35-13	-	-	-
14	186.20-14	186.25-14	186.30-14	186.35-14	-	-	-
15	186.20-15	186.25-15	186.30-15	186.35-15	186.40-15	-	-
16	186.20-16	186.25-16	186.30-16	186.35-16	186.40-16	-	-
17	186.20-17	186.25-17	186.30-17	186.35-17	186.40-17	-	-
18	186.20-18	186.25-18	186.30-18	186.35-18	186.40-18	-	-
19	186.20-19	186.25-19	186.30-19	186.35-19	186.40-19	-	-
20	186.20-20	186.25-20	186.30-20	186.35-20	186.40-20	186.50-20	186.60-20
21	186.20-21	186.25-21	186.30-21	186.35-21	186.40-21	186.50-21	186.60-21
22	186.20-22	186.25-22	186.30-22	186.35-22	186.40-22	186.50-22	186.60-22
23	186.20-23	186.25-23	186.30-23	186.35-23	186.40-23	186.50-23	186.60-23
24	186.20-24	186.25-24	186.30-24	186.35-24	186.40-24	186.50-24	186.60-24
25	186.20-25	186.25-25	186.30-25	186.35-25	186.40-25	186.50-25	186.60-25
26	-	186.25-26	186.30-26	186.35-26	186.40-26	186.50-26	186.60-26
27	-	186.25-27	186.30-27	186.35-27	186.40-27	186.50-27	186.60-27
28	-	186.25-28	186.30-28	186.35-28	186.40-28	186.50-28	186.60-28
29	-	186.25-29	186.30-29	186.35-29	186.40-29	186.50-29	186.60-29
30	-	186.25-30	186.30-30	186.35-30	186.40-30	186.50-30	186.60-30
31	-	-	-	-	186.40-31	186.50-31	186.60-31
32	-	-	-	-	186.40-32	186.50-32	186.60-32
33	-	-	-	-	186.40-33	186.50-33	186.60-33
34	-	-	-	-	186.40-34	186.50-34	186.60-34
35	-	-	-	-	186.40-35	186.50-35	186.60-35
36	-	-	-	-	186.40-36	186.50-36	186.60-36
37	-	-	-	-	186.40-37	186.50-37	186.60-37
38	-	-	-	-	186.40-38	186.50-38	186.60-38
39	-	-	-	-	186.40-39	186.50-39	186.60-39
40	-	-	-	-	186.40-40	186.50-40	186.60-40



**Steinman Pins
STAINLESS STEEL**

Length in mm	Diameter				
	3 mm	3.5 mm	4 mm	4.5 mm	5 mm
150	187.30-15	187.35-15	187.40-15	187.45-15	187.50-15
175	187.30-17	187.35-17	187.40-17	187.45-17	187.50-17
200	187.30-20	187.35-20	187.40-20	187.45-20	187.50-20
225	187.30-22	187.35-22	187.40-22	187.45-22	187.50-22



**Centrally Threaded Steinmen Pin
STAINLESS STEEL**

Code No.	Dia. mm	Length mm
188.040	4.0	225
188.045	4.5	225
188.050	5.0	225
188.060	6.0	225

Profile:
Trocar Tip, Thread Diameter 0.5mm Larger than Pin Diameter.



**Staples - U Type
STAINLESS STEEL**

Dia. in mm	Width		
	15 mm	20 mm	25 mm
1.5	189.101	189.102	189.103
2.0	189.201	189.202	189.203
2.5	189.301	189.302	189.303
3.0	189.401	189.402	189.403

Profile:
Height: 20 mm



**Staples - Coventary
STAINLESS STEEL**

Code No.	Description
190.005	5 mm Step
190.010	10 mm Step
190.015	15 mm Step

□ INSTRUMENTS FOR STAPLES

INSTRUMENTS FOR 'U' STAPLES, S.S.

Code No.	Description
411.015	Staple - Inserter
411.020	Staple - Impactor
411.025	Staple - Extractor

INSTRUMENTS FOR CONVENTARY STAPLES, S.S.

Code No.	Description
410.015	Staple - Inserter
410.020	Staple - Impactor
410.025	Staple - Extractor



Austin Moore Pins, 3mm Dia. With 2 Nuts
STAINLESS STEEL

Code No.	Length mm
191.001	50
191.002	55
191.003	60
191.004	65
191.005	70
191.006	75
191.007	80
191.008	85
191.009	90
191.010	95
191.011	100
191.012	105
191.013	110
191.014	115
191.015	120
191.016	125
191.017	130
191.018	135
191.019	140
191.020	145
191.021	150



Knowles Pin
STAINLESS STEEL

Code No.	Dia. mm	Length mm
192.001	3	65
192.002	3	70
192.003	3	75
192.004	3	80
192.005	3	85
192.006	3	90
192.007	3	95
192.008	3	100
192.021	4	65
192.022	4	70
192.023	4	75
192.024	4	80
192.025	4	85
192.026	4	90
192.027	4	95
192.028	4	100



Cerclage Wire With Loop
STAINLESS STEEL

Length 280 mm	Dia.	Length 600 mm
193.217	17 SWG (1.5 mm)	193.317
193.218	18 SWG (1.25 mm)	193.318
193.219	19 SWG (1 mm)	193.319
193.220	20 SWG (0.9 mm)	193.320
193.221	21 SWG (0.8 mm)	193.321



Drummer Wire
STAINLESS STEEL

Code	Dia.
193.418	18 SWG (1.25 mm)
193.419	19 SWG (1 mm)
193.420	20 SWG (0.9 mm)

PINS & WIRE INSTRUMENTS

Code No.	Description
321.010	Wire Twister - Circular
321.020	Wire Tightner with Two Pegs
321.030	Wire Tightner/Twister
321.031	Wire Tightner cum Twister cum Cutter
322.010	K.Wire Introducer
322.030	K. Wire Bender
322.040 to 042	K. Wire Tractor-Small, Medium, Large
323.010 to 030	Wire Passer - Small, Medium, Large
324.010	Plier cum Wire Bender
324.030	Plier cum Wire Bender cum Wire Cutter, 9"
324.040	Plier cum Wire Bender cum Wire Cutter, 11"
324.050	Flat Nose Plier
325.010	T-handle with S.S.Chuck & Key
325.011	S.S.Chuck & Key
325.030 to 50	Steinmann Pin Holder - Small, Medium, Large
325.060 to 90	Steinmann Pin Holder, Extra Large - 14", 16", 18", 20"
326.010	Bone Awl
327.010	Small Heck Saw with two Imported Blades
327.012	Spare Blade for Small Heck Saw
328.000	Tripple Drill Guide 2.0mm
329.000	Long Forceps for Twisting Wire
330.000	Holding Forceps for Circlage Wire
331.000	Circlage Wire Tightner



Wire Tightner/Twister
Code No.: 321.030



Plier cum Wire Bender cum Wire Cutter
Code No.: 324.030



K - Wire Introducer
Code No.: 322.010



K. Wire Tractor-Small, Medium, Large
Code No.: 322.040 to 322.042



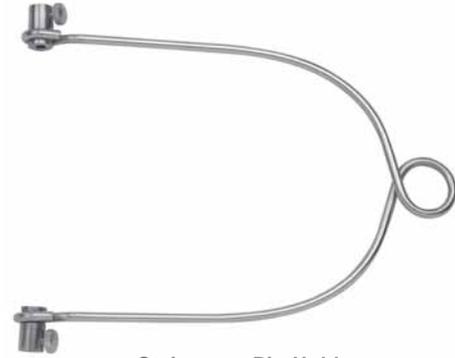
K. Wire Bender
Code No.: 322.030



Wire Passer
Code No.: 323.010



T-Handle with S.S.Chuck & Key
Code No.: 325.010



Steinmann Pin Holder
Code No.: 325.030



S.S.Chuck & Key
Code No.: 325.011



Tripple Drill Guide 2.0mm
Code No.: 328.000



Wire Tightner cum Twister cum Cutter
Code No.: 321.031



Bone Awl with Eye
Code No.: 326.010



Holding Forceps for Circlage Wire
Code No.: 330.000



Circlage Wire Tightner
Code No.: 331.000

WIRE IMPLANTS & INSTRUMENT SET
Code No.: IS025

Set Consisting of:

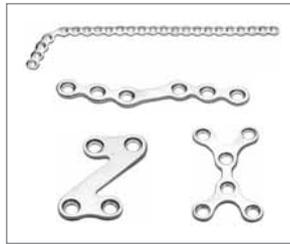
	Units
321.030 Wire Tightner Cum Twister	1
324.030 Plier cum Wire Bender cum Wire Cutter 9"	1
324.010 Plier Cum Wire Bender	1
322.030 K.Wire Bender	1
323.020 Wire Passer - Medium	2
322.010 K.Wire Introducer	1
325.010 T- Handle with Chuck (Steinmann Pin Introducer)	1
326.010 Bone Awl with Eye	1

IMPLANTS

185.117 K.Wire Dia 1.0mm, Length 225mm	15
185.141 K.Wire Dia 1.5mm, Length 225mm	15
185.157 K.Wire Dia 2.0mm, Length 225mm	15
185.187 K.Wire Dia 2.5mm, Length 225mm	15
185.197 K.Wire Dia 3.0mm, Length 225mm	15
184.218 S.S. Wire : 18 SWG (2 each)	2
184.220 S.S. Wire : 20 SWG (2 each)	2
184.222 S.S. Wire : 22 SWG (2 each)	2
187.30-22 Steinmann Pin Dia 3.5, Length 225mm (5 each)	5
187.40-22 Steinmann Pin Dia 4.0, Length 225mm (5 each)	5
187.45-22 Steinmann Pin Dia 4.5, Length 225mm (5 each)	5
400.015 S.S. Box with Two Trays 450mm Long	1 Set

□ MAXILLOFACIAL PRODUCTS

(IMPLANTS & INSTRUMENTS)



Copyright © Narang Medical Limited. All rights reserved.



NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance





Screws, 1.5mm

Length in mm.	Codes	
	S.S.	Titanium
4	01.04	Ti-01.04
6	01.06	Ti-01.06
8	01.08	Ti-01.08
10	01.10	Ti-01.10
12	01.12	Ti-01.12
14	01.14	Ti-01.14
16	01.16	Ti-01.16

Slotted Head.



Screws, 2mm

Length in mm.	Codes	
	S.S.	Titanium
4	02.04	Ti-02.04
6	02.06	Ti-02.06
8	02.08	Ti-02.08
10	02.10	Ti-02.10
12	02.12	Ti-02.12
14	02.14	Ti-02.14
16	02.16	Ti-02.16

Slotted Head.



Screws, 2.5mm

Length in mm.	Codes	
	S.S.	Titanium
4	03.04	Ti-03.04
6	03.06	Ti-03.06
8	03.08	Ti-03.08
10	03.10	Ti-03.10
12	03.12	Ti-03.12
14	03.14	Ti-03.14
16	03.16	Ti-03.16

Slotted Head.



Screws, 2.7mm

Length in mm.	Codes	
	S.S.	Titanium
4	04.04	Ti-04.04
6	04.06	Ti-04.06
8	04.08	Ti-04.08
10	04.10	Ti-04.10
12	04.12	Ti-04.12
14	04.14	Ti-04.14
16	04.16	Ti-04.16

Slotted Head.



Screws, 1.8mm

Length in mm.	Codes	
	S.S.	Titanium
4	05.04	Ti-05.04
6	05.06	Ti-05.06
8	05.08	Ti-05.08
10	05.10	Ti-05.10
12	05.12	Ti-05.12
14	05.14	Ti-05.14
16	05.16	Ti-05.16

Slotted Head.



Screws, 2.3mm

Length in mm.	Codes	
	S.S.	Titanium
4	06.04	Ti-06.04
6	06.06	Ti-06.06
8	06.08	Ti-06.08
10	06.10	Ti-06.10
12	06.12	Ti-06.12
14	06.14	Ti-06.14
16	06.16	Ti-06.16

Slotted Head.



Continuous Hole Plate

No. of Holes	Codes (S.S.)			Codes (Titanium)		
	1.5 mm	2 mm	2.5 mm	1.5 mm	2 mm	2.5 mm
4	15.04	20.04	25.04	Ti-15.04	Ti-20.04	Ti-25.04
6	15.06	20.06	25.06	Ti-15.06	Ti-20.06	Ti-25.06
8	15.08	20.08	25.08	Ti-15.08	Ti-20.08	Ti-25.08
10	15.10	20.10	25.10	Ti-15.10	Ti-20.10	Ti-25.10
12	15.12	20.12	25.12	Ti-15.12	Ti-20.12	Ti-25.12
14	15.14	20.14	25.14	Ti-15.14	Ti-20.14	Ti-25.14
16	15.16	20.16	25.16	Ti-15.16	Ti-20.16	Ti-25.16
18	15.18	20.18	25.18	Ti-15.18	Ti-20.18	Ti-25.18
20	15.20	20.20	25.20	Ti-15.20	Ti-20.20	Ti-25.20
22	15.22	20.22	25.22	Ti-15.22	Ti-20.22	Ti-25.22
24	15.24	20.24	25.24	Ti-15.24	Ti-20.24	Ti-25.24



Y Plate 5 Holes

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	37.15	Ti-37.15
2.0	37.20	Ti-37.20
2.5	37.25	Ti-37.25



Nose Plate, X shape, 10 Holes

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	10.15	Ti-10.15
2.0	10.20	Ti-10.20
2.5	10.25	Ti-10.25



Long Y Plate 4 Holes

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	38.15	Ti-38.15
2.0	38.20	Ti-38.20
2.5	38.25	Ti-38.25



Double Y Plate, 6 Holes

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	30.15	Ti-30.15
2.0	30.20	Ti-30.20
2.5	30.25	Ti-30.25



L Plate, 4 Holes, Left

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	31.15L	Ti-31.15L
2.0	31.20L	Ti-31.20L
2.5	31.25L	Ti-31.25L



L Plate, 4 Holes, Right

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	31.15R	Ti-31.15R
2.0	31.20R	Ti-31.20R
2.5	31.25R	Ti-31.25R



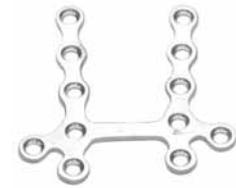
Long L Plate, 4 Holes, Left

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	31L.15L	Ti-31L.15L
2.0	31L.20L	Ti-31L.20L
2.5	31L.25L	Ti-31L.25L



Long L Plate, 4 Holes, Right

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	31L.15R	Ti-31L.15R
2.0	31L.20R	Ti-31L.20R
2.5	31L.25R	Ti-31L.25R



Nose Plate, 12 Holes

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	12.15	Ti-12.15
2.0	12.20	Ti-12.20
2.5	12.25	Ti-12.25



X Plate, 5 Holes

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	35.15	Ti-35.15
2.0	35.20	Ti-35.20
2.5	35.25	Ti-35.25



Reconstruction Plate, 2.7mm

No. of Holes	Codes	
	S.S.	Titanium
4	27.04	Ti-27.04
6	27.06	Ti-27.06
8	27.08	Ti-27.08
10	27.10	Ti-27.10
12	27.12	Ti-27.12
14	27.14	Ti-27.14
16	27.16	Ti-27.16
18	27.18	Ti-27.18
20	27.20	Ti-27.20
22	27.22	Ti-27.22
24	27.24	Ti-27.24
26	27.26	Ti-27.26
28	27.28	Ti-27.28
30	27.30	Ti-27.30
32	27.32	Ti-27.32
34	27.34	Ti-27.34
36	27.36	Ti-27.36
38	27.38	Ti-27.38
40	27.40	Ti-27.40
42	27.42	Ti-27.42
44	27.44	Ti-27.44
46	27.46	Ti-27.46
48	27.48	Ti-27.48
50	27.50	Ti-27.50



Unilock Plate 2.7mm,
Right Angled, 150°

No. of Holes	Codes	
	S.S.	Titanium
12	36.12R	Ti-36.12R
14	36.14R	Ti-36.14R
16	36.16R	Ti-36.16R
18	36.18R	Ti-36.18R
20	36.20R	Ti-36.20R



Z Plate, Left

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	34.15L	Ti-34.15L
2.0	34.20L	Ti-34.20L
2.5	34.25L	Ti-34.25L



Unilock Plate 2.7mm,
Left Angled, 150°

No. of Holes	Codes	
	S.S.	Titanium
12	36.12L	Ti-36.12L
14	36.14L	Ti-36.14L
16	36.16L	Ti-36.16L
18	36.18L	Ti-36.18L
20	36.20L	Ti-36.20L



Z Plate, Right

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	34.15R	Ti-34.15R
2.0	34.20R	Ti-34.20R
2.5	34.25R	Ti-34.25R



Straight Plate with Bridge

No. of Holes	Codes (S.S.)			Codes (Titanium)		
	1.5 mm	2 mm	2.5 mm	1.5 mm	2 mm	2.5 mm
2	26.02	28.02	29.02	Ti-26.02	Ti-28.02	Ti-29.02
4	26.04	28.04	29.04	Ti-26.04	Ti-28.04	Ti-29.04
6	26.06	28.06	29.06	Ti-26.06	Ti-28.06	Ti-29.06
8	26.08	28.08	29.08	Ti-26.08	Ti-28.08	Ti-29.08



Orbital Plate, 6 Holes

No. of Holes	Codes (S.S.)			Codes (Titanium)		
	1.5 mm	2 mm	2.5 mm	1.5 mm	2 mm	2.5 mm
4	54.04	55.04	56.04	Ti-54.04	Ti-55.04	Ti-56.04
6	54.06	55.06	56.06	Ti-54.06	Ti-55.06	Ti-56.06



Right Angle Plate

No. of Holes	Codes (S.S.)			Codes (Titanium)		
	1.5 mm	2 mm	2.5 mm	1.5 mm	2 mm	2.5 mm
4	17.04R	18.04R	19.04R	Ti-17.04R	Ti-18.04R	Ti-19.04R
6	17.06R	18.06R	19.06R	Ti-17.06R	Ti-18.06R	Ti-19.06R



Left Angle Plate

No. of Holes	Codes (S.S.)			Codes (Titanium)		
	1.5 mm	2 mm	2.5 mm	1.5 mm	2 mm	2.5 mm
4	17.04L	18.04L	19.04L	Ti-17.04L	Ti-18.04L	Ti-19.04L
6	17.06L	18.06L	19.06L	Ti-17.06L	Ti-18.06L	Ti-19.06L



T Plate - Long, 6 Holes

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	50.15	Ti-50.15
2.0	50.20	Ti-50.20
2.5	50.25	Ti-50.25



T Plate - Small, 4 Holes

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	51.15	Ti-51.15
2.0	51.20	Ti-51.20
2.5	51.25	Ti-51.25



Long I Plate, 6 Holes

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	52.15	Ti-52.15
2.0	52.20	Ti-52.20
2.5	52.25	Ti-52.25



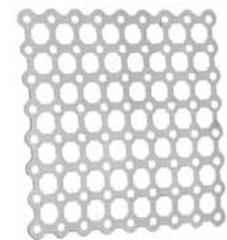
2mm Plate, 150°, Left

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	53.15L	Ti-53.15L
2.0	53.20L	Ti-53.20L
2.5	53.25L	Ti-53.25L



2mm Plate, 150°, Right

Dia. in mm.	Codes	
	S.S.	Titanium
1.5	53.15R	Ti-53.15R
2.0	53.20R	Ti-53.20R
2.5	53.25R	Ti-53.25R



Mesh Plate

Size in mm.	Codes	
	S.S.	Titanium
50 x 50	59.50	Ti-59.50
75 x 75	59.75	Ti-59.75
100 x 100	59.100	Ti-59.100

□ INSTRUMENTS FOR PLASTIC, ORAL &
MAXILLOFACIAL SURGERY



Mini Hand Drill
Code No.: 95.01



Self Holding Screw Driver, 1.5mm
Code No.: 95.04



Self Holding Screw Driver, 2mm
Code No.: 95.07



Self Holding Screw Driver 2.5mm
Code No.: 95.10



Nylon Faced Hammer
Code No.: 95.13



Osteotome 8mm
Code No.: 95.16



Plier_2
Code No.: 95.19



Desmarres Retractor
Code No.: 95.22



Depth Gauge
Code No.: 95.25



Trocar Sleeve 1.5/2.5mm
Code No.: 95.28



Plier_1
Code No.: 95.31



Bone Holding Forceps
Code No.: 95.34



Plate Holding Forceps
Code No.: 95.37



Cryer Elevator
Code No.: 95.40



Tessier Osteotome
Code No.: 95.43



Fergusone Bone Forceps
Code No.: 95.46



Screw Holding Forceps
Code No.: 95.49



Arch Bar-30cm
Code No.: 95.52



Plate Holding Forceps Plier Type
Code No.: 95.64



Plate Bending Pair
Code No.: 95.67



Row maxillary disimpaction forceps_Left
Code No.: 95.70



Row Maxillary Disimpaction Forceps - Right
Code No.: Code No.: 95.73



Awty Osteotomy Retractor
Code No.: Code No.: 95.76



Bone Cutter or Nibbler - 5 or 7 inches
Code No.: Code No.: 95.79



Doyen Mouth Gag
Code No.: 95.91



Wire Cutter, S.S
Code No.: 95.107



Dental Elevator Left and Right
Code No.: 95.97



Heister Jaw Opener
Code No.: 95.101



Custroviado Needle Holder
Code No.: 95.111



**Walsham Nasal Septum Forceps
Left and Right**
Code No.: 95.117



Double Ended Curette
Code No.: 95.120



Double Ended Elevator Spoon Shape
Code No.: 95.114



Howarth Elevator DIE
Code No.: 95.123



Asch Septum Forceps - Left and Right
Code No.: 95.130



Maliet
Code No.: 95.133



Kilner Skin Retractor
Code No.: 95.127



Kilner Skin Retractor
Code No.: 95.136



Langenbeck Retractor
Code No.: 95.139



Ramis-Retractor
Code No.: 95.142



Suture Wire - S.S.
Code No.: 184.216*



Straight-Elevator
Code No.: 95.145



Warf-Osteotomes
Code No.: 95.154



Bone File
Code No.: 95.171



**Periosteal Elevator Double Ended
Small and Large**
Code No.: 95.174



Hauton William Maxillary Forceps
Code No.: 95.160



Wire Cutter T C Up with Spring
Code No.: 95.157



Ferguson Mouth Gag
Code No.: 95.163



Tessier Maxillary Mobiliser - Left
Code No.: 95.181



Tessier Maxillary Mobiliser - Right
Code No.: 95.182

□ MINI FRAGMENT IMPLANTS & INSTRUMENTS



Copyright © Narang Medical Limited. All rights reserved.



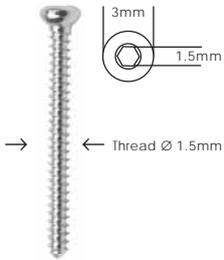
NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance



□ BONE SCREWS & PLATES

1.5MM CORTICAL SCREWS, MINI



Length in mm.	Codes	
	Stainless Steel	Titanium
6	118.006	Ti-118.006
7	118.007	Ti-118.007
8	118.008	Ti-118.008
9	118.009	Ti-118.009
10	118.010	Ti-118.010
11	118.011	Ti-118.011
12	118.012	Ti-118.012
14	118.014	Ti-118.014
16	118.016	Ti-118.016
18	118.018	Ti-118.018
20	118.020	Ti-118.020

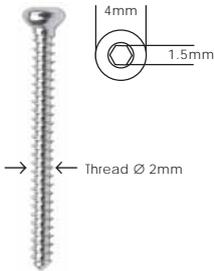
Drill Bit: 1.1mm



MINI STRAIGHT PLATES FOR 2MM SCREWS

No. of Holes	Codes	
	Stainless Steel	Titanium
2	121.102	Ti-121.102
3	121.103	Ti-121.103
4	121.104	Ti-121.104
5	121.105	Ti-121.105
6	121.106	Ti-121.106
7	121.107	Ti-121.107
8	121.108	Ti-121.108

2.0MM CORTICAL SCREWS, MINI



Length in mm.	Codes	
	Stainless Steel	Titanium
6	118.106	Ti-118.106
7	118.107	Ti-118.107
8	118.108	Ti-118.108
9	118.109	Ti-118.109
10	118.110	Ti-118.110
11	118.111	Ti-118.111
12	118.112	Ti-118.112
14	118.114	Ti-118.114
16	118.116	Ti-118.116
18	118.118	Ti-118.118
20	118.120	Ti-118.120

Drill Bit: 1.5mm



MINI L PLATE FOR 2MM SCREWS

	Stainless Steel	Titanium
Left Leg	122.101	Ti-122.101
Right Leg	122.102	Ti-122.102

Profile:
Shaft with two holes & head with two holes.



MINI T PLATE FOR 2MM SCREWS

	Stainless Steel	Titanium
Code No.	123.100	Ti-123.100

Profile:
Shaft with two holes & head with two holes.



DCP PLATES - 2.0MM

No. of Holes	Codes	
	Stainless Steel	Titanium
4	121.554	Ti-121.554
5	121.555	Ti-121.555
6	121.556	Ti-121.556
7	121.557	Ti-121.557
8	121.558	Ti-121.558



Mini Hexagonal Screw Driver with Sleeve (1.5mm Tip)
Code No.: 311.002



Mini Periosteal Elevator
Code No.: 311.017



Mini Tap Sleeve
Code No.: 311.004



Mini Drill Sleeve
Code No.: 311.003



Mini Depth Gauge
Code No.: 311.005



Mini Plate Bender (Pair)
Code No.: 311.010



Mini Neutral & Loaded Drill Guide
Code No.: 311.009



Hollow Mill for 1.5mm & 2.0mm Screws
Code No.: 311.012



Mini Screw Holding Forceps (for 1.5 & 2.0mm Screws)
Code No.: 311.011



Mini Self Retaining Retractor for Fingers
Code No.: 311.006



Mini Self Retaining Retractor for Metacarpals
Code No.: 311.007



Mini Self Retaining Retractor for Metacarpals (with Hinge)
Code No.: 311.008



Mini Plate Holding Forceps
Code No.: 311.013



Mini Plate & Bone Holding Forceps
Code No.: 311.014



Mini Reduction Forceps (Serrated)
Code No.: 311.015



Mini Reduction Forceps (Pointed)
Code No.: 311.016



Mini Chisels Sizes: 4, 6, 8, 10 & 12mm
Code No.: 311.018 to 022



Mini Osteotomes Sizes: 4, 6, 8, 10 & 12mm
Code No.: 311.023 to 027



Mini Gouge Sizes: 4, 6, 8, 10 & 12mm
Code No.: 311.028 to 032

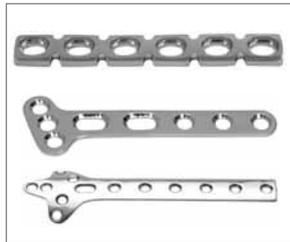


Mini Hohmann Retractors Sizes: 6, 8, 10mm
Code No.: 311.034 to 036



Mini Hand Drill
Code No.: 311.033

SMALL FRAGMENT IMPLANTS & INSTRUMENTS



Copyright © Narang Medical Limited. All rights reserved.



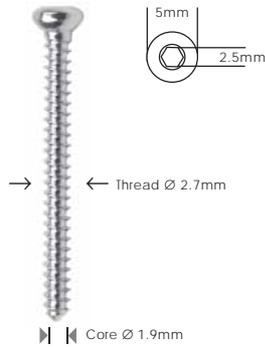
NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance



□ BONE SCREWS

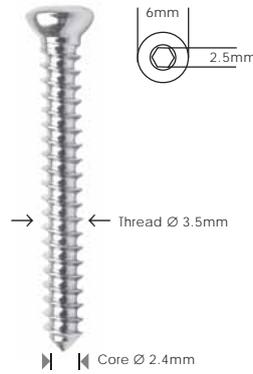
2.7MM CORTICAL SCREWS



Length in mm.	Codes	
	S.S.	Titanium
6	101.006	Ti-101.006
8	101.008	Ti-101.008
10	101.010	Ti-101.010
12	101.012	Ti-101.012
14	101.014	Ti-101.014
16	101.016	Ti-101.016
18	101.018	Ti-101.018
20	101.020	Ti-101.020
22	101.022	Ti-101.022
24	101.024	Ti-101.024
26	101.026	Ti-101.026
28	101.028	Ti-101.028
30	101.030	Ti-101.030

Drill Bit: 2mm

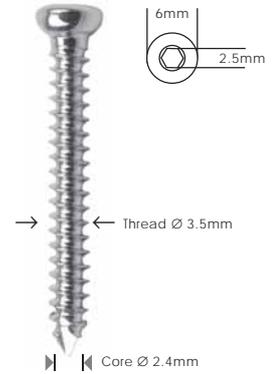
3.5MM CORTICAL SCREWS



Length in mm.	Codes	
	S.S.	Titanium
10	102.010	Ti-102.010
12	102.012	Ti-102.012
14	102.014	Ti-102.014
16	102.016	Ti-102.016
18	102.018	Ti-102.018
20	102.020	Ti-102.020
22	102.022	Ti-102.022
24	102.024	Ti-102.024
26	102.026	Ti-102.026
28	102.028	Ti-102.028
30	102.030	Ti-102.030
32	102.032	Ti-102.032
34	102.034	Ti-102.034
36	102.036	Ti-102.036
38	102.038	Ti-102.038
40	102.040	Ti-102.040
42	102.042	Ti-102.042
44	102.044	Ti-102.044
46	102.046	Ti-102.046
48	102.048	Ti-102.048
50	102.050	Ti-102.050

Drill Bit: 2.5mm

3.5MM CORTICAL SCREWS, SELF TAPPING



Length in mm.	Codes	
	S.S.	Titanium
10	102.210	Ti-102.210
12	102.212	Ti-102.212
14	102.214	Ti-102.214
16	102.216	Ti-102.216
18	102.218	Ti-102.218
20	102.220	Ti-102.220
22	102.222	Ti-102.222
24	102.224	Ti-102.224
26	102.226	Ti-102.226
28	102.228	Ti-102.228
30	102.230	Ti-102.230
32	102.232	Ti-102.232
34	102.234	Ti-102.234
36	102.236	Ti-102.236
38	102.238	Ti-102.238
40	102.240	Ti-102.240
42	102.242	Ti-102.242
44	102.244	Ti-102.244
46	102.246	Ti-102.246
48	102.248	Ti-102.248
50	102.250	Ti-102.250

Drill Bit: 2.5mm

Length in mm.	Codes	
	S.S.	Titanium
6	101.206	Ti-101.206
8	101.208	Ti-101.208
10	101.210	Ti-101.210
12	101.212	Ti-101.212
14	101.214	Ti-101.214
16	101.216	Ti-101.216
18	101.218	Ti-101.218
20	101.220	Ti-101.220
22	101.222	Ti-101.222
24	101.224	Ti-101.224
26	101.226	Ti-101.226
28	101.228	Ti-101.228
30	101.230	Ti-101.230

Drill Bit: 2mm

2.7MM CORTICAL SCREWS SELF TAPPING





3.5MM CANCELLOUS SCREWS



Length in mm.	Codes	
	S.S.	Titanium
10	103.010	Ti-103.010
12	103.012	Ti-103.012
14	103.014	Ti-103.014
16	103.016	Ti-103.016
18	103.018	Ti-103.018
20	103.020	Ti-103.020
22	103.022	Ti-103.022
24	103.024	Ti-103.024
26	103.026	Ti-103.026
28	103.028	Ti-103.028
30	103.030	Ti-103.030
35	103.035	Ti-103.035
40	103.040	Ti-103.040
45	103.045	Ti-103.045
50	103.050	Ti-103.050
55	103.055	Ti-103.055
60	103.060	Ti-103.060

Drill Bit: 2.5mm

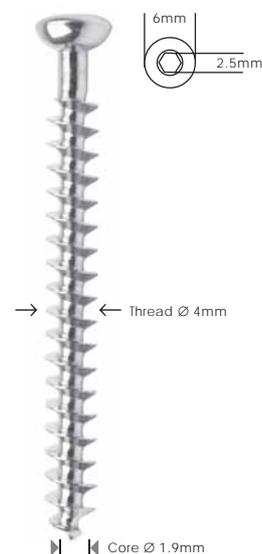
4.0 MM CANCELLOUS SCREWS, SHORT-THREAD



Length in mm.	Codes	
	S.S.	Titanium
10	104.010	Ti-104.010
12	104.012	Ti-104.012
14	104.014	Ti-104.014
16	104.016	Ti-104.016
18	104.018	Ti-104.018
20	104.020	Ti-104.020
22	104.022	Ti-104.022
24	104.024	Ti-104.024
26	104.026	Ti-104.026
28	104.028	Ti-104.028
30	104.030	Ti-104.030
35	104.035	Ti-104.035
40	104.040	Ti-104.040
45	104.045	Ti-104.045
50	104.050	Ti-104.050
55	104.055	Ti-104.055
60	104.060	Ti-104.060

Drill Bit: 2.5mm

4.0MM CANCELLOUS SCREWS, FULL-THREAD



Length in mm.	Codes	
	S.S.	Titanium
10	105.010	Ti-105.010
12	105.012	Ti-105.012
14	105.014	Ti-105.014
16	105.016	Ti-105.016
18	105.018	Ti-105.018
20	105.020	Ti-105.020
22	105.022	Ti-105.022
24	105.024	Ti-105.024
26	105.026	Ti-105.026
28	105.028	Ti-105.028
30	105.030	Ti-105.030
35	105.035	Ti-105.035
40	105.040	Ti-105.040
45	105.045	Ti-105.045
50	105.050	Ti-105.050
55	105.055	Ti-105.055
60	105.060	Ti-105.060

Profile:
 Not to be used as lag screw.
 Drill Bit: 2.0mm

WASHER FOR SMALL SCREWS

	Stainless Steel	Titanium
Code No.	115.010	Ti-115.010



□ PLATES

3.5MM SHAFT SCREW FOR LC-DCP



Length in mm.	Codes	
	S.S.	Titanium
12	113.012	Ti-113.012
14	113.014	Ti-113.014
16	113.016	Ti-113.016
18	113.018	Ti-113.018
20	113.020	Ti-113.020
22	113.022	Ti-113.022
24	113.024	Ti-113.024
26	113.026	Ti-113.026
28	113.028	Ti-113.028
30	113.030	Ti-113.030
32	113.032	Ti-113.032
34	113.034	Ti-113.034
36	113.036	Ti-113.036
38	113.038	Ti-113.038
40	113.040	Ti-113.040
45	113.045	Ti-113.045
50	113.050	Ti-113.050
55	113.055	Ti-113.055
60	113.060	Ti-113.060

Drill Bit for Threaded Hole: 2.5mm
Drill Bit for Gliding Hole: 3.5mm



QUARTER TUBULAR PLATE FOR 2.7MM SCREWS

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
2	18	131.102	Ti-131.102
3	26	131.103	Ti-131.103
4	34	131.104	Ti-131.104
5	42	131.105	Ti-131.105
6	50	131.106	Ti-131.106
7	58	131.107	Ti-131.107
8	66	131.108	Ti-131.108
9	74	131.109	Ti-131.109
10	82	131.110	Ti-131.110



DCP PLATES - 2.7MM

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
2	20	132.102	Ti-132.102
3	28	132.103	Ti-132.103
4	36	132.104	Ti-132.104
5	44	132.105	Ti-132.105
6	52	132.106	Ti-132.106
7	60	132.107	Ti-132.107
8	68	132.108	Ti-132.108
9	76	132.109	Ti-132.109
10	84	132.110	Ti-132.110
12	100	132.112	Ti-132.112

Thickness (upto 6 Holes): 2mm
(7 to 12 Holes): 2.5mm

3.5MM MALLEOLAR SCREW



Length in mm.	Codes	
	S.S.	Titanium
25	107.225	Ti-107.225
30	107.230	Ti-107.230
35	107.235	Ti-107.235
40	107.240	Ti-107.240
45	107.245	Ti-107.245
50	107.250	Ti-107.250
55	107.255	Ti-107.255
60	107.260	Ti-107.260
65	107.265	Ti-107.265
70	107.270	Ti-107.270

Drill Bit: 2.5mm

SCREW SET-SMALL, S.S.

