



"Your muscles cannot get "longer" without some rather radical orthopedic surgery."





LARGE FRAGMENT - STANDARD

Madiha Ortho pvt. ltd

CONTENT

| S. No. | Products Name | Page No |
|--------|--|---------|
| 1 | Narrow Dynamic Compression Plate 4.5 | 4 |
| 2 | Narrow LC-DCP Plate 4.5 | 5 |
| 3 | Broad Dynamic Compression Plate 4.5 | 6 |
| 4 | Broad LC-DCP Plate 4.5 | 7 |
| 5 | Semi-Tubular Plate 4.5 | 8 |
| 6 | Hook Plate 4.5 | 8 |
| 7 | Cobra Head Plate 4.5 | 9 |
| 8 | Spoon Plate 4.5 | 9 |
| 9 | T-Plate 4.5 | 10 |
| 10 | T-Buttress Plate 4.5 | 11 |
| 11 | L-buttress Plate Right, Left Angled 4.5 | 12 |
| 12 | L-buttress Plate Left, Right Angled 4.5 | 12 |
| 13 | Proximal Lateral Tibial Plate | 13 |
| 14 | Lateral Tibial Head Buttress Plate 4.5 Left & Right | 13 |
| 15 | Lateral Tibial Head Buttress Plate LC-DCP 4.5 Left & Right | 14 |
| 16 | Condylar Buttress Plate 4.5 | 15 |
| 17 | Condylar Buttress Plate LC Cuts 4.5 - Left & Right Leg | 15 |
| 18 | Reconstruction Plate 4.5, Straight | 16 |
| 19 | Pelvis Plate | 16 |
| 20 | Distal Tibial Plate | 17 |
| 21 | Cortex Screw Ø 4.5mm | 18 |

| S. No. | Products Name | Page No |
|--------|--|---------|
| 22 | Cortex Screw Ø 4.5mm - Self Tapping | 19 |
| 23 | Shaft Screw Ø 4.5mm | 21 |
| 24 | Cancellous Bone Screw Ø 4.5mm Short Thread | 22 |
| 25 | Cancellous Bone Screw Ø 4.5mm Full Thread | 23 |
| 26 | Cancellous Bone Screw Ø 6.5mm, 16mm Thread | 24 |
| 27 | Cancellous Bone Screw Ø 6.5mm, 32mm Thread | 25 |
| 28 | Cancellous Bone Screw Ø 6.5mm, Full Thread | 26 |

LARGE FRAGMENT - STANDARD

Standard Implants comprise Standard Plates and Screws. Plates are classified according to their functions. These Plates accommodate 5.0mm, 6.5mm and 7.3mm Cortical and Cancellous Screws. We also offer Implants & Instrument Sets, Broken screw removal sets and Screw sets for Large Fragments.

PLATES

Narrow DCP 4.5

Narrow Dynamic Compression Plate 4.5

- → Narrow Dynamic Compression Plate 4.5. These plates are indicated for fixation of various long bones, such as the humerus, tibia and femur. These are also used in fixation of peri-prosthetic fractures, osteopenic bone and fixation of nonunions or malunions in adult patients.
- \rightarrow It is particularly used as tension band plate for fracture of humerus and tibia.
- \rightarrow It is not indicated for fractures of femur.
- \rightarrow All holes accept 4.5 mm cortical screws and end holes accept 6.5 mm cancellous screws.
- \rightarrow All holes are designed as self-compressing holes. All the end holes are designed for cancellous bone screws.

12mm

- \rightarrow Fixation with 4.5 & 6.5mm screws.
- → Indication: As a neutralisation and tension band plate on the tibia (not intended for the femur).

| No. of Holes | Stainless Steel | No. of Holes | Stainless Steel |
|--------------|-----------------|--------------|-----------------|
| 4 | MOPL0326-01 | 12 | MOPL0326-09 |
| 5 | MOPL0326-02 | 13 | MOPL0326-10 |
| 6 | MOPL0326-03 | 14 | MOPL0326-11 |
| 7 | MOPL0326-04 | 15 | MOPL0326-12 |
| 8 | MOPL0326-05 | 16 | MOPL0326-13 |
| 9 | MOPL0326-06 | 17 | MOPL0326-14 |
| 10 | MOPL0326-07 | 18 | MOPL0326-15 |
| 11 | MOPL0326-08 | | |



25mm

16mm

Narrow LC-DCP

Narrow LC-DCP Plate 4.5

→ Narrow Limited Contact Dynamic Compression Plate. These plates are indicated for fixation of various long bones, such as the humerus, femur and tibia. These are also used in fixation of periprosthetic fractures, osteopenic bone and fixation of nonunions and malunions in adult patients.



