

Introducing The Variable Angle Locking Hand System

Get an enhanced range of solutions
and the product performance you expect.



INTRODUCING THE VARIABLE ANGLE LOCKING HAND SYSTEM

The Variable Angle Locking Hand System provides an extensive range of basic and specialty plates for fracture repair and deformity correction.

The system consists of 40 different plates, available in stainless steel and titanium, including fragment-specific plates designed for lateral and dorsal application.

The 1.3mm Locking Plates in this system are the thinnest locking plates available in the market, and includes anatomically pre-contoured plates and color-coded instrumentation.¹

The system offers an enhanced range of solutions and the product performance you expect.



1. DPS Analysis of leading hand competitors 2018



The Variable Angle Locking Hand System has four key features:

Versatility

- For greater surgical options

Low-profile & Pre-contoured Plates

- Designed to reduce potential soft tissue irritation

Comprehensive Instrumentation

- Designed for ease of use

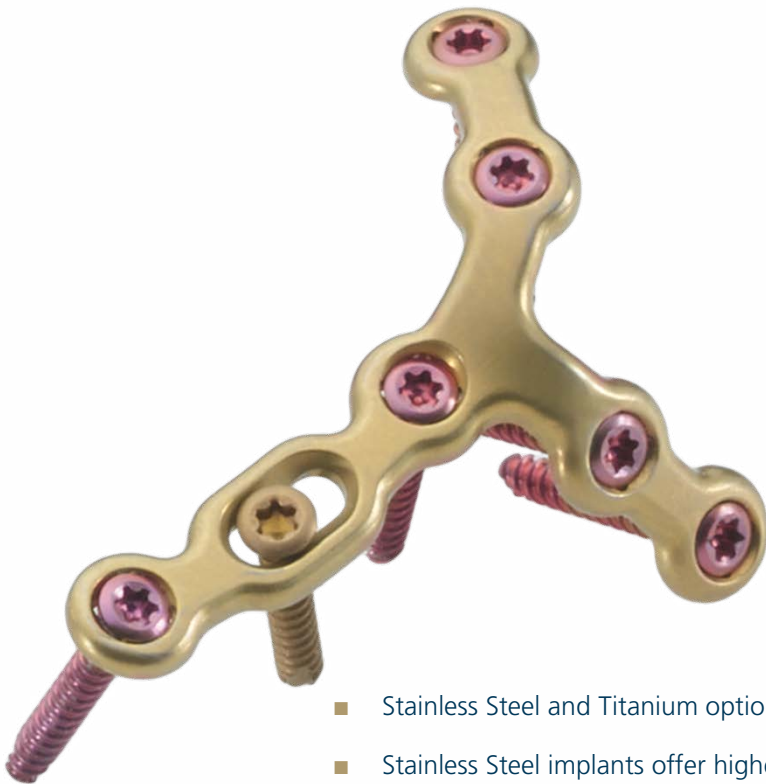
Strength & Stability

- With Locked Plating

VERSATILITY

Extensive range of implants for greater surgical options

- 40 plate designs, including plates for fracture repair and deformity correction
- Basic and specialty plates to treat both simple and complex cases
- Lateral and dorsal application



- Stainless Steel and Titanium options
- Stainless Steel implants offer higher strength and rigidity than Titanium (CP) implants, while Titanium (CP) implants offer improved biocompatibility and greater flexibility¹

- Locking technologies in 3 sizes:
 - 1.3 mm Locking Plates
 - 1.5 mm Variable Angle Locking Plates
 - 2.0 mm Variable Angle Locking Plates



¹ Disegi, J. *Implant Materials: Unalloyed Titanium. 6th edition.* Synthes, 2008. J2110E

LOW-PROFILE & PRE-CONTOURED PLATES

Designed to reduce potential soft tissue irritation

- Rounded plate contours and smooth plate surface designed to help reduce the risk of potential tissue irritation and adhesions.



- Recessed screw heads designed to sit flush with the plate surface



- Blunt screw tips designed to reduce the potential for soft tissue irritation

COMPREHENSIVE INSTRUMENTATION

Designed for Ease of Use

- Color-coded instrumentation and modules ease identification and help reduce procedural complexity
- Full range of instrumentation for fracture reduction, provisional fixation, plate adaptation and construct creation
- Reduction Forceps designed to hold reduced bone fragments in place, while allowing drilling and insertion of a lag screw through the barrel of the forceps
- Plate Holding Forceps with Soft Lock helps facilitate surgical procedures



- Self-retaining T4 and T6 STARDRIVE™ Screwdrivers aid in screw-handling, measuring, and delivery

