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Ø4.5/5.0mm Variable Lock Curved Condylar Plate

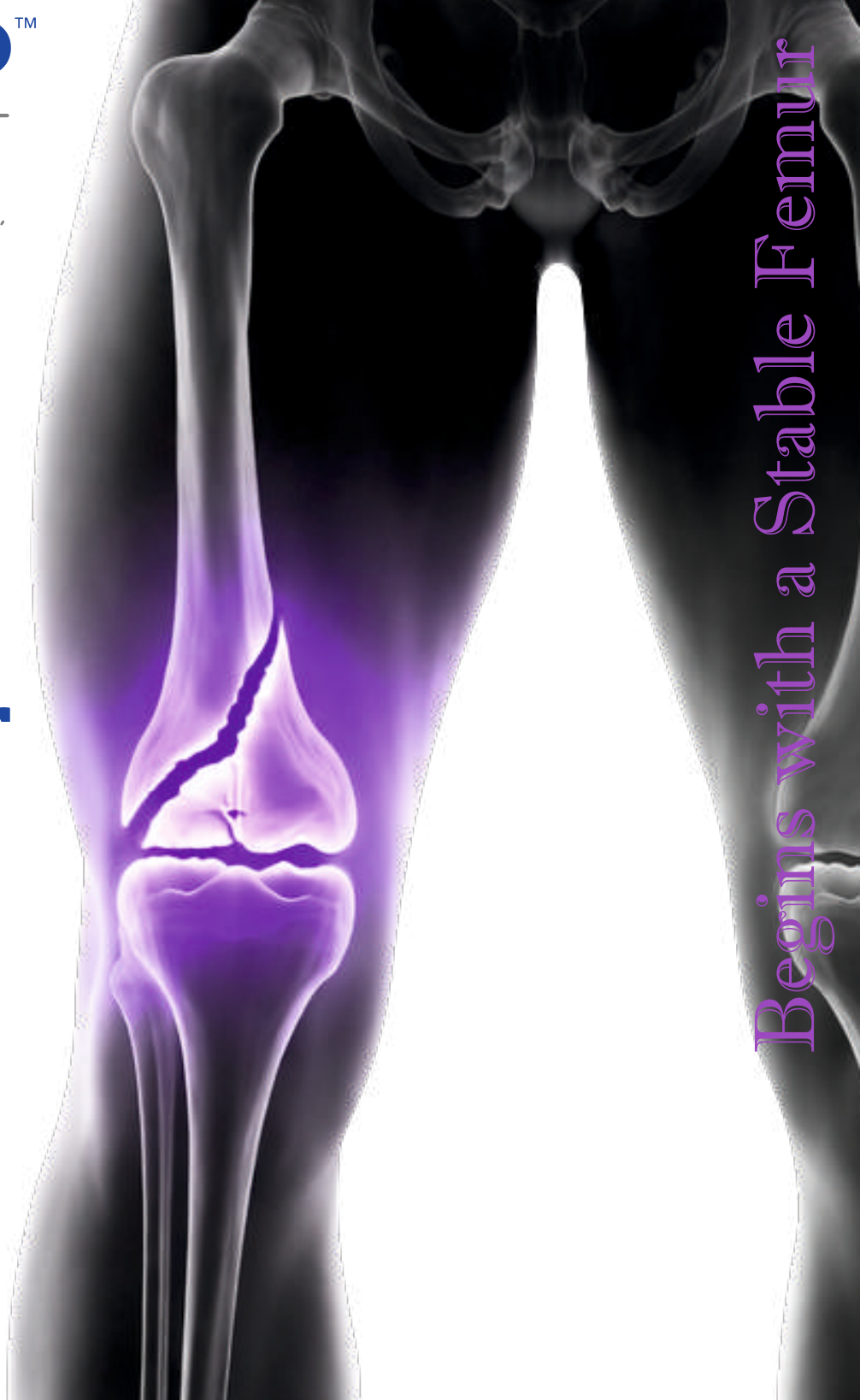
Engineered for Reliable **Distal Femur** Stabilization



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Femur



Begins with a Stable Femur





Ø4.5/5.0mm Variable Lock Curved Condylar Plate



Overview

The 4.5/5.0mm Variable Angle Locking Curved Condylar Plate is an advanced periarticular fixation system designed for the stabilization of fractures of the distal femur. It combines the principles of a locking compression plate (LCP) with variable angle locking technology to provide enhanced fixation flexibility and construct stability.

This system is intended to achieve anatomical alignment, angular stability, and reliable fixation, particularly in complex fracture patterns and in cases with compromised bone quality.



