

LOKI Platinum Polyaxial Locking Plates



DESIGNED IN
FINLAND



mathemedix

Easy-to-use quality instruments and
implants for veterinary surgery

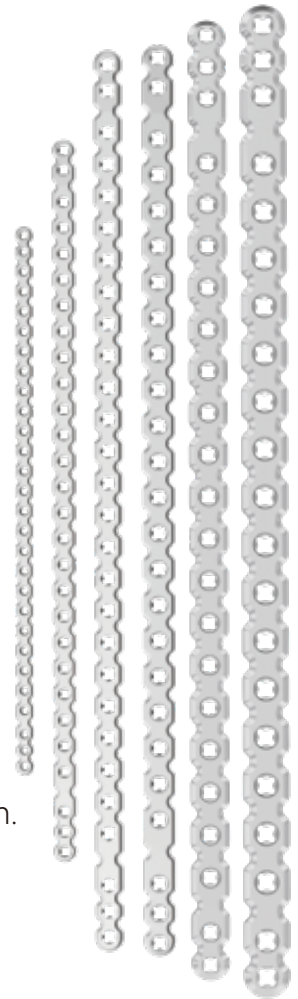
LOKI *In Nordic Mythology, Loki embodies the spirit of transformation and defiance, utilizing his shapeshifting abilities to execute his ingenious plans.*



LOKI Platinum Polyaxial Locking Plate

The Contourable Cuttable Polyaxial Locking Plate from Mathemedix. Drawing inspiration from this formidable figure, the LOKI represents Mathemedix's commitment to adaptability, versatility, and sustainability. Much like its namesake, the Loki system is designed to meet diverse clinical challenges through its exceptional contourability and the ability to seamlessly integrate locking and standard capabilities, all while offering the cost-effective advantage of being a cuttable implant.

Incorporating a range of sizes and lengths, the Loki System stands ready for applications in reconstruction and bridging in combination with other implants. From rod and plate to orthogonal and double plating, its clinical robustness, reliability, and perfect contourability have been proven through rigorous testing. Embracing the provocative connotations of its namesake, Loki also serves as a symbol of defiance against the established order, challenging the status quo and igniting the call for change and evolution.





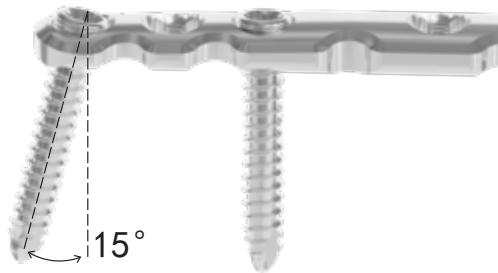
LOKI Platinum Polyaxial Locking Plate

Features:

- **Extreme Contourability and Adaptability** The LOKI Platinum offers remarkable contouring capabilities without compromising the integrity of the screw hole. With its innovative design, the implant allows for lateral bending of up to 15 degrees per notch, providing unparalleled flexibility in adapting to various anatomical locations. Moreover, the unique contouring feature enables successful application in challenging areas such as the pelvic and acetabular regions, proximal and distal femur, humeral condyle, distal humerus, distal tibia, malleoli, tarsus, and carpus. While it is possible to contour the LOKI with standard pliers and bending irons, we highly recommend utilizing the dedicated tools available in the system for optimal results.



- **Versatile Fixation Options** The LOKI Platinum features a versatile screw hole design that accommodates both standard non-locking screws and locking screws, providing flexibility in addressing diverse clinical scenarios. The screw hole design allows standard screws to be oriented in the hole by approximately 12° in every direction, while the locking screws have a fixed 90-degrees angle, also with polyaxial locking 15°. This adaptable configuration enables the plate to dynamically adjust to various clinical requirements, enhancing its versatility and applicability across a wide spectrum of orthopedic cases.





LOKI Platinum Polyaxial Locking Plate



Features:

- **Versatile and Cost-Effective Solution** The Loki Platinum stands out as a versatile solution, capable of addressing an extensive range of fractures and osteotomies that demand a robust and reliable bridging or neutralizing implant. From protection plate applications in neutralization modalities to partial tarsal arthrodesis, and from fractures of the pelvis and acetabulum to rod and plate applications, double plating, and orthogonal plating, the Loki Platinum offers a comprehensive and cost-effective orthopedic solution.
- **Customizable Length for Financial Convenience** The cuttable plates offer the advantage of minimizing the need for extensive stock, as each plate can be tailored to the required length based on the specific fracture and bone involved. This feature not only contributes to financial sustainability by reducing inventory requirements but also ensures that leftover portions are viable for other surgeries, thus maximizing the utility of the implant.
- By offering the capability for both locking and standard non-locking screws, the LOKI Platinum exemplifies adaptability and innovation, providing orthopedic practitioners with a comprehensive and customizable solution for addressing a broad range of orthopedic challenges in companion animals.
- By leveraging these advanced features, the LOKI Platinum sets a new standard in orthopedic implants for dogs and cats, providing unprecedented adaptability, financial sustainability, and versatility in addressing a broad spectrum of orthopedic conditions.