Code No.: IS015

Set Consisting of:	Units
3.5mm Cortical Screws	64
4 each, Length 10, 12, 20, 22, 24, 26, 28, 32, 36, 40	
8 each, Length 14, 16 & 18mm	
4.0mm Cancellous Bone Screw	32
2 each Length 12, 14, 16, 18, 20, 22, 24,	
26, 28, 30, 35, 40, 45, 50, 55 and 60mm	
3.5mm Cancellous Screws	32
2 each, Length 12, 14, 16, 18, 20, 22, 24,	
26, 28, 30, 35, 40, 45, 50, 55 and 60mm	
Screw Holding Forceps	1
S.S.Box with Screw Tray (400.025)	1 set



**RECONSTRUCTION PLATE FOR 2.7MM SCREWS
STRAIGHT**

No. of Holes	Codes	
	S.S.	Titanium
2	135.102	Ti-135.102
3	135.103	Ti-135.103
4	135.104	Ti-135.104
5	135.105	Ti-135.105
6	135.106	Ti-135.106
7	135.107	Ti-135.107
8	135.108	Ti-135.108
9	135.109	Ti-135.109
10	135.110	Ti-135.110
11	135.111	Ti-135.111
12	135.112	Ti-135.112
14	135.114	Ti-135.114
16	135.116	Ti-135.116
18	135.118	Ti-135.118
20	135.120	Ti-135.120
22	135.122	Ti-135.122
24	135.124	Ti-135.124



L PLATE FOR 2.7MM SCREWS

	Stainless Steel	Titanium
Left Leg	133.101	Ti-133.101
Right Leg	133.102	Ti-133.102

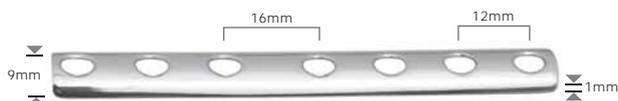
Shaft with three holes & head with two holes.



T-PLATE FOR 2.7MM SCREWS

	Stainless Steel	Titanium
Code No.	134.100	Ti-134.100

Shaft with three holes & head with two holes.



ONE THIRD TUBULAR PLATES

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
2	28	138.102	Ti-138.102
3	40	138.103	Ti-138.103
4	52	138.104	Ti-138.104
5	64	138.105	Ti-138.105
6	76	138.106	Ti-138.106
7	88	138.107	Ti-138.107
8	100	138.108	Ti-138.108
9	112	138.109	Ti-138.109
10	124	138.110	Ti-138.110
11	136	138.111	Ti-138.111
12	148	138.112	Ti-138.112

Used as buttress plate for fibula, metatarsals and metacarpals.
 Fixation with 3.5 & 4mm screws.
 Compression effect can be achieved by eccentric insertion of remote screws.
 (One-third tube 12mm dia.)



ONE-THIRD TUBULAR PLATE WITH COLLAR

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
2	28	139.122	Ti-139.122
3	40	139.123	Ti-139.123
4	52	139.124	Ti-139.124
5	64	139.125	Ti-139.125
6	76	139.126	Ti-139.126
7	88	139.127	Ti-139.127
8	100	139.128	Ti-139.128
9	112	139.129	Ti-139.129
10	124	139.130	Ti-139.130
11	136	139.131	Ti-139.131
12	148	139.132	Ti-139.132

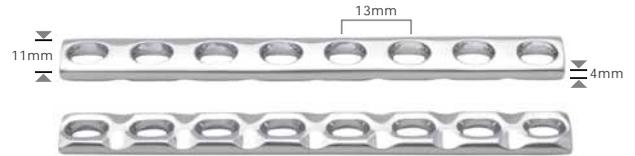
Used as buttress plate for fibula, metatarsals and metacarpals.
 Fixation with 3.5 & 4mm screws.
 Compression effect can be achieved by eccentric insertion of remote screws. (One-third tube 12mm dia.)



DCP PLATES - 3.5MM

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
2	25	140.102	Ti-140.102
3	37	140.103	Ti-140.103
4	49	140.104	Ti-140.104
5	61	140.105	Ti-140.105
6	73	140.106	Ti-140.106
7	85	140.107	Ti-140.107
8	97	140.108	Ti-140.108
9	109	140.109	Ti-140.109
10	121	140.110	Ti-140.110
11	133	140.111	Ti-140.111
12	145	140.112	Ti-140.112
13	157	140.113	Ti-140.113
14	169	140.114	Ti-140.114

for Ulna and Radius. Fixation with 3.5 & 4.5mm screws



LC-DCP PLATE FOR 3.5MM SCREWS

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
3	38	147.103	Ti-147.103
4	51	147.104	Ti-147.104
5	64	147.105	Ti-147.105
6	77	147.106	Ti-147.106
7	90	147.107	Ti-147.107
8	103	147.108	Ti-147.108
9	116	147.109	Ti-147.109
10	129	147.110	Ti-147.110
11	142	147.111	Ti-147.111
12	155	147.112	Ti-147.112
13	168	147.113	Ti-147.113
14	181	147.114	Ti-147.114

for Ulna & Radius. Fixation with 3.5mm & 4mm screws.



HOOK PLATE FOR 3.5MM SCREWS

No. of Holes	Codes	
	S.S.	Titanium
4	148.104	Ti-148.104
5	148.105	Ti-148.105
6	148.106	Ti-148.106
7	148.107	Ti-148.107
8	148.108	Ti-148.108
10	148.110	Ti-148.110



SMALL T-PLATES, RIGHT ANGLED WITH 3 HEAD HOLES

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
3	39	141.103	Ti-141.103
4	56	141.104	Ti-141.104
5	67	141.105	Ti-141.105
6	78	141.106	Ti-141.106

for the Left and Right Radius. Fixation with 3.5mm & 4mm screws.



SMALL T-PLATES, OBLIQUE ANGLED

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
3	39	142.103L	Ti-142.103L
4	63	142.104L	Ti-142.104L
5	67	142.105L	Ti-142.105L
6	78	142.106L	Ti-142.106L
3	39	142.103R	Ti-142.103R
4	63	142.104R	Ti-142.104R
5	67	142.105R	Ti-142.105R
6	78	142.106R	Ti-142.106R

for the Left and Right Radius. Fixation with 3.5mm & 4mm screws. Head with three holes.



SMALL T-PLATES, RIGHT ANGLED WITH 4 HEAD HOLES

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
3	39	141.203	Ti-141.203
4	56	141.204	Ti-141.204
5	67	141.205	Ti-141.205
6	78	141.206	Ti-141.206

For the Left and Right Radius. Fixation with 3.5mm & 4mm screws.



3.5MM STRAIGHT PELVIC RECONSTRUCTION PLATES STRAIGHT

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
5	58	144.105	Ti-144.105
6	70	144.106	Ti-144.106
7	82	144.107	Ti-144.107
8	94	144.108	Ti-144.108
9	106	144.109	Ti-144.109
10	118	144.110	Ti-144.110
11	130	144.111	Ti-144.111
12	142	144.112	Ti-144.112
13	154	144.113	Ti-144.113
14	166	144.114	Ti-144.114
15	178	144.115	Ti-144.115
16	190	144.116	Ti-144.116
17	202	144.117	Ti-144.117
18	214	144.118	Ti-144.118
19	226	144.119	Ti-144.119
20	238	144.120	Ti-144.120
21	250	144.121	Ti-144.121
22	262	144.122	Ti-144.122

Do Not Bend more than 15°. Fixation with 3.5 & 4.0mm screws.



CLOVERLEAF PLATES

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
3	88	146.103	Ti-146.103
4	104	146.104	Ti-146.104
5	120	146.105	Ti-146.105
6	136	146.106	Ti-146.106
7	152	146.107	Ti-146.107
8	168	146.108	Ti-146.108
9	184	146.109	Ti-146.109
10	200	146.110	Ti-146.110
11	216	146.111	Ti-146.111
12	232	146.112	Ti-146.112
13	248	146.113	Ti-146.113
14	264	146.114	Ti-146.114

For distal Intra-Articular tibial Fractures. Fixation with 3.5mm & 4.0mm Screws.



3.5MM STRAIGHT PELVIC RECONSTRUCTION PLATES CURVED

No. of Holes	Codes	
	S.S.	Titanium
5	144.105C	Ti-144.105C
6	144.106C	Ti-144.106C
7	144.107C	Ti-144.107C
8	144.108C	Ti-144.108C
9	144.109C	Ti-144.109C
10	144.110C	Ti-144.110C
11	144.111C	Ti-144.111C
12	144.112C	Ti-144.112C
13	144.113C	Ti-144.113C
14	144.114C	Ti-144.114C

Fixation with 3.5 & 4.0mm screws.



SEMI TUBULAR PLATE FOR 3.5MM SCREWS

No. of Holes	Codes	
	S.S.	Titanium
2	143.102	Ti-143.102
3	143.103	Ti-143.103
4	143.104	Ti-143.104
5	143.105	Ti-143.105
6	143.106	Ti-143.106
7	143.107	Ti-143.107
8	143.108	Ti-143.108
9	143.109	Ti-143.109
10	143.110	Ti-143.110
12	143.112	Ti-143.112



Y-RECONSTRUCTION PLATES

No. of Holes	Size	Codes	
		S.S.	Titanium
6	Small	145.102	Ti-145.102
9	Medium	145.103	Ti-145.103
12	Large	145.104	Ti-145.104



CALCANEAL PLATE FOR 3.5MM SCREWS

Length in mm	Codes	
	S.S.	Titanium
60	137.160	Ti-137.160
70	137.170	Ti-137.170

for Calcaneus Fractures. Fixation with 3.5mm and 4mm screws.

□ INSTRUMENTS FOR SMALL FRAGMENTS



DRILL BIT - S.S. - QUICK COUPLING END

Code No.	Dia. mm	Length mm
260.200	2.0	100
260.251	2.5	130
260.320	3.2	130
260.350	3.5	130

Other sizes are available under *General Instruments*.



DRILL BIT - PLAIN SHANK / JACOB CHUCK END

Code No.	Dia. mm	Length mm
261.620	2.0	100
261.626	2.5	130
261.632	3.2	130
261.635	3.5	130

Other sizes are available under *General Instruments*.



BONE TAP WITH T-HANDLE

Code No.	Dia. mm	
263.020	2.7	Cortical
263.025	3.5	Cortical
263.030	3.5	Cancellous
263.038	4.0	Cancellous

Other sizes are available under *General Instruments*.



BONE TAP - QUICK COUPLING END

Code No.	Dia. mm	
264.020	2.7	Cortical
264.025	3.5	Cortical
264.030	3.5	Cancellous
264.038	4.0	Cancellous

Other sizes are available under *General Instruments*.



**Counter Sink for 3.5, 4.0mm Screws
(6.0mm Head)**
Code No.: 305.020



**Counter Sink, Quick Coupling
for 3.5, 4.0mm Screws (6.0mm Head)**
Code No.: 305.059



Quick Coupling Handle (T-Type)
Code No.: 306.010



Quick Coupling Fibre Handle with Rotation
Code No.: 306.020



Quick Coupling Adaptor with Jacob End
Code No.: 306.030



Lane Screw Driver
Code No.: 301.010



Hexagonal Screw Driver with Sleeve, 2.5mm Tip
Code No.: 301.020



Hexagonal Screw Driver, 2.5mm Tip
Code No.: 301.040



Plate Bending Press
Code No.: 302.070



Screw Driver Shaft, Q.C. End - 2.5mm Tip
Code No.: 301.060



Plate Bender for Small Fragment Plates
Code No.: 302.071



**Hollow Mill for removal of Screws
Medium - for 3.5mm Screws**
Code No.: 310.020



Hollow Mill for Removal of Drill Bits
Code No.: 310.010



Screw Holding Forceps
Code No.: 309.000



Small Plate Bender - Pair
Code No.: 302.010



Small Depth Gauge
Code No.: 303.010



Small Neutral & Loaded Drill Guide
Code No.: 304.010



Drill Sleeve 2.5mm
Code No.: 307.020



Drill & Tap Sleeve Combined 2.5/3.5mm
Code No.: 307.060



**Plate Bender
for 2.7mm & 3.5mm reconstruction Plates**
Code No.: 302.040



Insert Drill Sleeve 2.5/3.5mm
Code No.: 307.090

□ INSTRUMENTS SET FOR SMALL FRAGMENTS

SMALL FRAGMENT INSTRUMENTS SET, S.S. Code No.: IS011M

<i>Set Consisting of:</i>		Units
260.250	Drill Bit 2.5mm Dia	2
260.350	Drill Bit 3.5mm Dia	2
305.020	Counter Sink for 3.5, 4.0mm Screws (6.0mm Head)	1
264.025	Tap of 3.5mm Cortical Screw	2
264.038	Tap of 4.0mm Cancellous Screw	2
306.010	Quick Coupling Handle (T-Type)	1
307.060	Drill & Tap Sleeve Combined 3.5/2.5mm	1
307.090	Insert Drill Sleeve 2.5mm / 3.5mm	1
301.060	Small Hexagonal Screw Driver Shaft	1
301.040	Small Hexagonal Screw Driver	1
303.010	Depth Gauge Small	1
371.000	Sharp Hook	1
302.010	Small Plate Bender for Plates 2.7 & 3.5mm	1
340.020	Self Centering Bone Holding Forceps- 190mm	1
379.015	Hohman Retractors, Small, 8mm Wide, 160mm	2
381.012	Periosteal Elevator, Straight/Curved 12mm	1
379.020	Hohman Retractors, 15mm Wide, 160mm	2
341.025	Reduction Forceps, Serrated - 140mm	1
342.035	Reduction Forceps, Pointed - 140mm	1
304.010	Neutral and Loaded Drill Guide (Small)	1
400.005	S.S. Box with Two Trays	1

SMALL FRAGMENT IMPLANTS SET, S.S. Code No.: IS012

<i>Set Consisting of:</i>		Units
3.5mm Cortical Screws		64
4 each, length 10,12,20,22,24, 26,28,32,36 & 40mm		
8each length 14,16, 18mm		
4.0mm Cancellous Bone Screws		28
2each length 12,14,16,18,20,22,24,26,28,30,35,40,50 & 55mm		
3.5mm Cancellous Screws		32
2 each, length, 12,14,16,18,20,22,24,26,28,30,35,40,45,50,55,60mm		
Washer 7.0mm Dia		6
One Third Tubular Plate with Collar		9
1 each with 3,7 and 8 Holes		
2 each with 4,5 and 6 Holes		
Small T-Plate, Right Angled		2
1 each Shaft with 3 and 4 Holes		
Small T-Plate, Oblique Angled		2
1 each , Shaft with 3 and 4 Holes		
Cloverleaf Plates		2
1each, shaft with 3 and 4 Holes		
Small DCP Plate 3.5mm		7
2 each with 6 and 7 Holes		
1 each with 5,8,10 Holes		
Kirschner Wire with Trocar tip, Length 150mm		30
10 each 1.0, 1.5, 2.0mm		
Screw Holding Forceps		1
S.S. Container with one tray for 3.5mm & 4mm Screws and with two Instruments Trays (400.010)		1set

□ LARGE FRAGMENTS

(BASIC IMPLANTS & INSTRUMENTS)



Copyright © Narang Medical Limited. All rights reserved.



NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance



□ BONE SCREWS

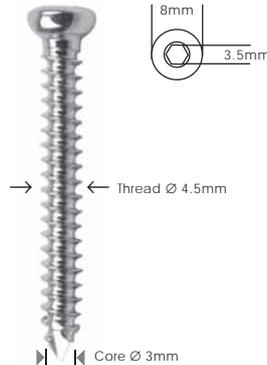
4.5MM CORTICAL SCREWS



Length in mm.	Codes	
	S.S.	Titanium
12	106.012	Ti-106.012
14	106.014	Ti-106.014
16	106.016	Ti-106.016
18	106.018	Ti-106.018
20	106.020	Ti-106.020
22	106.022	Ti-106.022
24	106.024	Ti-106.024
26	106.026	Ti-106.026
28	106.028	Ti-106.028
30	106.030	Ti-106.030
32	106.032	Ti-106.032
34	106.034	Ti-106.034
36	106.036	Ti-106.036
38	106.038	Ti-106.038
40	106.040	Ti-106.040
42	106.042	Ti-106.042
44	106.044	Ti-106.044
46	106.046	Ti-106.046
48	106.048	Ti-106.048
50	106.050	Ti-106.050
52	106.052	Ti-106.052
54	106.054	Ti-106.054
56	106.056	Ti-106.056
58	106.058	Ti-106.058
60	106.060	Ti-106.060
62	106.062	Ti-106.062
64	106.064	Ti-106.064
66	106.066	Ti-106.066
68	106.068	Ti-106.068
70	106.070	Ti-106.070
72	106.072	Ti-106.072
74	106.074	Ti-106.074
76	106.076	Ti-106.076
78	106.078	Ti-106.078
80	106.080	Ti-106.080

Drill Bit : 3.2mm
Drill Bit for Gliding Hole: 4.5mm

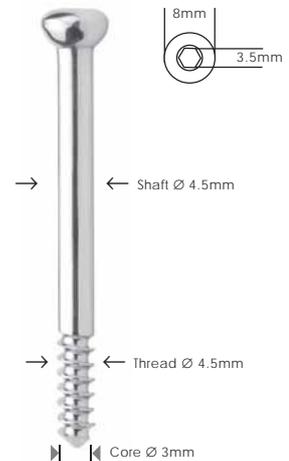
4.5MM CORTICAL SCREWS (SELF TAPPING)



Length in mm.	Codes	
	S.S.	Titanium
12	106.212	Ti-106.212
14	106.214	Ti-106.214
16	106.216	Ti-106.216
18	106.218	Ti-106.218
20	106.220	Ti-106.220
22	106.222	Ti-106.222
24	106.224	Ti-106.224
26	106.226	Ti-106.226
28	106.228	Ti-106.228
30	106.230	Ti-106.230
32	106.232	Ti-106.232
34	106.234	Ti-106.234
36	106.236	Ti-106.236
38	106.238	Ti-106.238
40	106.240	Ti-106.240
42	106.242	Ti-106.242
44	106.244	Ti-106.244
46	106.246	Ti-106.246
48	106.248	Ti-106.248
50	106.250	Ti-106.250
52	106.252	Ti-106.252
54	106.254	Ti-106.254
56	106.256	Ti-106.256
58	106.258	Ti-106.258
60	106.260	Ti-106.260
62	106.262	Ti-106.262
64	106.264	Ti-106.264
66	106.266	Ti-106.266
68	106.268	Ti-106.268
70	106.270	Ti-106.270
72	106.272	Ti-106.272
74	106.274	Ti-106.274
76	106.276	Ti-106.276
78	106.278	Ti-106.278
80	106.280	Ti-106.280

Drill Bit : 3.2mm
Drill Bit for Gliding Hole: 4.5mm

4.5MM SHAFT SCREWS FOR LC-DCP

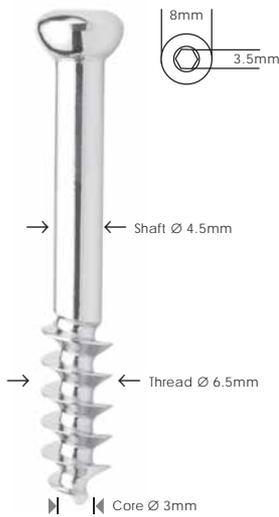


Length in mm.	Codes	
	S.S.	Titanium
22	114.022	Ti-114.022
24	114.024	Ti-114.024
26	114.026	Ti-114.026
28	114.028	Ti-114.028
30	114.030	Ti-114.030
32	114.032	Ti-114.032
34	114.034	Ti-114.034
36	114.036	Ti-114.036
38	114.038	Ti-114.038
40	114.040	Ti-114.040
42	114.042	Ti-114.042
44	114.044	Ti-114.044
46	114.046	Ti-114.046
48	114.048	Ti-114.048
50	114.050	Ti-114.050
55	114.055	Ti-114.055
60	114.060	Ti-114.060
65	114.065	Ti-114.065
70	114.070	Ti-114.070
75	114.075	Ti-114.075
80	114.080	Ti-114.080
85	114.085	Ti-114.085
90	114.090	Ti-114.090
95	114.095	Ti-114.095
100	114.100	Ti-114.100

Drill Bit : 3.2mm
Drill Bit for Gliding Hole: 4.5mm

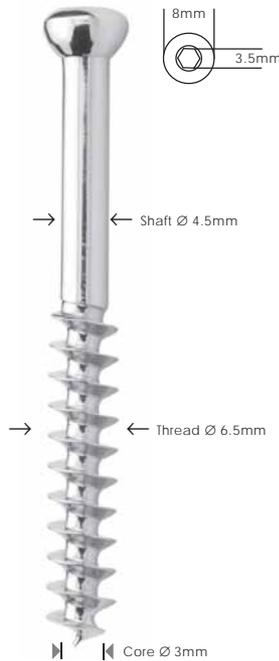
**6.5MM CANCELLOUS BONE SCREWS,
32MM THREAD**

**6.5MM CANCELLOUS BONE SCREWS,
16MM THREAD**



Length in mm.	Codes	
	S.S.	Titanium
25	108.025	Ti-108.025
30	108.030	Ti-108.030
35	108.035	Ti-108.035
40	108.040	Ti-108.040
45	108.045	Ti-108.045
50	108.050	Ti-108.050
55	108.055	Ti-108.055
60	108.060	Ti-108.060
65	108.065	Ti-108.065
70	108.070	Ti-108.070
75	108.075	Ti-108.075
80	108.080	Ti-108.080
85	108.085	Ti-108.085
90	108.090	Ti-108.090
95	108.095	Ti-108.095
100	108.100	Ti-108.100
105	108.105	Ti-108.105
110	108.110	Ti-108.110
115	108.115	Ti-108.115
120	108.120	Ti-108.120

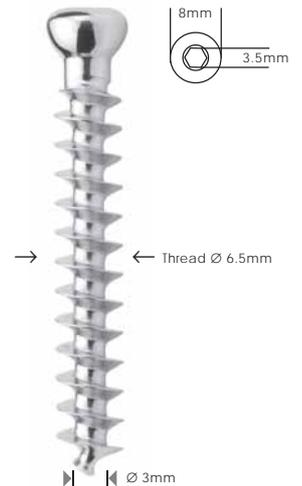
Drill Bit : 3.2mm
Drill Bit for Shaft: 4.5mm



Length in mm.	Codes	
	S.S.	Titanium
40	109.040	Ti-109.040
45	109.045	Ti-109.045
50	109.050	Ti-109.050
55	109.055	Ti-109.055
60	109.060	Ti-109.060
65	109.065	Ti-109.065
70	109.070	Ti-109.070
75	109.075	Ti-109.075
80	109.080	Ti-109.080
85	109.085	Ti-109.085
90	109.090	Ti-109.090
95	109.095	Ti-109.095
100	109.100	Ti-109.100
105	109.105	Ti-109.105
110	109.110	Ti-109.110
115	109.115	Ti-109.115
120	109.120	Ti-109.120

Drill Bit : 3.2mm
Drill Bit for Shaft: 4.5mm

**6.5MM CANCELLOUS BONE SCREWS,
FULLY THREADED**



Length in mm.	Codes	
	S.S.	Titanium
25	110.025	Ti-110.025
30	110.030	Ti-110.030
35	110.035	Ti-110.035
40	110.040	Ti-110.040
45	110.045	Ti-110.045
50	110.050	Ti-110.050
55	110.055	Ti-110.055
60	110.060	Ti-110.060
65	110.065	Ti-110.065
70	110.070	Ti-110.070
75	110.075	Ti-110.075
80	110.080	Ti-110.080
85	110.085	Ti-110.085
90	110.090	Ti-110.090
95	110.095	Ti-110.095
100	110.100	Ti-110.100
105	110.105	Ti-110.105
110	110.110	Ti-110.110
115	110.115	Ti-110.115
120	110.120	Ti-110.120

Drill Bit : 3.2mm

□ PLATES



NARROW DCP PLATES

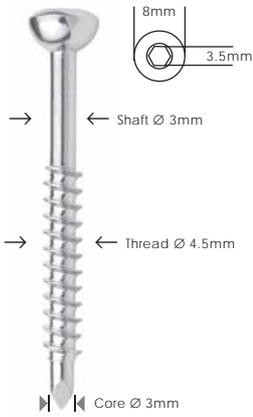
No. of Holes	Length in mm	Codes	
		S.S.	Titanium
4	71	157.104	Ti-157.104
5	87	157.105	Ti-157.105
6	103	157.106	Ti-157.106
7	119	157.107	Ti-157.107
8	135	157.108	Ti-157.108
9	151	157.109	Ti-157.109
10	167	157.110	Ti-157.110
11	183	157.111	Ti-157.111
12	199	157.112	Ti-157.112
13	215	157.113	Ti-157.113
14	231	157.114	Ti-157.114
15	247	157.115	Ti-157.115
16	263	157.116	Ti-157.116
17	279	157.117	Ti-157.117
18	295	157.118	Ti-157.118

Fixation with 4.5 & 6.5mm screws.

All holes are designed as self-compressing holes. All the end holes are designed for cancellous bone screws.

Indication: As a neutralisation and tension band plate on the tibia (not intended for the femur).

4.5MM MALLEOLAR SCREWS



Length in mm.	Codes	
	S.S.	Titanium
25	107.025	Ti-107.025
30	107.030	Ti-107.030
35	107.035	Ti-107.035
40	107.040	Ti-107.040
45	107.045	Ti-107.045
50	107.050	Ti-107.050
55	107.055	Ti-107.055
60	107.060	Ti-107.060
65	107.065	Ti-107.065
70	107.070	Ti-107.070
75	107.075	Ti-107.075
80	107.080	Ti-107.080
75	107.075	Ti-107.075
80	107.080	Ti-107.080
85	107.085	Ti-107.085
90	107.090	Ti-107.090
95	107.095	Ti-107.095
100	107.100	Ti-107.100

Drill Bit : 3.2mm

CANCELLOUS TRACTION SCREWS, 6.5MM DIA.



Length in mm.	Codes	
	S.S.	Titanium
45	110.245	Ti-110.245
50	110.250	Ti-110.250
55	110.255	Ti-110.255
60	110.260	Ti-110.260
65	110.265	Ti-110.265
70	110.270	Ti-110.270
75	110.275	Ti-110.275
80	110.280	Ti-110.280
85	110.285	Ti-110.285
90	110.290	Ti-110.290
95	110.295	Ti-110.295
100	110.300	Ti-110.300
105	110.305	Ti-110.305
110	110.310	Ti-110.310
115	110.315	Ti-110.315
120	110.320	Ti-110.320
125	110.325	Ti-110.325
130	110.330	Ti-110.330
135	110.335	Ti-110.335



NARROW LC-DCP (LIMITED CONTACT DYNAMIC COMPRESSION PLATES)

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
4	70	150.104	Ti-150.104
5	88	150.105	Ti-150.105
6	106	150.106	Ti-150.106
7	124	150.107	Ti-150.107
8	142	150.108	Ti-150.108
9	160	150.109	Ti-150.109
10	178	150.110	Ti-150.110
11	196	150.111	Ti-150.111
12	214	150.112	Ti-150.112
13	232	150.113	Ti-150.113
14	250	150.114	Ti-150.114
15	268	150.115	Ti-150.115
16	286	150.116	Ti-150.116

Fixation with 4.5 & 6.5mm screws.

Undercuts: For reduced vascular damage.

The end holes can be used for cancellous bone screws. The LC-DCP holes allow compression in both directions of the longitudinal axis.

Indication: As a neutralisation and tension band plate on the tibia (not intended for the femur).

