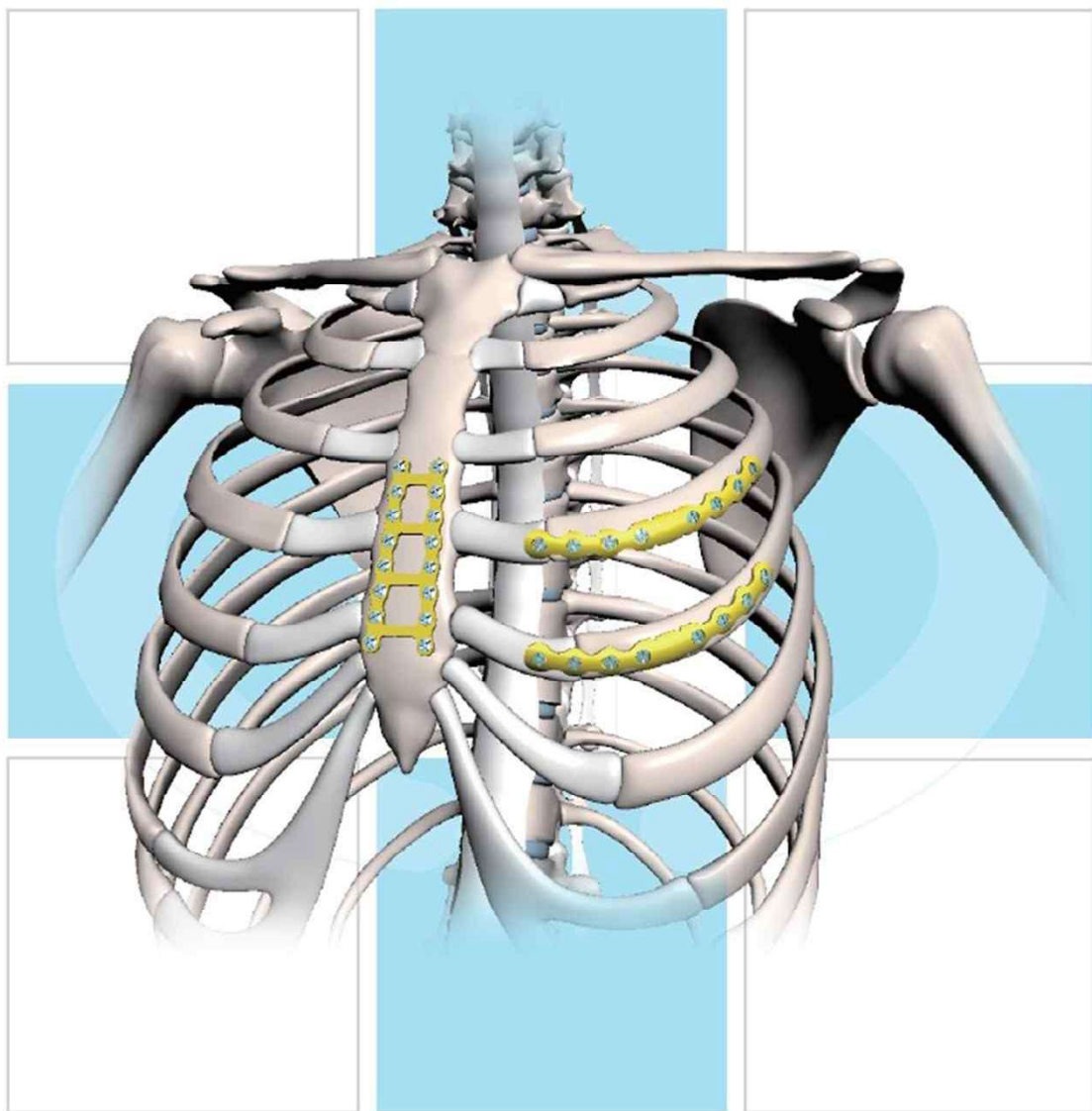


PRIME RIB

CHEST WALL RECONSTRUCTION SYSTEM



Variable Locking Rib Plate

Description

Description	Size	Cat. No
Variable Locking Rib Plate	6H	PRP-006
Variable Locking Rib Plate	8H	PRP-008



Variable Locking Rib Universal Plate

Description

Description	Size	Cat. No
Variable Locking Rib Universal Plate	4H	PRP-104
Variable Locking Rib Universal Plate	6H	PRP-106
Variable Locking Rib Universal Plate	8H	PRP-108
Variable Locking Rib Universal Plate	10H	PRP-110



Variable Locking Rib Curved Plate

Description

Description	Size	Cat. No
Variable Locking Rib Curved Plate	6H	PRP-206
Variable Locking Rib Curved Plate	8H	PRP-208
Variable Locking Rib Curved Plate	10H	PRP-210



Variable Locking Ladder Plate

Description

Description	Size	Cat. No
Variable Locking Ladder Plate	16H	PRP-316



2.5mm Locking Screw, Cross Fit

Description

Description	Size	Cat. No
2.5mm Locking Screw, Cross Fit	8mm	PRS-008
2.5mm Locking Screw, Cross Fit	10mm	PRS-010
2.5mm Locking Screw, Cross Fit	12mm	PRS-012
2.5mm Locking Screw, Cross Fit	14mm	PRS-014
2.5mm Locking Screw, Cross Fit	16mm	PRS-016
2.5mm Locking Screw, Cross Fit	18mm	PRS-018
2.5mm Locking Screw, Cross Fit	20mm	PRS-020



