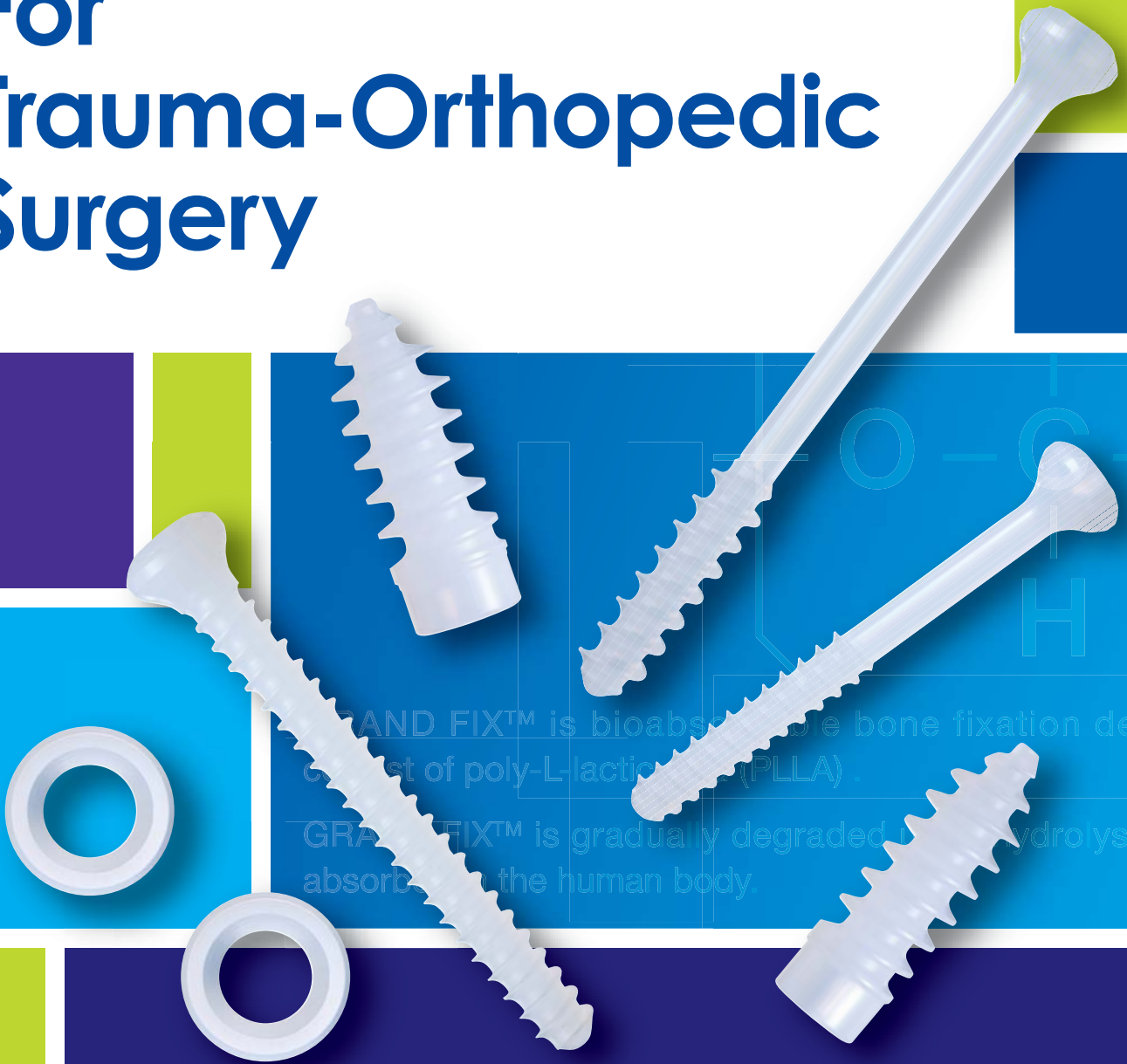


GUNZE

# For Trauma-Orthopedic Surgery



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

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

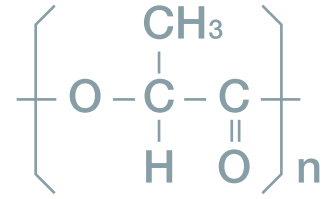
# GRAND FIX™

Bioabsorbable Bone Fixation Devices

# Characteristics

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

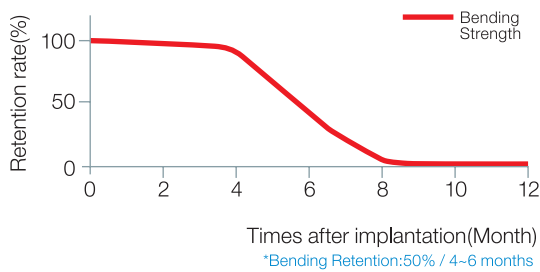
GRAND FIX™ is gradually degraded upon hydrolysis and absorbed in the human body.