□ WASHER FOR LARGE SCREWS

Washer for 4.5 to 7.0mm Screws

	Stainless Steel	Titanium
Code No.	115.020	Ti-115.020



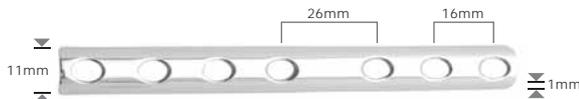
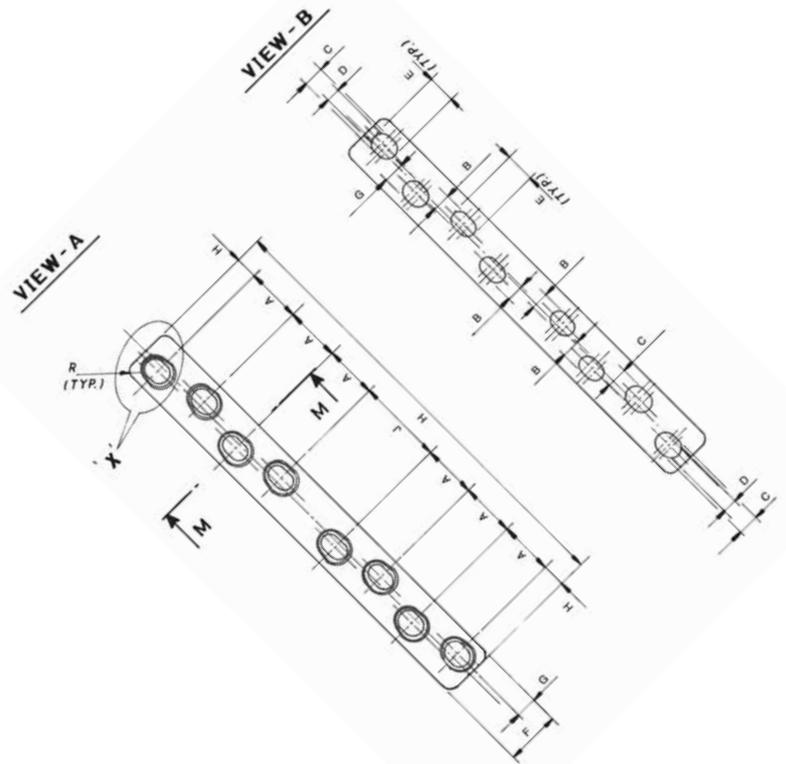


BROAD DCP PLATES

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
4	71	158.104	Ti-158.104
5	87	158.105	Ti-158.105
6	103	158.106	Ti-158.106
7	119	158.107	Ti-158.107
8	135	158.108	Ti-158.108
9	151	158.109	Ti-158.109
10	167	158.110	Ti-158.110
11	183	158.111	Ti-158.111
12	199	158.112	Ti-158.112
13	215	158.113	Ti-158.113
14	231	158.114	Ti-158.114
15	247	158.115	Ti-158.115
16	263	158.116	Ti-158.116
17	279	158.117	Ti-158.117
18	295	158.118	Ti-158.118
19	311	158.119	Ti-158.119
20	327	158.120	Ti-158.120

Fixation with 4.5 & 6.5mm screws. All holes are designed as self-compressing holes. All the end holes are designed for cancellous bone screws.

Indication: As a tension band plate on the femur and for humeral pseudoarthrosis (not intended for the tibia). Use broad plates with six or seven holes in exceptional cases only, e.g. on the humerus.



SEMI-TUBULAR PLATES FOR 4.5MM SCREWS

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
4	71	156.104	Ti-156.104
5	87	156.105	Ti-156.105
6	103	156.106	Ti-156.106
7	119	156.107	Ti-156.107
8	135	156.108	Ti-156.108
9	151	156.109	Ti-156.109
10	167	156.110	Ti-156.110
11	183	156.111	Ti-156.111
12	199	156.112	Ti-156.112

Fixation with 4.5 & 6.5mm screws. A compression effect can be achieved by eccentric positioning of the screws remote from the fracture line.



SPOON PLATE

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
5	100	155.105	Ti-155.105
6	120	155.106	Ti-155.106

Shaft with V-profile for the fixation on the frontal edge of the tibia. Fixation with 4.5mm cortical screws.



BROAD LC-DCP (LIMITED CONTACT DYNAMIC COMPRESSION PLATE)

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
4	70	151.104	Ti-151.104
5	88	151.105	Ti-151.105
6	106	151.106	Ti-151.106
7	124	151.107	Ti-151.107
8	142	151.108	Ti-151.108
9	160	151.109	Ti-151.109
10	178	151.110	Ti-151.110
11	196	151.111	Ti-151.111
12	214	151.112	Ti-151.112
13	232	151.113	Ti-151.113
14	250	151.114	Ti-151.114
15	268	151.115	Ti-151.115
16	286	151.116	Ti-151.116
17	304	151.117	Ti-151.117
18	322	151.118	Ti-151.118
19	340	151.119	Ti-151.119
20	358	151.120	Ti-151.120

Fixation with 4.5 & 6.5mm screws.

Undercuts: For reduced vascular damage. The end holes can be used for cancellous bone screws. The LC-DCP holes allow compression in both directions of the longitudinal axis.

Indication: As a tension band plate on the Femur and for Humeral Pseudoarthrosis (not intended for the Tibia).



T-PLATE FOR 4.5MM SCREWS

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
3	68	159.103	Ti-159.103
4	84	159.104	Ti-159.104
5	100	159.105	Ti-159.105
6	116	159.106	Ti-159.106
7	132	159.107	Ti-159.107
8	148	159.108	Ti-159.108
9	164	159.109	Ti-159.109
10	180	159.110	Ti-159.110
11	196	159.111	Ti-159.111
12	212	159.112	Ti-159.112
13	228	159.113	Ti-159.113
14	244	159.114	Ti-159.114

Shaft with round profile, for humeral and tibial head. Fixation with 4.5 & 6.5mm screws.



T-BUTTRESS PLATE FOR 4.5MM SCREWS

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
4	81	160.104	Ti-160.104
5	96	160.105	Ti-160.105
6	112	160.106	Ti-160.106
7	128	160.107	Ti-160.107
8	144	160.108	Ti-160.108
9	160	160.109	Ti-160.109
10	176	160.110	Ti-160.110
11	192	160.111	Ti-160.111
12	208	160.112	Ti-160.112
13	224	160.113	Ti-160.113
14	240	160.114	Ti-160.114

With double bend, as buttress for tibial head fractures. Fixation with 4.5mm & 6.5mm screws.



HOOK PLATE 4.5MM WITH DCP 6 HOLES

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
6	128	194.000	Ti-194.000

Fixation with 4.5mm Cortical Screws. Shaft with DCP dynamic compression holes and slot for tension device.



L-BUTTRESS PLATE 4.5MM FOR LEFT & RIGHT LEG

No. of Holes	Length in mm	Codes - for Left Leg		Codes - for Right Leg	
		S.S.	Titanium	S.S.	Titanium
3	69	161.133L	Ti-161.133L	161.103R	Ti-161.103R
4	85	161.134L	Ti-161.134L	161.104R	Ti-161.104R
5	101	161.135L	Ti-161.135L	161.105R	Ti-161.105R
6	117	161.136L	Ti-161.136L	161.106R	Ti-161.106R
7	133	161.137L	Ti-161.137L	161.107R	Ti-161.107R
8	149	161.138L	Ti-161.138L	161.108R	Ti-161.108R
9	165	161.139L	Ti-161.139L	161.109R	Ti-161.109R
10	181	161.140L	Ti-161.140L	161.110R	Ti-161.110R
11	197	161.141L	Ti-161.141L	161.111R	Ti-161.111R
12	213	161.142L	Ti-161.142L	161.112R	Ti-161.112R
13	229	161.143L	Ti-161.143L	161.113R	Ti-161.113R
14	245	161.144L	Ti-161.144L	161.114R	Ti-161.114R

With double bend, as buttress for tibial and humeral head fractures. Left angled for right leg & right angled for left leg.



PROXIMAL LATERAL TIBIAL PLATE

No. of Holes	Codes - for Left Leg		Codes - for Right Leg	
	S.S.	Titanium	S.S.	Titanium
3	622.003L	Ti-622.003L	622.003R	Ti-622.003R
5	622.005L	Ti-622.005L	622.005R	Ti-622.005R
7	622.007L	Ti-622.007L	622.007R	Ti-622.007R
9	622.009L	Ti-622.009L	622.009R	Ti-622.009R
11	622.011L	Ti-622.011L	622.011R	Ti-622.011R
13	622.013L	Ti-622.013L	622.013R	Ti-622.013R



DISTAL TIBIAL PLATE

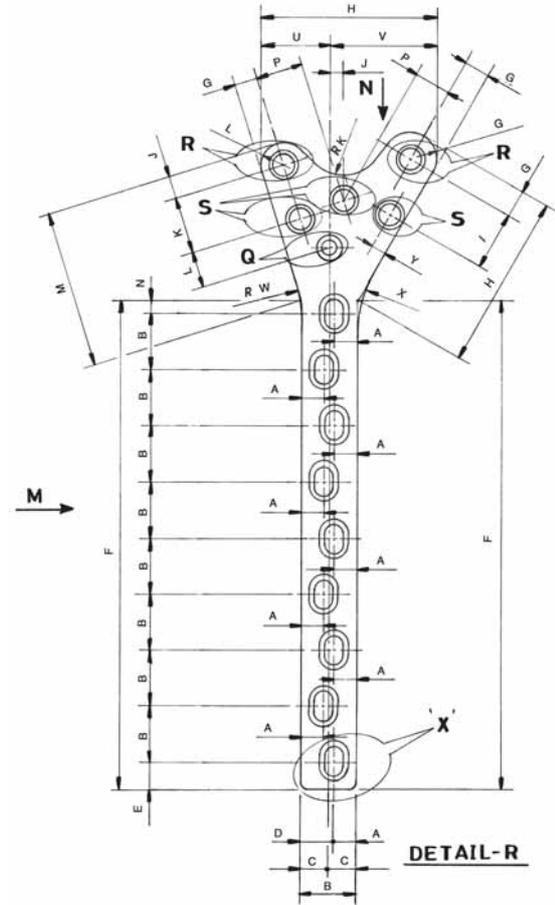
No. of Holes	Codes - for Left Leg		Codes - for Right Leg	
	S.S.	Titanium	S.S.	Titanium
3	623.003L	Ti-623.003L	623.003R	Ti-623.003R
5	623.005L	Ti-623.005L	623.005R	Ti-623.005R
7	623.007L	Ti-623.007L	623.007R	Ti-623.007R
9	623.009L	Ti-623.009L	623.009R	Ti-623.009R
11	623.011L	Ti-623.011L	623.011R	Ti-623.011R
13	623.013L	Ti-623.013L	623.013R	Ti-623.013R



CONDYLAR BUTTRESS PLATES 4.5MM FOR LEFT & RIGHT LEG

No. of Holes	Codes - for Left Leg		Codes - for Right Leg	
	S.S.	Titanium	S.S.	Titanium
7	164.007L	Ti-164.007L	164.107R	Ti-164.107R
9	164.009L	Ti-164.009L	164.109R	Ti-164.109R
11	164.011L	Ti-164.011L	164.111R	Ti-164.111R
12	164.012L	Ti-164.012L	164.112R	Ti-164.112R
13	164.013L	Ti-164.013L	164.113R	Ti-164.113R
15	164.015L	Ti-164.015L	164.115R	Ti-164.115R

As buttress for the femoral condyles with multiple fragment fractures.



CONDYLAR BUTTRESS PLATES 4.5mm WITH LC UNDER CUTS AND LC-DCP HOLES FOR LEFT & RIGHT LEG

No. of Holes	Codes - for Left Leg		Codes - for Right Leg	
	S.S.	Titanium	S.S.	Titanium
7	164.307L	Ti-164.307L	164.407R	Ti-164.407R
9	164.309L	Ti-164.309L	164.409R	Ti-164.409R
11	164.311L	Ti-164.311L	164.411R	Ti-164.411R
12	164.312L	Ti-164.312L	164.412R	Ti-164.412R
13	164.313L	Ti-164.313L	164.413R	Ti-164.413R
15	164.315L	Ti-164.315L	164.415R	Ti-164.415R

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.



COBRA HEAD PLATE - 4.5 MM

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
8	170	193.008	Ti-193.008
9	186	193.009	Ti-193.009
10	202	193.010	Ti-193.010
11	218	193.011	Ti-193.011
12	234	193.012	Ti-193.012
13	250	193.013	Ti-193.013
14	266	193.014	Ti-193.014

Shaft with DCP dynamic compression holes.

In the two shaft holes next to the head, two 4.5mm cortical screws, length 68mm, are normally used.



**LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5 MM
WITH LC UNDER CUTS AND LC-DCP HOLES
FOR LEFT & RIGHT LEG**

No. of Holes	Length in mm	Codes - for Left Leg		Codes - for Right Leg	
		S.S.	Titanium	S.S.	Titanium
5	117	165.305L	Ti-165.305L	165.405R	Ti-165.405R
7	149	165.307L	Ti-165.307L	165.407R	Ti-165.407R
9	181	165.309L	Ti-165.309L	165.409R	Ti-165.409R
11	213	165.311L	Ti-165.311L	165.411R	Ti-165.411R
13	245	165.313L	Ti-165.313L	165.413R	Ti-165.413R

With LC under cuts and LC-DCP holes which allow compression in both directions of longitudinal axis.



**LATERAL TIBIAL HEAD BUTTRESS PLATE 4.5
FOR LEFT & RIGHT LEG**

No. of Holes	Length in mm	Codes - for Left Leg		Codes - for Right Leg	
		S.S.	Titanium	S.S.	Titanium
5	117	165.105L	Ti-165.105L	165.005R	Ti-165.005R
7	149	165.107L	Ti-165.107L	165.007R	Ti-165.007R
9	181	165.109L	Ti-165.109L	165.009R	Ti-165.009R
11	213	165.111L	Ti-165.111L	165.011R	Ti-165.011R
13	245	165.113L	Ti-165.113L	165.013R	Ti-165.013R

Left angled for right leg and right angled for left leg.



**4.5 MM RECONSTRUCTION PLATES
STRAIGHT**

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
5	77	149.105	Ti-149.105
6	93	149.106	Ti-149.106
7	109	149.107	Ti-149.107
8	125	149.108	Ti-149.108
9	141	149.109	Ti-149.109
10	157	149.110	Ti-149.110
12	189	149.112	Ti-149.112
14	221	149.114	Ti-149.114
16	253	149.116	Ti-149.116
18	285	149.118	Ti-149.118
20	317	149.120	Ti-149.120
22	349	149.122	Ti-149.122

Do Not Bend more than 15°.



DRILL BIT - S.S. - QUICK COUPLING END

Code No.	Dia. mm	Length mm
260.320	3.2	130
260.450	4.5	130

Other sizes are available under **General Instruments**.



DRILL BIT - PLAIN SHANK / JACOB CHUCK END

Code No.	Dia. mm	Length mm
261.632	3.2	130
261.645	4.5	130

Other sizes are available under **General Instruments**.



BONE TAP WITH T-HANDLE

Code No.	Dia. mm	
263.040	4.5	Cortical
263.045	4.5	Extra Long
263.050	6.5	Cancellous

Other sizes are available under **General Instruments**.



BONE TAP - QUICK COUPLING END

Code No.	Dia. mm	
264.040	4.5	Cortical
264.045	4.5	Extra Long
264.050	6.5	Cancellous

Other sizes are available under **General Instruments**.



**Counter Sink for 4.5 & 6.5mm Screws
(8.0mm Head)**
Code No.: 305.030



**Counter Sink Quick Coupling for 4.5 & 6.5mm Screws
(8.0mm Head)**
Code No.: 305.060



Quick Coupling Handle (T-Type)
Code No.: 306.010



Lane Screw Driver
Code No.: 301.010



Quick Coupling Adaptor with Jacob End
Code No.: 306.030



Quick Coupling Fibre Handle with Rotation
Code No.: 306.020

□ INSTRUMENTS FOR LARGE FRAGMENTS



Hexagonal Screw Driver with Sleeve, 3.5mm Tip
Code No.: 301.030



Hexagonal Screw Driver 3.5mm Tip
Code No.: 301.050



Screw Driver Shaft, Q.C. End - 3.5mm Tip
Code No.: 301.070



Large Plate Bender - Pair
Code No.: 302.020



Plate Bending Press
Code No.: 302.070



Large Depth Gauge
Code No.: 303.020



Large Neutral & Loaded Drill Guide
Code No.: 304.020



Drill Sleeve 3.2mm
Code No.: 307.030



Drill Sleeve 3.5mm
Code No.: 307.040



Plate Bending Pliers (Roller Type)
Code No.: 302.030



Plate Bender for 4.5mm Reconstruction Plates
Code No.: 302.060



Tap Sleeve 4.5mm
Code No.: 307.045



Tap Sleeve 6.5mm
Code No.: 307.46



Drill Sleeve 4.5mm
Code No.: 307.050



Drill & Tap Sleeve Combined 3.2/4.5mm
Code No.: 307.070



Drill & Tap Sleeve Combined 3.2/6.5mm
Code No.: 307.080



Insert Drill Sleeve 4.5/3.2mm
Code No.: 307.095



Pointed Drill Guide
Code No.: 308.000



Screw Holding Forceps
Code No.: 309.000



Hollow Mill for removal of Screws, Large
Code No.: 310.030



Sharp Hook
Code No.: 371.000



Hollow Mill for Removal of Drill Bits
Code No.: 310.010

INSTRUMENTS & IMPLANTS SET FOR LARGE FRAGMENTS
SCREW SET - LARGE, S.S.

Code No.: IS013

<i>Set Consisting of:</i>	Units
4.5mm Cortical Screw	
7 each of 14, 16, 18, 20, 22, 24mm	42
14 each of 26, 28mm	28
12 each of 30, 32, 34, 36, 38mm	60
6 each of 40, 42, 44, 46, 48, 50mm	36
6.5mm Cancellous Bone Screw/16mm	
2 each of 25, 30, 35, 40, 45, 50, 55, 60mm	16
3 each of 65, 70, 75, 80, 85, 90, 95mm	21
2 each of 100, 105, 110mm	6
6.5mm Cancellous Bone Screw/32mm	
4 each of 25, 30, 35, 40, 45, 50, 55, 60mm	32
2 each of 65, 70, 75, 80, 85, 90mm	12
Malleolar Screw 4.5mm	
2 each of 25, 30, 35, 40, 45, 50, 55, 60mm	16
Large Washers	12
Screw Holding Forceps	1
S.S.Box with Screw Tray (400.020)	1 set

PLATE SET, S.S.

Code No.: IS014

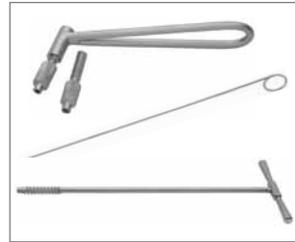
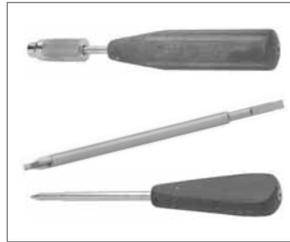
<i>Set Consisting of:</i>	Units
Semi-Tubular Plate	
1 each with 4, 5, 6, 7 Holes	4
Narrow DCP - 4.5	12
2 each with 5, 6, 7, 8, 9, 10 Holes	
Broad DCP - 4.5	12
2 each with 6, 7, 8 Holes	
1 each with 9, 10, 11, 12, 14, 16 Holes	
T-Plate	
1 each with 4, 5, 6, 7, 8 Holes in Shaft	5
T-Buttress Plate	
1 each with 4, 5, 6, 7, 8 Holes in Shaft	5
L-Buttress Plate - Left Angled	
Shaft with 4 Holes	1
L-Buttress Plate - Right Angled	
Shaft with 4 Holes	1
S.S.Box with Two Trays (400.015)	1 set

BASIC INSTRUMENT SET, S.S.

Code No.: IS010A

<i>Set Consisting of:</i>	Units
260.320 Drill Bit (Quick Coupling), 3.2mm x 130mm	1
260.450 Drill Bit (Quick Coupling), 4.5mm x 130mm	1
305.030 Counter Sink for 4.5 & 6.5mm Screws (8.0mm Head)	1
306.010 Quick Coupling Handle (T-Type)	1
264.040 Bone Tap with Quick Coupling for 4.5mm Cortical Screws L-130mm	1
264.050 Bone Tap with Quick Coupling for 6.5mm Cancellous Screws	1
307.095 Insert Drill Sleeve 4.5/3.2mm	1
307.070 Drill & Tap Sleeve combined 3.2/4.5mm	1
307.080 Drill & Tap Sleeve combined 3.2/6.5mm	1
301.070 Large Hexagonal Screw Driver Shaft	1
301.050 Large Hexagonal Screw Driver	1
303.020 Depth Gauge for 4.5mm & 6.5mm Screws	1
371.000 Sharp Hook	1
304.020 Large Neutral & Loaded Drill Guide	1
308.000 Pointed Drill Guide	1
302.020 Large Plate Bender (pair)	1
400.005 Instrument Box with S. S. Trays	1

CANNULATED SCREWS



Copyright © Narang Medical Limited. All rights reserved.



NARANG MEDICAL LIMITED

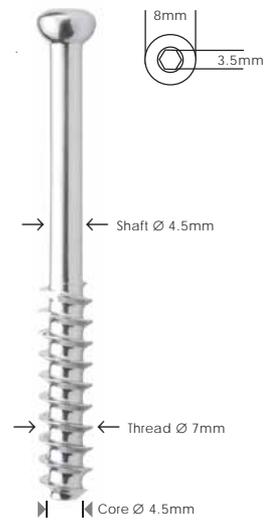
ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance



**LARGE CANNULATED
CANCELLOUS SCREWS,
7.0MM DIA., 16MM THREAD**



**LARGE CANNULATED
CANCELLOUS SCREWS,
7.0MM DIA., 32MM THREAD**



Size in mm	16mm Thread		16mm Thread (Self Tapping)*	
	S.S.	Titanium	S.S.	Titanium
50	111.050	Ti-111.050	111.250	Ti-111.250
55	111.055	Ti-111.055	111.255	Ti-111.255
60	111.060	Ti-111.060	111.260	Ti-111.260
65	111.065	Ti-111.065	111.265	Ti-111.265
70	111.070	Ti-111.070	111.270	Ti-111.270
75	111.075	Ti-111.075	111.275	Ti-111.275
80	111.080	Ti-111.080	111.280	Ti-111.280
85	111.085	Ti-111.085	111.285	Ti-111.285
90	111.090	Ti-111.090	111.290	Ti-111.290
95	111.095	Ti-111.095	111.295	Ti-111.295
100	111.100	Ti-111.100	111.300	Ti-111.300
105	111.105	Ti-111.105	111.305	Ti-111.305
110	111.110	Ti-111.110	111.310	Ti-111.310
115	111.115	Ti-111.115	111.315	Ti-111.315
120	111.120	Ti-111.120	111.320	Ti-111.320

Cannulated Drill Bit : 4.5mm

Size in mm	32mm Thread		32mm Thread (Self Tapping)*	
	S.S.	Titanium	S.S.	Titanium
50	112.050	Ti-112.050	112.250	Ti-112.250
55	112.055	Ti-112.055	112.255	Ti-112.255
60	112.060	Ti-112.060	112.260	Ti-112.260
65	112.065	Ti-112.065	112.265	Ti-112.265
70	112.070	Ti-112.070	112.270	Ti-112.270
75	112.075	Ti-112.075	112.275	Ti-112.275
80	112.080	Ti-112.080	112.280	Ti-112.280
85	112.085	Ti-112.085	112.285	Ti-112.285
90	112.090	Ti-112.090	112.290	Ti-112.290
95	112.095	Ti-112.095	112.295	Ti-112.295
100	112.100	Ti-112.100	112.300	Ti-112.300
105	112.105	Ti-112.105	112.305	Ti-112.305
110	112.110	Ti-112.110	112.310	Ti-112.310
115	112.115	Ti-112.115	112.315	Ti-112.315
120	112.120	Ti-112.120	112.320	Ti-112.320

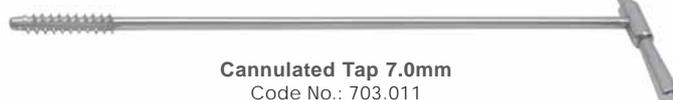
Cannulated Drill Bit : 4.5mm

*All self tapping cannulated screws have self drilling also.

□ INSTRUMENTS FOR LARGE CANNULATED SCREWS



Cannulated Drill Bit 4.5mm
Code No.: 703.010



Cannulated Tap 7.0mm
Code No.: 703.011



Parallel Wire Guide
Code No.: 703.013



Direct Measuring Device
Code No.: 703.014



Threaded Guide Wire 2.0mm Dia
Code No.: 703.015



Styilet 2.0mm
Code No.: 703.017



Protection Sleeve 4.5mm Dia
Code No.: 703.012

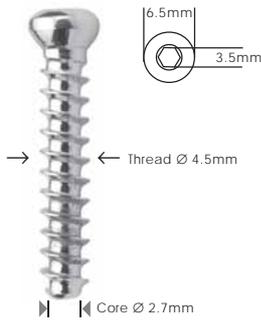


Cannulated Hexagonal Screw Driver, 3.5mm Tip
Code No.: 703.016

**See INDEX
on
Last Pages !**



CORTICAL CANNULATED SCREW 4.5MM DIA., FULL THREAD



CORTICAL CANNULATED SCREW 4.5MM DIA SHORT THREAD



Size in mm	Full Thread		Full Thread (Self Tapping)	
	S.S.	Titanium	S.S.	Titanium
20	117.020	Ti-117.020	117.220	Ti-117.220
22	117.022	Ti-117.022	117.222	Ti-117.222
24	117.024	Ti-117.024	117.224	Ti-117.224
26	117.026	Ti-117.026	117.226	Ti-117.226
28	117.028	Ti-117.028	117.228	Ti-117.228
30	117.030	Ti-117.030	117.230	Ti-117.230
32	117.032	Ti-117.032	117.232	Ti-117.232
34	117.034	Ti-117.034	117.234	Ti-117.234
36	117.036	Ti-117.036	117.236	Ti-117.236
38	117.038	Ti-117.038	117.238	Ti-117.238
40	117.040	Ti-117.040	117.240	Ti-117.240
42	117.042	Ti-117.042	117.242	Ti-117.242
44	117.044	Ti-117.044	117.244	Ti-117.244
46	117.046	Ti-117.046	117.246	Ti-117.246
48	117.048	Ti-117.048	117.248	Ti-117.248
50	117.050	Ti-117.050	117.250	Ti-117.250
52	117.052	Ti-117.052	117.252	Ti-117.252
54	117.054	Ti-117.054	117.254	Ti-117.254
56	117.056	Ti-117.056	117.256	Ti-117.256
58	117.058	Ti-117.058	117.258	Ti-117.258
60	117.060	Ti-117.060	117.260	Ti-117.260
62	117.062	Ti-117.062	117.262	Ti-117.262
64	117.064	Ti-117.064	117.264	Ti-117.264
66	117.066	Ti-117.066	117.266	Ti-117.266
68	117.068	Ti-117.068	117.268	Ti-117.268
70	117.070	Ti-117.070	117.270	Ti-117.270
72	117.072	Ti-117.072	117.272	Ti-117.272
74	117.074	Ti-117.074	117.274	Ti-117.274

Drill Bit: 3.2mm
 Drill Bit for Gliding Hole: 4.5mm
 Cannulation: 1.75mm
 Guide Wire: 1.6mm

Size in mm	Short Thread		Short Thread (Self Tapping)*	
	S.S.	Titanium	S.S.	Titanium
20	117.120	Ti-117.120	117.320	Ti-117.320
22	117.122	Ti-117.122	117.322	Ti-117.322
24	117.124	Ti-117.124	117.324	Ti-117.324
26	117.126	Ti-117.126	117.326	Ti-117.326
28	117.128	Ti-117.128	117.328	Ti-117.328
30	117.130	Ti-117.130	117.330	Ti-117.330
32	117.132	Ti-117.132	117.332	Ti-117.332
34	117.134	Ti-117.134	117.334	Ti-117.334
36	117.136	Ti-117.136	117.336	Ti-117.336
38	117.138	Ti-117.138	117.338	Ti-117.338
40	117.140	Ti-117.140	117.340	Ti-117.340
42	117.142	Ti-117.142	117.342	Ti-117.342
44	117.144	Ti-117.144	117.344	Ti-117.344
46	117.146	Ti-117.146	117.346	Ti-117.346
48	117.148	Ti-117.148	117.348	Ti-117.348
50	117.150	Ti-117.150	117.350	Ti-117.350
52	117.152	Ti-117.152	117.352	Ti-117.352
54	117.154	Ti-117.154	117.354	Ti-117.354
56	117.156	Ti-117.156	117.356	Ti-117.356
58	117.158	Ti-117.158	117.358	Ti-117.358
60	117.160	Ti-117.160	117.360	Ti-117.360
62	117.162	Ti-117.162	117.362	Ti-117.362
64	117.164	Ti-117.164	117.364	Ti-117.364
66	117.166	Ti-117.166	117.366	Ti-117.366
68	117.168	Ti-117.168	117.368	Ti-117.368
70	117.170	Ti-117.170	117.370	Ti-117.370
72	117.172	Ti-117.172	117.372	Ti-117.372
74	117.174	Ti-117.174	117.374	Ti-117.374

Drill Bit: 3.2mm
 Cannulation: 1.75mm
 Guide Wire: 1.6mm

*All self tapping cannulated screws have self drilling also.



□ 4.5MM CORTICAL CANNULATED INSTRUMENT SET



Quick Coupling Tap Handle Cannulated
Code No.: 800.001



Holding Clip
Code No.: 800.003

Threaded Guide Wire 1.6mm, Length 150mm
Code No.: 800.005

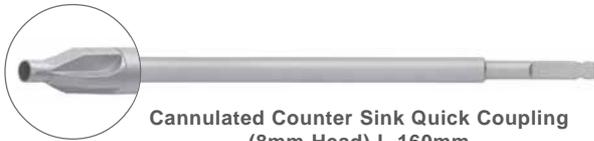
Stylet 1.6mm, Length 225mm
Code No.: 800.007



Double Drill Sleeve 4.5 / 3.2mm
Code No.: 800.009



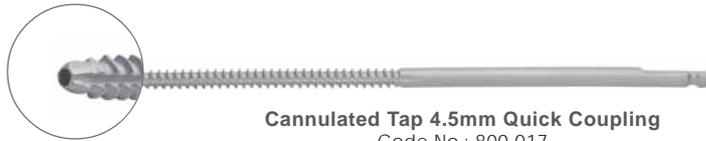
Double Drill Sleeve 3.2 / 1.6mm
Code No.: 800.011



**Cannulated Counter Sink Quick Coupling
(8mm Head) L-160mm**
Code No.: 800.013



Direct Measuring Device
Code No.: 800.015



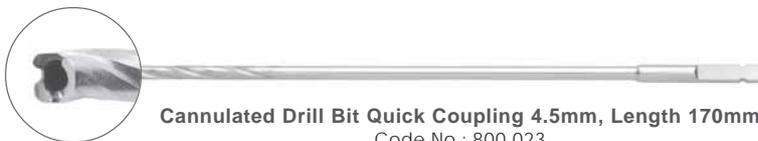
Cannulated Tap 4.5mm Quick Coupling
Code No.: 800.017



Cannulated Hexagonal Screw Driver, 3.5mm Tip
Code No.: 703.016



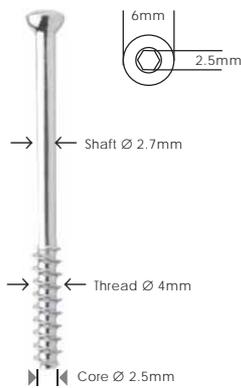
Cannulated Drill Bit Quick Coupling 3.2mm, Length 170mm
Code No.: 800.021



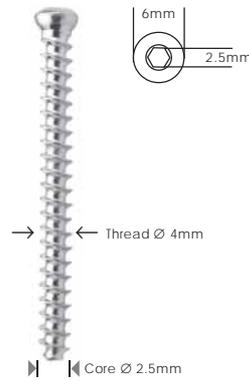
Cannulated Drill Bit Quick Coupling 4.5mm, Length 170mm
Code No.: 800.023



SMALL CANNULATED CANCELLOUS SCREWS, 4.0MM DIA., SHORT THREAD



SMALL CANNULATED CANCELLOUS SCREW 4.0MM DIA., FULL LENGTH THREAD



Size in mm	Short Thread		Short Thread (Self Tapping)	
	S.S.	Titanium	S.S.	Titanium
10	116.010	Ti-116.010	116.310	Ti-116.310
12	116.012	Ti-116.012	116.312	Ti-116.312
14	116.014	Ti-116.014	116.314	Ti-116.314
16	116.016	Ti-116.016	116.316	Ti-116.316
18	116.018	Ti-116.018	116.318	Ti-116.318
20	116.020	Ti-116.020	116.320	Ti-116.320
22	116.022	Ti-116.022	116.322	Ti-116.322
24	116.024	Ti-116.024	116.324	Ti-116.324
26	116.026	Ti-116.026	116.326	Ti-116.326
28	116.028	Ti-116.028	116.328	Ti-116.328
30	116.030	Ti-116.030	116.330	Ti-116.330
32	116.032	Ti-116.032	116.332	Ti-116.332
34	116.034	Ti-116.034	116.334	Ti-116.334
36	116.036	Ti-116.036	116.336	Ti-116.336
38	116.038	Ti-116.038	116.338	Ti-116.338
40	116.040	Ti-116.040	116.340	Ti-116.340
42	116.042	Ti-116.042	116.342	Ti-116.342
44	116.044	Ti-116.044	116.344	Ti-116.344
46	116.046	Ti-116.046	116.346	Ti-116.346
48	116.048	Ti-116.048	116.348	Ti-116.348
50	116.050	Ti-116.050	116.350	Ti-116.350
55	116.055	Ti-116.055	116.355	Ti-116.355
60	116.060	Ti-116.060	116.360	Ti-116.360

Cannulated Drill Bit : 2.7mm
Cannulation: 1.35mm

Size in mm	Full Thread		Full Thread (Self Tapping)*	
	S.S.	Titanium	S.S.	Titanium
10	116.210	Ti-116.210	116.410	Ti-116.410
12	116.212	Ti-116.212	116.412	Ti-116.412
14	116.214	Ti-116.214	116.414	Ti-116.414
16	116.216	Ti-116.216	116.416	Ti-116.416
18	116.218	Ti-116.218	116.418	Ti-116.418
20	116.220	Ti-116.220	116.420	Ti-116.420
22	116.222	Ti-116.222	116.422	Ti-116.422
24	116.224	Ti-116.224	116.424	Ti-116.424
26	116.226	Ti-116.226	116.426	Ti-116.426
28	116.228	Ti-116.228	116.428	Ti-116.428
30	116.230	Ti-116.230	116.430	Ti-116.430
32	116.232	Ti-116.232	116.432	Ti-116.432
34	116.234	Ti-116.234	116.434	Ti-116.434
36	116.236	Ti-116.236	116.436	Ti-116.436
38	116.238	Ti-116.238	116.438	Ti-116.438
40	116.240	Ti-116.240	116.440	Ti-116.440
42	116.242	Ti-116.242	116.442	Ti-116.442
44	116.244	Ti-116.244	116.444	Ti-116.444
46	116.246	Ti-116.246	116.446	Ti-116.446
48	116.248	Ti-116.248	116.448	Ti-116.448
50	116.250	Ti-116.250	116.450	Ti-116.450
55	116.255	Ti-116.255	116.455	Ti-116.455
60	116.260	Ti-116.260	116.460	Ti-116.460

Cannulated Drill Bit : 2.7mm
Cannulation: 1.35mm

*All self tapping cannulated screws have self drilling also.



