



NRV OrthoTech Pvt Ltd
Perfection At It's Finest...



Orthopedic Implants & Instruments Company

ACL PCL Reconstruction

Interlocking Nails

Nails / Wires / Pins

DHS / DCS Plates / Hip Prosthesis

Cannulated Screws

Spine Implants & Instruments

Maxillofacial Implant

Mini Plates - Standard

Small Plates - Standard

Large Plates - Standard

Mini Locking Plates

Small Locking Plates

Large Locking Plates

External Fixators / Tools

Innovative Reliable Quality
Excellent Performance



Inter Locking Tibia Nail

SS301 / SS302 / TT1 / TT2

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Also available in two variant one is Normal and Hyper.
- Length : 260mm to 420mm
- Nail diameter : 8.0mm to 13.0mm
- Proximal diameter : 12.0mm to 13.0mm
- Proximal bend : 11 degrees
- Fixation with 3.9mm and 4.9 mm self-tapping locking screws.

Intended Use / Indication

- Fractures of proximal and distal third of tibia.
- Unstable tibial diathesis fractures.
- Comminuted fractures of diathesis of tibia.
- Segment tibial fractures.
- Open grade I & II fractures of the tibial diathesis.



Inter Locking Femur Nail

SS303 / SS304 / TT4 / TT5

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Also available in two variant one is Normal and Hyper.
- Length : 300mm to 480mm
- Nail diameter : 10.0mm to 15.0mm
- Proximal diameter : 13.0 to 15.0mm
- Fixation with 4.9mm self-tapping locking screws.

Intended Use / Indication

- Simple and multi fragment fractures of the femoral shaft.



NRV Ortho

Distal Femoral Nail (DFN)

SS311 / TT3

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Proximal diameter : 13mm
- Length : 160 to 420mm
- Nail diameter : 9.0 to 13.0mm

Intended Use / Indication

- For stabilization of fractures of the distal femur.
- Disphyseal fractures in which a retrograde approach is indicated (ipsilateral tibia and /or patella fractures, proximal or distal end prosthesis, and adiposities termagant).



NRV Ortho

Reconstruction Femoral Nail

SS305 / TT9

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Variants available for Right and Left femur.
- Proximal diameter : 13mm
- Length : 320 to 440mm
- Nail diameter : 9 to 13mm
- Fixation with 6.3mm/6.0mm/4.9mm self-tapping locking screws.

Intended Use / Indication

- Non-comminuted mid shaft fractures.
- Comminuted shaft fractures.
- Sub trochanteric fractures.
- Distal third fractures.
- Combination fractures of the shaft and neck.
- Inter trochanteric fractures.
- Combined intertrochanteric and sub trochanteric fractures.
- Reconstruction of tumors resection.
- For fixation of fractures of femur.



Proximal Femoral Nail (PFN)

SS312 / TT7

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Length : 240mm (short) and 300mm to 420mm (Long)
- Nail diameter : 10.0mm to 12.0mm (Short) & 10.0mm (Long)
- Available in 125, 130, 135 degrees.
- Fixation with 9.2mm femoral neck screws; 6.3mm and 4.9 mm self-tapping locking screws.

Intended Use / Indication

- Intended for fractures in the trochanter and femoral neck region.



Antegrade Femoral Nail (AFN)

SS313 / TT6

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Proximal diameter : 12mm
- Length : 300 to 480mm
- Nail diameter : 9.0 to 13.0mm

Intended Use / Indication

- For intramedullary fixation of sub trochanteric fractures and ipsilateral fractures of the femoral shaft and neck.



Inter Locking Humerus Nail

SS308 / TT8

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Proximal diameter : 8.0mm
- Length : 180 to 325mm
- Nail diameter : 6.5 to 8.0mm
- Fixation with 3.4mm self-tapping locking screws.

Intended Use / Indication

- Stable or unstable shaft fractures of the humerus.
- Pathologic fractures of humerus.
- Pseudoarthrosis or delayed unions.
- Comminuted fractures of the humerus with small medullary canals.



Inter Locking Screw 3.4mm

SS114 / TT15

Size : 24mm to 50mm (2mm var.)

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Thread diameter : 3.4mm
- Core diameter : 2.7mm
- Hexagonal Socket : 3.5mm
- Head diameter : 8.0mm



Inter Locking Screw 3.9mm

SS115 / TT13

Size : 24mm to 44mm (2mm var.)
45mm to 70mm (5mm var.)

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Thread diameter : 3.9mm
- Fully threaded.
- Core diameter : 3.3mm
- Hexagonal Socket : 3.5mm
- Head diameter : 8.0mm



NRV Ortho

Interlocking Screw 4.9mm

SS116 / TT14

Size : 24mm to 48mm (2mm var.)
50mm to 90mm (5mm var.)

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Thread diameter : 4.9mm
- Fully threaded.
- Core diameter : 4.3mm
- Hexagonal Socket : 3.5mm
- Head diameter : 8.0mm

Interlocking Screw 6.0mm

SS117 / TT16

Size : 45mm to 105mm (5mm var.)

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Thread diameter : 6.0mm
- Short threaded.
- Hexagonal Socket : 3.5mm
- Head diameter : 8.0mm



NRV Ortho

PFN Screw 6.3mm

SS118 / TT17

Size : 65mm to 115mm (5mm var.)

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Thread diameter : 6.3mm
- Hexagonal Socket : 5.0mm
- Head diameter : 8.0mm



NRV Ortho

PFN Screw 8.0mm

SS119 / TT18

Size : 65mm to 115mm (5mm var.)

Specification

- Available in Titanium alloy (As per ISO 5832-3) & Stainless Steel AISI 316 L.
- Thread diameter : 8.0mm

Instrument Set



Types of Instrument Sets

| |
|--------------------------------|
| Regular Tibia Instrument Set |
| Hyper Tibia Instrument Set |
| Regular Femoral Instrument Set |
| Hyper Femoral Instrument Set |
| DFN Instrument Set |
| Reconstruction Instrument Set |
| P.F.N. Instrument Set |
| A.F.N. Instrument Set |
| Humuras Instrument Set |





Corporate Office

NRV OrthoTech Pvt. Ltd.

C-506, Signature 2 Business Park,
Near Sanand Circle, Sarkhej,
Ahmedabad - 382210, Gujarat, INDIA.
Ph : +91-79-66173506
E-Mail : info@nrvortho.com
www.nrvortho.com