- \rightarrow The oval shaped hole is designed to create dynamic pressure between the fractured bone fragments.
- → Limited Contact Dynamic Compression Plate has the advantage of reduced impairment of periosteal blood supply due to limited plate-periosteum contact. It reduces plate-bone contact and creates uniform strength along the plate. Reduction of the plate-bone contact minimizes the area of bone and minimizes periosteum that is damaged as a result of pressure and improves the potential for healing. The uniform strength of the plate allows smooth plate contouring and minimizes the affects of stress concentration from the plate holes without compromising overall plate strength.
- \rightarrow All holes of the plate allow 4.5 mm cortical screws and end holes of the plate allow 4.0 mm cancellous screws.
- \rightarrow Fixation with 4.5 & 6.5mm screws.
- \rightarrow Undercuts: For reduced vascular damage.
- $\rightarrow~$ The end holes can be used for cancellous bone screws.
- \rightarrow The LC-DCP holes allow compression in both directions of the longitudinal axis.
- \rightarrow Indication: As a neutralisation and tension band plate on the tibia (not intended for the femur).

| No. of Holes | Stainless Steel | No. of Holes | Stainless Steel |
|--------------|-----------------|--------------|-----------------|
| 4 | MOPL0327-01 | 11 | MOPL0327-08 |
| 5 | MOPL0327-02 | 12 | MOPL0327-09 |
| 6 | MOPL0327-03 | 13 | MOPL0327-10 |
| 7 | MOPL0327-04 | 14 | MOPL0327-11 |
| 8 | MOPL0327-05 | 15 | MOPL0327-12 |
| 9 | MOPL0327-06 | 16 | MOPL0327-13 |
| 10 | MOPL0327-07 | | |

Broad DCP 4.5

Broad Dynamic Compression Plate 4.5

- → Broad Dynamic Compression Plate 4.5. These plates are indicated for fixation of various long bones, such as the humerus, femur and tibia. These are also used in fixation of peri-prosthetic fractures, osteopenic bone and fixation of non-unions and malunions in adult patients.
- \rightarrow The oval shaped hole is designed to create dynamic pressure between the fractured bone fragments.
- \rightarrow All holes of the plate allow 4.5 mm cortical screws and end holes of the plate allow 4.0 mm cancellous screws.
- \rightarrow Fixation with 4.5 & 6.5mm screws. All holes are designed as self-compressing holes.
- \rightarrow 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).
- \rightarrow Use broad plates with six or seven holes in exceptional cases only, e.g. on the humerus.



| No. of Holes | Stainless Steel |
|--------------|-----------------|
| 4 | MOPL0328-01 |
| 5 | MOPL0328-02 |
| 6 | MOPL0328-03 |
| 7 | MOPL0328-04 |
| 8 | MOPL0328-05 |
| 9 | MOPL0328-06 |
| 10 | MOPL0328-07 |
| 11 | MOPL0328-08 |
| 12 | MOPL0328-09 |

| No. of Holes | Stainless Steel |
|--------------|-----------------|
| 13 | MOPL0328-10 |
| 14 | MOPL0328-11 |
| 15 | MOPL0328-12 |
| 16 | MOPL0328-13 |
| 17 | MOPL0328-14 |
| 18 | MOPL0328-15 |
| 19 | MOPL0328-16 |
| 20 | MOPL0328-17 |

Broad LC-DCP

Broad LC-DCP Plate 4.5

- → Broad LC-DCP 4.5. These plates are indicated for fixation of various long bones, such as the humerus, femur and tibia. These are also used in fixation of peri-prosthetic fractures, osteopenic bone and fixation of nonunions and malunions in adult patients.
- → Limited Contact Dynamic Compression Plate has the advantage of reduced impairment of periosteal blood supply due to limited plate-periosteum contact. It reduces plate-bone contact and creates uniform strength along the plate. Reduction of the plate-bone contact minimizes the area of bone and minimizes periosteum that is damaged as a result of pressure and improves the potential for healing. The uniform strength of the plate allows smooth plate contouring and minimizes the affects of stress concentration from the plate holes without compromising overall plate strength.
- \rightarrow All holes of the plate allow 4.5 mm cortical screws and end holes of the plate allow 6.5 mm cancellous screws.
- $\rightarrow\,$ 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 Pseudarthrosis (not intended for the Tibia).



| No. of Holes | Stainless Steel | No. of Holes | Stainless Steel |
|--------------|-----------------|--------------|-----------------|
| 4 | MOPL0329-01 | 13 | MOPL0329-10 |
| 5 | MOPL0329-02 | 14 | MOPL0329-11 |
| 6 | MOPL0329-03 | 15 | MOPL0329-12 |
| 7 | MOPL0329-04 | 16 | MOPL0329-13 |
| 8 | MOPL0329-05 | 17 | MOPL0329-14 |
| 9 | MOPL0329-06 | 18 | MOPL0329-15 |
| 10 | MOPL0329-07 | 19 | MOPL0329-16 |
| 11 | MOPL0329-08 | 20 | MOPL0329-17 |
| 12 | MOPL0329-09 | | 7 |

Semi-Tubular 4.5

Semi-Tubular Plate 4.5

- \rightarrow Semi-Tubular Plate 4.5. These plates are primarily indicated for areas of low stress such as forearm-radius, and are also recommended for the fractures of fibula.
- → Compression is applied by eccentric positioning of the screws against the side of the screw hole furthest from the fracture line.
- \rightarrow All Use 4.5 mm cortical screws and 6.5 mm cancellous screws for the fixation.
- → Fixation with 4.5 & 6.5mm screws. A compression effect can be achieved by eccentric positioning of the screws remote from the fracture line.