□ 4.0MM CANNULATED CANCELLOUS INSTRUMENT SET



Quick Coupling Tap Handle Cannulated
Code No.: 800.051



Holding Clip
Code No.: 800.054



Threaded Guide Wire 1.25mm
Code No.: 800.057



Stylet 1.25mm, Length 220mm
Code No.: 800.060



Double Drill Sleeve 2.7 / 1.25mm
Code No.: 800.063



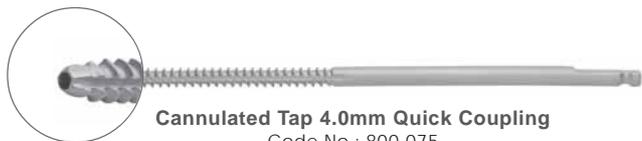
Drill & Tap Sleeve 2.5 / 3.5mm
Code No.: 800.066



Cannulated Counter Sink Quick Coupling (6mm Head)
Code No.: 800.069



Direct Measuring Device
Code No.: 800.072



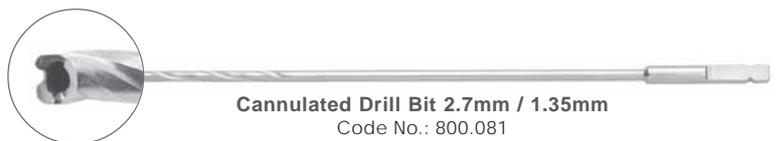
Cannulated Tap 4.0mm Quick Coupling
Code No.: 800.075



Cannulated Hexagonal Screw Driver 2.5mm Tip
Code No.: 800.078



Drill Guide with Stop with two inserts 3.5mm / 2.7mm
Code No.: 800.087



Cannulated Drill Bit 2.7mm / 1.35mm
Code No.: 800.081



Cannulated Drill Bit Quick Coupling 3.5 / 1.35mm
Code No.: 800.084

□ INSTRUMENTS & IMPLANTS SETS FOR CANNULATED SCREWS

4.0MM CANCELLOUS CANNULATED INSTRUMENTS SET, S.S.

Code No.: IS080

<i>Set Consisting of:</i>		Units
800.051	Quick Coupling Tap Handle Cannulated	1
800.054	Holding Clip	1
800.057	Threaded Guide Wire 1.25mm	10
800.060	Stylet 1.25mm, Length 220mm	1
800.063	Double Drill Sleeve 2.7 / 1.25mm	1
800.066	Drill & Tap Sleeve 2.5 / 3.5mm	1
800.069	Cannulated Counter Sink Quick Coupling (6mm Head)	1
800.072	Direct Measuring Device	1
800.075	Cannulated Tap 4.0mm Quick Coupling	1
800.078	Cannulated Hexagonal Screw Driver 2.5mm Tip	1
800.081	Cannulated Drill Bit 2.7mm / 1.35mm	1
800.084	Cannulated Drill Bit Quick Coupling 3.5 / 1.35mm	1
800.087	Drill Guide with Stop with two inserts 3.5mm / 2.7mm	1
400.005	S.S. Box with Two Trays 300mm Long	1

4.5MM CORTICAL CANNULATED INSTRUMENTS SET, S.S.

Code No.: IS082

<i>Set Consisting of:</i>		Units
800.001	Quick Coupling Tap Handle - Cannulated	1
800.003	Holding Clip	1
800.005	Threaded Guide Wire 1.6mm, Length 150mm	10
800.007	Stylet 1.6mm, Length 225mm	1
800.009	Double Drill Sleeve 4.5 / 3.2mm	1
800.011	Double Drill Sleeve 3.2 / 1.6mm	1
800.013	Cannulated Counter Sink Quick Coupling (8mm Head) L-160mm	1
800.015	Direct Measuring Device	1
800.017	Cannulated Tap 4.5mm Quick Coupling	1
703.016	Cannulated Hexagonal Screw Driver 3.5mm Tip	1
800.021	Cannulated Drill Bit Quick Coupling 3.2mm, Length 170mm	1
800.023	Cannulated Drill Bit Quick Coupling 4.5mm, Length 170mm	1
400.005	S.S. Box with Two Trays 300mm Long	1

7.0MM LARGE CANNULATED CANCELLOUS INSTRUMENT SET

Code No.: IS020

<i>Set Consisting of:</i>		Units
7703.010	Cannulated Drill Bit 4.5mm	1
703.011	Cannulated Tap	1
703.012	Protection Sleeve 4.5mm Dia	1
703.013	Parallel Wire Guide	1
703.014	Direct Measuring Device	1
703.015	Threaded Guide Wire 2.0mm Dia	5
703.016	Large Cannulated Hexagonal Screw Driver	1
703.017	Stylet 2.0mm	1
400.005	S.S.Box with Two Trays	1



LARGE CANNULATED CANCELLOUS IMPLANT SET, S.S.

Code No.: IS021

<i>Set Consisting of:</i>		Units
7.0mm Cannulated Cancellous Screws/16mm		28
2 each, Length 50, 55, 60, 65, 100mm		
3 each, Length 70, 75, 80, 85, 90, 95mm		
7.0mm Cannulated Cancellous Screws/32mm		16
1 each, Length 50, 55, 60, 65mm		
2 each, Length 70, 75, 80, 85, 90, 95mm		
Large Washers		10
S.S.box with Trays (400.005)		1 set

□ DHS / DCS AND ANGLED BLADE PLATES



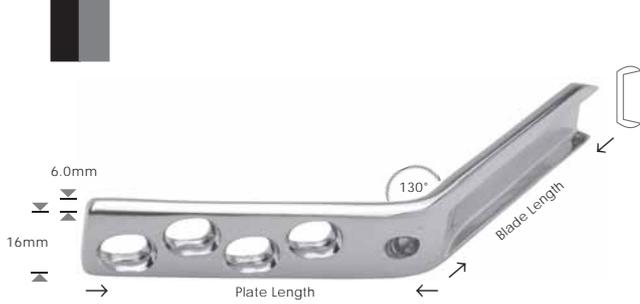
Copyright © Narang Medical Limited. All rights reserved.



NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance





ANGLED BLADE PLATES FOR INTERTROCHANTERIC FEMORAL OSTEOTOMIES IN ADULTS DCP HOLES

130° ANGLED BLADE PLATES, (DCP)

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
4	50	163.041	Ti-163.041
4	60	163.042	Ti-163.042
4	70	163.043	Ti-163.043
4	75	163.045	Ti-163.045
4	80	163.044	Ti-163.044
4	85	163.046	Ti-163.046
4	90	163.047	Ti-163.047
4	95	163.048	Ti-163.048
4	100	163.049	Ti-163.049
6	50	163.061	Ti-163.061
6	60	163.062	Ti-163.062
6	70	163.063	Ti-163.063
6	75	163.050	Ti-163.050
6	80	163.064	Ti-163.064
6	85	163.051	Ti-163.051
6	90	163.052	Ti-163.052
6	95	163.053	Ti-163.053
6	100	163.054	Ti-163.054
9	50	163.091	Ti-163.091
9	60	163.092	Ti-163.092
9	70	163.093	Ti-163.093
9	75	163.080	Ti-163.080
9	80	163.094	Ti-163.094
9	85	163.081	Ti-163.081
9	90	163.082	Ti-163.082
9	95	163.083	Ti-163.083
12	50	163.001	Ti-163.001
12	60	163.002	Ti-163.002
12	70	163.003	Ti-163.003
12	80	163.004	Ti-163.004

Blade Length mm	Displacement T mm	Angle Degree	Codes	
			S.S.	Titanium
40	10	90°	170.140	Ti-170.140
50	10	90°	170.150	Ti-170.150
60	10	90°	170.160	Ti-170.160
70	10	90°	170.170	Ti-170.170
40	15	90°	170.240	Ti-170.240
50	15	90°	170.250	Ti-170.250
60	15	90°	170.260	Ti-170.260
70	15	90°	170.270	Ti-170.270
50	20	90°	170.350	Ti-170.350
60	20	90°	170.360	Ti-170.360
70	20	90°	170.370	Ti-170.370
50	10	100°	170.450	Ti-170.450
60	10	100°	170.460	Ti-170.460
70	10	100°	170.470	Ti-170.470

Profile:

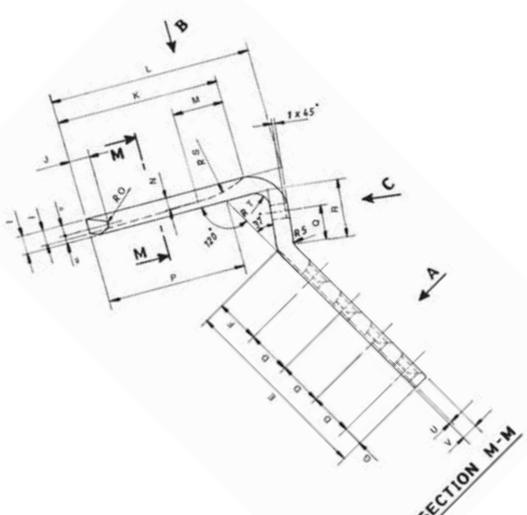
Shaft with 4 DCP dynamic compression holes and slot for tension device. Fixation with 4.5mm cortical screws. The hole in the bend enables fixation of the calcar femoris with a long cortical screw. Blade Length Measured on the inside.



ANGLED BLADE PLATES FOR INTERTROCHANTERIC FEMORAL OSTEOTOMIES IN ADULTS DCP HOLES

Blade Length mm	Angle Degree	Codes	
		S.S.	Titanium
65	110°	171.265	Ti-171.265
75	110°	171.275	Ti-171.275
85	110°	171.285	Ti-171.285
60	120°	171.060	Ti-171.060
65	120°	171.065	Ti-171.065
70	120°	171.070	Ti-171.070
75	120°	171.075	Ti-171.075
80	120°	171.080	Ti-171.080
85	120°	171.085	Ti-171.085
65	130°	171.565	Ti-171.565
70	130°	171.570	Ti-171.570
75	130°	171.575	Ti-171.575
80	130°	171.580	Ti-171.580
85	130°	171.585	Ti-171.585
90	130°	171.590	Ti-171.590
95	130°	171.595	Ti-171.595
100	130°	171.510	Ti-171.510

Shaft with 4 DCP dynamic compression holes and slot for tension device. Fixation with 4.5mm cortical screws. for repositioning osteotomies in the treatment of femoral neck pseudarthroses and fracture.





Chisel Guide
Code No.: 702.005



Seating Chisel
Code No.: 702.006



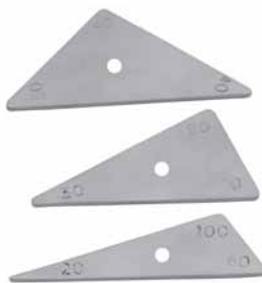
Inserter - Extractor
Code No.: 702.007



Impactor
Code No.: 702.009



Condylar Plate Guide
Code No.: 702.010



Triangular Positioning Plates
Code No.: 702.011



Quadrangular Positioning Plate
Code No.: 702.012



Slotted Hammer
Code No.: 702.008



Triple Drill Guide - 130° angle
Code No.: 702.013



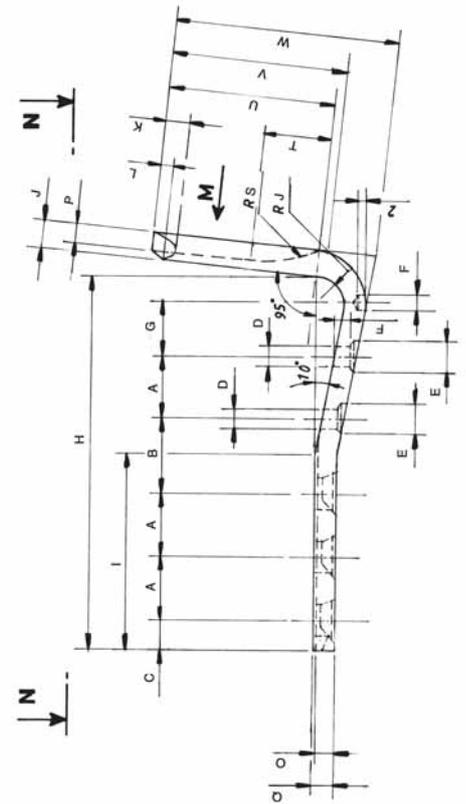
Drill Bit 2.0mm
Code No.: 260.200

□ INSTRUMENTS SET FOR ANGLED BLADE PLATE

ANGLED BLADE PLATE INSTRUMENT SET
Code No.: IS019

	Set Consisting of:	Units
702.005	Chisel Guide	1
702.006	Seating Chisel	1
702.007	Inserter - Extractor	1
702.008	Slotted Hammer	1
702.009	Impactor	1
702.010	Condylar Plate Guide	1
702.011	Triangular Positioning Plates (Set of Three)	1
702.012	Quadrangular Positioning Plate	1
702.013	Triple Drill Guide - 130° angle	1
260.200	Drill Bit 2.0mm	1
400.005	S.S. Box with Two Trays	1





95° CONDYLAR PLATES (DCP)

STAINLESS STEEL

TITANIUM

Blade Length / Codes				Plate Length mm	No. of Holes	Blade Length / Codes			
50 mm	60 mm	70 mm	80 mm			50 mm	60 mm	70 mm	80 mm
162.051	162.052	162.053	162.054	92	5	Ti-162.051	Ti-162.052	Ti-162.053	Ti-162.054
162.071	162.072	162.073	162.074	124	7	Ti-162.071	Ti-162.072	Ti-162.073	Ti-162.074
162.091	162.092	162.093	162.094	156	9	Ti-162.091	Ti-162.092	Ti-162.093	Ti-162.094
162.011	162.012	162.013	162.014	204	12	Ti-162.011	Ti-162.012	Ti-162.013	Ti-162.014
162.021	162.022	162.023	162.024	236	14	Ti-162.021	Ti-162.022	Ti-162.023	Ti-162.024
162.031	162.032	162.033	162.034	268	16	Ti-162.031	Ti-162.032	Ti-162.033	Ti-162.034
162.041	162.042	162.043	162.044	300	18	Ti-162.041	Ti-162.042	Ti-162.043	Ti-162.044



DHS BARREL DOUBLE ANGLED PLATES DCP HOLE - 120°

No. of Holes	Codes	
	Stainless Steel	Titanium
4	166.104	Ti-166.104
5	166.105	Ti-166.105
6	166.106	Ti-166.106
7	166.107	Ti-166.107
8	166.108	Ti-166.108



CONDYLAR PLATE INSTRUMENT SET, S.S. Code No.: IS018

Set Consisting of:

Units

702.005	Chisel Guide	1
702.006	Seating Chisel	1
702.007	Insertor - Extractor	1
702.008	Slotted Hammer	1
702.009	Impactor	1
702.010	Condylar Plate Guide	1
400.005	S.S.Box with Two Trays (Set)	1



95° DCS PLATES DCP HOLES

No. of Holes	Length in mm	Codes	
		S.S.	Titanium
6	100	167.006	Ti-167.006
7	115	167.007	Ti-167.007
8	130	167.008	Ti-167.008
9	146	167.009	Ti-167.009
10	163	167.010	Ti-167.010
12	198	167.012	Ti-167.012
14	225	167.014	Ti-167.014
16	260	167.016	Ti-167.016
18	306	167.018	Ti-167.018
20	338	167.020	Ti-167.020
22	370	167.022	Ti-167.022



DHS / DCS SCREWS, 12.5MM DIA.

Length in mm.	Codes	
	S.S.	Titanium
50	168.050	Ti-168.050
55	168.055	Ti-168.055
60	168.060	Ti-168.060
65	168.065	Ti-168.065
70	168.070	Ti-168.070
75	168.075	Ti-168.075
80	168.080	Ti-168.080
85	168.085	Ti-168.085
90	168.090	Ti-168.090
95	168.095	Ti-168.095
100	168.100	Ti-168.100
105	168.105	Ti-168.105
110	168.110	Ti-168.110
115	168.115	Ti-168.115
120	168.120	Ti-168.120
125	168.125	Ti-168.125
130	168.130	Ti-168.130
135	168.135	Ti-168.135
140	168.140	Ti-168.140
145	168.145	Ti-168.145



DHS / DCS COMPRESSION SCREW
for use with DHS and DCS plates.

	S.S.	Titanium
Code No.	168.990	Ti-168.990

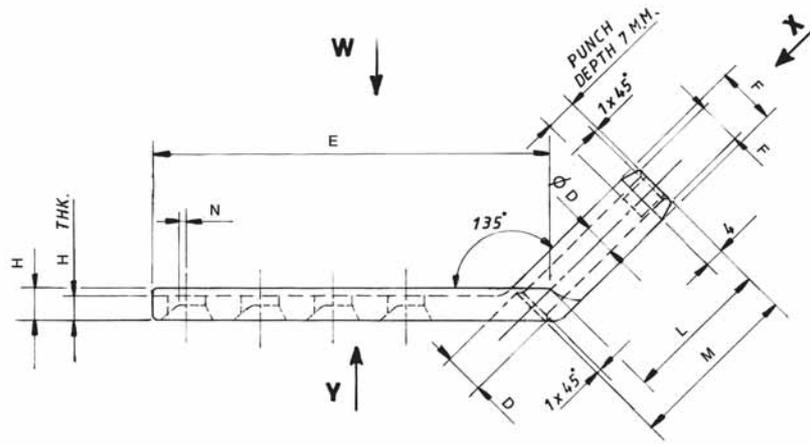
INSTRUMENTS FOR JEWETT NAIL, S.S.

Code No.	Description
387.010	Driver Handle
387.020	Starter for S.P. Nail
387.030	Impactor-Extractor for S.P. Nail
387.080	Jewett Nail Impactor - Extractor



**JEWETT NAIL PLATES - 135°
STAINLESS STEEL**

Size in mm	Codes							
	4 Holes	5 Holes	6 Holes	7 Holes	8 Holes	9 Holes	10 Holes	12 Holes
50	176.4-50	176.5-50	176.6-50	176.7-50	176.8-50	176.9-50	176.10-50	176.12-50
55	176.4-55	176.5-55	176.6-55	176.7-55	176.8-55	176.9-55	176.10-55	176.12-55
60	176.4-60	176.5-60	176.6-60	176.7-60	176.8-60	176.9-60	176.10-60	176.12-60
65	176.4-65	176.5-65	176.6-65	176.7-65	176.8-65	176.9-65	176.10-65	176.12-65
70	176.4-70	176.5-70	176.6-70	176.7-70	176.8-70	176.9-70	176.10-70	176.12-70
75	176.4-75	176.5-75	176.6-75	176.7-75	176.8-75	176.9-75	176.10-75	176.12-75
80	176.4-80	176.5-80	176.6-80	176.7-80	176.8-80	176.9-80	176.10-80	176.12-80
85	176.4-85	176.5-85	176.6-85	176.7-85	176.8-85	176.9-85	176.10-85	176.12-85
90	176.4-90	176.5-90	176.6-90	176.7-90	176.8-90	176.9-90	176.10-90	176.12-90
95	176.4-95	176.5-95	176.6-95	176.7-95	176.8-95	176.9-95	176.10-95	176.12-95
100	176.4-100	176.5-100	176.6-100	176.7-100	176.8-100	176.9-100	176.10-100	176.12-100



DHS BARREL PLATES DCP HOLES



DHS SHORT BARREL PLATES DCP HOLES

STAINLESS STEEL

Holes	With DCP Holes					Short Barrel DCP Holes	With Round Holes			Length mm
	130°	135°	140°	145°	150°		135°	130°	135°	
2	166.001	166.022	166.042	166.052	166.062	166.082	166.502	166.602	166.702	46
3	166.002	166.023	166.043	166.053	166.063	166.083	166.503	166.603	166.703	56
4	166.004	166.024	166.044	166.054	166.064	166.084	166.504	166.604	166.704	78
5	166.005	166.025	166.045	166.055	166.065	166.085	166.505	166.605	166.705	94
6	166.006	166.026	166.046	166.056	166.066	166.086	166.506	166.606	166.706	110
7	166.007	166.027	166.047	166.057	166.067	166.087	166.507	166.607	166.707	126
8	166.008	166.028	166.048	166.058	166.068	166.088	166.508	166.608	166.708	142
9	166.009	166.029	166.049	166.059	166.069	166.089	166.509	166.609	166.709	158
10	166.010	166.030	166.050	166.060	166.070	166.090	166.510	166.610	166.710	174
12	166.012	166.032	166.051	166.061	166.072	166.091	166.512	166.612	166.712	206
14	166.014	166.034	-	-	166.073	166.092	166.513	166.613	166.713	238
16	166.016	166.036	-	-	166.074	166.093	166.514	166.614	166.714	270
18	166.018	166.038	-	-	166.075	166.094	166.515	166.615	166.715	302
20	166.020	166.040	-	-	166.076	166.095	166.516	166.616	166.716	334
22	166.021	166.042	-	-	166.077	166.096	166.517	166.617	166.717	366

TITANIUM

Holes	DHS Barrel Plates With DCP Holes					Short Barrel DCP Holes	DHS Barrel Plates With Round Holes			Length mm
	130°	135°	140°	145°	150°		135°	130°	135°	
2	Ti-166.001	Ti-166.022	Ti-166.042	Ti-166.052	Ti-166.062	Ti-166.082	Ti-166.502	Ti-166.602	Ti-166.702	46
3	Ti-166.002	Ti-166.023	Ti-166.043	Ti-166.053	Ti-166.063	Ti-166.083	Ti-166.503	Ti-166.603	Ti-166.703	56
4	Ti-166.004	Ti-166.024	Ti-166.044	Ti-166.054	Ti-166.064	Ti-166.084	Ti-166.504	Ti-166.604	Ti-166.704	78
5	Ti-166.005	Ti-166.025	Ti-166.045	Ti-166.055	Ti-166.065	Ti-166.085	Ti-166.505	Ti-166.605	Ti-166.705	94
6	Ti-166.006	Ti-166.026	Ti-166.046	Ti-166.056	Ti-166.066	Ti-166.086	Ti-166.506	Ti-166.606	Ti-166.706	110
7	Ti-166.007	Ti-166.027	Ti-166.047	Ti-166.057	Ti-166.067	Ti-166.087	Ti-166.507	Ti-166.607	Ti-166.707	126
8	Ti-166.008	Ti-166.028	Ti-166.048	Ti-166.058	Ti-166.068	Ti-166.088	Ti-166.508	Ti-166.608	Ti-166.708	142
9	Ti-166.009	Ti-166.029	Ti-166.049	Ti-166.059	Ti-166.069	Ti-166.089	Ti-166.509	Ti-166.609	Ti-166.709	158
10	Ti-166.010	Ti-166.030	Ti-166.050	Ti-166.060	Ti-166.070	Ti-166.090	Ti-166.510	Ti-166.610	Ti-166.710	174
12	Ti-166.012	Ti-166.032	Ti-166.051	Ti-166.061	Ti-166.072	Ti-166.091	Ti-166.512	Ti-166.612	Ti-166.712	206
14	Ti-166.014	Ti-166.034	-	-	Ti-166.073	Ti-166.092	Ti-166.513	Ti-166.613	Ti-166.713	238
16	Ti-166.016	Ti-166.036	-	-	Ti-166.074	Ti-166.093	Ti-166.514	Ti-166.614	Ti-166.714	270
18	Ti-166.018	Ti-166.038	-	-	Ti-166.075	Ti-166.094	Ti-166.515	Ti-166.615	Ti-166.715	302
20	Ti-166.020	Ti-166.040	-	-	Ti-166.076	Ti-166.095	Ti-166.516	Ti-166.616	Ti-166.716	334
22	Ti-166.021	Ti-166.042	-	-	Ti-166.077	Ti-166.096	Ti-166.517	Ti-166.617	Ti-166.717	366

□ INSTRUMENTS FOR DHS / DCS PLATES



DHS Angle Guide - 135°
Code No.: 701.022



T-Handle with Quick Coupling
Code No.: 701.023



DHS Tripple Reamer
Code No.: 701.025



DHS Tap
Code No.: 701.028



Wrench for DHS Screws
Code No.: 701.026



Long Coupling Screw for DHS Screw Removal
Code No.: 701.033



Centering Sleeve for DHS Tap
Code No.: 701.029



Centering Sleeve for DHS Wrench
Code No.: 701.030



**Coupling Screw for inserting DHS Screw
(for 2mm Guide Wire)**
Code No.: 701.031



Guide Shaft for Coupling Screw
Code No.: 701.032



DHS Impactor
Code No.: 701.027



Stylet
Code No.: 701.034

□ OPTIONAL INSTRUMENTS FOR DCS PLATES



DCS Triple Reamer
Code No.: 701.040



DHS Triple Reamer for Short Barrel
Code No.: 701.042



Variable Angle Guide
Code No.: 701.046



DCS ANGLE GUIDE
Code No.: 701.041

□ INSTRUMENTS & IMPLANTS SET FOR DHS/DCS PLATES

D.H.S. INSTRUMENTS SET, S.S.

Code No.: IS016

	Set Consisting of:	Units
703.015	Threaded Guide Wire 2.0mm Dia	6
701.022	DHS Angle Guide 135°	1
701.023	T-Handle with Quick Coupling	1
701.024	Direct Measuring Device	1
701.025	DHS Triple Reamer	1
701.026	Wrench for DHS Screws	1
701.027	DHS Impactor	1
701.028	DHS Tap	1
701.029	Centering Sleeve for DHS Tap	1
701.030	Centering Sleeve for DHS Wrench	1
701.031	Coupling Screw for Inserting DHS Screw (for 2mm Guide Wire) ..	1
701.032	Guide Shaft for Coupling Screw	1
701.033	Long Coupling Screw for DHS Screw Removal	1
701.034	Stylet	1
400.005	S.S.Box with Two Trays	1set



OPTIONAL INSTRUMENTS FOR ABOVE SET

	Units	
701.040	DCS Triple Reamer	1
701.041	DCS Angle Guide	1
701.042	DHS Triple Reamer for Short Barrel	1
701.043	DHS Angle Guide - 130°	1
701.044	DHS Angle Guide - 140°	1
701.045	DHS Angle Guide - 150°	1
701.046	Variable Angle Guide	1

DHS-DCS IMPLANT SET, S.S.

Code No.: IS017

	Set Consisting of:	Units
	DHS/DCS Screws	18
	1 each, Length 50, 70, 95, 100mm	
	2 each, Length 55, 60, 65, 75, 80, 85, 90mm	
	DHS/DCS Compression Screw	18
	DHS Plate - 135°	8
	2 each with 4, 5, 6, Holes	
	1 each with 8 & 10 Holes	
	DCS Plate - 95°	6
	1 each with 6 and 12 Holes	
	2 each with 8 and 10 Holes	
	S.S. Box with Two Trays (400.005)	1 set

□ HIP PROSTHESIS & MODULAR SYSTEM



Copyright © Narang Medical Limited. All rights reserved.



NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance



AUSTIN MOORE STEP BALL STAINLESS STEEL

Dia. mm	Non-Sterile	*Sterile
37	173.437	173.537
38	173.438	173.538
39	173.439	173.539
40	173.440	173.540
41	173.441	173.541
42	173.442	173.542
43	173.443	173.543
44	173.444	173.544
45	173.445	173.545
46	173.446	173.546
47	173.447	173.547
48	173.448	173.548
49	173.449	173.549
50	173.450	173.550
51	173.451	173.551
52	173.452	173.552
53	173.453	173.553
54	173.454	173.554
55	173.455	173.555
56	173.456	173.556
57	173.457	173.557



THOMPSON HIP PROSTHESIS - EXCEL STAINLESS STEEL

STANDARD STEM		Dia.	NARROW STEM	
Non-Sterile	*Sterile		Non-Sterile	*Sterile
Code No.	Code No.		Code No.	Code No.
172.037	172.237	37 mm	172.437	172.537
172.038	172.238	38 mm	172.438	172.538
172.039	172.239	39 mm	172.439	172.539
172.040	172.240	40 mm	172.440	172.540
172.041	172.241	41 mm	172.441	172.541
172.042	172.242	42 mm	172.442	172.542
172.043	172.243	43 mm	172.443	172.543
172.044	172.244	44 mm	172.444	172.544
172.045	172.245	45 mm	172.445	172.545
172.046	172.246	46 mm	172.446	172.546
172.047	172.247	47 mm	172.447	172.547
172.048	172.248	48 mm	172.448	172.548
172.049	172.249	49 mm	172.449	172.549
172.050	172.250	50 mm	172.450	172.550
172.051	172.251	51 mm	172.451	172.551
172.052	172.252	52 mm	172.452	172.552
172.053	172.253	53 mm	172.453	172.553
172.054	172.254	54 mm	172.454	172.554
172.055	172.255	55 mm	172.455	172.555

*Minimum Order for Assorted Sizes for Sterile Items are: 100 Pcs.