## Bioabsorbability

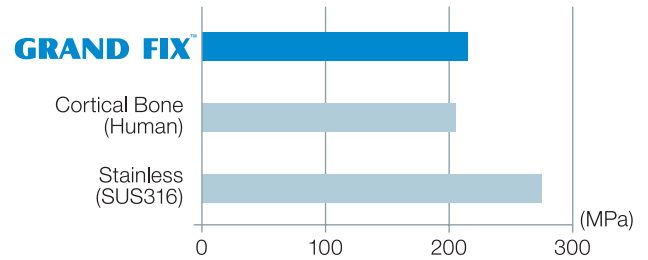
### Bioabsorbability

Bending Strength Retention



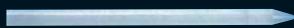
### Strength

Bending Strength

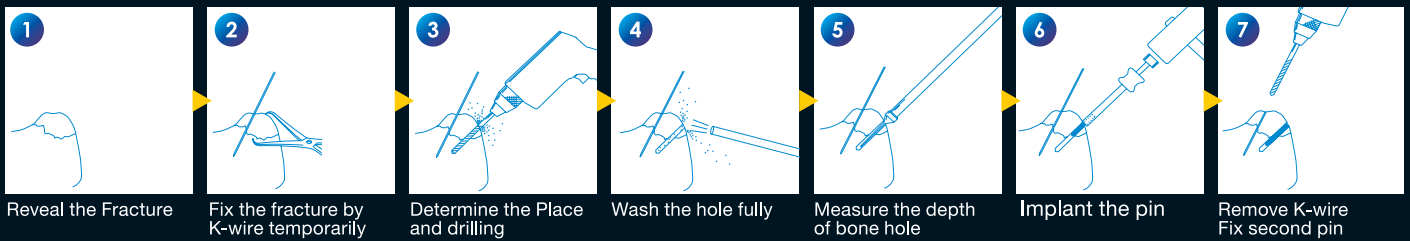


## Product Variation

### PIN



### Operational procedures and methods of Pins



### Exclusive Instruments for Pin

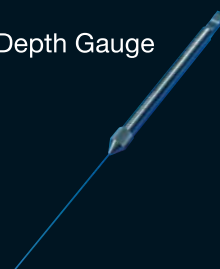
Pin Pusher



Drill (1.5mm~4.5mm)