| No. of Holes | Stainless Steel | No. of Holes | Stainless Steel |
|--------------|-----------------|--------------|-----------------|
| 4 | MOPL0330-01 | 9 | MOPL0330-06 |
| 5 | MOPL0330-02 | 10 | MOPL0330-07 |
| 6 | MOPL0330-03 | 11 | MOPL0330-08 |
| 7 | MOPL0330-04 | 12 | MOPL0330-09 |
| 8 | MOPL0330-05 | L | |

Proximal Femur

Hook Plate 4.5

- $\rightarrow\,$ Fixation with 4.5mm Cortex Screws.
- \rightarrow Shaft with DCP dynamic compression holes and slot for tension device.



| No. of Holes | Stainless Steel |
|--------------|-----------------|
| 6 | MOPL0331 |

Cobra Head Plate 4.5

- \rightarrow Shaft with DCP dynamic compression holes.
- → In the two shaft holes next to the head, two 4.5mm Cortex screws, length 68mm, are normally used.
- → Shaft with DCP dynamic compression holes. In the two shaft holes next to the head, two 4.5mm Cortex screws, length 68mm, are normally used.



| No. of Holes | Stainless Steel |
|--------------|-----------------|
| 8 | MOPL0410-01 |
| 9 | MOPL0410-02 |
| 10 | MOPL0410-03 |
| 11 | MOPL0410-04 |
| 12 | MOPL0410-05 |
| 13 | MOPL0410-06 |
| 14 | MOPL0410-07 |

Proximal Tibia

Spoon Plate 4.5

- → Spoon Plate 4.5. These plates are primarily indicated for pilon fractures that have extensive anterior crushing and provides good posture support.
- \rightarrow Spoon Plate 4.5s are designed to fit over anterior crest of tibia.
- → It should be bent pre-operative to accurately match the anatomy of the segment of bone to be fixed. An oval hole helps in temporary fixation of the plate prior to final adjustment and fixation.
- $\rightarrow\,$ Holes of the plate allow 4.5 mm cortical screws.
- \rightarrow Shaft with V-profile for the fixation on the frontal edge of the tibia. Fixation with 4.5mm Cortex screws.

| No. of Holes | Stainless Steel |
|--------------|-----------------|
| 5 | MOPL0332-01 |
| 6 | MOPL0332-02 |



T-Plate 4.5

- → T-Plate 4.5 is primarily indicated for medial tibial plateau. It is also used in the distal tibia, medial distal femur and proximal humerus fractures.
- \rightarrow It is designed to use in metaphyseal regions of bone.
- \rightarrow It is bent to accurately match the anatomy of the segment of bone to be fixed.
- \rightarrow The long oval hole is provided for temporary fixation of the plate prior to final adjustment.
- \rightarrow Holes of the plate allow 4.5 mm cortical screws.
- \rightarrow Shaft with round profile, for humeral and tibial head. Fixation with 4.5 & 6.5mm screws.



| No. of Holes | Stainless Steel |
|--------------|-----------------|
| 3 | MOPL0333-01 |
| 4 | MOPL0333-02 |
| 5 | MOPL0333-03 |
| 6 | MOPL0333-04 |
| 7 | MOPL0333-05 |
| 8 | MOPL0333-06 |
| 9 | MOPL0333-07 |
| 10 | MOPL0333-08 |
| 11 | MOPL0333-09 |
| 12 | MOPL0333-10 |
| 13 | MOPL0333-11 |
| 14 | MOPL0333-12 |

T-Buttress Plate 4.5

- \rightarrow T-Buttress Plate 4.5. These plates are indicated for the lateral plateau fracture of the tibia.
- \rightarrow It is designed to be used as a buttress plate in areas of thin metaphyseal cortical bone or to prevent the collapsing during the treatment of cancellous defects in that area.
- → Prior to the surgery the plate may be bent to accurately match the anatomy of the segment of bone to be fixed.
- \rightarrow The long oval hole is provided for temporary fixation of the plate prior to final adjustment and fixation.
- \rightarrow Holes of the plate allow 4.5 mm cortical screws.
- \rightarrow With double bend, as buttress for tibial head fractures. Fixation with 4.5mm & 6.5mm screws.



| No. of Holes | Stainless Steel |
|--------------|-----------------|
| 4 | MOPL0334-01 |
| 5 | MOPL0334-02 |
| 6 | MOPL0334-03 |
| 7 | MOPL0334-04 |
| 8 | MOPL0334-05 |
| 9 | MOPL0334-06 |
| 10 | MOPL0334-07 |
| 11 | MOPL0334-08 |
| 12 | MOPL0334-09 |
| 13 | MOPL0334-10 |
| 14 | MOPL0334-11 |

L-buttress Plate Right, Left Angled 4.5

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



| No. of Holes | Stainless Steel |
|--------------|-----------------|
| 3 | MOPL0335-01 |
| 4 | MOPL0335-02 |
| 5 | MOPL0335-03 |
| 6 | MOPL0335-04 |
| 7 | MOPL0335-05 |
| 8 | MOPL0335-06 |

| No. of Holes | Stainless Steel |
|--------------|-----------------|
| 9 | MOPL0335-07 |
| 10 | MOPL0335-08 |
| 11 | MOPL0335-09 |
| 12 | MOPL0335-10 |
| 13 | MOPL0335-11 |
| 14 | MOPL0335-12 |

L-buttress Plate Left, Right Angled 4.5

→ With double bend, as buttress for tibial and humeral head fractures. Right angled for Left leg.