LOKI Platinum Polyaxial Locking Plate

LK154028

1.5mm Locking Plate

Width: 4.0mm

Thickness: 1.4mm

Length: 138mm

Holes Distance: 5mm

Holes: 28



LK205028

2.0mm Polyaxial Locking Plate

Width: 5.0mm

Thickness: 1.8mm

Length: 181mm

Holes Distance: 6.5mm

Holes: 28



LK246528

2.4mm Polyaxial Locking Plate

Width: 6.5mm

Thickness: 2.2mm

Length: 226mm

Holes Distance: 8mm

Holes: 28



LK277525

2.7mm Polyaxial Locking Plate

Width: 7.5mm

Thickness: 2.5mm

Length: 229mm

Holes Distance: 9mm

Holes: 25



LK309023

3.0mm Polyaxial Locking Plate

Width: 9.0mm

Thickness: 2.9mm

Length: 240mm

Holes Distance: 10.5mm

Holes: 23



LK351121

3.5mm Polyaxial Locking Plate

Width: 11.0mm

Thickness: 3.3mm

Length: 249mm

Holes Distance: 12mm

Holes: 21





LOKI Platinum Polyaxial Locking Plate

LK1540T

1.5mm Double T Polyaxial Locking Plate

Shaft Width: 4.0mm

Thickness: 1.6mm

Length: 133mm

Holes: 27



LK2050T

2.0mm Double T Polyaxial Locking Plate

Shaft Width: 5.0mm

Thickness: 2.2mm

Length: 174mm

Holes: 27



LK2465T

2.4mm Double T Polyaxial Locking Plate

Shaft Width: 6.5mm

Thickness: 2.6mm

Length: 212mm

Holes: 27



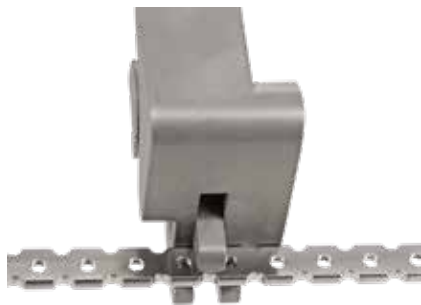


LOKI Platinum Polyaxial Locking Plate

/ INSTRUMENTATION

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Reconstruction Plate Bender



LK1520

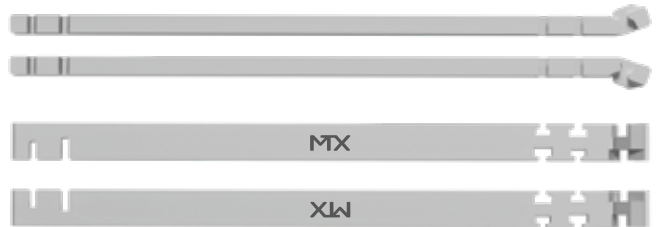
1.5/2.0 LOKI Platinum Locking Plate Bending Irons

LK2427

2.4/2.7 LOKI Platinum Locking Plate Bending Irons

LK3035

3.0/3.5 LOKI Platinum Locking Plate Bending Irons





LOKI Platinum Polyaxial Locking Plate

/ INSTRUMENTATION

PLDG20

2.0mm Polyaxial Locking Drill Guide

PLDG24

2.4mm Polyaxial Locking Drill Guide

PLDG27

2.7mm Polyaxial Locking Drill Guide

PLDG30

3.0mm Polyaxial Locking Drill Guide

PLDG35

3.5mm Polyaxial Locking Drill Guide



PLDG35F

3.5mm Polyaxial Locking Drill Guide, Free Hand



MCD27

2.7/1.5mm Compression/Distracton Threaded Rod

MCD35

3.5/2.0mm Compression/Distracton Threaded Rod



MCD15

1.5mm Compression/Distracton Pin, thread length 15mm

MCD18

1.8mm Compression/Distracton Pin, thread length 18mm

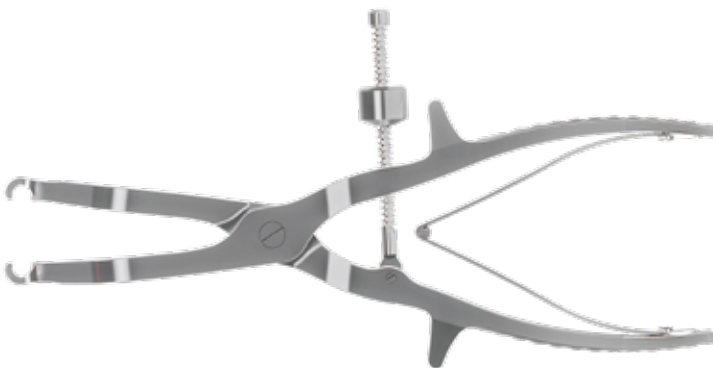
MCD25

2.5mm Compression/Distracton Pin, thread length 25mm



MCD00

Compression Forceps, with Speed Lock





MTX

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