Depth Gauge



## Instruction

### 1 Osteosynthesis

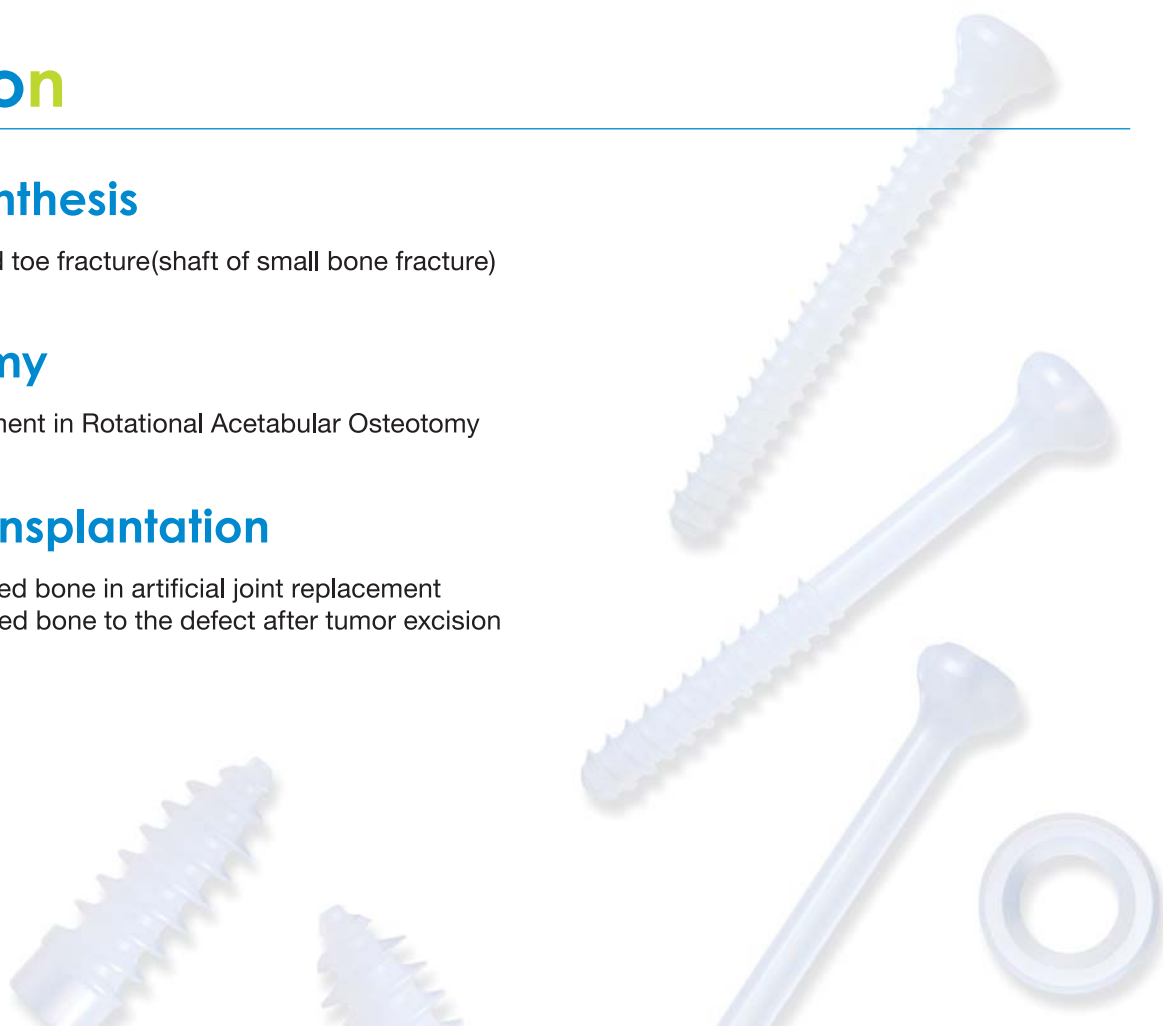
• Fixation of finger and toe fracture (shaft of small bone fracture)

### 2 Osteotomy

• Fixation of bone fragment in Rotational Acetabular Osteotomy

### 3 Bone transplantation

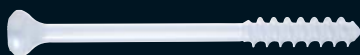
• Fixation of transplanted bone in artificial joint replacement  
 • Fixation of transplanted bone to the defect after tumor excision



## Screw



Malleolar Screw  
(for malleolar bone)



Cancellous Screw  
(for cancellous bone)