| No. of Holes | Stainless Steel | No. of Holes | Stainless Steel |
|--------------|-----------------|--------------|-----------------|
| 3 | MOPL0336-01 | 9 | MOPL0336-07 |
| 4 | MOPL0336-02 | 10 | MOPL0336-08 |
| 5 | MOPL0336-03 | 11 | MOPL0336-09 |
| 6 | MOPL0336-04 | 12 | MOPL0336-10 |
| 7 | MOPL0336-05 | 13 | MOPL0336-11 |
| 8 | MOPL0336-06 | 14 | MOPL0336-12 |

Proximal Lateral Tibial Plate

- → Proximal Lateral Tibial Plate. These plates are indicated for metaphyseal, extra and intra articular fractures of the proximal tibia.
- \rightarrow Anatomically designed plate fits over proximal tibia from lateral side.
- \rightarrow These plates are designed separately for both right and left tibia and are available in a variety of lengths.
- \rightarrow All holes of the plate allow 4.5 mm cortical screws.



Left Plate - Titanium

Right Plate - Titanium

| STAINLESS STEEL | | |
|-----------------|--------------|--------------|
| No. of Holes | Left | Right |
| 3 | MOPL0337-01L | MOPL0337-01R |
| 5 | MOPL0337-02L | MOPL0337-02R |
| 7 | MOPL0337-03L | MOPL0337-03R |
| 9 | MOPL0337-04L | MOPL0337-04R |
| 11 | MOPL0337-05L | MOPL0337-05R |
| 13 | MOPL0337-06L | MOPL0337-06R |

Lateral Tibial Head Buttress Plate 4.5 Left & Right

- → Lateral Tibial Head Buttress Plate 4.5. These plates are indicated for treating shaft fractures, metaphyseal fractures, intra-articular and periprosthetic fractures of proximal tibia.
- → Anatomically designed plate fits over proximal tibia from lateral side.
- → These plates are designed separately for both right and left tibia and are available in a variety of lengths.
- \rightarrow All holes of the plate allow 4.5 mm cortical screws.
- → With double bend, as buttress for tibial and humeral head fractures. Left angled for right leg.



| STAINLESS STEEL | | |
|-----------------|--------------|--------------|
| No. of Holes | Left | Right |
| 5 | MOPL0338-01L | MOPL0338-01R |
| 7 | MOPL0338-02L | MOPL0338-02R |
| 9 | MOPL0338-03L | MOPL0338-03R |
| 11 | MOPL0338-04L | MOPL0338-04R |
| 13 | MOPL0338-05L | MOPL0338-05R |

Lateral Tibial Head Buttress Plate LC-DCP 4.5 Left & Right

- → Lateral Tibial Head Buttress Plate 4.5. These plates are indicated for treating shaft fractures, metaphyseal fracture, intra-articular and periprosthetic fractures of proximal tibia.
- Anatomically designed plate fits over proximal tibia from lateral side. \rightarrow
- These plates are designed separately for both right and left tibia and are available in a variety of lengths. \rightarrow
- Low Contact plate design reduces the plate and bone contact, this feature reduces vascular trauma. \rightarrow
- All holes of the plate allow 4.5 mm cortical screws. \rightarrow



Left Plate - Titanium

Right Plate - Titanium

| STAINLESS STEEL | | |
|-----------------|--------------|--------------|
| No. of Holes | Left | Right |
| 5 | MOPL0339-01L | MOPL0339-01R |
| 7 | MOPL0339-02L | MOPL0339-02R |
| 9 | MOPL0339-03L | MOPL0339-03R |
| 11 | MOPL0339-04L | MOPL0339-04R |
| 13 | MOPL0339-05L | MOPL0339-05R |

Distal Femur

Condylar Buttress Plate 4.5

13

15

 \rightarrow As buttress for the femoral condyles with multiple fragment fractures.

| Left Plate - Titanium Right Plate - Titanium | | |
|--|-----------------|--------------|
| | STAINLESS STEEL | |
| No. of Holes | Left | Right |
| 7 | MOPL0340-01L | MOPL0340-01R |
| 9 | MOPL0340-02L | MOPL0340-02R |
| 11 | MOPL0340-03L | MOPL0340-03R |
| 12 | MOPL0340-04L | MOPL0340-04R |

MOPL0340-05L

MOPL0340-06L

Condylar Buttress Plate LC Cuts 4.5 - Left & Right Leg

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





MOPL0340-05R

MOPL0340-06R

Right Plate - Titanium

| STAINLESS STEEL | | |
|-----------------|--------------|--------------|
| No. of Holes | Left | Right |
| 7 | MOPL0341-01L | MOPL0341-01R |
| 9 | MOPL0341-02L | MOPL0341-02R |
| 11 | MOPL0341-03L | MOPL0341-03R |
| 12 | MOPL0341-04L | MOPL0341-04R |
| 13 | MOPL0341-05L | MOPL0341-05R |
| 15 | MOPL0341-06L | MOPL0341-06R |

15

Reconstruction Plate 4.5

Reconstruction Plate 4.5, Straight

- → 4.5mm Reconstruction Plate Straight. These plates are primarily indicated for reconstruction of the pelvis. It is also indicated for condylar, metaphyseal or diaphyseal fractures of small and long bones.
- $\rightarrow~$ The side cuts of these plates allow three dimensional contouring.
- \rightarrow All holes of the plate allow 4.5 mm cortical screws.



