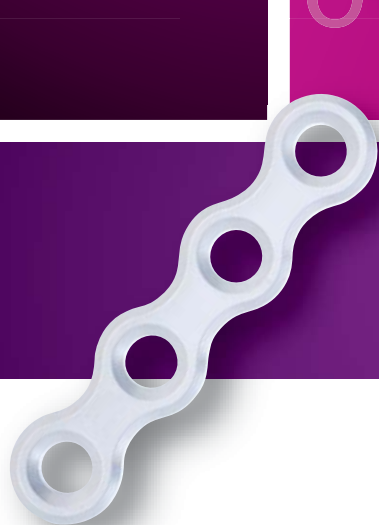


GUNZE

GRAND FIX™ is bioabsorbable bone fixation devices consist of poly-L-lactic acid (PLLA).

GRAND FIX™ is gradually degraded upon hydrolysis and absorbed in the human body.



CMF

For Oral,
Cranio-maxillofacial,
Plastic Surgery



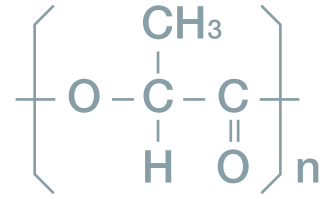
GRAND FIX™

Bioabsorbable Bone Fixation Devices

Characteristics

GRAND FIX™ is bioabsorbable bone fixation devices consist of poly-L-lactic acid (PLLA) .

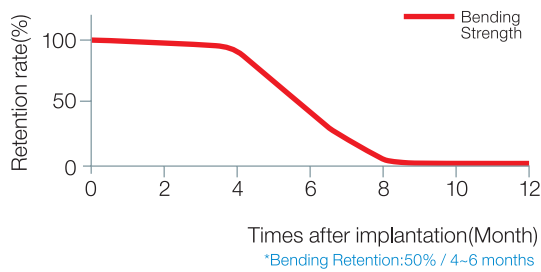
GRAND FIX™ is gradually degraded upon hydrolysis and absorbed in the human body.



Bioabsorbability

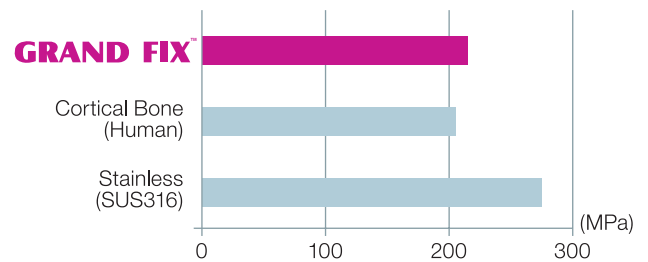
Bioabsorbability

Bending Strength Retention



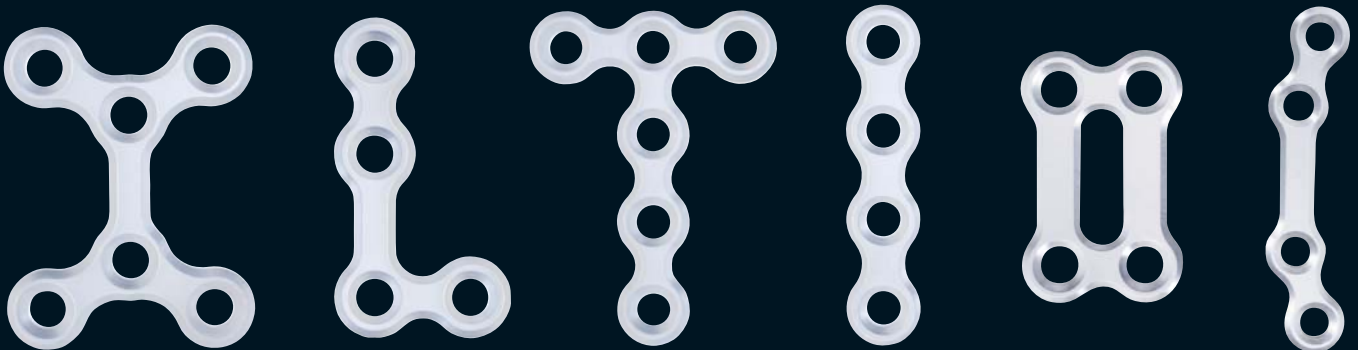
Strength

Bending Strength

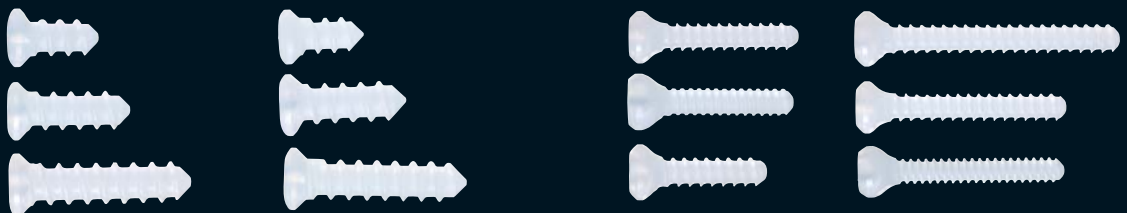


Product Variation

Plates



Screw



Mini Screw for Plates Locking

Cortical Screw (Full Thread Screw)