The plate is intended for fixation of fractures and osteotomies of the distal femur, including:

► **Distal Femoral Fractures**

Including supracondylar, intercondylar, and intra-articular fracture patterns.

► **Comminuted and Complex Fractures**

Fractures with multiple fragments requiring stable, multi-directional fixation.

► **Periprosthetic Fractures**

Fractures occurring around knee prostheses or existing implants.

► **Osteoporotic Bone**

Cases with reduced bone quality where angular stable fixation is advantageous.

► **Nonunion and Malunion**

Reconstruction and stabilization of previously unhealed or malaligned fractures.

► **Distal Femoral Osteotomies**

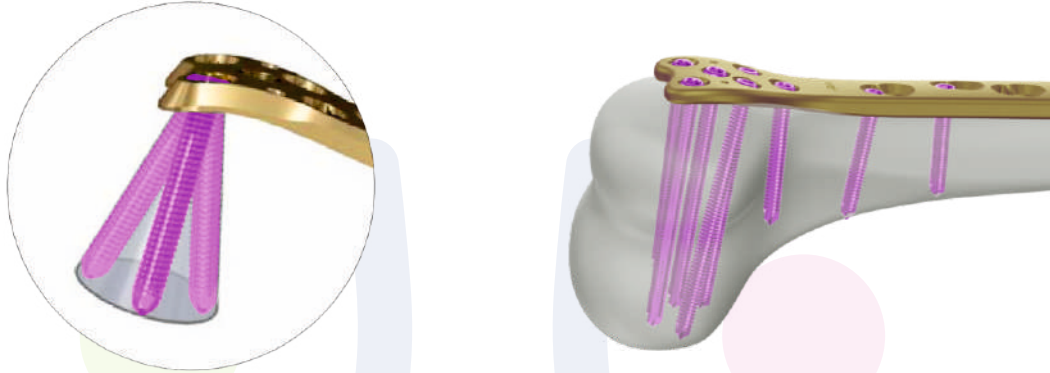
Fixation following corrective osteotomy procedures.





▶ Variable Angle Locking Mechanism

Allows insertion of locking screws within a defined angular range (approximately $\pm 15^\circ$), facilitating optimal screw trajectory and improved fragment capture.



▶ Angular Stable Construct

The threaded screw–plate interface provides a fixed-angle construct, enhancing stability, particularly in osteoporotic or compromised bone.



▶ Combination (Combi) Holes

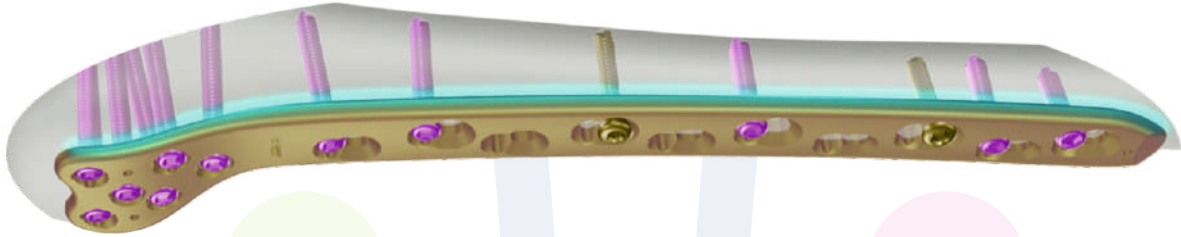
Plate holes are designed to accept both locking and non-locking screws, enabling either compression or angular stability within the same construct.





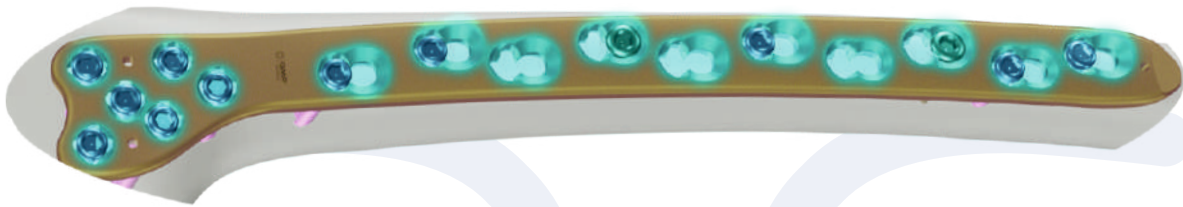
► Anatomically Contoured Design

Pre-contoured to match the distal femoral anatomy, reducing the need for intraoperative plate bending and improving implant fit.