| No. of Holes | Stainless Steel | No. of Holes | Stainless Steel |
|--------------|-----------------|--------------|-----------------|
| 3 | MOPL0342-01 | 12 | MOPL0342-10 |
| 4 | MOPL0342-02 | 13 | MOPL0342-11 |
| 5 | MOPL0342-03 | 14 | MOPL0342-12 |
| 6 | MOPL0342-04 | 15 | MOPL0342-13 |
| 7 | MOPL0342-05 | 16 | MOPL0342-14 |
| 8 | MOPL0342-06 | 17 | MOPL0342-15 |
| 9 | MOPL0342-07 | 18 | MOPL0342-16 |
| 10 | MOPL0342-08 | 20 | MOPL0342-17 |
| 11 | MOPL0342-09 | 22 | MOPL0342-18 |

Pelvis Plate

Pelvis Plate



| No. of Holes | Stainless Steel |
|--------------|-----------------|
| 4 | MOPL0343-01 |
| 6 | MOPL0343-02 |

Distal Tibial 4.5

Distal Tibial Plate

- → Distal Tibial Plate is indicated for temporary internal fixation and stabilization of osteotomies and fractures, including Comminuted fractures, Supracondylar fractures, Intra-articular and extra-articular condylar fractures, Fractures in osteopenic bone, Nonunions and Malunions.
- \rightarrow The anatomical shape of the plates matches the shape of the distal tibia.
- \rightarrow These plates are designed separately for both right and left tibia and are available in a variety of lengths.
- \rightarrow All holes of the plate allow 4.5 mm cortical screws.





Left Plate - Titanium

Right Plate - Titanium

| STAINLESS STEEL | | |
|-----------------|--------------|--------------|
| No. of Holes | Left | Right |
| 3 | MOPL0344-01L | MOPL0344-01R |
| 5 | MOPL0344-02L | MOPL0344-02R |
| 7 | MOPL0344-03L | MOPL0344-03R |
| 9 | MOPL0344-04L | MOPL0344-04R |
| 11 | MOPL0344-05L | MOPL0344-05R |
| 13 | MOPL0344-06L | MOPL0344-06R |

SCREWS / WASHER

Cortex Screw Ø 4.5mm

- → Cortex Screw Ø 4.5mm. These screws are used for interfragmental compression with large fragment bone plates and are used in hard cortical bones.
- \rightarrow Larger core dia of the screw provides strength and spherical undersurface of the head facilitates compression.
- \rightarrow Drill Bit : 3.2mm



| | Code | |
|--------------|-----------------|----------------|
| Length in mm | Stainless Steel | Titanium |
| 12 | MOPL0345-01 | Ti-MOPL0345-01 |
| 14 | MOPL0345-02 | Ti-MOPL0345-02 |
| 16 | MOPL0345-03 | Ti-MOPL0345-03 |
| 18 | MOPL0345-04 | Ti-MOPL0345-04 |
| 20 | MOPL0345-05 | Ti-MOPL0345-05 |
| 22 | MOPL0345-06 | Ti-MOPL0345-06 |
| 24 | MOPL0345-07 | Ti-MOPL0345-07 |
| 26 | MOPL0345-08 | Ti-MOPL0345-08 |
| 28 | MOPL0345-09 | Ti-MOPL0345-09 |
| 30 | MOPL0345-10 | Ti-MOPL0345-10 |
| 32 | MOPL0345-11 | Ti-MOPL0345-11 |
| 34 | MOPL0345-12 | Ti-MOPL0345-13 |
| 36 | MOPL0345-14 | Ti-MOPL0345-14 |
| 38 | MOPL0345-15 | Ti-MOPL0345-15 |
| 40 | MOPL0345-16 | Ti-MOPL0345-16 |
| 42 | MOPL0345-17 | Ti-MOPL0345-17 |
| 44 | MOPL0345-18 | Ti-MOPL0345-18 |
| 46 | MOPL0345-19 | Ti-MOPL0345-19 |
| 48 | MOPL0345-20 | Ti-MOPL0345-20 |

| 50 | MOPL0345-21 | Ti-MOPL0345-21 |
|----|-------------|----------------|
| 52 | MOPL0345-22 | Ti-MOPL0345-22 |
| 54 | MOPL0345-23 | Ti-MOPL0345-23 |
| 56 | MOPL0345-24 | Ti-MOPL0345-24 |
| 58 | MOPL0345-25 | Ti-MOPL0345-25 |
| 60 | MOPL0345-26 | Ti-MOPL0345-26 |
| 62 | MOPL0345-27 | Ti-MOPL0345-27 |
| 64 | MOPL0345-28 | Ti-MOPL0345-28 |
| 66 | MOPL0345-29 | Ti-MOPL0345-29 |
| 68 | MOPL0345-30 | Ti-MOPL0345-30 |
| 70 | MOPL0345-31 | Ti-MOPL0345-31 |
| 72 | MOPL0345-32 | Ti-MOPL0345-32 |
| 74 | MOPL0345-33 | Ti-MOPL0345-33 |
| 76 | MOPL0345-34 | Ti-MOPL0345-34 |
| 78 | MOPL0345-35 | Ti-MOPL0345-35 |
| 80 | MOPL0345-36 | Ti-MOPL0345-36 |