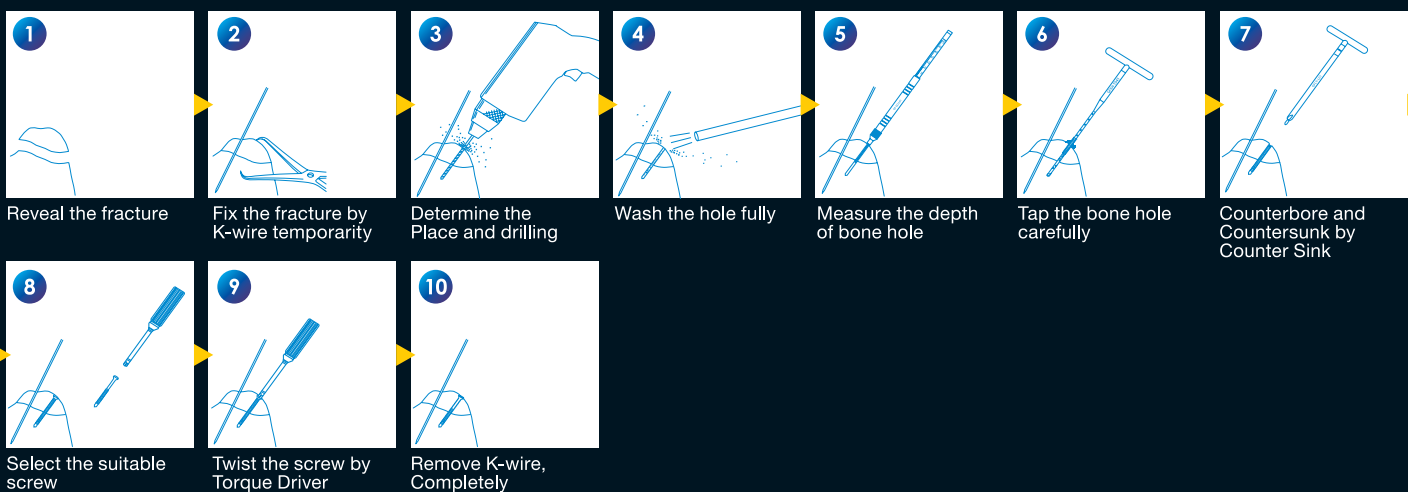


Cortical Screw  
(Full thread screw)

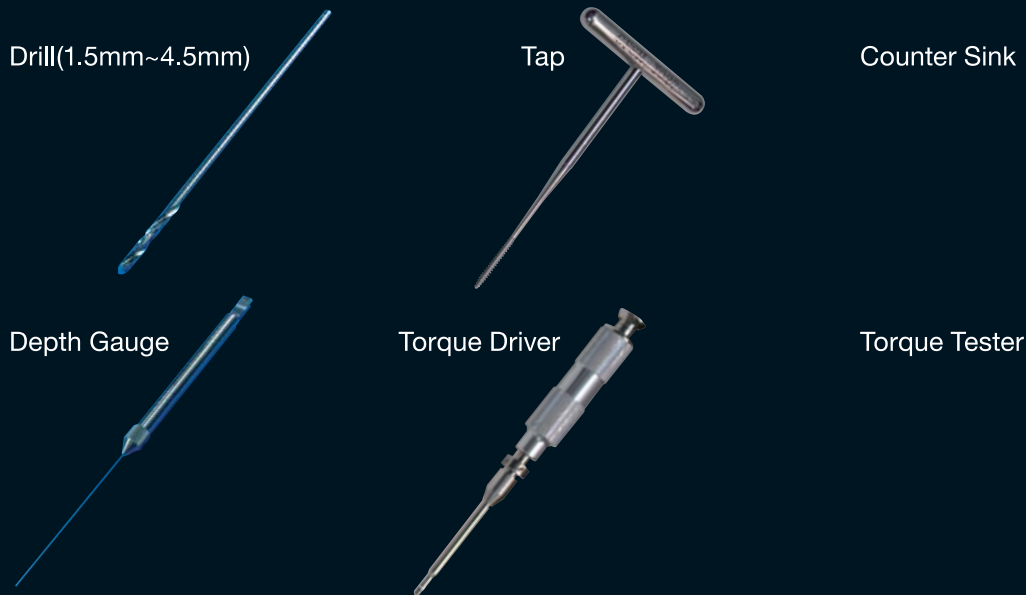


Washer

## Operational procedures and methods of Screws



## Exclusive Instruments for Screws



## ACL Screw



Pro No.	Diameter	Total Length
ACL-80025	8.0mm	25mm
ACL-90025	9.0mm	25mm



PLLA Interference screw for joint surgery Exclusive Instruments as driver and tap are available

## Contact

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[www.gunze.co.jp/e/medical/index.html](http://www.gunze.co.jp/e/medical/index.html)

# GUNZE

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