- Plate cutters feature ergonomic design



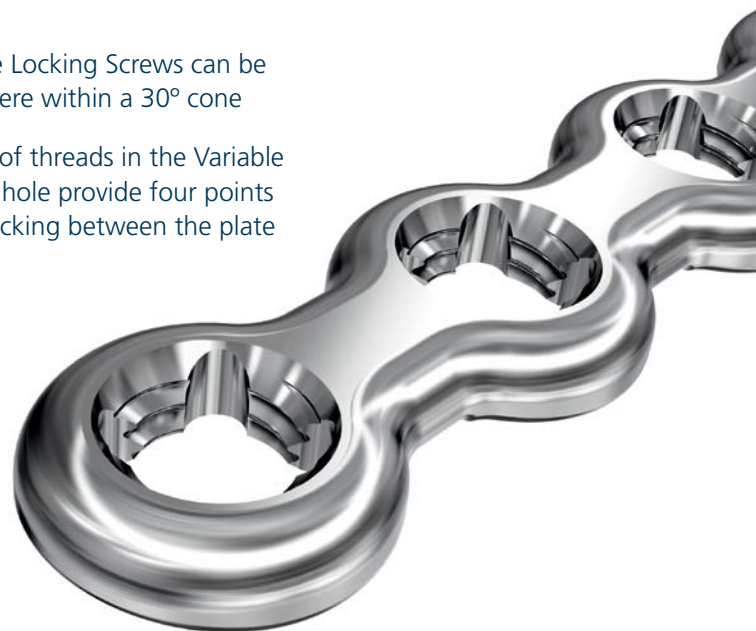
STRENGTH & STABILITY WITH LOCKED PLATING

Designed to offer screw placement options in a variety of fragment patterns and around joint

- Designed to provide fixed angle stability for metaphyseal and osteopenic bone
- Combines the advantages of locked plating with low-profile plating



- Variable Angle Locking Screws can be angled anywhere within a 30° cone
- Four columns of threads in the Variable Angle locking hole provide four points of threaded locking between the plate and the screw



FEATURED PLATES*

Designed for fracture fixation and deformity correction, the VA Locking Hand System features anatomically pre-contoured plates to facilitate a variety of procedures in the hand.

Phalangeal Head Plate

- Curved plate design follows natural curve of the phalanx
- Screw configuration in the head is designed to span the attachment of the collateral ligament



1st Metacarpal Plate, Dorsal

- Anatomic contour and hole configuration to address fractures of the base of the first metacarpal
- Four variable angle screw holes in head of the plate, designed to facilitate capture of fracture fragments



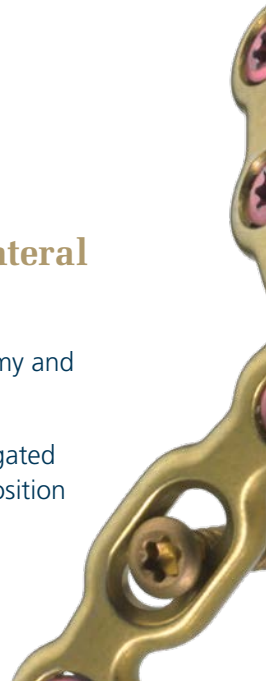
Metacarpal Neck Plate

- Four diverging screws in the head for secure fixation
- K-wire hole for provisional fixation



1st Metacarpal Plate, Lateral

- Y-shape with arms that can be contoured to fit varying anatomy and address fracture fragments
- Curved shaft design with elongated hole for adjustment of plate position





Rotation Correction Plate

- Features elongated transverse hole for intra-operative reduction and adjustment, including correction of fragment rotation
- Designed for fractures and osteotomies of the metacarpals and phalanges



Fracture Plate

- Two elongated holes for intra-operative correction in two planes
- Designed for crushed, multi-fragmented, and/or periarticular fractures of the metacarpals and phalanges



*Additional specialty plates are available including Box Plates, Web Plates & Phalangeal Base Plates. See Product Listing on the next page.

PRODUCT LISTING

Implants

1.3 mm Locking Plates — 316 Stainless Steel and TiCP Titanium

Plate Thickness: 0.75 mm

Stainless Steel	Titanium	Description
02.130.150	04.130.150	1.3 mm Locking Straight Plate, 6 Holes
02.130.151	04.130.151	1.3 mm Locking Straight Plate, 12 Holes
02.130.152	04.130.152	1.3 mm Locking T-Plate, 3 Holes Head, 5 Holes Shaft
02.130.153	04.130.153	1.3 mm Locking Y-Plate, 3 Holes Head, 5 Holes Shaft
02.130.154	04.130.154	1.3 mm Locking Phalangeal Base Plate, 2 Holes Head, 5 Holes Shaft
02.130.156	04.130.156	1.3 mm Locking Phalangeal Head Plate, Right
02.130.157	04.130.157	1.3 mm Locking Phalangeal Head Plate, Left
02.130.158	04.130.158	1.3 mm Locking Strut Plate, 8 Holes, Oblique, Right
02.130.159	04.130.159	1.3 mm Locking Strut Plate, 8 Holes, Oblique, Left
02.130.161	04.130.161	1.3 mm Locking Web Plate, 14 Holes