Code No.: 174.037



Code No.: 173.037



Code No.: 173.267

**AUSTIN MOORE HIP PROSTHESIS - EXCEL
STAINLESS STEEL**

Dia. in mm	STANDARD STEM		NARROW STEM		BROAD STEM	
	Non-Sterile Code No.	*Sterile Code No.	Non-Sterile Code No.	*Sterile Code No.	Non-Sterile Code No.	*Sterile Code No.
37	173.037	173.137	174.037	174.237	173.267	173.367
38	173.038	173.138	174.038	174.238	173.268	173.368
39	173.039	173.139	174.039	174.239	173.269	173.369
40	173.040	173.140	174.040	174.240	173.270	173.370
41	173.041	173.141	174.041	174.241	173.271	173.371
42	173.042	173.142	174.042	174.242	173.272	173.372
43	173.043	173.143	174.043	174.243	173.273	173.373
44	173.044	173.144	174.044	174.244	173.274	173.374
45	173.045	173.145	174.045	174.245	173.275	173.375
46	173.046	173.146	174.046	174.246	173.276	173.376
47	173.047	173.147	174.047	174.247	173.277	173.377
48	173.048	173.148	174.048	174.248	173.278	173.378
49	173.049	173.149	174.049	174.249	173.279	173.379
50	173.050	173.150	174.050	174.250	173.280	173.380
51	173.051	173.151	174.051	174.251	173.281	173.381
52	173.052	173.152	174.052	174.252	173.282	173.382
53	173.053	173.153	174.053	174.253	173.283	173.383
54	173.054	173.154	174.054	174.254	173.284	173.384
55	173.055	173.155	174.055	174.255	173.285	173.385
56	173.056	173.156	174.056	174.256	173.286	173.386
57	173.057	173.157	174.057	174.257	173.287	173.387
58	173.058	173.158	174.058	174.258	173.288	173.388

*Minimum Order for Assorted Sizes for Sterile Items are: 100 Pcs.



**AUSTIN MOORE HIP PROSTHESIS
EXTRA LONG STEM
STAINLESS STEEL**

Dia. mm	Non-Sterile	*Sterile
37	175.037	175.137
38	175.038	175.138
39	175.039	175.139
40	175.040	175.140
41	175.041	175.141
42	175.042	175.142
43	175.043	175.143
44	175.044	175.144
45	175.045	175.145
46	175.046	175.146
47	175.047	175.147
48	175.048	175.148
49	175.049	175.149
50	175.050	175.150
51	175.051	175.151
52	175.052	175.152
53	175.053	175.153
54	175.054	175.154
55	175.055	175.155

Stem Length: 300mm

BIPOLAR



**BIPOLAR HIP PROSTHESIS
STAINLESS STEEL**

Dia. mm	*Sterile
37	175.237
38	175.238
39	175.239
40	175.240
41	175.241
42	175.242
43	175.243
44	175.244
45	175.245
46	175.246
47	175.247
48	175.248
49	175.249
50	175.250
51	175.251
52	175.252
53	175.253
54	175.254
55	175.255

*Minimum Order for Assorted Sizes for Sterile Items are: 100 Pcs.



Rasp for Austin Moore
Code No.: 386.010



Rasp for Austin Moore Extra Long
Code No.: 386.011



Rasp for Thomposon
Code No.: 386.020

Code No.	Description
175.261	Rasp for Bipolar



Moore Hollow Chisel
Code No.: 386.040

□ INSTRUMENTS FOR FEMORAL HEAD



Murphy Lane Bone Skid
Code No.: 386.030



Judet Auger Extractor
Code No.: 386.050



Extractor Set for A.M. Prosthesis with 2 Hooks
Code No.: 386.080



Spare Hook for A.M. Extractor
Code No.: 386.090



Measuring Gauge for Prosthesis
Code No.: 386.060



Impactor Nylon Faced
Code No.: 386.070



All Parts to be Ordered Separately



All Parts to be Ordered Separately



COLLERLESS POLISHED TAPERED FEMORAL STEM

Code No.	Description	Size
175.400	Femoral Stem # 1	0
175.401	Femoral Stem # 2	1
175.402	Femoral Stem # 3	2
175.403	Femoral Stem # 4	3
175.404	Femoral Stem # 5	4



FEMORAL NECK BALL FOR C.P.T. HIP SYSTEM

I.D. 22mm			I.D. 26 mm	
Code No.	Description	Size	Code No.	
175.410	Femoral Neck # 1	-3	175.420	
175.411	Femoral Neck # 2	0	175.421	
175.412	Femoral Neck # 3	+3	175.422	
175.413	Femoral Neck # 4	+6	175.423	
175.414	Femoral Neck # 5	+10	175.424	



ACETABULAR CUP FOR C.P.T. HIP SYSTEM

I.D. 22mm			I.D. 26 mm	
Code No.	Description	Size	Code No.	
175.440	Acetabular Cup # 1	40	175.540	
175.443	Acetabular Cup # 2	43	175.543	
175.446	Acetabular Cup # 3	46	175.546	
175.449	Acetabular Cup # 4	49	175.549	
175.452	Acetabular Cup # 5	52	175.552	
175.455	Acetabular Cup # 6	55	175.555	
175.458	Acetabular Cup # 7	58	175.558	
175.461	Acetabular Cup # 8	61	175.561	



HARD TOP CUP FOR C.P.T. HIP SYSTEM

I.D. 22mm Code No.	Int. Dia. in mm	I.D. 26mm Code No.
175.639	39	175.739
175.640	40	175.740
175.641	41	175.741
175.642	42	175.742
175.643	43	175.743
175.644	44	175.744
175.645	45	175.745
175.646	46	175.746
175.647	47	175.747
175.648	48	175.748
175.649	49	175.749
175.650	50	175.750
175.651	51	175.751
175.652	52	175.752
175.653	53	175.753
175.654	54	175.754
175.655	55	175.755

BONE PLUG

Code No.	Description	Size
175.780	Bone Plug # 1	Small
175.781	Bone Plug # 2	Medium
175.782	Bone Plug # 3	Large

Code No.	Description
175.785	Centralizer

INSTRUMENTS FOR PRECISION MODULAR HIP SYSTEM

PRIMARY INSTRUMENTS FOR MODULAR STEM

MODULAR SYSTEM RETRACTORS

Code No.	Description
175.670	Charnley Retractor with Weight & Chain
175.671	Posterior Interior Retractor
175.672	Left Anterior Retractor
175.673	Right Anterior Retractor
175.674	Superior Retractor
175.675	Femoral Retractor
175.676	Blunt Hohmann Retractor
175.677	Sharp Hohman Retractor

PRECISION MIDSHAFT TAPERED REAMERS WITH HUDSON FITTING

Code No.	Description
175.680	Midshaft Reamer for #1 6mm to 8mm
175.681	Midshaft Reamer for #2 8mm to 11mm
175.682	Midshaft Reamer for #3 11mm to 13mm
175.683	Midshaft Reamer for #4 13mm to 16mm
175.684	Midshaft Reamer for #5 16mm to 19mm

Code No.	Description
175.685	T-Handle Coupling Adaptor for Precision Midshaft Tapered Reamers
175.678	Femoral Neck Cutting Guide
175.688	Precision Broach/Trial Handle with Extractor Ram

PRECISION TOTAL HIP BROACH/TRIAL FOR MEMORAL STEM COMPONENT

Code No.	Description
175.690	Broach/Trial #1 for Femoral Stem #0
175.691	Broach/Trial #2 for Femoral Stem #1
175.692	Broach/Trial #3 for Femoral Stem #2
175.693	Broach/Trial #4 for Femoral Stem #3
175.694	Broach/Trial #5 for Femoral Stem #4

*Minimum Order for Assorted Sizes for Sterile Items are: 100 Pcs.

□ INSTRUMENTS FOR PRECISION MODULAR HIP SYSTEM

Code No.	Description
175.695	Precision Femoral Stem Inserter with Extractor Device
175.696	Precision Centerilizer Placement Rod
175.697	Stem Alignment Rod for Precision Femoral Stem Inserter
175.698	Precision Bone Cement Block/ Inserter Rod
175.699	Neck Pusher - S.S. Hard Top

□ PRIMARY MODULAR SYSTEM ACETABULAR CUP/NECK TRIALS

PRIMARY MODULAR SYSTEM ACETABULAR CUP/NECK TRIALS

Code No.	Description
175.900	Precision Femoral Head Extractor
175.901	Precision Head measuring Gauge
175.902	Precision Acetabular Reamer Handle with Hudson Fitting
175.925	Acetabular Drill Guide Handle
175.926	Precision Acetabular Cup Positioner with pusher & Alignment Rod
175.927	Precision Acetabular pusher 22/26mm Cups Impactor with Alignment Rod
175.928	Acetabular Cup Extractor

FEMORAL NECK TRIALS

I.D. 22mm			I.D. 26 mm	
Code No.	Description	Size	Code No.	
175.930	Femoral Neck # 1	-3	175.935	
175.931	Femoral Neck # 2	0	175.936	
175.932	Femoral Neck # 3	+3	175.937	
175.933	Femoral Neck # 4	+6	175.938	
175.934	Femoral Neck # 5	+10	175.939	

PRECISION ACETABULAR REAMER HEAD COMPONENTS

Code No.	Description	Size mm
175.905	Acetabular Reamers # 1	40
175.906	Acetabular Reamers # 2	43
175.907	Acetabular Reamers # 3	46
175.908	Acetabular Reamers # 4	49
175.909	Acetabular Reamers # 5	52
175.910	Acetabular Reamers # 6	55
175.911	Acetabular Reamers # 7	58
175.912	Acetabular Reamers # 8	61
175.913	Acetabular Reamers # 9	64

ACETABULAR CUP TRIAL

I.D. 22mm			I.D. 26 mm	
Code No.	Description	Size	Code No.	
175.940	Acetabular Cup # 1	40	175.950	
175.941	Acetabular Cup # 2	43	175.951	
175.942	Acetabular Cup # 3	46	175.952	
175.943	Acetabular Cup # 4	49	175.953	
175.944	Acetabular Cup # 5	52	175.954	
175.945	Acetabular Cup # 6	55	175.955	
175.946	Acetabular Cup # 7	58	175.956	
175.947	Acetabular Cup # 8	61	175.957	

ACETABULAR CURRETTE

Code No.	Size
175.920	Small
175.921	Medium
175.922	Large

*Minimum Order for Assorted Sizes for Sterile Items are: 100 Pcs.

TOTAL HIP SYSTEM ... IMPLANTS & INSTRUMENTS FOR TOTAL HIP SURGERY

CHARNLEY FEMORAL STEM WITH VARIABLE NECKS - STERILE

Description	Size	Short Neck	Standard Neck	Extra Long Neck
Femoral Stem # 1	0	176.001	176.007	176.013
Femoral Stem # 2	1	176.002	176.008	176.014
Femoral Stem # 3	2	176.003	176.009	176.015
Femoral Stem # 4	3	176.004	176.010	176.016
Femoral Stem # 5	4	176.005	176.011	176.017
Femoral Stem # 6	5	176.006	176.012	176.018



**CUP FOR CHARNLEY HIP SYSTEM
INTERNAL DIA. 22MM (STERILE)**

Code No.	Description	Size mm
176.040	Acetabular Cup # 1	40
176.043	Acetabular Cup # 2	43
176.046	Acetabular Cup # 3	46
176.049	Acetabular Cup # 4	49
176.052	Acetabular Cup # 5	52
176.055	Acetabular Cup # 6	55
176.058	Acetabular Cup # 7	58
176.061	Acetabular Cup # 8	61

BONE PLUG

Code No.	Description	Size
176.030	Bone Plug # 1	Small
176.031	Bone Plug # 2	Medium
176.032	Bone Plug # 3	Large

Code No.	Description
176.033	Centralizer

INSTRUMENTS FOR TOTAL HIP SURGERY

CHARNLEY TYPE HIP SYSTEM

Code No.	Description
176.204	Charnley Retractor with Weight & Chain
176.205	Posterior Interior Retractor
176.206	Left Anterior Retractor
176.207	Right Anterior Retractor
176.208	Superior Retractor
176.209	Femoral Retractor
176.210	Blunt Hohmann Retractor
176.211	Sharp Hohman Retractor

CHARNLEY MIDSHAFT TAPERED REAMERS WITH HUDSON FITTING

Code No.	Description
176.230	Midshaft Reamer for #1 6mm to 8mm
176.231	Midshaft Reamer for #2 8mm to 11mm
176.232	Midshaft Reamer for #3 11mm to 13mm
176.233	Midshaft Reamer for #4 13mm to 16mm
176.234	Midshaft Reamer for #5 16mm to 19mm

**CHARNLEY TOTAL HIP BROACH
FOR MEMORAL STEM COMPONENT**

Code No.	Description
176.260	Broach/Trial #1 for Femoral Stem #0
176.261	Broach/Trial #2 for Femoral Stem #1
176.262	Broach/Trial #3 for Femoral Stem #2
176.263	Broach/Trial #4 for Femoral Stem #3
176.264	Broach/Trial #5 for Femoral Stem #4

**CHARNLEY TRIAL NECK
FOR BROACH/TRIAL STEM COMPONENT**

Code No.	Description	Size mm
176.240	Broach/Trial Stem #1 Short Neck	31
176.241	Broach/Trial Stem #2 Standard Long Neck	35
176.242	Broach/Trial Stem #3 Extra Long Neck	42

Code No.	Description
176.218	Femoral Stem Inserter with Extractor Device
176.215	Charnley Neck Cutting Guide
176.220	Charnley Stem Impactor with Changeable Nylon Face
176.250	T-Handle Coupling Adopter for Charnley Midshaft Tapered Reamers
176.251	Charnley Centerilizer Placement Rod
176.252	Charnley Broach Handle with Extractor Ram
176.253	Charnley Stem Alignment Rod for Precision Femoral Stem Inserter
176.254	Charnley Bone Cement Block/Inserter Rod

PRIMARY CHARNLEY SYSTEM ACETABULAR CUP/NECK TRIALS

Code No.	Description
176.360	Charnley Femoral Head Extractor
176.361	Charnley Head measuring Gauge
176.363	Charnley Acetabular Reamer Handle with Hudson Fitting
176.383	Acetabular Drill Guide Handle
176.384	Charnley Acetabular Cup Positioner with pusher & Alignment Rod
176.385	Charnley Acetabular pusher 22mm Cups Impactor with Alignment rod
176.386	Acetabular Cup Extractor

ACETABULAR CURRETTE

Code No.	Size
176.380	Small
176.381	Medium
176.382	Large

**CHARNLEY ACETABULAR REAMER
HEAD COMPONENTS (I.D. 22MM)**

Code No.	Description	Size mm
176.365	Acetabular Reamers # 1	40
176.366	Acetabular Reamers # 2	43
176.367	Acetabular Reamers # 3	46
176.368	Acetabular Reamers # 4	49
176.369	Acetabular Reamers # 5	52
176.370	Acetabular Reamers # 6	55
176.371	Acetabular Reamers # 7	58
176.372	Acetabular Reamers # 8	61
176.373	Acetabular Reamers # 9	64

**ACETABULAR CUP TRIALS
(I.D. 22MM)**

Code No.	Description	Size mm
176.390	Acetabular Cup # 1	40
176.391	Acetabular Cup # 2	43
176.392	Acetabular Cup # 3	46
176.393	Acetabular Cup # 4	49
176.394	Acetabular Cup # 5	52
176.395	Acetabular Cup # 6	55
176.396	Acetabular Cup # 7	58
176.397	Acetabular Cup # 8	61
176.398	Acetabular Cup # 9	64

NEW ARRIVALS



ACL Screws

STAINLESS STEEL

Length in mm.	Diameter		
	7 mm	8 mm	9 mm
20	630.07-20	630.08-20	630.09-20
25	630.07-25	630.08-25	630.09-25
30	630.07-30	630.08-30	630.09-30
35	630.07-35	630.08-35	630.09-35

TITANIUM

Length in mm.	Diameter		
	7 mm	8 mm	9 mm
20	Ti-630.07-20	Ti-630.08-20	Ti-630.09-20
25	Ti-630.07-25	Ti-630.08-25	Ti-630.09-25
30	Ti-630.07-30	Ti-630.08-30	Ti-630.09-30
35	Ti-630.07-35	Ti-630.08-35	Ti-630.09-35



Spinal Rod, 6.30mm (1/4 inch) x 610mm

Length	S.S.	Titanium
400 mm	275.623	Ti-275.625
610 mm	275.624	Ti-275.626



Straight Side Connector
6.30mm (1/4 inch)

	Stainless Steel	Titanium
Code No.	275.655	Ti-275.655

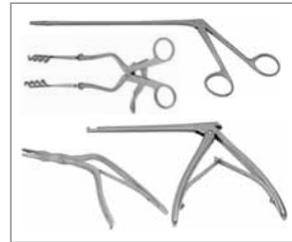


DHS BARREL PLATES DCP HOLES - VARIABLE ANGLE

No. of Holes	Codes	
	S.S.	Titanium
4	166.804	Ti-166.804
5	166.805	Ti-166.805
6	166.806	Ti-166.806
7	166.807	Ti-166.807
8	166.808	Ti-166.808
9	166.809	Ti-166.809
10	166.810	Ti-166.810
12	166.812	Ti-166.812
14	166.814	Ti-166.814
16	166.816	Ti-166.816
18	166.818	Ti-166.818
20	166.820	Ti-166.820
22	166.822	Ti-166.822



SPINE SURGERY



Copyright © Narang Medical Limited. All rights reserved.



NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance



□ HARRINGTON IMPLANTS



**HARRINGTON ROD
STAINLESS STEEL**

Code No.	Size mm
197.025	25
197.051	51
197.076	76
197.102	102
197.127	127
197.152	152
197.178	178
197.203	203
197.224	224
197.254	254



**HARRINGTON HOOKS
STAINLESS STEEL**

Code No.	Description
197.270	Harrington Hook Upper - Sharp
197.271	Harrington Hook Upper - Blunt
197.275	Harrington Hook Lower - Sharp
197.276	Harrington Hook Lower - Blunt
197.280	Clip Washer

□ HARRINGTON INSTRUMENTS

**HARRINGTON INSTRUMENTS
STAINLESS STEEL**

Code No.	Description
390.005	Harrington Punch
390.010	Hook Holding Forceps - Left
390.015	Hook Holding Forceps - Right
390.020	Hook Spreader
390.025	Threaded Rod Clamp - Small
390.030	Threaded Rod Clamp - Large
390.035	Hook Pusher - Straight
390.040	Hook Pusher - Curved
390.045	C-Washer Holding Forceps
390.056	Spinal Rod Bender
390.055	Out Riger
391.000	Bender for Hart Shells (Pair)

**CAPNERS'/COBB SPINAL GOUGE
STAINLESS STEEL**

Code No.	Description
389.036	Straight
389.038	Curved
389.040	Deep Curved



SPINAL ROD BENDER
Code No.: 390.056



□ STEFFEE IMPLANTS



STEFFEE PLATES

No. of Holes	Codes	
	Stainless Steel	Titanium
1	198.010	Ti-198.010
1.5	198.015	Ti-198.015
2	198.020	Ti-198.020
2 Half Holes	198.022	Ti-198.022
2.5	198.025	Ti-198.025
3	198.030	Ti-198.030
3 Half Holes	198.032	Ti-198.032
3.5	198.035	Ti-198.035
4	198.040	Ti-198.040
4.5	198.045	Ti-198.045
5	198.050	Ti-198.050



STEFFEE SCREWS

Length in mm	Codes / Diameter (STAINLESS STEEL)				Codes / Diameter (TITANIUM)			
	4.5 mm	5.5 mm	6.25 mm	7 mm	4.5 mm	5.5 mm	6.25 mm	7 mm
24	198.124	198.224	198.324	198.424	Ti-198.124	Ti-198.224	Ti-198.324	Ti-198.424
26	198.126	198.226	198.326	198.426	Ti-198.126	Ti-198.226	Ti-198.326	Ti-198.426
28	198.128	198.228	198.328	198.428	Ti-198.128	Ti-198.228	Ti-198.328	Ti-198.428
30	198.130	198.230	198.330	198.430	Ti-198.130	Ti-198.230	Ti-198.330	Ti-198.430
32	198.132	198.232	198.332	198.432	Ti-198.132	Ti-198.232	Ti-198.332	Ti-198.432
34	198.134	198.234	198.334	198.434	Ti-198.134	Ti-198.234	Ti-198.334	Ti-198.434
36	198.136	198.236	198.336	198.436	Ti-198.136	Ti-198.236	Ti-198.336	Ti-198.436
38	198.138	198.238	198.338	198.438	Ti-198.138	Ti-198.238	Ti-198.338	Ti-198.438
40	198.140	198.240	198.340	198.440	Ti-198.140	Ti-198.240	Ti-198.340	Ti-198.440
42	198.142	198.242	198.342	198.442	Ti-198.142	Ti-198.242	Ti-198.342	Ti-198.442
44	198.144	198.244	198.344	198.444	Ti-198.144	Ti-198.244	Ti-198.344	Ti-198.444
46	198.146	198.246	198.346	198.446	Ti-198.146	Ti-198.246	Ti-198.346	Ti-198.446
48	198.148	198.248	198.348	198.448	Ti-198.148	Ti-198.248	Ti-198.348	Ti-198.448
50	198.150	198.250	198.350	198.450	Ti-198.150	Ti-198.250	Ti-198.350	Ti-198.450
52	198.152	198.252	198.352	198.452	Ti-198.152	Ti-198.252	Ti-198.352	Ti-198.452
54	198.154	198.254	198.354	198.454	Ti-198.154	Ti-198.254	Ti-198.354	Ti-198.454
56	198.156	198.256	198.356	198.456	Ti-198.156	Ti-198.256	Ti-198.356	Ti-198.456
58	198.158	198.258	198.358	198.458	Ti-198.158	Ti-198.258	Ti-198.358	Ti-198.458
60	198.160	198.260	198.360	198.460	Ti-198.160	Ti-198.260	Ti-198.360	Ti-198.460

□ STEFFEE INSTRUMENTS, S.S.

Code No.	Description
392.010	Steffee Wrench - 8mm
392.020	Steffee Wrench - 11mm
392.030	Steffee Screw Tap - 4.5mm
392.040	Steffee Screw Tap - 5.5mm
392.050	Steffee Awl
392.060	Steffee Screw Introducer

□ TRAUMATOLOGY OF SPINE



H-PLATE FOR CERVICAL SPINE

No. of Holes	Hole Spacing in mm	Length in mm	Stainless Steel	Titanium
5	16	23	199.001	Ti-199.001
5	18	25	199.002	Ti-199.002
5	21	28	199.003	Ti-199.003
8	16+18	41	199.004	Ti-199.004
8	18+21	46	199.005	Ti-199.005
11	16+18+18	58	199.006	Ti-199.006



HART SHELLS

Size in mm.	Codes	
	Stainless Steel	Titanium
75	195.103	Ti-195.103
100	195.104	Ti-195.104
125	195.105	Ti-195.105
150	195.106	Ti-195.106
175	195.107	Ti-195.107
200	195.108	Ti-195.108
225	195.109	Ti-195.109
250	195.110	Ti-195.110

□ INSTRUMENTS FOR LAMINECTOMY, S.S.

Code No.	Description
389.002	Punch Forceps-Small-Upcutting
389.004	Punch Forceps-Small-Downcutting
389.006	Punch Forceps-Large-Upcutting
389.008	Punch Forceps-Large-Downcutting
389.010	Punch Forceps-45° Angle-Upcutting
389.012	Punch Forceps-45° Angle-Downcutting
389.014	Disc Forceps-Straight
389.016	Disc Forceps-Upward
389.018	Disc Forceps-Downward
389.020	Beckmann Adson Retractor
389.022	Nerve Root Retractor - Straight
389.024	Nerve Root Retractor - 45° Angle
389.026	Nerve Root Retractor - 90° Angle
389.028	Nerve Root Dissector
389.030	McDowel's Dissector
389.032	Durer Elevator
389.034	Cobs Elevator
389.042	Spinal Rongeurs



Spinal Rongeurs
Code No.: 389.042



BONE CURETTE WITH FIBRE HANDLE
Code No.: 367.020



McDowel's Dissector
Code No.: 389.030



Cobs Elevator
Code No.: 389.034

**SELF RETAINING
RETRACTOR
STAINLESS STEEL**

Code No.	Size
380.010	Small
380.020	Medium
380.030	Large
380.040	Extra Large





Punch Forceps-Small-Upcutting
Code No.: 389.002



Punch Forceps-Small-Downcutting
Code No.: 389.004



Punch Forceps-Large-Downcutting
Code No.: 389.008



Punch Forceps-Large-Upcutting
Code No.: 389.006



Punch Forceps-45° Angle-Upcutting
Code No.: 389.010



Punch Forceps-45° Angle-Downcutting
Code No.: 389.012



Disc Forceps-Straight
Code No.: 389.014



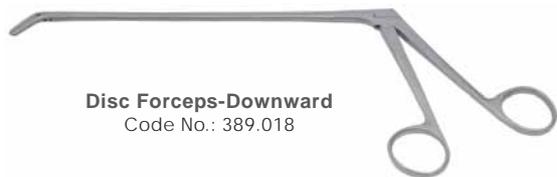
Nerve Root Retractor - Straight
Code No.: 389.022



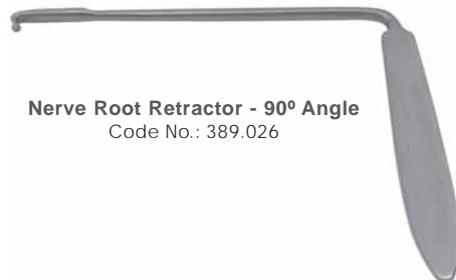
Disc Forceps-Upward
Code No.: 389.016



Nerve Root Retractor - 45° Angle
Code No.: 389.024



Disc Forceps-Downward
Code No.: 389.018



Nerve Root Retractor - 90° Angle
Code No.: 389.026



MONO-AXIAL SCREWS



POLY-AXIAL SCREWS

Length in mm	Code / Dia. (Stainless Steel)			Code / Dia. (Titanium)		
	4 mm	5 mm	6 mm	4 mm	5 mm	6 mm
24	199.424	199.524	199.624	Ti-199.424	Ti-199.524	Ti-199.624
26	199.426	199.526	199.626	Ti-199.426	Ti-199.526	Ti-199.626
28	199.428	199.528	199.628	Ti-199.428	Ti-199.528	Ti-199.628
30	199.430	199.530	199.630	Ti-199.430	Ti-199.530	Ti-199.630
32	199.432	199.532	199.632	Ti-199.432	Ti-199.532	Ti-199.632
34	199.434	199.534	199.634	Ti-199.434	Ti-199.534	Ti-199.634
36	199.436	199.536	199.636	Ti-199.436	Ti-199.536	Ti-199.636
38	199.438	199.538	199.638	Ti-199.438	Ti-199.538	Ti-199.638
40	199.440	199.540	199.640	Ti-199.440	Ti-199.540	Ti-199.640
42	199.442	199.542	199.642	Ti-199.442	Ti-199.542	Ti-199.642
44	199.444	199.544	199.644	Ti-199.444	Ti-199.544	Ti-199.644
46	199.446	199.546	199.646	Ti-199.446	Ti-199.546	Ti-199.646
48	199.448	199.548	199.648	Ti-199.448	Ti-199.548	Ti-199.648
50	199.450	199.550	199.650	Ti-199.450	Ti-199.550	Ti-199.650
52	199.452	199.552	199.652	Ti-199.452	Ti-199.552	Ti-199.652
54	199.454	199.554	199.654	Ti-199.454	Ti-199.554	Ti-199.654
56	199.456	199.556	199.656	Ti-199.456	Ti-199.556	Ti-199.656
58	199.458	199.558	199.658	Ti-199.458	Ti-199.558	Ti-199.658
60	199.460	199.560	199.660	Ti-199.460	Ti-199.560	Ti-199.660

Length in mm	Code / Dia. (Stainless Steel)			Code / Dia. (Titanium)		
	4 mm	5 mm	6 mm	4 mm	5 mm	6 mm
24	200.424	200.524	200.624	Ti-200.424	Ti-200.524	Ti-200.624
26	200.426	200.526	200.626	Ti-200.426	Ti-200.526	Ti-200.626
28	200.428	200.528	200.628	Ti-200.428	Ti-200.528	Ti-200.628
30	200.430	200.530	200.630	Ti-200.430	Ti-200.530	Ti-200.630
32	200.432	200.532	200.632	Ti-200.432	Ti-200.532	Ti-200.632
34	200.434	200.534	200.634	Ti-200.434	Ti-200.534	Ti-200.634
36	200.436	200.536	200.636	Ti-200.436	Ti-200.536	Ti-200.636
38	200.438	200.538	200.638	Ti-200.438	Ti-200.538	Ti-200.638
40	200.440	200.540	200.640	Ti-200.440	Ti-200.540	Ti-200.640
42	200.442	200.542	200.642	Ti-200.442	Ti-200.542	Ti-200.642
44	200.444	200.544	200.644	Ti-200.444	Ti-200.544	Ti-200.644
46	200.446	200.546	200.646	Ti-200.446	Ti-200.546	Ti-200.646
48	200.448	200.548	200.648	Ti-200.448	Ti-200.548	Ti-200.648
50	200.450	200.550	200.650	Ti-200.450	Ti-200.550	Ti-200.650
52	200.452	200.552	200.652	Ti-200.452	Ti-200.552	Ti-200.652
54	200.454	200.554	200.654	Ti-200.454	Ti-200.554	Ti-200.654
56	200.456	200.556	200.656	Ti-200.456	Ti-200.556	Ti-200.656
58	200.458	200.558	200.658	Ti-200.458	Ti-200.558	Ti-200.658
60	200.460	199.560	200.660	Ti-200.460	Ti-200.560	Ti-200.660



**ROD
STAINLESS STEEL**

Length in mm.	Diameter			
	2 mm	3 mm	4 mm	5 mm
75	204.275	204.375	204.475	204.575
80	204.280	204.380	204.480	204.580
100	204.210	204.310	204.410	204.510
125	204.212	204.312	204.412	204.512
150	204.215	204.315	204.415	204.515

**ROD
TITANIUM**

Length in mm.	Diameter			
	2 mm	3 mm	4 mm	5 mm
75	Ti-204.275	Ti-204.375	Ti-204.475	Ti-204.575
80	Ti-204.280	Ti-204.380	Ti-204.480	Ti-204.580
100	Ti-204.210	Ti-204.310	Ti-204.410	Ti-204.510
125	Ti-204.212	Ti-204.312	Ti-204.412	Ti-204.512
150	Ti-204.215	Ti-204.315	Ti-204.415	Ti-204.515

REDUCTION SCREW

Length in mm.	Codes / Dia. (S.S.)		Codes / Dia. (Titanium)	
	5 mm	6 mm	5 mm	6 mm
30	201.530	201.630	Ti-201.530	Ti-201.630
35	201.535	201.635	Ti-201.535	Ti-201.635
40	201.540	201.640	Ti-201.540	Ti-201.640
45	201.545	201.645	Ti-201.545	Ti-201.645
50	201.550	201.650	Ti-201.550	Ti-201.650
55	201.555	201.655	Ti-201.555	Ti-201.655



TRANSVERSE CONNECTOR

Sizes	Stainless Steel	Titanium
Small	199.503	Ti-199.503
Large	199.504	Ti-199.504



Items Stainless Steel	Code No.	
	Small	Large
Pedicle Hook	202.001	202.101
Lamina Hook Reduced Distance	202.002	202.102
Lamina Hook Angle Blade	202.003	202.103
Lamina Hook Narrow Blade	202.004	202.104
Lamina Hook Wide Blade	202.005	202.105
Transverse Connector	203.001	203.101
Staple	203.002	203.102
Inner Screw for Screws & Hooks	203.003	203.103
Outer Nut for Screws & Hooks	203.004	203.104

Items Titanium	Code No.	
	Small	Large
Pedicle Hook	Ti-202.001	Ti-202.101
Lamina Hook Reduced Distance	Ti-202.002	Ti-202.102
Lamina Hook Angle Blade	Ti-202.003	Ti-202.103
Lamina Hook Narrow Blade	Ti-202.004	Ti-202.104
Lamina Hook Wide Blade	Ti-202.005	Ti-202.105
Transverse Connector	Ti-203.001	Ti-203.101
Staple	Ti-203.002	Ti-203.102
Inner Screw for Screws & Hooks	Ti-203.003	Ti-203.103
Outer Nut for Screws & Hooks	Ti-203.004	Ti-203.104

**CAGE
STAINLESS STEEL**

Length in mm	Diameter							
	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm	22 mm	24 mm
20	205.10-20	205.12-20	205.14-20	205.16-20	205.18-20	205.20-20	205.22-20	205.24-20
25	205.10-25	205.12-25	205.14-25	205.16-25	205.18-25	205.20-25	205.22-25	205.24-25
30	205.10-30	205.12-30	205.14-30	205.16-30	205.18-30	205.20-30	205.22-30	205.24-30
35	205.10-35	205.12-35	205.14-35	205.16-35	205.18-35	205.20-35	205.22-35	205.24-35
40	205.10-40	205.12-40	205.14-40	205.16-40	205.18-40	205.20-40	205.22-40	205.24-40
45	205.10-45	205.12-45	205.14-45	205.16-45	205.18-45	205.20-45	205.22-45	205.24-45
50	205.10-50	205.12-50	205.14-50	205.16-50	205.18-50	205.20-50	205.22-50	205.24-50

TITANIUM

Length in mm	Diameter							
	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm	22 mm	24 mm
20	Ti-205.10-20	Ti-205.12-20	Ti-205.14-20	Ti-205.16-20	Ti-205.18-20	Ti-205.20-20	Ti-205.22-20	Ti-205.24-20
25	Ti-205.10-25	Ti-205.12-25	Ti-205.14-25	Ti-205.16-25	Ti-205.18-25	Ti-205.20-25	Ti-205.22-25	Ti-205.24-25
30	Ti-205.10-30	Ti-205.12-30	Ti-205.14-30	Ti-205.16-30	Ti-205.18-30	Ti-205.20-30	Ti-205.22-30	Ti-205.24-30
35	Ti-205.10-35	Ti-205.12-35	Ti-205.14-35	Ti-205.16-35	Ti-205.18-35	Ti-205.20-35	Ti-205.22-35	Ti-205.24-35
40	Ti-205.10-40	Ti-205.12-40	Ti-205.14-40	Ti-205.16-40	Ti-205.18-40	Ti-205.20-40	Ti-205.22-40	Ti-205.24-40
45	Ti-205.10-45	Ti-205.12-45	Ti-205.14-45	Ti-205.16-45	Ti-205.18-45	Ti-205.20-45	Ti-205.22-45	Ti-205.24-45
50	Ti-205.10-50	Ti-205.12-50	Ti-205.14-50	Ti-205.16-50	Ti-205.18-50	Ti-205.20-50	Ti-205.22-50	Ti-205.24-50

□ INSTRUMENTS FOR MONO-AXIAL & POLY AXIAL SPINE IMPLANTS, S.S.