Cortex Screw Ø **4.5mm** - **Self Tapping**

- → Cortex Screw Ø 4.5mm Self Tapping used in the cortical regions of the bone with large fragment plates.
- → Larger core dia of the screw provides strength and spherical under surface for better compression.
- \rightarrow Self Tapping feature eliminates the use of bone tap.
- \rightarrow Drill Bit : 3.2mm



| | Code | |
|--------------|-----------------|----------------|
| Length in mm | Stainless Steel | Titanium |
| 12 | MOPL0346-01 | Ti-MOPL0346-01 |
| 14 | MOPL0346-02 | Ti-MOPL0346-02 |
| 16 | MOPL0346-03 | Ti-MOPL0346-03 |

| 18 | MOPL0346-04 | Ti-MOPL0346-04 |
|----|-------------|----------------|
| 20 | MOPL0346-05 | Ti-MOPL0346-05 |
| 22 | MOPL0346-06 | Ti-MOPL0346-06 |
| 24 | MOPL0346-07 | Ti-MOPL0346-07 |
| 26 | MOPL0346-08 | Ti-MOPL0346-08 |
| 28 | MOPL0346-09 | Ti-MOPL0346-09 |
| 30 | MOPL0346-10 | Ti-MOPL0346-10 |
| 32 | MOPL0346-11 | Ti-MOPL0346-11 |
| 34 | MOPL0346-12 | Ti-MOPL0346-13 |
| 36 | MOPL0346-14 | Ti-MOPL0346-14 |
| 38 | MOPL0346-15 | Ti-MOPL0346-15 |
| 40 | MOPL0346-16 | Ti-MOPL0346-16 |
| 42 | MOPL0346-17 | Ti-MOPL0346-17 |
| 44 | MOPL0346-18 | Ti-MOPL0346-18 |
| 46 | MOPL0346-19 | Ti-MOPL0346-19 |
| 48 | MOPL0346-20 | Ti-MOPL0346-20 |
| 50 | MOPL0346-21 | Ti-MOPL0346-21 |
| 52 | MOPL0346-22 | Ti-MOPL0346-22 |
| 54 | MOPL0346-23 | Ti-MOPL0346-23 |
| 56 | MOPL0346-24 | Ti-MOPL0346-24 |
| 58 | MOPL0346-25 | Ti-MOPL0346-25 |
| 60 | MOPL0346-26 | Ti-MOPL0346-26 |
| 62 | MOPL0346-27 | Ti-MOPL0346-27 |
| 64 | MOPL0346-28 | Ti-MOPL0346-28 |
| 66 | MOPL0346-29 | Ti-MOPL0346-29 |
| 68 | MOPL0346-30 | Ti-MOPL0346-30 |
| 70 | MOPL0346-31 | Ti-MOPL0346-31 |
| 72 | MOPL0346-32 | Ti-MOPL0346-32 |
| 74 | MOPL0346-33 | Ti-MOPL0346-33 |
| 76 | MOPL0346-34 | Ti-MOPL0346-34 |
| 78 | MOPL0346-35 | Ti-MOPL0346-35 |
| 80 | MOPL0346-36 | Ti-MOPL0346-36 |
| | | |

Shaft Screw Ø 4.5mm

- \rightarrow Drill Bit : 3.2mm
- \rightarrow Drill Bit for Gliding Hole: 4.5mm
- \rightarrow For LCDCP Plates



| Code | | | |
|--------------|---------------------|-----------------|----------------|
| Length in mm | Thread Length in mm | Stainless Steel | Titanium |
| 22 | 12 | MOPL0347-01 | Ti-MOPL0347-01 |
| 24 | 12 | MOPL0347-02 | Ti-MOPL0347-02 |
| 26 | 12 | MOPL0347-03 | Ti-MOPL0347-03 |
| 28 | 12 | MOPL0347-04 | Ti-MOPL0347-04 |
| 30 | 12 | MOPL0347-05 | Ti-MOPL0347-05 |
| 32 | 12 | MOPL0347-06 | Ti-MOPL0347-06 |
| 34 | 12 | MOPL0347-07 | Ti-MOPL0347-07 |
| 36 | 12 | MOPL0347-08 | Ti-MOPL0347-08 |
| 38 | 12 | MOPL0347-09 | Ti-MOPL0347-09 |
| 40 | 12 | MOPL0347-10 | Ti-MOPL0347-10 |
| 42 | 12 | MOPL0347-11 | Ti-MOPL0347-11 |
| 44 | 12 | MOPL0347-12 | Ti-MOPL0347-13 |
| 46 | 12 | MOPL0347-14 | Ti-MOPL0347-14 |
| 48 | 12 | MOPL0347-15 | Ti-MOPL0347-15 |
| 50 | 12 | MOPL0347-16 | Ti-MOPL0347-16 |
| 55 | 15 | MOPL0347-17 | Ti-MOPL0347-17 |

| 60 | 15 | MOPL0347-18 | Ti-MOPL0347-18 |
|-----|----|-------------|----------------|
| 65 | 18 | MOPL0347-19 | Ti-MOPL0347-19 |
| 70 | 18 | MOPL0347-20 | Ti-MOPL0347-20 |
| 75 | 18 | MOPL0347-21 | Ti-MOPL0347-21 |
| 80 | 18 | MOPL0347-22 | Ti-MOPL0347-22 |
| 85 | 22 | MOPL0347-23 | Ti-MOPL0347-23 |
| 90 | 22 | MOPL0347-24 | Ti-MOPL0347-24 |
| 95 | 26 | MOPL0347-25 | Ti-MOPL0347-25 |
| 100 | 26 | MOPL0347-26 | Ti-MOPL0347-26 |