1.5 mm Variable Angle Locking Plates — 316L Stainless Steel and TiCP Titanium

Plate Thickness: 1.0 mm

Stainless Steel	Titanium	Description
02.130.250	04.130.250	1.5 mm Variable Angle Locking Straight Plate, 6 Holes
02.130.251	04.130.251	1.5 mm Variable Angle Locking Straight Plate, 12 Holes
02.130.252	04.130.252	1.5 mm Variable Angle Locking T-Plate, 3 Holes Head, 7 Holes Shaft
02.130.253	04.130.253	1.5 mm Variable Angle Locking Y-Plate, 3 Holes Head, 7 Holes Shaft
02.130.254	04.130.254	1.5 mm Variable Angle Locking Phalangeal Base Plate, 2 Holes Head, 6 Holes Shaft
02.130.255	04.130.255	1.5 mm Variable Angle Locking Condylar Plate, 2 Holes Head, 6 Holes Shaft
02.130.256	04.130.256	1.5 mm Variable Angle Locking Phalangeal Head Plate, Right
02.130.257	04.130.257	1.5 mm Variable Angle Locking Phalangeal Head Plate, Left
02.130.258	04.130.258	1.5 mm Variable Angle Locking Strut Plate, 8 Holes, Oblique, Right
02.130.259	04.130.259	1.5 mm Variable Angle Locking Strut Plate, 8 Holes, Oblique, Left
02.130.260	04.130.260	1.5 mm Variable Angle Locking Strut Plate, 12 Holes
02.130.261	04.130.261	1.5 mm Variable Angle Locking Web Plate, 14 Holes
02.130.262	04.130.262	1.5 mm Variable Angle Locking Box Plate, 4 Holes
02.130.263	04.130.263	1.5 mm Variable Angle Locking First Metacarpal Plate, Dorsal
02.130.264	04.130.264	1.5 mm Variable Angle Locking First Metacarpal Plate, Lateral, Right
02.130.265	04.130.265	1.5 mm Variable Angle Locking First Metacarpal Plate, Lateral, Left
02.130.266	04.130.266	1.5 mm Variable Angle Locking Rotation Correction Plate, 6 Holes
02.130.267	04.130.267	1.5 mm Variable Angle Locking Fracture Plate, 6 Holes
02.130.268	04.130.268	1.5 mm Variable Angle Locking Metacarpal Neck Plate

2.0 mm Variable Angle Locking Plates, 316L Stainless Steel and TiCP Titanium

Plate Thickness: 1.3 mm

Stainless Steel

	Titanium	Description
02.130.350	04.130.350	2.0 mm Variable Angle Locking Straight Plate, 6 Holes
02.130.351	04.130.351	2.0 mm Variable Angle Locking Straight Plate, 12 Holes
02.130.352	04.130.352	2.0 mm Variable Angle Locking T-Plate, 3 Holes Head, 7 Holes Shaft
02.130.353	04.130.353	2.0 mm Variable Angle Locking Y-Plate, 3 Holes Head, 7 Holes Shaft
02.130.354	04.130.354	2.0 mm Variable Angle Locking Phalangeal Base Plate, 2 Holes Head, 6 Holes Shaft
02.130.355	04.130.355	2.0 mm Variable Angle Locking Condylar Plate, 2 Holes Head, 6 Holes Shaft
02.130.360	04.130.360	2.0 mm Variable Angle Locking Strut Plate, 12 Holes
02.130.362	04.130.362	2.0 mm Variable Angle Locking Box Plate, 4 Holes
02.130.363	04.130.363	2.0 mm Variable Angle Locking First Metacarpal Plate, Dorsal
02.130.366	04.130.366	2.0 mm Variable Angle Locking Rotation Correction Plate, 6 Holes
02.130.367	04.130.367	2.0 mm Variable Angle Locking Fracture Plate, 6 Holes

Set Listing

Stainless Steel

	Titanium	Description
01.131.100	01.131.101	Instrument and Implant Set – Standard
01.130.225	01.130.235	Instrument and Implant Set – Compact





A VERSATILE SYSTEM THAT HELPS YOU HIT EVERY NOTE

To learn more about the Variable Angle Locking Hand System, contact your DePuy Synthes Sales Consultant or visit: www.depuysynthes.com



Manufactured or distributed by:

Synthes USA Products, LLC
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West Chester, PA 19380
To order (USA): 800-523-0322
To order (Canada): 800-946-8999

Synthes USA, LLC
1101 Synthes Avenue
Monument, CO 80132

Indications:

The DePuy Synthes Variable Angle Locking Hand System is intended for fracture fixation of the hand and other small bones and small bone fragments in adults and adolescents (12-21 years), particularly in osteopenic bone. System indications include the following:

- Open reduction and internal fixation of fractures, mal-unions, and non-unions
- Following excision of benign bone tumors
- Replantations and reconstructions
- Arthrodeses of joints involving small bones
- Osteotomies, including deformity correction such as rotation, lengthening, shortening
- Pathological fractures, including impending pathologic fractures

Limited Warranty and Disclaimer: DePuy Synthes Trauma products are sold with a limited warranty to the original purchaser against defects in workmanship and materials. Any other express or implied warranties, including warranties of merchantability or fitness, are hereby disclaimed.

See package insert for complete product information.

CAUTION: Federal Law restricts these devices to sale by or on the order of a physician.

Some devices listed in this brochure may not have been licensed in accordance with Canadian law and may not be for sale in Canada.

Please contact your sales consultant for items approved for sale in Canada.