Code No.	Description
206.001	Pedicle Elevator
206.002	Laminar Elevator
206.003	Thoracic Facet Finder
206.004	Probe Flat
206.005	Probe Round
206.006	Bone Tap - 6mm
206.007	Bone Tap - 5mm
206.008	Monoxial Screw Driver
206.009	Polyaxial Screw Driver
206.010	In-Line Hook Holder
206.011	Insertor for In-Line Holder
206.012	Compact Hook Holder
206.013	Insertor for Compact Hook Holder
206.014	2.5mm Standard Hex Shaft
206.015	French Rod Bender
206.016	Tube Rod Bender

Code No.	Description
206.017	IN-Situ Rod Bender, Right & Left
206.018	Rod Holder
206.019	Open Rod Pusher
206.020	Closed Rod Pusher
206.021	Sagittal Hook Holder
206.022	Sagittal Rod Aproximator
206.023	Sagittal Hook Holder Threaded
206.024	Sagittal Rod Fork Large & Small
206.025	Inner Screw Insertor with Outer Nut Insertor
206.027	Compressor
206.028	Spreader
206.029	Rod Clamp - Long
206.030	Distractor - Angled
206.031	Inner Screw Tightener - Long
206.032	Outer Nut Tightener

Code No.	Description
206.033	Outer Nut Tightener - Half Wrench
206.034	90° Awl
206.035	Staple Driver
206.036	Rod Cutter
206.037	Rod Stabiliser
206.038	Depth Gauge
206.039	Vertebral Body Positioner
206.040	Straight Awl
206.041	Tightener - Long
206.042	Tab Removers (Pair)
206.043	Monoaxial Screwdriver for Reduction Screw
206.044	Polyaxial Screw Driver Shaft Sleeve
206.045	Cage Holder
206.046	Cage Pusher



Compressor
Code No.: 206.027



Flat Prob
Code No.: 206.004



Monoaxial Screw Driver
Code No.: 206.008



Bone Tap
Code No.: 206.006 / 206.007



Straight Awl
Code No.: 206.040



Pedical Elevator
Code No.: 206.001



Inner Screw Inserter with Outer Nut Inserter
Code No.: 206.025



Rod Holder
Code No.: 206.018



Spreader
Code No.: 206.028



Polyaxial Screw Driver
Code No.: 206.009



Polyaxial Screw Driver Shaft Sleeve
Code No.: 206.044



Rod Clamp, Long
Code No.: 206.029



Spinal Rod Bender
Code No.: 390.056

□ EXTERNAL FIXATORS



Copyright © Narang Medical Limited. All rights reserved.



NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance



□ EXTERNAL FIXATOR FOR FOREARM & METACARPALS, S.S.



SMALL SINGLE PIN CLAMP 4.0X2.5MM
Code No.: 213.001



SMALL CONNECTING CLAMP 4.0X4.0MM
Code No.: 213.002



SMALL COMPRESSION DISTRACTION DEVICE
Code No.: 217.000



SPANNER - 8MM
Code No.: 215.000



CONNECTING ROD - 4.0MM DIA.

Code No.	Length mm
214.003	100
214.004	150
214.005	200
214.006	250
214.007	300



T-WRENCH - 8MM
Code No.: 216.000



FRONT THREADED PINS

Code No.	Dia. mm	Length mm
220.010	1.5	75
220.020	2.0	75
220.030	2.5	100

Code No.	Description
218.000	Double Sleeve 2.5mm / 4.0mm Dia.



FRONT THREADED PINS

Code No.	Description
	Dia 3.5mm, Shaft 4.0mm, Length 125mm
220.040	Thread Length - 14mm
220.041	Thread Length - 20 mm
	Dia 3.5mm, Shaft 4.5mm, Length 125mm
220.050	Thread Length - 18mm
220.051	Thread Length - 22mm
	220.060 Cancellous Front Threaded Pin
	Dia 3.5mm, Shaft 4.0mm, Length 125mm

□ TUBULAR EXTERNAL FIXATOR, S.S.

Code No.	Description
210.001	Single Pin Clamp
210.002	Single Pin Clamp (Deluxe)
210.003	Double Pin Clamp
210.003a	Double Pin Clamp (Deluxe)
210.004	Open Single Pin Clamp
210.005	Connecting Clamp
210.007	Twin Adjustable Clamp - Straight
210.008	Twin Adjustable Clamp - Curved
210.009	Transverse Clamp
210.010	Tube to Tube Clamp
210.011	Semi Circular Tubular Rod - Small
210.012	Semi Circular Tubular Rod - Large
210.013	Single Pin Clamp with Extension Plate
210.014	Double Pin Clamp with Extension Plate
210.030	Compression Distraction Device
210.031	Shanz Pin Introducer

Code No.	Description
210.032	Connecting Rod 5.0mm
210.033	Spanner - 11mm
210.034	T-Wrench - 11mm
210.035	Box Spanner - 11mm
210.036	Triple Trocar Set with Handle
210.037	Triple Trocar Set - Extra Long
210.038	Sleeve with Handle for 6.5mm Cancellous Shanz Pin
210.050	Tubular Rods : 100mm (4")
210.051	Tubular Rods : 150mm (6")
210.052	Tubular Rods : 200mm (8")
210.053	Tubular Rods : 250mm (10")
210.054	Tubular Rods : 300mm (12")
210.055	Tubular Rods : 350mm (14")
210.056	Tubular Rods : 400mm (16")
210.057	Tubular Rods : 450mm (18")
210.058	Tubular Rods : 500mm (20")



SINGLE PIN CLAMP
Code No.: 210.001



SINGLE PIN CLAMP (DELUXE)
Code No.: 210.002



DOUBLE PIN CLAMP
Code No.: 210.003



DOUBLE PIN CLAMP (DELUXE)
Code No.: 210.003a



OPEN SINGLE PIN CLAMP
Code No.: 210.004



CONNECTING CLAMP
Code No.: 210.005



TWIN ADJUSTABLE CLAMP - STRAIGHT
Code No.: 210.007



TWIN ADJUSTABLE CLAMP - CURVED
Code No.: 210.008



TRANSVERSE CLAMP
Code No.: 210.009



TUBE TO TUBE CLAMP
Code No.: 210.010



COMPRESSION DISTRACTION DEVICE
Code No.: 210.030



SHANZ PIN INTRODUCER
Code No.: 210.031



CONNECTING ROD 5.0MM
Code No.: 210.032



SPANNER - 11MM, S.S.
Code No.: 210.033



TRIPLE TROCAR SET WITH HANDLE
Code No.: 210.036



**TRIPLE TROCAR SET WITH HANDLE
EXTRA LONG**
Code No.: 210.037



TUBULAR ROD

Code No.	Description
210.050	Tubular Rods : 100mm (4")
210.051	Tubular Rods : 150mm (6")
210.052	Tubular Rods : 200mm (8")
210.053	Tubular Rods : 250mm (10")
210.054	Tubular Rods : 300mm (12")
210.055	Tubular Rods : 350mm (14")
210.056	Tubular Rods : 400mm (16")
210.057	Tubular Rods : 450mm (18")
210.058	Tubular Rods : 500mm (20")



FRONT THREADED PINS (SHANZ SCREWS)

Code No.	Dia. mm	Length mm	Thread mm
211.001	4.0	125	18
211.002	4.0	175	25
211.005	4.5	150	18
211.006	4.5	150	25
211.007	4.5	175	18
211.008	4.5	175	25
211.009	4.5	175	32
211.010	4.5	175	40
211.011	4.5	200	25
211.012	4.5	200	32
211.013	4.5	200	40
211.014	4.5	225	25
211.015	4.5	225	32
211.016	4.5	225	40
211.025	5.0	150	18
211.026	5.0	150	25
211.027	5.0	175	18
211.028	5.0	175	25
211.029	5.0	175	32
211.030	5.0	175	40
211.031	5.0	200	25
211.032	5.0	200	32
211.033	5.0	200	40
211.034	5.0	225	25
211.035	5.0	225	32
211.036	5.0	225	40
211.037	6.0	225	32
211.038	6.0	225	40



**CANCELLOUS FRONT THREADED PIN
 6.5MM DIA.**

Code No.	Thread Length in mm	Total Length in mm
212.016	16	225
212.032	32	225
212.050	50	225



**EXTERNAL FIXATOR - ILIZAROV
1/2 RING**

Code No.	Size mm
230.008	80
230.010	100
230.012	120
230.014	140
230.016	160
230.018	180
230.020	200
230.022	220
230.024	240
230.026	260



**HALF RINGS
CARBON FIBRE**

Code No.	Size mm
230.501	80
230.502	100
230.503	120
230.504	140
230.505	160
230.506	180
230.507	200
230.508	220
230.509	240



**EXTERNAL FIXATOR - ILIZAROV
5/8TH RING**

Code No.	Size mm
231.010	100
231.012	120
231.014	140
231.016	160
231.018	180
231.020	200
231.022	220
231.024	240
231.026	260



**EXTERNAL FIXATOR - ILIZAROV
FULL RING**

Code No.	Size mm
229.008	80
229.010	100
229.012	120
229.014	140
229.016	160
229.018	180
229.020	200
229.022	220
229.024	240



ITALIAN FEMORAL ARCHE

**ITALIAN FEMORAL
ARCHE 90°**

Code No.	Size mm
232.010	100
232.012	120
232.014	140
232.016	160
232.018	180
232.020	200
232.022	220
232.024	240
232.026	260

**ITALIAN FEMORAL
ARCHE 120°**

Code No.	Size mm
233.010	100
233.012	120
233.014	140
233.016	160
233.018	180
233.020	200
233.022	220
233.024	240
233.026	260

OMEGA RING

Code No.	Size mm
231.212	120
231.214	140
231.216	160
231.218	180
231.220	200



TELESCOPIC ROD

Code No.	Size mm
239.010	100
239.015	150
239.020	200
239.025	250
239.030	300



GRADUATED TELESCOPIC ROD

Code No.	Size mm
240.310	100
240.320	150



THREADED ROD

Code No.	Size mm
237.002	75
237.004	100
237.006	125
237.008	150
237.010	200
237.012	250
237.014	300
237.016	350
237.018	400
237.020	450



THREADED ROD SLOTTED

Code No.	Size mm
238.002	75
238.004	100
238.006	125
238.008	150



POST FEMALE

Code No.	No. of Holes
241.002	2
241.003	3
241.004	4



POST MALE

Code No.	No. of Holes
242.002	2
242.003	3
242.004	4



HINGE - FEMALE
Code No.: 243.010



HINGE - MALE
Code No.: 243.020



HINGE - 90°
Code No.: 243.030



SHORT CONNECTION PLATES

Code No.	No. of Holes
244.002	2
244.003	3
244.004	4
244.005	5
244.006	6
244.007	7
244.008	8
244.009	9
244.010	10



CONNECTION PLATES WITH THREADED ENDS

Code No.	No. of Holes
245.005	5
245.007	7
245.009	9
245.011	11



BUSHING
Code No.: 246.210



TWISTED PLATE

Code No.	No. of Holes
246.002	2
246.003	3
246.004	4



THREADED SOCKET

Code No.	Size mm
247.002	20
247.003	30
247.004	40
247.006	60



CURVED PLATE

Code No.	No. of Holes
246.103	3
246.104	4
246.105	5
246.106	6



ILIZAROV WIRE BAYONET POINT - 1.5MM X 400MM
Code No.: 248.010



OLIVE WIRE BAYONET POINT - 1.5MM X 400MM
Code No.: 248.018



□ ILIZAROV WIRE, NUTS, BOLTS & WASHERS, S.S.

Code No.	Description
234.000	Multi-pin Fixation Clamp
235.000	Single Pin Fixation Bolt
235.101	Single Pin Fixation Bolt With Washer - Deluxe
236.000	Oblique Support with Thread
236.010	Oblique Support without Thread
248.010	Ilizarov Wire 1.5mm x 400mm Bayonet Point
248.012	Ilizarov Wire 1.8mm x 400mm Bayonet Point
248.014	Ilizarov Wire 1.5mm x 400mm Trocar Point
248.016	Ilizarov Wire 1.8mm x 400mm Trocar Point
248.018	Olive Wire - 1.5mm x 400mm Bayonet Point
248.020	Olive Wire - 1.8mm x 400mm Bayonet Point
248.018a	Olive Wire - 1.5mm x 400mm Trocar Point
248.020a	Olive Wire - 1.8mm x 400mm Trocar Point
249.101	Wire Fixation Bolt - Cannulated
249.102	Wire Fixation Bolt - Slotted
249.103	Cannulated Bolt with Female Thread in Head
249.104	Wire Buckle
249.105	Conical Washer - Couple
249.106	Connection Bolt
249.107	Nut-10mm
249.108	Square Nut

Code No.	Description
249.109	Nylon Insert Nut
249.110	Flat Sided Washer
249.111	Slotted Washer
249.112	Spacing Washer
249.113	Repofix Device
249.114	Wrenchocube One Hole
249.115	Wrenchocube Two Hole
249.116	Wrenchocube Three Hole
249.117	Wrenchocube Four Hole
249.118	Hinge Joint
250.201	Spanner - 10mm
250.202	Angulated Wrench-10mm-Cannulated
250.202	Angulated Wrench-10mm-Slotted Bolt
250.203	Box Spanner - 10mm
251.305	Corticotome - 5mm
251.307	Corticotome - 7mm
251.310	Corticotome - 10mm
251.315	Corticotome - 15mm
252.401	Mechanical Wire Tensioner
252.402	Dynamometer
252.410	Washer Hanger



CORTICOTOME
Code No.: 251.305



WIRE BUCKLE
Code No.: 249.104



SINGLE PIN FIXATION BOLT
Code No.: 235.000



SINGLE PIN FIXATION BOLT WITH WASHER - DELUXE
Code No.: 235.101



WIRE FIXATION BOLT CANNULATED
Code No.: 249.101



WIRE FIXATION BOLT SLOTTED
Code No.: 249.102



CONNECTION BOLT
Code No.: 249.106



FLAT SIDED WASHER
Code No.: 249.110



NUT - 10MM
Code No.: 249.107



SQUARE NUT
Code No.: 249.108



SLOTTED WASHER
Code No.: 249.111



SPACING WASHER
Code No.: 249.112



OBLIQUE SUPPORT
Code No.: 236.000



WASHER HANGER
Code No.: 252.410



WRENCHOCUBE

Code No.	Description
249.114	Wrenchocube One Hole
249.115	Wrenchocube Two Hole
249.116	Wrenchocube Three Hole
249.117	Wrenchocube Four Hole



REPOFIX DEVICE
Code No.: 249.113



MUPLE PIN FIXATION CLAMP
Code No.: 234.000

LENGTHENING DEVICE, S.S. (Used with Tubular External Fixator)

- 255.002 Lengthening Device, 12" Long.
- 255.004 Lengthening Device, 14" Long.
- 255.006 Lengthening Device, 16" Long.

Remaining Items of Set:	Units
8mm Threaded Rod	1
Wheel Bolts	6
Wheel Bolt with Hex Nut	1
Tubular Rod 3"/4"	3
Tommy Bar	1

ILIZAROV SET - SMALL, S.S. Code No.: IS026

Set Consisting of:	Units
Half Rings : 80/100/120mm	6
Cannulated Bolts	15
Connection Bolts	10
Telescopic rod : 100mm	3
Nuts : 10mm	100
Threaded Rods : 100, 150, 200mm (6 each)	18
Short Connection Plate : 3 Holes, 4 Holes (4each) ...	8
Male Post	2
Female Post	2
Washers	10
Hinge - Male/Female	6
Sockets	4
K.Wire 1.5/1.8mm	10
Olive Wires 1.5/1.8mm	2
S.S.Box 450mm Long with Trays	1 set

ILIZAROV SET - MEDIUM, S.S. Code No.: IS027

Set Consisting of:	Units
Half Rings : 140/160/180mm	8
Cannulated Bolts	20
Connection Bolts	10
Telescopic Rods : 100, 150mm (3 each)	6
Threaded Rods : 100, 150, 200mm (6 each)	18
Nuts : 10mm	100
Short Connection Plates : 3 Holes, 4 Holes (4each)	8
Short Connection Plates : 5, 6, 7 Holes (2 each)	6
Male Post	2
Female Post	2
Washers	20
Hinge - Male/Female	6
Sockets	6
K.Wire 1.5/1.8mm	10
Olive Wires 1.5/1.8mm	2
S.S.Box with Trays	1 set

ILIZAROV SET - LARGE, S.S. Code No.: IS028

Set Consisting of:	Units
Half Ring : 200/220/240mm	8
5/8 Rings	2
Italian Arch	2
Cannulated Bolts	20
Connection Bolts	10
Telescopic Rods : 100, 150, 200mm (3 each)	9
Telescopic Rods : Graduated	3
Threaded Rods : 150, 200, 250mm (6 each)	18
Nuts	100
Short Connection Plates : 3 Holes, 4 Holes (4each)	8
Short Connection Plates : 5, 6, 7 Holes (2 each)	6
Male Post	2
Female Post	2
Hinge - Male/Female	6
Washers	20
Sockets	6
Shanz Pins	4
Shanz Pins Fixation bolts	4
Oblique Support	2
K.Wire 1.8mm	10
Olive Wires 1.8mm	5
S.S.Box with Trays	1 set

GENERAL INSTRUMENTS



Copyright © Narang Medical Limited. All rights reserved.



NARANG MEDICAL LIMITED

ISO:9001-2000, ISO:13485:2003, CE & WHO:GMP Compliance



**DRILL BIT - S.S.
QUICK COUPLING END**

Code No.	Dia. mm	Length mm
260.190	1.1	60
260.192	1.5	60
260.200	2.0	100
260.250	2.5	115
260.251	2.5	130
260.271	2.7	130
260.273	2.7	200
260.300	3.0	130
260.320	3.2	130
260.325	3.2	200
260.350	3.5	130
260.375	3.5	200
260.400	4.0	130
260.450	4.5	130
260.475	4.5	200
260.501	4.0 x 4.5	250
260.502	5.0	250



**DRILL BIT - S.S.
PLAIN SHANK / JACOB CHUCK END**

Code No.	Dia. mm	Length mm
261.620	2.0	100
261.625	2.5	115
261.626	2.5	130
261.627	2.7	130
261.628	2.7	200
261.630	3.0	130
261.632	3.2	130
261.633	3.2	200
261.635	3.5	130
261.636	3.5	200
261.640	4.0	130
261.645	4.5	130
261.646	4.5	200
261.650	5.0	250
261.660	6.0	250



CANNULATED REAMER (T-TYPE)
Code No.: 507.96



**BONE TAP
WITH T-HANDLE**

Code No.	Dia. mm	
263.010	1.5	Cortical
263.015	2.0	Cortical
263.020	2.7	Cortical
263.025	3.5	Cortical
263.030	3.5	Cancellous
263.038	4.0	Cancellous
263.040	4.5	Cortical
263.045	4.5	Cortical Extra Long
263.050	6.5	Cancellous Long



**BONE TAP
QUICK COUPLING END**

Code No.	Dia. mm	
264.020	2.7	Cortical
264.025	3.5	Cortical
264.030	3.5	Cancellous
264.038	4.0	Cancellous
264.040	4.5	Cortical
264.045	4.5	Cortical Extra Long
264.050	6.5	Cancellous Long

SELF CENTERING BONE HOLDING FORCEPS

Code No.	Length mm
340.010	150
340.020	190
340.030	240
340.040	260
340.050	280



**REDUCTION FORCEPS
SERRATED, SPEED LOCK**

Code No.	Length mm
341.025	140
341.030	170
341.040	200
341.050	240
341.055	280



**REDUCTION FORCEPS
SERRATED, RATCHET LOCK**

Code No.	Length mm
341.010	140
341.020	170
341.022	200



**REDUCTION FORCEPS
POINTED, SPEED LOCK**

Code No.	Length mm
342.035	140
342.040	170
342.050	200
342.060	240
342.065	280



**REDUCTION FORCEPS
POINTED, RATCHET LOCK**

Code No.	Length mm
342.010	140
342.020	170
342.030	200



**LANE BONE HOLDING
FORCEPS WITH RATCHET**

Code No.	Length mm
349.010	200
349.020	250
349.030	300



**LANE BONE HOLDING FORCEPS
WITHOUT RATCHET LOCK**

Code No.	Length mm
349.050	200
349.060	250
349.070	300

GENERAL INSTRUMENTS



PATELLA BONE HOLDING FORCEPS, THREE PRONG
Code No.: 343.010



PATELLA BONE HOLDING FORCEPS, FOUR PRONG
Code No.: 343.020



MODIFIED PATELLA BONE HOLDING FORCEPS THREE PRONG
Code No.: 343.022



MODIFIED PATELLA BONE HOLDING FORCEPS FOUR PRONG
Code No.: 343.024



BURN'S BONE HOLDING FORCEPS - HEAVY DUTY
Code No.: 350.000



BONE AND PLATE HOLDING FORCEPS
Code No.: 348.010



LOWMAN BONE CLAMP
STAINLESS STEEL

Code No.	Description
352.010	for Fingers (Mini)
352.020	for Forearms (Extra Small)
352.030	for Humurus (Small)
352.040	for Tibia (Medium)
352.050	for Femur (Large)

PELVIC REDUCTION FORCEPS, S.S.

- 344.010 Pelvic Reduction Forceps, Oblique, Small, Length-190mm, with Pointed Ball Tips, Speed Lock
- 344.020 Pelvic Reduction Forceps, Oblique, Small, Length-240mm, with Pointed Ball Tips, Speed Lock
- 344.030 Pelvic Reduction Forceps, Length-400mm, with Pointed ball Tips, Speed Lock
- 344.040 Pelvic Reduction Forceps, Small, for Screws Length-200mm, use with 3.5 and 4.5mm Cortical Screws
- 344.050 Pelvic Reduction Forceps, Medium, for Screws Length-250mm, use with 3.5 and 4.5mm Cortical Screws
- 344.060 Pelvic Reduction Forceps, Large, for Screws Length-330mm, Speed Lock, Fixation with Two 4.5mm Cortical Screws
- 344.070 Pelvic Reduction Forceps, with Angled Pointed Ball Tips Length-250mm, Speed Lock
- 344.080 Pelvic Reduction Forceps, Long, with Pointed Ball Tips Length-400mm, Speed Lock
- 344.090 Pelvic Reduction Forceps, Long, with Three Pointed Ball Tips Length-400mm, Speed Lock

FIBULAR FORCEPS, S.S.

- 345.010 210mm - Straight
- 345.020 210mm - Curved

HOLDING FORCEPS FOR TIBIAL EDGE FRAGMENT, S.S.

- 346.000 210mm

DOYEN'S RIB SHEARER, S.S.

- 351.000



MALLEOLAR FORCEPS
WITH 2 POINTS WHICH MEET AT 15° ANGLE 210MM
Code No.: 347.000



**BONE CUTTING FORCEPS (DOUBLE ACTION)
STRAIGHT**

Code No.	Length mm
353.010	190
353.020	225
353.030	270



**BONE CUTTING FORCEPS (DOUBLE ACTION)
CURVED**

Code No.	Length mm
354.010	190
354.020	225
354.030	270



**TUDOR EDWARD
BONE CUTTING FORCEPS**
Code No.: 358.000



**BONE NIBBLER (DOUBLE ACTION)
STRAIGHT**

Code No.	Length mm
355.010	190
355.020	225
355.030	270



**BONE NIBBLER (DOUBLE ACTION)
CURVED**

Code No.	Length mm
356.010	190
356.020	225
356.030	270



**BONE NIBBLER (DOUBLE ACTION)
ANGULAR**

Code No.	Length mm
357.010	190
357.020	225
357.030	270

GENERAL INSTRUMENTS



**BONE FILE, S.S.
WITH FIBRE HANDLE
FLAT**

Code No.	Size mm
361.020	100
361.030	150

Code No.	Description
361.010	Bone File, Half Round, Pointed



**CHISELS, S.S.
WITH FIBRE HANDLE**

Code No.	Size mm
362.005	5
362.010	10
362.015	15
362.020	20
362.025	25
362.030	30



**OSTEOTOMES, S.S.
WITH FIBRE HANDLE
STRAIGHT**

Code No.	Size mm
363.005	5
363.010	10
363.015	15
363.020	20
363.025	25
363.030	30



**OSTEOTOMES, S.S.
WITH FIBRE HANDLE
CURVED**

Code No.	Size mm
364.005	5
364.010	10
364.015	15
364.020	20
364.025	25
364.030	30



**GOUGE, S.S.
WITH FIBRE HANDLE
STRAIGHT**

Code No.	Size mm
365.005	5
365.010	10
365.015	15
365.020	20
365.025	25
365.030	30



**GOUGE, S.S.
WITH FIBRE HANDLE
CURVED**

Code No.	Size mm
366.005	5
366.010	10
366.015	15
366.020	20
366.025	25
366.030	30



FINGER SAW
Code No.: 360.000



AMPUTATION SAW
Code No.: 359.000



**BONE CURRETTE
DOUBLE ENDED**
Code No.: 367.010



**BONE CURRETTE
WITH FIBRE HANDLE**
Code No.: 367.020



BONE HAMMER - NYLON FACED
Code No.: 368.050



BONE HAMMER - S.S.

Code No.	Weight gms
368.010	200
368.020	350
368.030	500
368.040	700



BONE HOOK

Code No.	Size
369.010	Small
369.020	Medium
369.030	Large



SHARP HOOK
Code No.: 371.000

BONE HOLDING FORCEPS SET, S.S.
Code No.: IS023

	<i>Set Consisting of:</i>	Units
340.030	Self Centering Bone Holding Forceps - 240mm	1
340.040	Self Centering Bone Holding Forceps - 260mm	2
340.050	Self Centering Bone Holding Forceps - 280mm	2
341.030	Reduction Forceps Serrtaed Jaw Speed Lock-170mm.	1
341.050	Reduction Forceps Serrtaed Jaw Speed Lock-240mm.f1	1
342.040	Reduction Forceps Pointed Speed Lock - 170mm	1
342.050	Reduction Forceps Pointed Speed Lock - 200mm	2
400.015	S.S.Box with Trays 450mm Long	1set

GENERAL INSTRUMENTS SET, S.S.
Code No.: IS024

	<i>Set Consisting of:</i>	Units
369.010	Bone Hook - Small	1
369.020	Bone Hook - Medium	1
379.025	Hohmann Retractor 8mm Short Narrow Tip, Length 220mm	2
379.030	Hohmann Retractor 18mm Short Narrow Tip, Length 235mm	2
379.045	Hohmann Retractor 24mm Long and Wide Tip, Length 270mm	1
381.012	Periosteal Elevator Straight with Fibre Handle - 12mm	2
368.030	Hammer 500gm	1
368.050	Hammer Nylon Faced	1
366.015	Bone Gauge Curved with Fibre Handle, 15mm	1
400.015	S.S.Box with Trays 450mm Long	1set



SKIN HOOK - 1 PRONG
Code No.: 370.010



SKIN HOOK - 2 PRONG
Code No.: 370.020



SKIN HOOK - 3 PRONG
Code No.: 370.030



LANE'S BONE LEVER SERRATED
Code No.: 372.010

GENERAL INSTRUMENTS



**LANE'S BONE LEVER, PLAIN, SMALL
STAINLESS STEEL**
Code No.: 372.020



**LANE'S BONE LEVER, PLAIN, LARGE
STAINLESS STEEL**
Code No.: 372.030



**BRISTOW'S RETRACTOR
STAINLESS STEEL**
Code No.: 373.000



**LAGENBACK RETRACTOR
STAINLESS STEEL**

Code No.	Size
374.010	Small
374.015	Medium
374.020	Large

**BONE SPREADER
STAINLESS STEEL**

Code No.	Length mm
383.014	140
383.021	210
383.027	270



**HOHMANN RETRACTOR
240MM**



**HOHMANN RETRACTOR WIDE TIP
240MM**



**HOHMANN RETRACTOR
160MM**

Code No.	Description
379.010	Hohmann Retractor 6mm Wide, Short Narrow Point, Length 160mm
379.015	Hohmann Retractor 8mm Wide, Short Narrow Point, Length 160mm
379.020	Hohmann Retractor 15mm Wide, Length 160mm
379.025	Hohmann Retractor 8mm Wide, Short Narrow Tip, Length 240mm
379.030	Hohmann Retractor 18mm Wide, Short Narrow Tip, Length 240mm
379.035	Hohmann Retractor 18mm Wide, Long Narrow Tip, Length 240mm
379.040	Hohmann Retractor 22mm Wide, with Wide Tip, Length 240mm
379.045	Hohmann Retractor 24mm Wide, with Long wide Tip, Length 240mm
379.050	Hohmann Retractor 43mm Wide, Narrow Tip, Length 240mm
379.055	Hohmann Retractor 70mm Wide, Narrow Tip, Length 240mm



VOLKMAN'S RETRACTOR

Code No.	No. of Prong
375.010	2
375.020	3
375.030	4
375.040	5



RIGHT ANGLE RETRACTOR
Code No.: 376.000



**PERIOSTEAL ELEVATOR - STRAIGHT
STAINLESS STEEL**

Code No.	Length mm
381.106	6
381.108	8
381.110	10
381.112	12
381.114	14
381.116	16



**PERIOSTEAL ELEVATOR - CURVED
STAINLESS STEEL**

Code No.	Length mm
382.106	6
382.108	8
382.110	10
382.112	12
382.114	14
382.116	16



**PERIOSTEAL ELEVATORS- STRAIGHT
WITH FIBRE HANDLE**

Code No.	Length mm
381.006	6
381.008	8
381.010	10
381.012	12
381.014	14
381.016	16



**PERIOSTEAL ELEVATORS - CURVED
WITH FIBRE HANDLE**

Code No.	Length mm
382.006	6
382.008	8
382.010	10
382.012	12
382.014	14
382.016	16



SELF RETAINING RETRACTOR

Code No.	Size
380.010	Small
380.020	Medium
380.030	Large
380.040	Extra Large



DOUBLE HOOK RETRACTOR
Code No.: 377.000



SKIN RETRACTOR
Code No.: 377.050



PLASTER SAW - HEAVY HANDLE
Code No.: 388.005



PLASTER SAW - ENGEL
Code No.: 388.010



PLASTER SAW - BERGMAN
Code No.: 388.015



PLASTER SPREADER
Code No.: 388.020



PLASTER SHEAR - BOHLER'S
Code No.: 388.025



PLASTER SHEAR - STILLE'S
Code No.: 388.030



PLASTER BENDER
Code No.: 388.045



BANDAGE CUTTING SCISSOR
Code No.: 388.040



ELECTRIC PLASTER CUTTING SAW

Code No.	Description
399.005	Electric Plaster Cutting Saw with Two Blades
399.006	Spare Blade - Small
399.007	Spare Blade - Large

Code No.	Description
388.050	Plaster Opener - Daw's
388.035	Plaster Shear - Gay's



INSTRUMENTS FOR KNEE SURGERY, S.S.