Cancellous Bone Screw Ø **4.5mm Short Thread**

 \rightarrow Drill Bit : 3.2mm



| Code | | | |
|--------------|-----------------|----------------|--|
| Length in mm | Stainless Steel | Titanium | |
| 40 | MOPL0348-01 | Ti-MOPL0348-01 | |
| 45 | MOPL0348-02 | Ti-MOPL0348-02 | |
| 50 | MOPL0348-03 | Ti-MOPL0348-03 | |
| 55 | MOPL0348-04 | Ti-MOPL0348-04 | |
| 60 | MOPL0348-05 | Ti-MOPL0348-05 | |
| 65 | MOPL0348-06 | Ti-MOPL0348-06 | |
| 70 | MOPL0348-07 | Ti-MOPL0348-07 | |

| 75 | MOPL0348-08 | Ti-MOPL0348-08 |
|-----|-------------|----------------|
| 80 | MOPL0348-09 | Ti-MOPL0348-09 |
| 85 | MOPL0348-10 | Ti-MOPL0348-10 |
| 90 | MOPL0348-11 | Ti-MOPL0348-11 |
| 95 | MOPL0348-12 | Ti-MOPL0348-13 |
| 100 | MOPL0348-14 | Ti-MOPL0348-14 |
| 105 | MOPL0348-15 | Ti-MOPL0348-15 |
| 110 | MOPL0348-16 | Ti-MOPL0348-16 |
| 115 | MOPL0348-17 | Ti-MOPL0348-17 |
| 120 | MOPL0348-18 | Ti-MOPL0348-18 |

Cancellous Bone Screw Ø **4.5mm Full Thread**

| | Code | | |
|--|--------------|-----------------|----------------|
| 8mm 3.5mm | Length in mm | Stainless Steel | Titanium |
| | 40 | MOPL0349-01 | Ti-MOPL0349-01 |
| | 45 | MOPL0349-02 | Ti-MOPL0349-02 |
| _ | 50 | MOPL0349-03 | Ti-MOPL0349-03 |
| | 55 | MOPL0349-04 | Ti-MOPL0349-04 |
| | 60 | MOPL0349-05 | Ti-MOPL0349-05 |
| Thread Ø 4.5mm \longrightarrow \longrightarrow | 65 | MOPL0349-06 | Ti-MOPL0349-06 |
| ₹ | 70 | MOPL0349-07 | Ti-MOPL0349-07 |
| | 75 | MOPL0349-08 | Ti-MOPL0349-08 |
| | 80 | MOPL0349-09 | Ti-MOPL0349-09 |
| Core Ø 3.1mm | 85 | MOPL0349-10 | Ti-MOPL0349-10 |
| | 90 | MOPL0349-11 | Ti-MOPL0349-11 |
| | 95 | MOPL0349-12 | Ti-MOPL0349-13 |
| | 100 | MOPL0349-14 | Ti-MOPL0349-14 |
| | 105 | MOPL0349-15 | Ti-MOPL0349-15 |
| | 110 | MOPL0349-16 | Ti-MOPL0349-16 |
| | 115 | MOPL0349-17 | Ti-MOPL0349-17 |
| | 120 | MOPL0349-18 | Ti-MOPL0349-18 |

Cancellous Bone Screw Ø 6.5mm, 16mm Thread

- → 6.5mm Cancellous Bone Screw 16mm. Cancellous screws are widely used for fastening devices into metaphyseal and epiphyseal areas of bones. These have deeply cut and widely spaced threads to enhance the holding power of the screw in soft bones.
- \rightarrow The deep buttress thread enhance pull-out resistance in soft cancellous bone.
- \rightarrow Drill Bit : 3.2mm
- \rightarrow Drill Bit for Gliding Hole: 4.5mm



| Code | | | |
|--------------|-----------------|----------------|--|
| Length in mm | Stainless Steel | Titanium | |
| 25 | MOPL0350-01 | Ti-MOPL0350-01 | |
| 30 | MOPL0350-02 | Ti-MOPL0350-02 | |
| 35 | MOPL0350-03 | Ti-MOPL0350-03 | |
| 40 | MOPL0350-04 | Ti-MOPL0350-04 | |
| 45 | MOPL0350-05 | Ti-MOPL0350-05 | |
| 50 | MOPL0350-06 | Ti-MOPL0350-06 | |
| 55 | MOPL0350-07 | Ti-MOPL0350-07 | |
| 60 | MOPL0350-08 | Ti-MOPL0350-08 | |
| 65 | MOPL0350-09 | Ti-MOPL0350-09 | |
| 70 | MOPL0350-10 | Ti-MOPL0350-10 | |
| 75 | MOPL0350-11 | Ti-MOPL0350-11 | |
| 80 | MOPL0350-12 | Ti-MOPL0350-13 | |
| 85 | MOPL0350-14 | Ti-MOPL0350-14 | |
| 90 | MOPL0350-15 | Ti-MOPL0350-15 | |
| 95 | MOPL0350-16 | Ti-MOPL0350-16 | |
| 100 | MOPL0350-17 | Ti-MOPL0350-17 | |
| 105 | MOPL0350-18 | Ti-MOPL0350-18 | |
| 110 | MOPL0350-19 | Ti-MOPL0350-19 | |
| 115 | MOPL0350-20 | Ti-MOPL0350-20 | |
| 120 | MOPL0350-21 | Ti-MOPL0350-21 | |