2.7mm Locking Screw, Cross Fit, Emergency

Description

Description	Size	Cat. No
2.7mm Locking Screw, Cross Fit, Emergency	8mm	PRS-108
2.7mm Locking Screw, Cross Fit, Emergency	10mm	PRS-110
2.7mm Locking Screw, Cross Fit, Emergency	12mm	PRS-112
2.7mm Locking Screw, Cross Fit, Emergency	14mm	PRS-114
2.7mm Locking Screw, Cross Fit, Emergency	16mm	PRS-116
2.7mm Locking Screw, Cross Fit, Emergency	18mm	PRS-118
2.7mm Locking Screw, Cross Fit, Emergency	20mm	PRS-120



Instruments

Cat. No	Description	Size	Image
901-31020	Drill Bit, AO Chuck	Ø2.0x130mm	
901-04020	Depth Gauge	1.5/2.0mm	
902-02001	Screw Driver Handle		
901-01020	Drill Bit	Ø2.0x85mm	
901-13020	Locking Drill Sleeve, Single Handle	Ø2.0mm	
901-10171	Plate Positioning Pin	Ø2.5mm	
901-13007	Torque Limit Handle	0.6Nm/Small Chuck	
901-04225	Califer		
901-08001	Holding Forcep	All Size	
902-06120	Screw Driver Shaft, AO Chuck, Cross Fit		
902-06220	Screw Driver Shaft, Cross Fit		
902-05001	Plate Bending Plier, Flat		
901-99056	Container for Rib Plate & Screw System		

Variable Locking Rib System

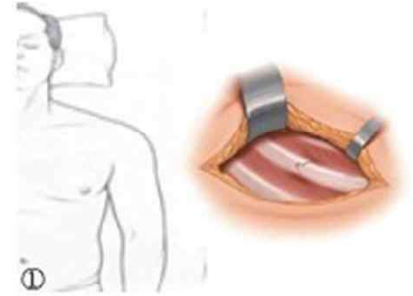
***All Patient Position and Surgical Approach are the same with Variable Rib Plate.**

The decision regarding where to make an incision and its length are subject to surgeon preference.

Patient Positioning

Position the patient with the arm tucked along the side.

Avoid placing arms 90° on arm boards, as this makes chest closure more difficult.



Surgical Approach

Expose the rib to allow a minimum of three screws on each side of the fracture.

Plate Placement

The proper size of plate will be selected from in the system.

And if the plate positioning is selected, place the plate on the bone or in order to have stable placement of plate.

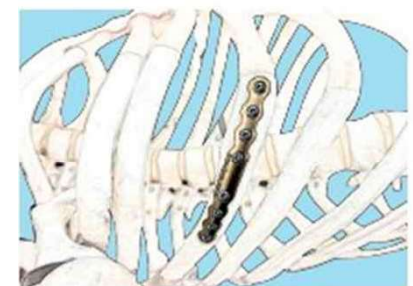


Insert the correct screw for the plate using the screw driver.
Use a 2.5mm screw and 2.7mm screw.

A threaded product compatible with the rib plate is self-piercing.
No need to drill.



An intraoperative radiograph is recommended to check the position of the screws and the final reduction of the fracture.



■ GENERAL INFORMATION :

The Plates and Screw system consists of a family of flat and contoured plates and screw that make up the Mini and Mid Locking Plate and Screw System and the Small Locking Plate and Screw System. The Plates are constructed from Titanium alloy(Ti-6Al-4V) or pure Titanium (Ti) and come in a variety of configurations. The Plates are intended to be used with solid locking and non-locking low profile screw. The screws are constructed from titanium alloy (Ti-6Al-4V) and are available as threaded locking screw, cortical or cancellous from 1.5mm to 4.0mm in diameter and range from 6mm to 70mm in length. Implant material specification : Titanium alloy (Ti-6Al-4V) or Pure Titanium (Ti).

■ WARNINGS AND PRECAUTIONS :

The implant is a single use device and must never be reused. Reuse of this device could result in failure of the device to perform as intended and could cause harm to the patient and/or user. Only a trained physician with knowledge of orthopedic procedures should use the device. Pre-operative and operating procedures, including knowledge of surgical techniques and proper selection and placement of the device, are important considerations in the successful utilization of this device. The patient must be aware of temporary limitations physical activity and danger of complications after procedure. In case of products that need bending during the procedure, forcedly, try to keep the bending at a minimal level, and do not straighten and do not straighten the bent product since the product could be damaged.

All metallic implant devices used for this surgical procedure should have the same metallurgical composition. Post-operatively, the patient must be warned that failure to follow doctors' instructions may cause the following : delay in bone union caused by overweight, reoperation due to bone union failure or graft damage, etc. Metallic implants can loosen, fracture, corrode, migrate, cause pain or stress shield bone even after a fracture is healed, particularly in young, active patients.

■ CONTRAINDICATIONS :

Do not use for surgeries other than those indicated. In case of material sensitivity, documented or suspected, appropriate tests should be performed for material suitability prior to implantation. Severe osteoporosis, compromised bone stock, insufficient or immature bone may not be suitable for use of this device. Any active or suspected latent infection, sepsis or marked local inflammation in or around the surgical area.

■ ADVERSE EFFECTS

The potential complications associated with the use of the Plate and Screw system may include

- * Infections, both deep and superficial
- * Pain or discomfort
- * Foreign body reactions
- * Loosening, bending, cracking or fracture of implant components
- * Loss of anatomic position with nonunion or malunion may occur