Code No.	Description
393.005	Blount Knee Retractor
393.010	Martin's Cartilage Clamp
393.015	Maniscus Forceps
393.020	Smillie's Knee Joint Retractor (Set of Six)
393.025	Smillie's Maniscus Knives (Set of Three)
393.030	Charnley's Compression Clamp
393.040	Mullar Compression Clamp

INSTRUMENTS FOR SKULL SURGERY, S.S.

Code No.	Description
394.005	Gigli Saw Wire - Ordinary
394.010	Gigli Saw Wire - Fine (Imported)
394.015	Gigli Saw Handle (In Pair)
394.020	Gigli Saw Introducer
394.025	Crutch Field Tong with 2 Burrs-Small
394.030	Crutch Field Tong with Two Burrs - Medium
394.035	Crutch Field Tong with Two Burrs-Large
394.040	Spare Burrs for Crutch Field Tong
394.045	Gardener - Wells Traction Tongs



SMILIE'S KNEE JOINT RETRACTOR (SET OF SIX)
Code No.: 393.020



SMILIE'S MANISCUS KNIVES (SET OF THREE)
Code No.: 393.025



MULLAR COMPRESSION CLAMP
Code No.: 393.040



GIGLI SAW HANDLE (IN PAIR)
Code No.: 394.015



CHARNLEY'S COMPRESSION CLAMP
Code No.: 393.030



CRUTCH FIELD TONG WITH TWO BURRS - MEDIUM
Code No.: 394.030



GIGLI SAW WIRE - ORDINARY
Code No.: 394.005



GIGLI SAW WIRE - FINE
Code No.: 394.010

SKIN GRAFTING KNIFE

Code No.	Description
395.005	Skin Grafting Knife, Small
395.010	Skin Grafting Knife, Large
395.015	Skin Grafting Knife, Large - Left Handed
395.020	Skin Grafting Knife, Excel
395.022	Skin Grafting Blade (Suitable for 395.010, 395.015 & 395.020)



SKIN GRAFTING KNIFE, SMALL
(To be used with Ordinary Saving Blade)
Code No.: 395.005



SKIN GRAFTING KNIFE, LARGE
Code No.: 395.010



SKIN GRAFTING KNIFE, EXCEL
Code No.: 395.020

DISTRACTOR

Code No.	Description
396.015	Distractor for Femur - Large
396.016	Distractor for Tibia & Femur - Extra Large
396.020	Spinal Distractor



DISTRACTOR FOR TIBIA & FEMUR - LARGE
Code No.: 396.015



DISTRACTOR FOR TIBIA & FEMUR - EXTRA LARGE
Code No.: 396.016

ESMARCH RUBBER BANDAGE

Code No.	Description
397.005	Esmarch Rubber Bandage -75mm
397.010	Esmarch Rubber Bandage - 100mm
397.015	Esmarch Rubber Bandage- 150mm

PNEUMATIC TOURNIQUET SET

Code No.	Description
398.000	Pneumatic Tourniquet alongwith Handpump & 3 Cuffs
399.030	Pneumatic Tourniquet, Electronic - Fully Automatic



**PNEUMATIC TOURNIQUET
ALONGWITH HANDPUMP & 3 CUFFS**
Code No.: 398.000



**PAEDIATRIC TIBIAL & FEMUR
REDUCTION DEVICE (F-TOOL SMALL)**
Code No.: 398.010



**TIBIAL & FEMUR REDUCTION DEVICE
(F-TOOL LARGE)**
Code No.: 398.020



**STERILIZATION TUBES
(SUITABLE FOR PINS, K. WIRES & DRILL BITS)**
Code No.: 401.004



**STERILIZATION TUBES
(SUITABLE FOR ILIZAROV WIRES)**
Code No.: 401.008

STERILIZATION TUBES

Code No.	Size mm
401.002	150
401.004	225
401.006	300
401.008	400
401.010	500

Profile:
Stainless Steel Tubes for
Sterilization of K. Wires, Nails,
Pins & Drill Bits

Code No.	Description
320.010	Universal Bone Drill with S.S.Gears
320.020	Micro Hand Drill with S.S. Gears
320.030	Universal Open Hand Drill with S.S. Gears
320.040	Micro Open Hand Drill- with S.S. Gears
399.010	Electric Bone Drill with Foot Control
311.033	Mini Hand Drill



S.S.CONTAINERS

Code No.	Description
400.005	S.S. Container with Two Trays for Instruments, 300mm long
400.010	S.S. Container for 3.5 & 4mm Screws with Two Instruments Trays
400.015	S.S. Container with Two Instruments Trays for K. Nail Instruments & Tubular Fixator - 450mm Long.
400.020	Screws Container for 4.5 & 6.5mm Screws
400.025	Screw Container for 3.5 & 4.0mm Screws
400.026	S.S. Container for 3.5 & 4.0mm Screws, Large with One Instrument Tray
400.030	Screws Container for 4.9mm Interlocking Bolts
400.035	Screws Container - Combined for 3.5mm, 4.0mm, 4.5mm & 6.5mm Screws
400.036	S.S. Container for One 3.5 & 4mm Screw Tray with Four Instrument Trays
400.040	S.S. Container for Modified Interlocking Instrument Sets
400.050	S.S.Container 500mm long.



S.S. Container for 3.5 & 4mm Screws with Two Instruments Trays
Code No.: 400.010



Screw Container for 3.5 & 4.0mm Screws
Code No.: 400.025



S.S. Container for 3.5 & 4.0mm Screws, Large with One Instrument Tray
Code No.: 400.026



S.S. Container for One 3.5 & 4mm Screw Tray with Four Instrument Trays
Code No.: 400.036



S.S. Container for Modified Interlocking Instrument Sets
Code No.: 400.040



Screws Container for 4.5 & 6.5mm Screws
Code No.: 400.020



S.S. Container with Two Trays for Instruments, 300mm long
Code No.: 400.005

DRILL & SAW SYSTEM

DRILL & SAW SYSTEM (Electrically Operated - 220V, 50 Hz)

Code No.	Description
ODS01	Driving Unit includes Motor Stand, Foot Control, Flexible Shaft, Tool Kit, Oil Bottle & Special Container. Specifications: <ul style="list-style-type: none"> - NET Driving Unit is having a Motor 220V / 5 amp AC with Mobile Stand made up of Stainless Steel tubes with castors. - NET Driving Unit includes Motor, Stand, Foot Control, Flexible Shaft. - Requires to run all NET power tools. - NET Flexible Shaft is Autoclavable. It can withstand to superheated steam temperatures.
ODS03	Cannulated Drilling Handpiece (1200 RPM)
ODS07	Sagittal Saw Handpiece (With Set of 5 Blades)
ODS11	Reaming Handpiece Cannulated, Quick Coupling
Optional Instruments:	
507.038	Flexible Reaming Shaft with Fixed Reamer, Dia. 8mm
ODS33	Flexible Reamer Shaft only (For Reamer Head upto 12mm.)
ODS35	Flexible Reamer Shaft only (For Reamer Head above 12mm.)
ODS37	Reamer Head, 8.5mm to 12mm, Set of 8
ODS39	Reamer Head, 12.5mm to 15mm, Set of 6
ODS41	Synthes Adpater, Stainless Steel.
ODS43	Trinkle Fit Adapter, Stainless Steel
ODS45	Hudson Adapter, Stainless Steel
ODS47	Drill Chuck Adapter, Stainless Steel
ODS49	Flexible Shaft for Driving Unit (Extra)
ODS51	Spare Set of Blades
ODS52	Transverse Saw (with Set of 5 Blades)
ODS60	Spare Oil Bottle, 30 ml.



Code No.: ODS01



Code No.: ODS41



Code No.: ODS03



Code No.: ODS07



Code No.: ODS43



Code No.: ODS45



Code No.: ODS11



Code No.: ODS47



Code No.: ODS49



Code No.: ODS51



Code No.: ODS52



Code No.: ODS60

INDEX

in order of Article Names

Symbols

1.5mm Cortical Screws, Mini	62
1.5mm Screws (Slotted Head)	54
1.8mm Screws (Slotted Head)	54
1/2 Ring External Fixator - Ilizarov	128
130° Angled Blade Plates	96
2.0mm Cortical Screws, Mini	62
2.0mm DCP Plates	62
2.0mm Screws (Slotted Head)	54
2.3mm Screws (Slotted Head)	54
2.5mm Screws (Slotted Head)	54
2.5mm Standard Hex Shaft	121
2.7mm Cortical Screws	66
2.7mm Cortical Screws (Self Tapping)	66
2.7mm DCP Plates	68
2.7mm L Plate	69
2.7mm Quarter Tubular Plate	68
2.7mm Reconstruction Plate	69
2.7mm Screws (Slotted Head)	54
2.7mm Self Tapping Cortical Screws	66
2.7mm T-Plate	69
2mm Plate, 150°, Left	56
2mm Plate, 150°, Right	56
3.4mm Locking Bolts	39
3.5mm Cancellous Screws	67
3.5mm Cortical Screws	66
3.5mm Cortical Screws (Self Tapping)	66
3.5mm DCP Plates	70
3.5mm Hook Plate	70
3.5mm LC-DCP Plate	70
3.5mm Malleolar Screw	68
3.5mm Reconstruction Plates Straight	71
3.5mm Reconstruction Plates Curved	71
3.5mm Self Tapping Cortical Screws	66
3.5mm Shaft Screw for LC-DCP	68
3.5mm Straight Pelvic Reconstruction Plates	71
3.5mm Curved Pelvic Reconstruction Plates	71
4.0 mm Cancellous Screws	67
4.0mm Cancellous Cannulated Instruments Set	94
4.0mm Cannulated Cancellous Screws	92
4.0mm Cortical Cannulated Instrument Set	94
4.5 mm Reconstruction Plates	82
4.5mm Cortical Cannulated Screw	90
4.5mm Broad DCP Plates	79
4.5mm Cannulated Cancellous Screws	92
4.5mm Cortical Cannulated Screws Instruments	91
4.5mm Cortical Cannulated Instruments Set	91, 94
4.5mm Hook Plate	80
4.5mm Locking Bolts	18, 26, 31
4.5mm Malleolar Screws	78
4.5mm Narrow DCP Plates	78
4.5mm Shaft Screws	76
4.9mm Locking Bolts	9
5/8Th Ring External Fixator - Ilizarov	128
6mm Locking Bolts, Cannulated	31
6mm Locking Bolts, Non-Cannulated	26
6.2mm Locking Bolts	18
6.5mm Cancellous Bone Screws, 16mm Thread	77
6.5mm Cancellous Bone Screws, 32mm Thread	77
6.5mm Cancellous Bone Screws, Full Thread	77
6.5mm Cancellous Traction Screws	78
7.0mm Cannulated Screws	88
7.0mm Large Cannulated Cancellous Instrument Set	94
7.0mm Cannulated Screws - Instruments	89
8mm Locking Bolts, Cannulated	31
90° Awl	121
95° DCS Plates DCP Holes	99

A

Acetabular Cup	109
Acetabular Currette	110
ACL Screws	114
Amputation Saw	138
Angled Blade Plate - Instruments	97
Angled Blade Plate Instrument Set	97
Angled Blade Plates	96
Angulated Wrench-10mm-Cannulated	131
Angulated Wrench-10mm-Slotted Bolt	131
Arch Bar-30cm	58
Asch Septum Forceps	58
Austin Moore - Extra Long Stem	106
Austin Moore - Broad	105
Austin Moore - Narrow	105
Austin Moore - Standard	105
Austin Moore - Step Ball	104
Austin Moore Hip Prosthesis	104, 105, 106
Austin Moore Pins	50
Austin Moore Rasp	107
Austin Moore Step Ball	104
Awty Osteotomy Retractor	58

B

Bandage Cutting Scissor	142
Basic Instrument Set	86
Beckmann Adson Retractor	118
Bend K. Nails	44
Bend Kuntscher Cloverleaf Nail	44
Bender for Hart Shells (Pair)	116
Biopolar Rasp	107
Bipolar	106
Bipolar Hip Prosthesis	106
Blount Knee Retractor	143
Blunt Hohmann Retractor	112
Bone And Plate Holding Forceps	136
Bone Awl	9, 11, 19, 37, 51
Bone Awl with Eye	52
Bone Currette with Fibre Handle	118
Bone Currette Double Ended	139
Bone Currette with Fibre Handle	139
Bone Cutter Or Nibbler 5 Or 7 Inches	58
Bone Cutting Forceps (Double Action) Curved	137
Bone Cutting Forceps (Double Action) Straight	137
Bone Drills	146
Bone Drills - Manual & Electric	146
Bone Elevator-6mm	58
Bone Elevator-8mm	58
Bone File	138
Bone File, Half Round, Pointed	138
Bone Hammer	139
Bone Hammer - Nylon Faced	139
Bone Holding Forceps Set	139
Bone Hook	139
Bone Nibbler (Double Action) Angular	137
Bone Nibbler (Double Action) Curved	137
Bone Nibbler (Double Action) Straight	137
Bone Plates - Small Fragments	68, 69, 70, 71
Bone Plates - Large Fragment	78, 79, 80, 81, 82
Bone Plates - Mini	62
Bone Plates Broad DCP	79
Bone Plates Broad LC-DCP	79
Bone Plates Narrow DCP	78
Bone Plates Narrow LC-DCP	78
Bone Plug	110, 112
Bone Screws	66, 67, 76, 77, 78
Bone Screws - Large Fragment	76, 77
Bone Screws - Mini	62
Bone Screws - Small	66, 67
Bone Screws Large	76, 77
Bone Spreader	140
Bone Tap Quick Coupling End	72, 83, 134
Bone Tap with T-Handle	72, 83, 134
Box Spanner - 10mm	131
Box Spanner - 11mm	125
Bristow'S Retractor	140
Broad DCP Plates	79
Broad DCP Plates 4.5mm	79
Broad LC-DCP Plate	79
Burn'S Bone Holding Forceps - Heavy Duty	136
Bushing	130

C

C-Washer Holding Forceps	116
Cage	121
Cage Holder	121
Cage Pusher	121
Calcaneal Plate	71
Cancellous Bone Screws	77
Cancellous Bone Screws 6.5mm	77
Cancellous Bone Screws, 16mm Thread	77
Cancellous Bone Screws, 32mm Thread	77
Cancellous Bone Screws, Fully Threaded	77
Cancellous Front Threaded Pin	127
Cancellous Front Threaded Pin 6.5mm Dia.	127
Cancellous Screws 3.5mm	67
Cancellous Screws 4.0 mm	67
Cancellous Traction Screws	78
Cannulated Bolt with Female Thread In Head	131
Cannulated Bone Awl	41
Cannulated Counter Sink Quick Coupling (6mm Head)	93, 94
Cannulated Counter Sink Quick Coupling (8mm Head)	91, 94
Cannulated Drill Bit	91
Cannulated Drill Bit 2.7mm / 1.35mm	93, 94
Cannulated Drill Bit 4.5mm	89, 94
Cannulated Drill Bit Quick Coupling 3.2mm, Length	91
Cannulated Drill Bit Quick Coupling 3.5 / 1.35mm	93, 94
Cannulated Drill Bit Quick Coupling 4.5mm, Length	91
Cannulated Extractor - Impactor Set	10, 11
Cannulated Hexagonal Screw Driver	94
Cannulated Hexagonal Screw Driver 2.5mm Tip	93, 94
Cannulated Hexagonal Screw Driver, 3.5mm Tip	89, 91

Cannulated Hexagonal Screw Driver Extra Large - 3.5mm Tip	33, 34
Cannulated Humeral Nails	39
Cannulated Locking Bolt, Dia 6mm	31
Cannulated Locking Bolt, Dia 8mm	31
Cannulated Reamer (T - Type)	36, 37, 44, 134
Cannulated Screws	88, 90, 92
Cannulated Socket Wrench - 11mm	11
Cannulated Step Drill Bit	32
Cannulated Step Drill Bit for 6mm Cannulated Locking Bolts	32, 34
Cannulated Step Drill Bit for 8mm Cannulated Locking Bolts	32, 34
Cannulated Tap	94
Cannulated Tap 4.0mm Quick Coupling	93, 94
Cannulated Tap 4.5mm Quick Coupling	91
Cannulated Tap 7.0mm	89
Cannulated Cancellous Screws	88, 92
Capners/Cobb Spinal Gouge	116
Centering Sleeve for DHS Tap	101, 102
Centralizer	110
Centrally Threaded Steinmen Pin	49
Cerclage Wire	50
Charley Retractor with Weight & Chain	110, 112
Charley Total Hip Broach	113
Charley Trial Neck	113
Charley'S Compression Clamp	143
Chisel Guide	97
Chisels - Mini	64
Chisels, S.S with Fibre Handle	138
Circlage Wire	50
Circlage Wire Tightner	51, 52
Clip Washer	116
Closed Rod Pusher	121
Cloverleaf Plates	71
Cobra Head Plate	81
Cobs Elevator	119
Compact Hook Holder	118
Compression Device	41
Compression Distraction Device	124, 126
Compression Screw	99
Compressor	121, 122
Condylar Buttress Plates	81
Condylar Buttress Plates LC-DCP	81
Condylar Plate Guide	97
Conical Bolt with Two Nuts	10, 11
Conical Washer - Couple	131
Connecting Clamp	124
Connecting Rod - 4.0mm Dia.	124
Connecting Rod 5.0mm	125, 126
Connection Bolt	131
Connection Plates	130
Connector Transverse	120
Containers	147
Continuous Hole Plate	54
Conventary Staples Instruments	49
Cortical Cannulated Instrument Set	93
Cortical Cannulated Screw 4.5mm	90
Cortical Screws 4.5mm	76
Cortical Screws 1.5mm, Mini	62
Cortical Screws 2.0mm, Mini	62
Cortical Screws 2.7mm	66
Cortical Screws 2.7mm Self Tapping	66
Cortical Screws 3.5mm	66
Cortical Screws 3.5mm Self Tapping	66
Corticotome - 10mm	131
Corticotome - 15mm	131
Corticotome - 5mm	131
Corticotome - 7mm	131
Counter Sink 3.5mm	74
Counter Sink for 3.5, 4.0mm Screws	72
Counter Sink for 4.5 & 6.5mm Screws(8.0mm Head)	83
Counter Sink for 8mm Head	86
Counter Sink Quick Coupling for 4.5 & 6.5mm Screws	83
Counter Sink, Quick Coupling for 3.5, 4.0mm Screws	72
Coupling Block for Extraction	41
Coupling Screw for Inserting DHS Screw	101, 102
Conventary Staples	49
Crutch Field Tong with 2 Burrs	143
Cryer Elevator	58
Cup for Charley Hip System	113
Curved 3.5mm Reconstruction Plates	71
Curved Driving Piece with Head	10, 11
Curved Plate	130

D

DCP Drill Guide 4.5mm	86
DCP Plates - 2.0mm	62
DCP Plates - 2.7mm	68
DCP Plates - 3.5mm	70
DCS Angle Guide	102
DCS Plates - 95°	99
DCS Triple Reamer	102
Dental Elevator Left And Right	59

INDEX

in order of Article Names

Depth Gauge	34, 41, 57
Depth Gauge - Mini	62
Depth Gauge, Extra Large	37
Depth Gauge Small	74
Depth Gauge (Extra Large)	11, 19, 28, 32, 37
Desmarres Retractor	57
DHS / DCS Compression Screw	99
DHS / DCS Plates	100
DHS / DCS Plates - Instruments	101
DHS / DCS Screws	99
DHS Angle Guides	101, 102
DHS Barrel Plates	100
DHS Barrel Plates- Variable Angle	114
DHS Impactor	101, 102
DHS Plate Variable Angle	114
DHS Plates	100
DHS Short Barrel Plates	100
DHS Tap	101, 102
DHS Triple Reamer	102
DHS Triple Reamer for Short Barrel	102
DHS Triple Reamer	100
DHS-DCS Implant Set	102
DHS/DCS Plates - Instruments	101, 102
Diamond Pointed Bone Awl for Femoral	19, 21, 27, 28, 32, 34
Diamond Pointed Bone Awl for Tibia	19, 21, 27, 28
Direct Measuring Device	89, 91, 93, 94, 102
Disc Forceps	118, 119
Dissector McDowell'S	119
Distal Tibial Plate	80
Distractor - Angled	120
Distractor for Tibia & Femur - Extra Large	144
Distractor for Tibia & Femur - Large	144
Double Drill Sleeve 2.7 / 1.25mm	93, 94
Double Drill Sleeve 3.2 / 1.6mm	91, 94
Double Drill Sleeve 4.5 / 3.2mm	91, 94
Double Hook Retractor	141
Double Pin Clamp	125
Double Pin Clamp (Deluxe)	125
Double Pin Clamp with Extension Plate	125
Double Sleeve 2.5mm / 4.0mm Dia.	125
Double Y Plate, 6 Holes	55
Doyen Mouth Gag	59
Doyen'S Rib Shearer	136
Drill & Saw System	148
Drill & Tap Sleeve 2.5 / 3.5mm	93, 94
Drill & Tap Sleeve Combined 2.5/3.5mm	73
Drill & Tap Sleeve Combined 3.2/4.5mm	85
Drill & Tap Sleeve Combined 3.2/6.5mm	85
Drill & Tap Sleeve Combined 3.5/2.5mm	74
Drill & Tap Sleeve Combined 4.5/3.2mm	86
Drill & Tap Sleeve Combined 6.5/3.2mm	86
Drill Bit (Quick Coupling), 3.2mm X 130mm	86
Drill Bit (Quick Coupling), 4.5mm X 130mm	86
Drill Bit, 2.7mm X 200mm	41
Drill Bit - Plain Shank / Jacob Chuck End	72
Drill Bit - S.S. - Quick Coupling End	72, 83
Drill Bit - S.S.Quick Coupling End	134
Drill Bit 2.0mm	97
Drill Bit 2.5mm Dia	74
Drill Bit 3.2mm Dia (Quick Coupling), Length 200mm	10
Drill Bit 3.2mm Dia X 200mm, Extra Long	37
Drill Bit 3.2mm Dia. X 200mm, Extra Long	36
Drill Bit 3.5mm Dia	74
Drill Bit 4.0 X 4.5mm Dia (Quick Coupling), Length	10
Drill Bit 4.0 X 4.5mm Dia. X 250mm	36
Drill Bit 4.0mm X 4.5mm X 300mm	37
Drill Bits, Dia 3.5mm X 250mm, Straight Shank, with Trocar End	21, 27, 29
Drill Bits, Dia 5.0mm X 250mm, Straight Shank, with Trocar End	21, 27, 29
Drill Guide with Stop	93, 94
Drill Guide with Stop with Two Inserts 3.5mm / 2.7mm	94
Drill Hand Piece Cannulated with S.S. Chuck	148
Drill Sleeve - Mini	63
Drill Sleeve 2.5mm	73
Drill Sleeve 3.2mm	84
Drill Sleeve 3.2mm (Id.), 8mm (Od.)	11, 37
Drill Sleeve 3.5mm	84
Drill Sleeve 4.5mm	85
Drill Sleeve, 4.5mm(Id), 8.0mm(Od)	11, 37
Drill Sleeve for Humeral Nails	41
Drill Sleeve for IMSC Nails	37
Drills - Manual & Electric	146
Driver Handle	99
Driving Unit Including Motor, Stand, Foot control, Flexible Shaft, Oil Bottle, & Safety Switch	148
Drummer Wire	50
Durer Elevator	118
Dynamometer	131

E

Electric Bone Drill with Foot Control	147
Electric Plaster Cutting Saw	142
End Cap for Intramedullary Supra Condylar Nail (IMSC Nails)	35
End Cap for Modified Femoral Nails	18
End Cap for Modified Tibial Nails	18
End Cap for PFN & Recon Nails	31
End Cap for XL Femoral Nails	26
End Cap for XL Tibial Nails	26
End Caps for Humeral Nail	39
End Caps for Universal Nails	9
Ender Nail Bender (Pair)	42
Ender Nail Extractor	42
Ender Nail Impactor	42
Ender Nails- Instruments	42
Enders Nails	42
Esmarch Rubber Bandage	144
External Fixator	124
External Fixator - Ilizarov1/2 Ring	128
External Fixator - Ilizarov5/8Th Ring	128
External Fixator - Ilizarovfull Ring	128
External Fixator for Forearm & Metacarpals	124
External Fixator Tubular	125, 126
External Fixators Ilizarov	128, 130
Extra Large Hexagonal Screw Driver (T-Type) for 6.2mm Locking Bolts	20, 21, 27, 28
Extra Large Hexagonal Screw Driver - 3.5mm Tip	10, 11, 20, 21, 27, 29, 33, 34, 36, 37
Extractor - Impactor	21, 27, 34
Extractor - Impactor for Humeral Nails	41
Extractor Set for A.M. Prosthesis with 2 Hooks	108
Extractor - Impactor	19, 28, 37
Extractor - Impactor for PFN & Recon Nails	34
Extractor - Impactor for XL Nails	27
Extractor - Impactor for IMSC Nails	37
Extractor - Impactor for Humeral Nails	41

F

F-Tool Large	145
F-Tool Small	145
F-Tools	145
Femoral Drill Sleeve 5mm (Id.), 9mm (Od.)	20, 27
Femoral Nail (Left) - Unreamed	17
Femoral Nail (Right) - Unreamed	17
Femoral Nail (Slotted)	8
Femoral Nail Universal (XL) - Unreamed	26
Femoral Nails	7
Femoral Nails (XL) - Universal	24
Femoral Nails for Left Leg	14
Femoral Nails for Right Leg	14
Femoral Neck Cutting Guide	111
Femoral Protection Sleeve, 9.0mm(Id), 10mm(Od)	20, 21
Femoral Protection Sleeve for XL Femoral Nails	29
Ferguson Mouth Gag	60
Ferguson Bone Forceps	58
Fibular Forceps	136
Finger Saw	138
Flat Nose Plier	51
Flat Prob	121, 122
Flat Sided Washer	131
Flexible Reaming Shaft	10, 11, 19, 21, 32, 34
Flexible Reaming Shaft with Fixed Reamer, Dia. 8mm	10, 21, 34
Freehand Aiming Device for Distal Locking	11, 19, 21, 27, 28
French Rod Bender	121
Front Threaded Pins	127
Full Ring External Fixator - Ilizarov	128

G

Gardener - Wells Traction Tongs	143
General Instruments	134 To 148
General Instruments Set	139
Gigli Saw Handle (In Pair)	143
Gigli Saw Introducer	143
Gigli Saw Wire - Fine (Imported)	143
Gigli Saw Wire - Ordinary	143
Gouge	138
Gouge - Mini	64
Graduated Telescopic Rod	129
Guide Pin, with Threaded Tip	102
Guide Rod / Reaming Rod Introducer	9, 11, 19, 21, 27, 28, 32, 34, 36, 37
Guide Rod 3.0mm Dia	9, 11, 19, 21, 27, 28, 32, 34, 36, 37
Guide Shaft for Coupling Screw	101, 102
Guide Wire for K. Nails	45
Guide Wire for Kuntzcher Nails	45
Guide Wire Sleeve 2.0mm X 7.0mm	33, 34
Guide Wire Sleeve 2.0mm X 9.0mm	33, 34

H

H-Plate	118
Half Rings	129
Half Ringscarbon Fibre	128
Hammering Device	27, 29
Hand Drill - Mini	64
Hard Top Cup for C.P.T. Hip System	110
Harrington Hooks	116
Harrington Implants	116
Harrington Instruments	116
Harrington Punch	116
Harrington Rod	116
Hart Shells	118
Hauton William Maxillary Forceps	60
Heister Jaw Opener	58
Hexagonal Screw Driver (T-Type) for 6.2mm Locking Bolts	20, 21, 27, 28
Hexagonal Screw Driver - 3.5mm Tip	40, 84, 86
Hexagonal Screw Driver - 3.5mm Tip - Extra Large	10, 11, 20, 21, 27, 29, 33, 34, 36, 37
Hexagonal Screw Driver - Mini	63
Hexagonal Screw Driver, 2.5mm Tip	72, 74
Hexagonal Screw Driver 2.5mm Tip- Cannulated	93
Hexagonal Screw Driver, 3.5mm Tip - Cannulated	91
Hexagonal Screw Driver with Sleeve, 2.5mm Tip	72
Hexagonal Screw Driver with Sleeve, 3.5mm Tip	84
Hinge - 90°	130
Hinge - Female	130
Hinge - Male	130
Hinge Joint	131
Hip Prosthesis	104, 105
Hip Prosthesis Austin Moore	105
Hip Prosthesis Bipolar	106
Hip Prosthesis Instruments	108
Hohman Retractors, 15mm Wide, 160mm	74
Hohman Retractors, Small, 8mm Wide, 160mm	74
Hohmann Retractor	140
Hohmann Retractors - Mini	64
Holding Clip	91, 93, 94
Holding Forceps for Circlage Wire	51, 52
Holding Forceps for Reaming Rod	11
Holding Forceps for Tibial Edge Fragment	136
Hollow Mill for 1.5mm & 2.0mm Screws	63
Hollow Mill for Removal Of Drill Bits	73, 85
Hollow Mill for Removal Of Screws, Large	85
Hollow Mill for Removal Of Screws Medium	73
Hook Holding Forceps	116
Hook Plate for 3.5mm Screws	70
Hook Plate for 4.5mm Screws	80
Hook Pusher	116
Hook Pusher - Straight	116
Hook Spreader	116
Hooks - Harrington	116
Humeral Nails	38, 39
Humeral Nails- Instruments	41

I

Ilizarov External Fixators	128, 130
Ilizarov Set - Large	132
Ilizarov Set - Medium	132
Ilizarov Set - Small	132
Ilizarov Wire 1.5mm Bayonet Point	130
Ilizarov Wire 1.8mm Bayonet Point	131
Ilizarov Wire 1.8mm Trocar Point	131
Ilizarov Wire Bayonet Point - 1.5mm	130, 131
Ilizarov Wire, Nuts, Bolts & Washers	131, 132
Impactor	97
Impactor for Square Nails	47
Impactor Nylon Faced	108
Impactor-Extractor for S.P. Nail	99
Implants & Instruments Sets	86
Implants for Plastic, Oral & Maxillofacial Surgery	54, 55, 56
IMSC Locking Bolts, 5 mm (Self Tapping)	35
IMSC Nails	35
IMSC Nails- Instruments	37
In-Line Hook Holder	121
In-Situ Rod Bender, Right & Left	121
Inner Screw for Screws & Hooks	121
Inner Screw Inserter	121
Inner Screw Inserter with Outer Nut Inserter	121, 122
Inner Screw Tightener - Long	121
Insert Drill Sleeve 2.5mm	73
Insert Drill Sleeve 2.5mm / 3.5mm	74
Insert Drill Sleeve 3.2mm	85
Insert Drill Sleeve 4.5/3.2mm	97
Insenter - Extractor	97
Insenter for Compact Hook Holder	121
Insenter for In-Line Holder	121
Insertion Handle (Proximal Jig) for Modified Nails	21