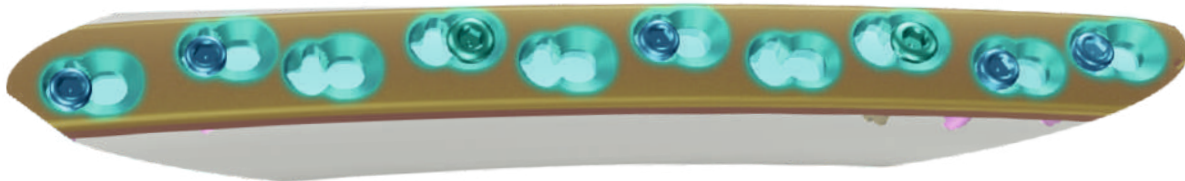
► Multiple Screw Options

Compatible with 4.5 mm cortical/locking screws and 5.0 mm variable angle locking screws, allowing versatile fixation strategies.



► Enhanced Distal Fixation

The distal portion of the plate accommodates multiple screws in different orientations to support fixation of complex articular and metaphyseal fragments.





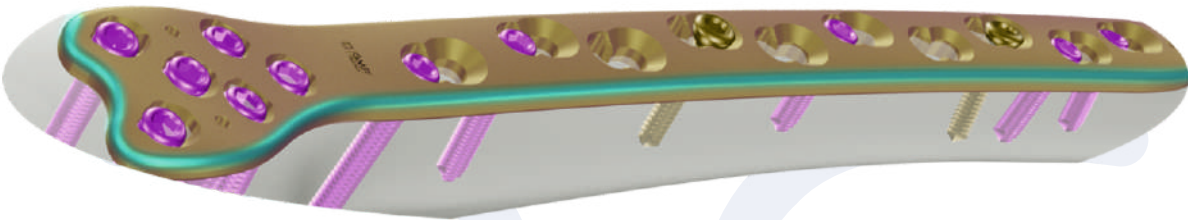
► Optimized Load Distribution

The locking construct functions as an internal fixator, promoting even load distribution and reducing the risk of screw loosening.



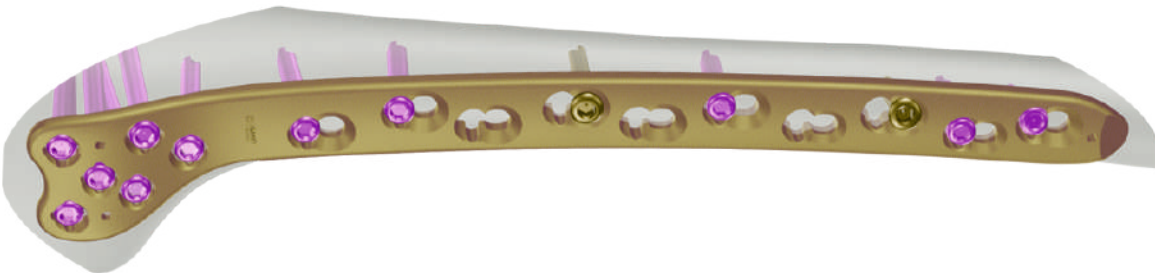
► Minimally Invasive Application

Designed to support minimally invasive plate osteosynthesis (MIPO) techniques, preserving soft tissue and periosteal blood supply.



► Titanium Alloy Construction

Manufactured from titanium alloy, offering high strength, corrosion resistance, and excellent biocompatibility.