Cancellous Bone Screw Ø 6.5mm, 32mm Thread

- → 6.5mm Cancellous Bone Screw 16mm. Cancellous screws are widely used for fastening devices into metaphyseal and epiphyseal areas of bones. These have deeply cut and widely spaced threads to enhance the holding power of the screw in soft bones.
- \rightarrow The deep buttress thread enhance pull-out resistance in soft cancellous bone.
- \rightarrow Drill Bit : 3.2mm
- \rightarrow Drill Bit for Gliding Hole: 4.5mm



| Code | | | |
|--------------|-----------------|----------------|--|
| Length in mm | Stainless Steel | Titanium | |
| 40 | MOPL0351-01 | Ti-MOPL0351-01 | |
| 45 | MOPL0351-02 | Ti-MOPL0351-02 | |
| 50 | MOPL0351-03 | Ti-MOPL0351-03 | |
| 55 | MOPL0351-04 | Ti-MOPL0351-04 | |
| 60 | MOPL0351-05 | Ti-MOPL0351-05 | |
| 65 | MOPL0351-06 | Ti-MOPL0351-06 | |
| 70 | MOPL0351-07 | Ti-MOPL0351-07 | |
| 75 | MOPL0351-08 | Ti-MOPL0351-08 | |
| 80 | MOPL0351-09 | Ti-MOPL0351-09 | |
| 85 | MOPL0351-10 | Ti-MOPL0351-10 | |
| 90 | MOPL0351-11 | Ti-MOPL0351-11 | |
| 95 | MOPL0351-12 | Ti-MOPL0351-13 | |
| 100 | MOPL0351-14 | Ti-MOPL0351-14 | |
| 105 | MOPL0351-15 | Ti-MOPL0351-15 | |
| 110 | MOPL0351-16 | Ti-MOPL0351-16 | |
| 115 | MOPL0351-17 | Ti-MOPL0351-17 | |
| 120 | MOPL0351-18 | Ti-MOPL0351-18 | |
| 110 | MOPL0351-19 | Ti-MOPL0351-19 | |
| 115 | MOPL0351-20 | Ti-MOPL0351-20 | |
| 120 | MOPL0351-21 | Ti-MOPL0351-21 | |



Cancellous Bone Screw Ø **6.5mm**, **Full Thread**

- → 6.5mm Cancellous Bone Screw 16mm. Cancellous screws are widely used for fastening devices into metaphyseal and epiphyseal areas of bones. These have deeply cut and widely spaced threads to enhance the holding power of the screw in soft bones.
- \rightarrow The deep buttress thread enhance pull-out resistance in soft cancellous bone.

 \rightarrow Drill Bit : 3.2mm

| Code | | | |
|--------------|-----------------|----------------|--|
| Length in mm | Stainless Steel | Titanium | |
| 25 | | | |
| | MOPL0352-01 | Ti-MOPL0352-01 | |
| 30 | MOPL0352-02 | Ti-MOPL0352-02 | |
| 35 | MOPL0352-03 | Ti-MOPL0352-03 | |
| 40 | MOPL0352-04 | Ti-MOPL0352-04 | |
| 45 | MOPL0352-05 | Ti-MOPL0352-05 | |
| 50 | MOPL0352-06 | Ti-MOPL0352-06 | |
| 55 | MOPL0352-07 | Ti-MOPL0352-07 | |
| 60 | MOPL0352-08 | Ti-MOPL0352-08 | |
| 65 | MOPL0352-09 | Ti-MOPL0352-09 | |
| 70 | MOPL0352-10 | Ti-MOPL0352-10 | |
| 75 | MOPL0352-11 | Ti-MOPL0352-11 | |
| 80 | MOPL0352-12 | Ti-MOPL0352-13 | |
| 85 | MOPL0352-14 | Ti-MOPL0352-14 | |
| 90 | MOPL0352-15 | Ti-MOPL0352-15 | |
| 95 | MOPL0352-16 | Ti-MOPL0352-16 | |
| 100 | MOPL0352-17 | Ti-MOPL0352-17 | |
| 105 | MOPL0352-18 | Ti-MOPL0352-18 | |
| 110 | MOPL0352-19 | Ti-MOPL0352-19 | |
| 115 | MOPL0352-20 | Ti-MOPL0352-20 | |
| 120 | MOPL0352-21 | Ti-MOPL0352-21 | |







| Contact: | +918448115377 |
|----------|---------------|
| | +917003006585 |

WhatsApp: +918697716553 +917602449449

www.madihaortho.com

Office: 542,4th floor, G.T. Road, Howrah-711101 (West Bengal, India)