INDEX

in order of Article Names

Instrument for 4.5mm Cortical Cannulated Screws	91
Instrument for 4.0mm Cortical Cannulated Screws	93
Instrument Set - Angled Blade Plate	97
Instrument Set for 5 Holes IMSC Nail, S.S.	37
Instrument Set for Humerus Nails	41
Instrument Set for Multiple Holes IMSC Nail, S.S.	37
Instruments Set for Universal Nails	10
Instrumentation for K. Nails	45
Instruments - Pins & Wire	51, 52
Instruments for Large Fragments	83, 84
Instruments for Mono-Axial & Poly-Axial Implants	122
Instruments for Small Fragments	72, 73, 74
Instruments for Angled Blade Plates	96, 97
Instruments for Conventry Staples	49
Instruments for DHS / DCS Plates	100, 101
Instruments for DHS/DCS Plates	102
Instruments for Ender Nails	42
Instruments for Hip Prosthesis	107, 108
Instruments for Humeral Nails	40, 41
Instruments for IMSC Nails	37
Instruments for Jewett Nail	99
Instruments for K. Nails	45
Instruments for Knee Surgery, S.S.	143
Instruments for Laminectomy	119
Instruments for Large Cannulated Screws	89
Instruments for Maxillofacial	57, 58, 60
Instruments for Mini Fragments	63, 64
Instruments for Modified Tibial & Femoral Nails	19, 20, 21
Instruments for Modular Hip System	110, 111
Instruments for Mono-Axial & Poly Axial	120
Instruments for PFN & Recon Nails	32, 33, 34
Instruments for Plastic, Oral & Maxillofacial Surg	57, 58, 60
Instruments for Skull Surgery	143
Instruments for Square Nails	46
Instruments for Supra Condylar Nails	37
Instruments for Total Hip Surgery	113
Instruments for 'U' Staples	49
Instruments for Universal Nails	8
Instruments for Universal Tibial & Femoral Nails	9, 10, 11
Instruments for XL Tibial & Femoral Nails	27, 28, 29
Instruments Set - D.H.S. Plates	102
Instruments Set for Modified Nails	21
Instruments Set for Modified Tibial & Femoral Nail	21
Instruments Set for Universal Tibial & Universal Nails	10
Instruments Set for XL Tibial & Femoral Nails	27
Instruments Set for XL Tibial & XL Universal Femor	27
Instruments Set PFN Nails	34
Instruments Set Recon Nails	34
Instruments Sets for Cannulated Screws	94
Intramedullary Supra Condylar Nail	35
Italian Femoral Arche	128

J

Jewett Nail Impactor - Extractor	99
Jewett Nail Instruments	99
Jewett Nail Plates	99
Jig for 5 Holes IMSC Nail	36, 37
Jig for Humeral Nails	40, 41
Jig for Modified Nails	20, 21
Jig for Multiple Holes IMSC Nail	36, 37
Jig for PFN Nail	33, 34
Jig for Recon Nail	33, 34
Jig for Universal Nails	10, 11
Jig for XL Femoral Nail	27, 29
Jig for XL Tibial Nail	27, 29
Judget Auger Extractor	108

K

K. Nail Reamers	45
K. Nails	43
K. Nails Guide Wire	45
K. Nails - Instruments	45
K. Wires	47
K. Wire - Threaded	48
K. Wire Bender	51
K.Nail Driver	45
K.Nail Extractor with Two Hooks	45
K.Nail Impactor/Setting Device	45
K.Nail Measuring Gauge	45
K.Wire Bender	52
Kirschner Wire	47
Kirschner Wire - Threaded	48
Knowles Pin	50
Kuntscher Cloverleaf Nails	43

L

L Plate, 4 Holes, Left	55
L Plate, 4 Holes, Right	55
L Plate for 2.7mm Screws	69
L - Plate - Mini	62
L-Butress Plates	80
Lagenback Retractor	140
Lamina Hook Angle Blade	121
Lamina Hook Narrow Blade	121
Lamina Hook Reduced Distance	121
Lamina Hook Wide Blade	121
Laminectomy Instruments	118
Lane Screw Driver	72, 83
Lane'S Bone Lever, Plain, Large	140
Lane'S Bone Lever, Plain, Small	140
Large Bone Plates	78, 79, 80, 81, 82
Large Bone Screws	76, 77
Large Cannulated Hexagonal Screw Driver	94
Large Cannulated Screws - Instruments	89
Large Cannulatedcancellous Screws,7.0mm	88
Large Depth Gauge	84
Large External Fixator	126
Large Fragments - Instruments	83, 84, 85, 86
Large Fragments Bone Plates	78, 79, 80, 81, 82
Large Hexagonal Screw Driver	86
Large Hexagonal Screw Driver - 3.5mm Tip	40
Large Hexagonal Screw Driver 3.5mm Tip	41
Large Hexagonal Screw Driver Shaft	86
Large Neutral & Loaded Drill Guide	84
Large Plate Bender	86
Large Plate Bender - Pair	84
Lateral Tibial Head Buttress Plate	82
Lateral Tibial Plate	82
LC-DCP Condylar Buttress Plates	81
LC-DCP Narrow Plate	78
LC-DCP Plate for 3.5mm Screws	70
Left Angle Plate	56
Left Anterior Retractor	112
Leminar Elevator	121
Lengthening Device	132
Locking Bolt, Dia 4.5mm	31
Locking Bolt, Dia 6mm, Cannulated	31
Locking Bolt, Dia 8mmcannulated	31
Locking Bolts & End Cap for Modified Nails	18
Locking Bolts, 5 mm Dia.	35
Locking Bolts, Dia 4.5mm	18, 26
Locking Bolts, Dia 4.9mm	9
Locking Bolts, Dia 6mm, Cannulated	31
Locking Bolts, Dia 6mm, Non-Cannulated	26
Locking Bolts, Dia 6.2mm	18
Locking Bolts, Dia 8mm, Cannulated	31
Long Coupling Screw for DHS Screw Removal	102
Long Coupling Screw for DHS Screw Removal	101
Long Forceps for Twisting Wire	51
Long I Plate, 6 Holes	56
Long L Plate, 4 Holes, Left	55
Long L Plate, 4 Holes, Right	55
Long Y Plate 4 Holes	54
Lower End Hole Tibial Nail (XI)	23
Lower End Holestibial Nail	13
Lowman Bone Clamp	136

M

Malleolar Forceps	136
Malleolar Screw 3.5mm	68
Malleolar Screws 4.5mm	78
Maniscus Forceps	143
Martin'S Cartilage Clamp	143
Maxillofacial Instruments	57, 58, 59, 60
Maxillofacial Products	54
Mcdowel'S Dissector	118
Measuring Gauge for Prosthesis	108
Mechanical Wire Tensioner	131
Medullary Reamer	9, 11, 19, 21, 27, 28, 33, 34
Medullary Tube	10, 11, 19, 21, 27, 28, 32, 34
Mesh Plate	56
Micro Hand Drill with S.S. Gears	146
Micro Open Hand Drill- with S.S. Gears	146
Midshaft Reamer	110, 112
Mini Chisels	64
Mini Depth Gauge	63
Mini Drill Sleeve	63
Mini Fragments - Instruments	63, 64

Mini Gouge	64
Mini Hand Drill	57, 64, 146
Mini Hexagonal Screw Driver	63
Mini Hohmann Retractors	64
Mini L- Plate	62
Mini Neutral & Loaded Drill Guide	63
Mini Osteotomes	64
Mini Periosteal Elevator	63
Mini Plate & Bone Holding Forceps	64
Mini Plate Bender (Pair)	63
Mini Plate Holding Forceps	64
Mini Plates	62
Mini Reduction Forceps (Pointed)	64
Mini Reduction Forceps (Serrated)	64
Mini Screw Holding Forceps	63
Mini Self Retaining Retractor for Metacarpals	63
Mini Self Retaining Retractor for Fingers	63
Mini Self Retaining Retractor for Metacarpals (with Hinge)	63
Mini Straight Plate	62
Mini T- Plate	62
Mini Tap Sleeve	63
Modified Patella Bone Holding Forcepsfour Prong	137
Modified Femoral Nails for Left Leg	14
Modified Femoral Nails for Right Leg	14
Modified Nails Instruments Set	21
Modified Patella Bone Holding Forcepsthree Prong	137
Modified Tibial & Femoral Nails- Instruments	19, 20, 21
Modified Tibial Nail, Lower End Holes	13
Modified Tibial Nails	12
Modular Hip System	109, 110
Mono-Axial & Poly Axial Screws - Instruments	121, 122
Mono-Axial Screws	120
Monoaxil Screw Driver	121, 122
Moore Hollow Chisel	107
Multiple Pin Fixation Clamp	132
Mullar Compression Clamp	143
Multi-Pin Fixation Clamp	131
Murphy Lane Bone Skid	108

N

Nail (Square) for Radius	46
Nail (Square) for Ulna	46
Nail Holding Bolt	20, 21
Nail Holding Bolt for XL Femoral Nail	27, 29
Nail Holding Bolt for XL Tibial Nail	27, 29
Nail Holding Bolt (Connecting Bolt) for Humeral Nail	40, 41
Nail Holding Bolt for Compression	41
Nail Holding Bolt for IMSC Nails	36, 37
Nail Holding Bolt for Modified Nails	20, 21
Nail Holding Bolt for PFN & Recon Nail	33, 34
Nail Holding Bolt for XL Femoral Nail	29
Nail Holding Bolt for XL Tibial Nail	29
Nails (Rush)	48
Nails - Bend Kuntscher Cloverleaf	44
Nails - Enders	42
Nails - Femoral	7
Nails - Kuntscher Cloverleaf	43
Nails - PFN	30
Nails - Recon	30
Nails - Tense	43
Nails - Tibial	6
Nails - V	44
Nails Femoral for Left Leg	14
Nails Femoral for Right Leg	14
Nails Humeral - Cannulated	39
Nails Humeral - Unreamed	78
Nails UTN	16
Narrow DCP Plates	78
Narrow DCP Plates 4.5mm	78
Narrow LC-DCP Plate	78
Neck Pusher	111
Nerve Root Dissector	118
Nerve Root Retractor - 45° Angle	118, 119
Nerve Root Retractor - 90° Angle	118, 119
Nerve Root Retractor - Straight	118, 119
Neutral & Loaded Drill Guide - Mini	63
Neutral And Loaded Drill Guide	74
New Arrivals	114
Nose Plate, 12 Holes	55
Nose Plate, X Shape, 10 Holes	54
Nut-10mm	131
Nylon Faced Hammer	57
Nylon Insert Nut	131

INDEX

in order of Article Names

O

Oblique Support	131, 132
Olive Wires	130, 131
Omega Ring	128
One Third Tubular Plates	69
One-Third Tubular Plate with Collar	69
Open Rod Pusher	121
Open Single Pin Clamp	125
Orbital Plate, 6 Holes	56
Osteotome 8mm	57
Osteotomes	138
Osteotomes Mini	64
Out Riger	116
Outer Nut for Screws & Hooks	121
Outer Nut Tightener	120

P

Paediatric Tibial & Femur Reduction Device	145
Parallel Wire Guide	89, 94
Patella Bone Holding Forceps, Four Prong	136
Patella Bone Holding Forceps, Three Prong	136
Pedicle Elevator	121, 122
Pedicle Hooks	121
Pedicle Screws	120
Pelvic Reconstruction Plates	71
Pelvic Reduction Forceps	136
Periosteal Elevator - Curved	141
Periosteal Elevator - Mini	63
Periosteal Elevator - Straight	141
Periosteal Elevator, Straight/Curved 12mm	74
Periosteal Elevators - Curved with Fibre Handle	141
Periosteal Elevators - Straight with Fibre Handle	141
PFN & Recon Nails - Instruments	32, 33, 34
PFN Nails	30
Pin - Knowles	50
Pin Steinmen - Centrally Threaded	49
Pins & Wire Instruments	51
Pins - Austin Moore	50
Pins - Steinman	49
Plaster Bender	142
Plaster Cutting Instruments	142
Plaster Opener - Daw'S	142
Plaster Saw - Bergman	142
Plaster Saw - Engel	142
Plaster Saw - Heavy Handle	142
Plaster Shear - Bohler'S	142
Plaster Shear - Gay'S	142
Plaster Shear - Stille'S	142
Plaster Spreader	142
Plate & Bone Holding Forceps - Mini	64
Plate - Calcaneal	71
Plate - Cobra Head	81
Plate - Distal Tibial	80
Plate - Proximal Lateral Tibial	80
Plate - Rotation Angle	114
Plate Bender (Pair) - Mini	63
Plate Bender for 2.7mm & 3.5mm Reconstruction Plate	73
Plate Bender for 4.5mm Reconstruction Plates	84
Plate Bender for Small Fragment Plates	73
Plate Bending Pliers (Roller Type)	84
Plate Bending Press	73, 84
Plate Holding Forceps	58
Plate Holding Forceps - Mini	65
Plate Holding Forceps Plier Type	58
Plate Lateral Tibial	82
Plate Lateral Tibial with LC-DCP Cuts	82
Plate Set	86
Plate - Semi Tubular 3.5mm	71
Plates - Small Fragment	68, 69, 70, 71
Plates - 130° Angled Blade	96
Plates - 95° DCS	99
Plates - Cloverleaf	71
Plates - Condylar Buttress	81
Plates - DHS Barrel	101
Plates - DHS Short Barrel	100
Plates - Jewett Nail	99
Plates - Mini	62
Plates - Semi-Tubular	79
Plates - Steffee	117
Plates - 'T'	80
Plates - 'T' Buttress	80
Plates - Y-Reconstruction	71
Plates 3.5mm - Reconstruction	71
Plates Broad DCP	79

Plates Broad LC-DCP	79
Plates for Intertrachanteric Femoral Osteotomies	96
Plates Narrow DCP	78
Plates Narrow LC-DCP	78
Plates - Large	78, 79, 80, 81, 82
Plier Cum Wire Bender	52
Plier Cum Wire Bender	51
Plier_1	57
Plier_2	57
Plug Screws for Universal Nails	9
Pneumatic Tourniquet Set	145
Pointed Drill Guide	84, 87
Poly-Axial Screws	120
Polyaxial Screw Driver	120, 122
Polyaxial Screw Driver Shaft Sleeve	120, 123
Post Female	128
Post Male	128
Posterior Interior Retractor	111
Precision Centerizer Placement Rod	110
Primary Charnley System Acetabular Cup/Neck Trials	113
Primary Modular System Acetabular Cup/Neck Trials	110
Probe Flat	120
Probe Round	120
Projective Reamer	41
Protection Sleeve 4.5mm Dia	89, 94
Protection Sleeve, 8.0mm(I.d.), 11mm(O.d.)	10
Protection Sleeve 8mm (I.d.), 11mm (O.d.)	10
Protection Sleeve for 6mm Locking Bolts	33, 35
Protection Sleeve for 8mm Locking Bolts	33, 35
Protection Sleeve for Humeral Nails	40, 41
Protection Sleeve for IMSC Nails	36, 37
Proximal & Distal Jig for 5 Holes IMSC Nail	36, 37
Proximal & Distal Jig for Multiple Holes IMSC Nail	36, 37
Proximal & Distal Jig for PFN Nail	33, 34
Proximal Femoral Nails (PFN)	30
Proximal Jig for Humeral Nails	40, 41
Proximal Jig for Recon Nail	33, 34
Proximal Jig for Universal Nails	10, 11
Proximal Jig for XL Femoral Nail	27, 29
Proximal Jig for XL Tibial Nail	27, 29
Proximal Lateral Tibial Plate	80
Punch Forceps	118, 119

Q

Quadrangular Positioning Plate	97
Quarter Tubular Plate for 2.7mm Screws	68
Quick Coupling Adaptor with Jacob End	72, 83
Quick Coupling Bone Tap	72
Quick Coupling Fibre Handle	72
Quick Coupling Fibre Handle with Rotation	83
Quick Coupling Handle (T-Type)	41, 72, 83
Quick Coupling Tap Handle Cannulated	91, 93, 94

R

Radius Nails	46
Ramis-Retractor	60
Rasp for Austin Moore	107
Rasp for Austin Moore Extra Long	107
Rasp for Biopolar	107
Rasp for Thompson	107
Reaming Hand Piece Cannulated Quick Coupling	148
Reaming Rod 3.0mm Dia	9, 11, 19, 21, 27, 28, 32, 34, 36, 37
Recon Nails	30
Reconstruction Plate for 2.7mm Screws	69
Reconstruction Plates	82
Reconstruction Plates - 3.5mm	71
Reduction Forceps (Pointed) - Mini	64
Reduction Forceps (Serrated) - Mini	64
Reduction Forceps, Pointed - 140mm	74
Reduction Forceps, Serrated - 140mm	74
Reduction Screw	120
Repofix Device	131, 132
Retractor Beckmann Adson	119
Retractor Hohmann	140
Retractor Nerve Root	119
Right Angle Plate	56
Right Angle Retractor	141
Right Anterior Retractor	112
Rods	121
Rod - Harrington	116
Rod - Spinal	115, 120
Rod Clamp - Long	121

Rod Cutter	121
Rod Graduated Telescopic	129
Rod Holder	121, 122
Rod Stabiliser	121
Rod Telescopic	129
Rod Threaded	129
Rotation Angle Plate	114
Row Maxillary Disimpaction Forceps_Left	58
Row Maxillary Disimpaction Forceps_Right	59
Rush Nail Impactor/ Introducer	46
Rush Nails	48

S

S.S. Containers	147
S.S. Chuck & Key	51, 52
S.S. Tubes	145
Sagittal Saw Hand Piece with Blades	148
Sagittal Hook Holder	121
Sagittal Rod Aproximator	121
Sagittal Rod Fork Large & Small	121
Screw Container	147
Screw Driver (T-Type) for 6.2mm Locking Bolt	21, 27, 29
Screw Driver - 3.5mm Tip	40, 41, 84, 86
Screw Driver - 3.5mm Tip - Extra Large	10, 21, 27, 29, 33, 36, 37
Screw Driver - Mini	62
Screw Driver, 2.5mm Tip	72, 74
Screw Driver Shaft, O.C. End - 2.5mm Tip	73
Screw Driver Shaft, O.C. End - 3.5mm Tip	84
Screw Driver with Sleeve, 2.5mm Tip	72
Screw Driver with Sleeve, 3.5mm Tip	84
Screw Holding Forceps	73, 85
Screw Holding Forceps - Mini	63
Screw Reduction	120
Screw Set - Large	86
Screw Set - Small	68
Screws - 2.7mm Cortical	66
Screws - 2.7mm Self Tapping Cortical	66
Screws - 3.5mm Cortical	66
Screws - 3.5mm Self Tapping Cortical	66
Screws - 4.5mm Cortical	76
Screws - 4.5mm Self Tapping Cortical	76
Screws - Malleolar 3.5mm	68
Screws - Malleolar 3.5mm	78
Screws - 6.5mm Cancellous	77
Screws - Shaft 3.5mm	68
Screws - Shaft 4.5mm	76
Screws - DHS / DCS	99
Screws - Steffee	117
Screws - Cannulated	88, 90, 92
Screws, 1.5mm (Slotted Head)	54
Screws, 1.8mm (Slotted)	54
Screws, 2.3mm (Slotted)	54
Screws, 2.5mm (Slotted)	54
Screws, 2.7mm (Slotted)	54
Screws, 2mm (Slotted)	54
Screws ACL	114
Screws Mini - 1.5mm Cortical	62
Screws Mini - 2.0mm Cortical	62
Screws Mono-Axial	120
Screws Pedicle	120
Screws Poly-Axial	120
Screws - Large	76, 77
Screws - Small	66, 67
Seating Chisel	97
Self Centering Bone Holding Forceps- 190mm	74
Self Holding Screw Driver, 1.5mm	57
Self Holding Screw Driver 2.5mm	57
Self Holding Screw Driver, 2mm	57
Self Retaining Retractor	141
Self Retaining Retractor for Metacarpals - Mini	63
Self Retaining Retractor for Fingers - Mini	63
Semi Circular Tubular Rod	125
Semi-Tubular Plates	79
Shaft Screw 3.5mm	68
Shaft Screws 4.5mm	76
Shanz Pin Introducer	125, 126
Shanz Screws	127
Sharp Hook	74, 85, 86, 139
Short Connection Plates	130
Single Pin Clamp	124
Single Pin Clamp (Deluxe)	124
Single Pin Clamp with Extension Plate	125
Single Pin Fixation Bolt	131
Single Pin Fixation Bolt with Washer - Deluxe	131

INDEX

in order of Article Names

Skin Grafting Blade	144	Straight Side Connector	114	U	
Skin Grafting Knife	144	Straight-Elevator	60	U' Staples - Instruments	49
Skin Grafting Knife, Excel	144	Stylet	101, 102	U Type Staples	49
Skin Grafting Knife, Large	144	Stylet 1.25mm, Length 220mm	93, 94	Ulna Nails	46
Skin Grafting Knife, Large - Left Handed	144	Stylet 1.6mm, Length 225mm	91	Unilock Plate 2.7mm, Left Angled, 150°	55
Skin Grafting Knife, Small	144	Stylet 2.0mm	89, 94	Unilock Plate 2.7mm, Right Angled, 150°	55
Skin Retractor	141	Supra Condylar Nails- Instruments	36, 37	Universal Bone Drill with S.S. Gears	146
Sleeve Trocar	37	Suture Wire	47	Universal Femoral Nail (Slotted)	8
Slotted Femoral Nail	8			Universal Femoral Nails	7
Slotted Hammer	40, 41, 97	T		Universal Femoral Nails (XL)	24
Slotted Tibial Nail	8	T Plate (Maxillofacial)- Long, 6 Holes	56	Universal Nails Instruments	9, 10, 11
Slotted Washer	131	T Plate (Maxillofacial)- Small, 4 Holes	56	Universal Open Hand Drill with S.S. Gears	146
Small Bone Screws	66, 67	T- Handle with Chuck (Steinmann Pin Introducer)	52	Universal Tibial & Femoral Nails- Instruments	9, 10, 11
Small Cannulatedcancellous Screws	92	T- Handle with Quick Coupling	74, 100, 101	Universal Tibial Nail (Slotted)	8
Small Compression Distraction Device	124	T- Plate - Mini	62	Universal Tibial Nails	6
Small Connecting Clamp 4.0X4.0mm	124	T-Buttress Plates	80	Universal Unreamed Femoral Nail (XL)	26
Small Depth Gauge	73	T-Handle with S.S.Chuck & Key	51, 52	Unreamed Femoral Nail (Left)	17
Small External Fixator	124	T-Plate for 2.7mm Screws	69	Unreamed Femoral Nail (Right)	17
Small Fragment Implants Set	74	T-Plates for 4.5mm Screws	80	Unreamed Humeral Nails	38
Small Fragment Instruments Set	74	T-Plates, Oblique Angled	70	Unreamed Tibial Nail	16
Small Fragments - Instruments	72, 73, 74	T-Plates, Right Angled with 3 Head Holes	70	Unreamed Tibial Nail (XL)	25
Small Fragments Bone Screws	66, 67	T-Plates, Right Angled with 4 Head Holes	70	Unreamed Tibial Nail, Lower End	16
Small Fragments Plates	68, 69, 70, 71	T-Plates Small	70	Unreamed Universal Femoral Nail (XL)	26
Small Heck Saw	51	T-Wrench - 11mm	125	UTN Nails	16, 25
Small Hexagonal Screw Driver	72, 74	T-Wrench - 8mm	124		
Small Hexagonal Screw Driver Shaft	73, 74	Tab Removers (Pair)	121	V	
Small Neutral & Loaded Drill Guide	73	Tap of 3.5mm Cortical Screw	72	V - Nail	44
Small Plate Bender - Pair	73, 74	Tap of 4.0mm Cancellous Screw	72	Variable Angle DHS Plate	114
Small Screws - Washers	67	Tap Sleeve - Mini	63	Variable Angle Guide	102
Small Single Pin Clamp 4.0x2.5mm	124	Tap Sleeve 4.5mm	85	Vertebral Body Positioner	121
Small T-Plates	70	Tap Sleeve 6.5mm	85	Volkman'S Retractor	141
Small T-Plates, Oblique Angled	70	Tap with T-Handle	72		
Small T-Plates, Right Angled	70	Telescopic Rod	129	W	
Smillie'S Knee Joint Retractor (Set Of Six)	143	Tense Nails	43	Walsham Nasal Septum Forceps	59
Smillie'S Manicure Knives (Set Of Three)	143	Tessier Osteotome	58	Warf-Osteotomes	60
Spacing Washer	131	Thomposon Rasp	107	Washer for 4.5 To 7.0mm Screws	78
Spanner - 10mm	131	Thompson Hip Prosthesis	104	Washer for Large Screws	78
Spanner - 8mm	124	Thoracic Facet Finder	121	Washer for Small Screws	67
Spanner, 11mm	10, 11, 41, 125, 126	Threaded Guide Wire 1.25mm	93, 94	Washer Hanger	132, 131
Spanner 14mm, S.S.	21, 36, 37	Threaded Guide Wire 1.6mm, Length 150mm	91, 94	Washers Large	78
Spanner 17mm, S.S.	27, 29, 33, 34	Threaded Guide Wire 2.0mm Dia	33, 34, 89, 94	Wire Buckle	131
Spanner, 21mm	10, 11	Threaded Kirschner Wire	48	Wire Cerclage	50
Spare Blade - Large	144	Threaded Rod	129	Wire Cutter S.S.	59
Spare Blade - Small	144	Threaded Rod Clamp	116	Wire Cutter T C Up with Spring	60
Spare Blade for Small Heck Saw	51	Threaded Socket	130	Wire Drummer	50
Spare Burrs for Crutch Field Tong	143	Tibial & Femur Reduction Device	145	Wire Fixation Bolt - Cannulated	131
Spare Hook for A.M. Extractor	108	Tibial Drill Sleeve 3.5mm (Id.), 8mm (Od.)	21, 27	Wire Fixation Bolt - Slotted	131
Spare Hook for K. Nail Extractor	45	Tibial Nail (Slotted)	8	Wire Implants & Instrument Set	52
Spinal Distractor	144	Tibial Nail (XL), Lower End Hole	23	Wire Instruments	51, 52
Spinal Rod Bender	116	Tibial Nail (XL)- Unreamed	25	Wire Kirschner	47
Spinal Rod Bender	116, 122	Tibial Nail - Unreamed	16	Wire Passer	51
Spinal Rounders	118	Tibial Nail Lower End (XL)- Unreamed	25	Wire Suture	47
Spoon Plate	79	Tibial Nail, Lower End - Unreamed	16	Wire Tightner Cum Twister	51
Square Nail Extractor Hook	46	Tibial Nail, Lower End Holes	13	Wire Tightner Cum Twister Cum Cutter	51, 52
Square Nail for Radius	46	Tibial Nails - Modified	12	Wire Tightner with Two Pegs	51
Square Nail for Ulna	46	Tibial Nails - XL	22	Wire Tightner/Twister	51
Square Nail Reamer	46	Tibial Protection Sleeve 8mm (Id.), 10mm (Od.)	21, 27, 29	Wire Twister - Circular	51
Square Nails- Instruments	46	Tightener - Long	121	Wrench for DHS Screws	101
Square Nut	131	Tissue Protector	9, 11, 19, 21, 27, 28, 32, 34	Wrenchoque	132
Stainless Steel Containers	147	Total Hip Surgery Instruments	112		
Stainless Steel Tubes	145	Total Hip System	112	X	
Staple	121	Traction Screws	78	X Plate, 5 Holes	55
Staple Driver	121	Transverse Clamp	125, 126	XL Tibial & Femoral Nails - Instruments	27, 28, 29
Staples - Coventary	49	Transverse Connector	120	XL Tibial Nail, Lower End Hole	23
Staples - Instruments	49	Transverse Saw Hand Piece with Blades	148	XL Tibial Nails	22
Staples - U Type	49	Triangular Positioning Plates	97	XL Universal Femoral Nails	24
Starter for S.P. Nail	99	Triple Drill Guide - 130° Angle	97	XL Universal Unreamed Femoral Nail	26
Steffee Awl	117	Triple Trocar Set	125, 126	XL Unreamed Tibial Nail	25
Steffee Implants	117	Tripple Drill Guide 2.0mm	51, 52	XL Unreamed Tibial Nail, Lower End	25
Steffee Plates	117	Trocar, 8.0mm	10, 41		
Steffee Screw Introducer	117	Tube Rod Bender	121	Y	
Steffee Screw Tap	117	Tube To Tube Clamp	126	Y Plate 5 Holes	54
Steffee Screws	117	Tubes Sterilization	145	Y-Reconstruction Plates	71
Steffee Wrench	117	Tubes S.S.	145		
Steinman Pins	49	Tubular External Fixator	125, 126	Z	
Steinmann Pin Holder	51, 52	Tubular Plates - 1/3	69	Z Plate	55
Steinmann Pin Introducer	52	Tubular Plates - One Third	69		
Steinmen Pin - Centrally Threaded	49	Tubular Plates - One Third with Collar	69		
Step Ball Hip Prosthesis	104	Tubular Rod	125, 127		
Sterilization Tubes	145	Tuder Edwardbone Cutting Forceps	137		
Straight 3.5mm Reconstruction Plates	71	Twin Adjustable Clamp - Curved	125, 126		
Straight Awl	121, 122	Twin Adjustable Clamp - Straight	125, 126		
Straight Plate with Bridge	56	Twisted Plate	130		
Straight Plates - Mini	62				
Straight Reconstruction Plates 4.5 mm	82				

WHAT our competitors don't want you to know...

- ▷ That we have more than **51 years of operational experience** and have attained No.1 position.
- ▷ That we are one of the **most reputed manufacturers** and exporters of Orthopedic Implants in India.
- ▷ That we are exporting to more than **80 countries** worldwide.
- ▷ We pride ourselves on Superior Quality and Competitive Pricing, and we operate under a **quality system** that complies with ISO 9001:2000, ISO 13485:2003, CE and WHO:GMP.
- ▷ That the **factory** is probably the **biggest** (skilled production staff of about 250 people) and most well equipped in India.
- ▷ Many reputed companies in Europe and USA regularly buy from us. That proves our quality.
- ▷ That we travel to more than 15 countries every year and **reach out to our clients** and buyers.
- ▷ We are probably the only company in India to have the **widest range** of implants in both **Stainless Steel and Titanium medical grade**.
- ▷ Unlike many of our competitors, we don't compromise on quality in exchange for a cheaper price !! We believe human **life is invaluable !!**
- ▷ We understand your requirements, we recognize your needs, we know what's important... that's what we do.

...Now **YOU KNOW**



Caveat Emptor:

"Narang Medical Limited" has no subsidiary or branch. It has no association with any other similarly named company or having personnel with the same surname "Narang".

Buyers Beware !

TERMS & CONDITIONS:

1. All technical data & sizes in this catalogues are approximate. We reserve the right to upgrade / improve / after the specifications and design of our products without notice.
2. Use of all our products is restricted to professional who are qualified and trained to use them. We are not responsible for any damages which may occur due to improper or unauthorized use. In case of malfunctioning of the product, the company liability is limited to the maximum extent of the cost of equipment.
3. All orders are accepted subject to existence of conditions that enable smooth compliance. No liability shall lie against us or any of our representatives, if any order, remains un-complied with or partially complied with or delayed for reasons beyond our control.
4. All transaction shall be governed by jurisdiction under Delhi courts.
5. Copyright Notice: All editorial content and graphic in this catalog are protected by copyright and may not be copied without the express permission of Narang Medical Ltd., which reserves all rights. Re-use of any of editorial content and graphics for any purpose is strictly prohibited. Violators shall be prosecuted and penalized to the maximum extent under the law. Permission to use the content is granted on a case-by-case basis. We welcomes requests. Please direct your inquiries to webmaster@narng.com.

NOTE:

- a. We use material for Implants Stainless Steel 316L, 316LVM and Titanium medical grade.
- b. We supply 220V/50Hz. for Electric Items.

Distributor :



NARANG MEDICAL LIMITED

(Formerly Narang Enterprises)

Narang Tower, 46 Community Centre, Naraina Phase-1, New Delhi-110028, India

Tel : +91-11-41495070 (6 Lines), Fax : +91-11-41495076

E-mail : NET@narang.com, Web : www.ortho.in