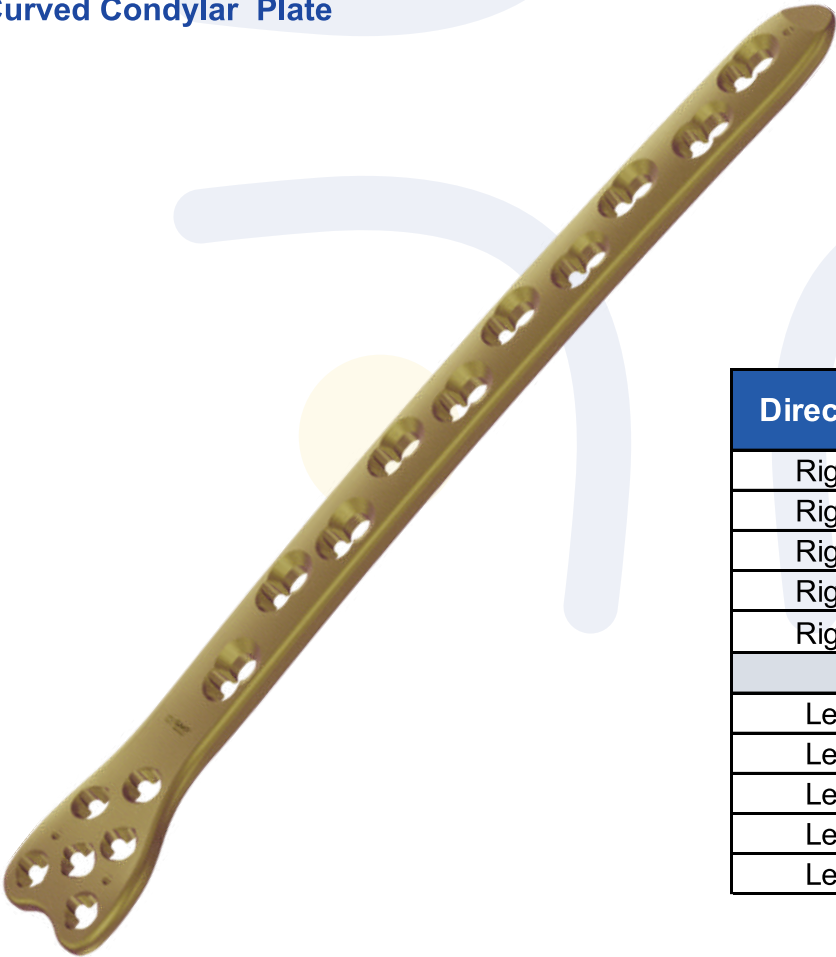
► Versatility in Complex Situations

Variable screw angulation allows placement around existing implants or prostheses and facilitates fixation in challenging fracture patterns.



Ordering Information

GMP564 - 4.5/5.0mm Variable Lock Curved Condylar Plate



Direction	Product code Titanium	Hole
Right	GMP564.20106	6
Right	GMP564.20108	8
Right	GMP564.20110	10
Right	GMP564.20112	12
Right	GMP564.20114	14
Left	GMP564.20206	6
Left	GMP564.20208	8
Left	GMP564.20210	10
Left	GMP564.20212	12
Left	GMP564.20214	14

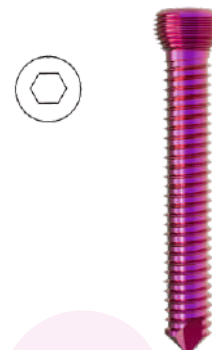


GMP231 - Ø4.5mm Cortex Hex Drive Screw



Product code Titanium	Length
GMP231.2014	14
GMP231.2016	16
GMP231.2018	18
GMP231.2020	20
GMP231.2022	22
GMP231.2024	24
GMP231.2026	26
GMP231.2028	28
GMP231.2030	30
GMP231.2032	32
GMP231.2034	34
GMP231.2036	36
GMP231.2038	38
GMP231.2040	40
GMP231.2042	42
GMP231.2044	44
GMP231.2046	46
GMP231.2048	48
GMP231.2050	50
GMP231.2052	52
GMP231.2054	54
GMP231.2056	56
GMP231.2058	58
GMP231.2060	60
GMP231.2065	65
GMP231.2070	70
GMP231.2075	75
GMP231.2080	80

GMP292 - Ø5.0mm Variable Angle Locking Hex Drive Screw



Product code Titanium	Length
GMP292.2020	20
GMP292.2022	22
GMP292.2024	24
GMP292.2026	26
GMP292.2028	28
GMP292.2030	30
GMP292.2032	32
GMP292.2034	34
GMP292.2036	36
GMP292.2038	38
GMP292.2040	40
GMP292.2042	42
GMP292.2044	44
GMP292.2046	46
GMP292.2048	48
GMP292.2050	50
GMP292.2055	55
GMP292.2060	60
GMP292.2065	65
GMP292.2070	70
GMP292.2075	75
GMP292.2080	80
GMP292.2085	85
GMP292.2090	90



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📍 Corporate Office : 407, Rudram Icon, Opp. Lambda House, Nr. Silver Oak Engineering College, S. G. Highway, Gota, Ahmedabad, Gujarat - 382481, INDIA.

📍 Mfg. Unit : D-3, Center Point Industrial Park, Gandhinagar-Visnagar Highway, Village- Kada, Visnagar, Gujarat - 384305, INDIA.

☎ +91 95109 53131, +91 95125 93131

✉ info@gmpmeditech.com

🌐 www.gmpmeditech.com

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