Instruction

1 Osteotomy

• Fixation of bone fragment in Rotational Acetabular Osteotomy

2 Osteosynthesis

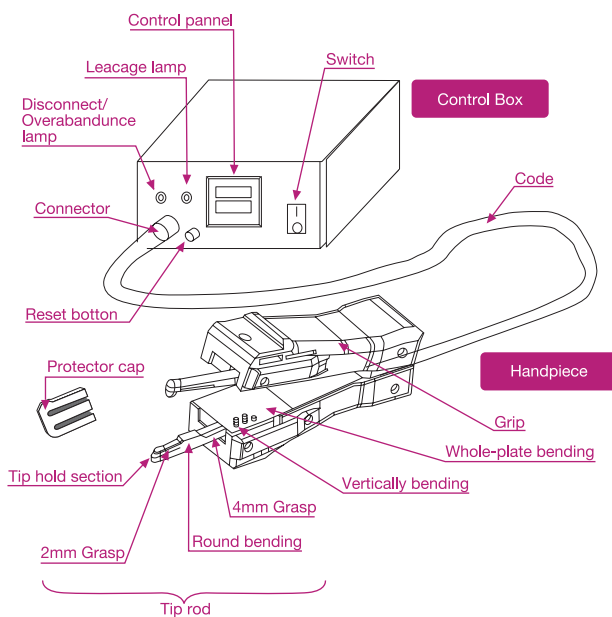
• Fixation of finger and toe fracture (shaft of small bone fracture)

3 Bone transplantation

• Fixation of transplanted bone in artificial joint replacement
• Fixation of transplanted bone to the defect after tumor excision

Bending smoothly by Heat Bender

prevention for backside of mini plate after operation.
⇒ prevention for shift of fixed bone after operation.



Special Instrument

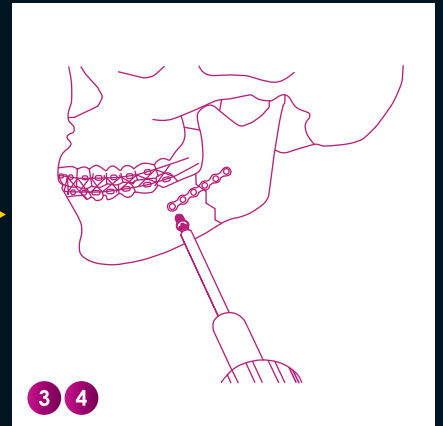
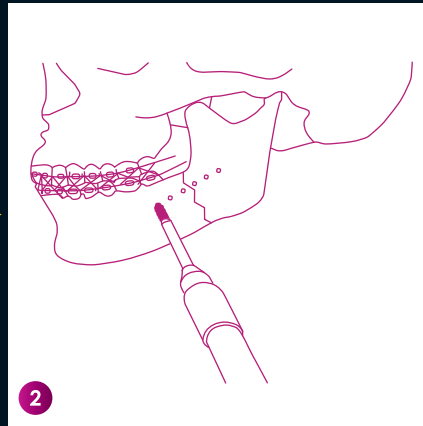
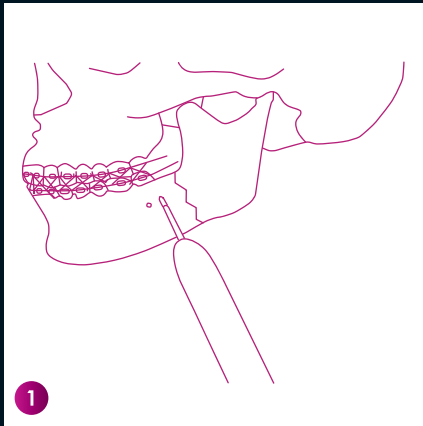
Mini plate

Thin plate



2 thin sizes we have, 1.5mm Mini plate and 1.0mm Thin plate

How to use

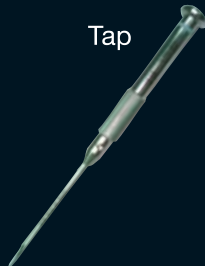


- 1 Repair the bone conpulae
- 2 Choose the plate, mold and counter sink, using special drill to enter the hole
- 3 Tapping and wash the foramen throughly
- 4 Twisting the miniscrew by special torque driver to fasten the plate

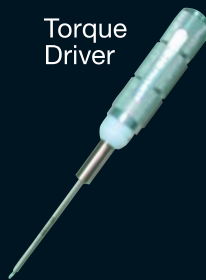
Exclusive Instruments for Screws



Drill



Tap



Torque Driver

Torque Tester,
Screw Stand
Heat Bender

Contact

2-10-4 Nihonbashi, Chuo-ku, TOKYO 1030027 Japan
GUNZE LIMITED Medical Division
PHONE 81-3-3276-8718 FAX 81-3-3276-8696
www.gunze.co.jp/e/medical/index.html

GUNZE

All rights of whole information including the sentence, pictures, chart, etc in this brochure are retained by GUNZE Medical Division. Unauthorized use, disclosure, or copying of those information or any part thereof is strictly prohibited may be unlawful.