For Partial Wrist Arthrodesis With Variable Angle Locking Technology

2.4 mm Variable Angle Locking Intercarpal Fusion System

Surgical Technique

DePuy Synthes

PART OF THE Johnson&Johnson FAMILY OF COMPANIES

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MR Information
The 2.4 mm Variable Angle Locking Intercarpal Fusion System has not been evaluated for safety and compatibility in the MR environment. It has not been tested for heating, migration or image artifact in the MR environment. The safety of the 2.4 mm Variable Angle Locking Intercarpal Fusion System in the MR environment is unknown. Scanning a patient who has this device may result in patient injury.

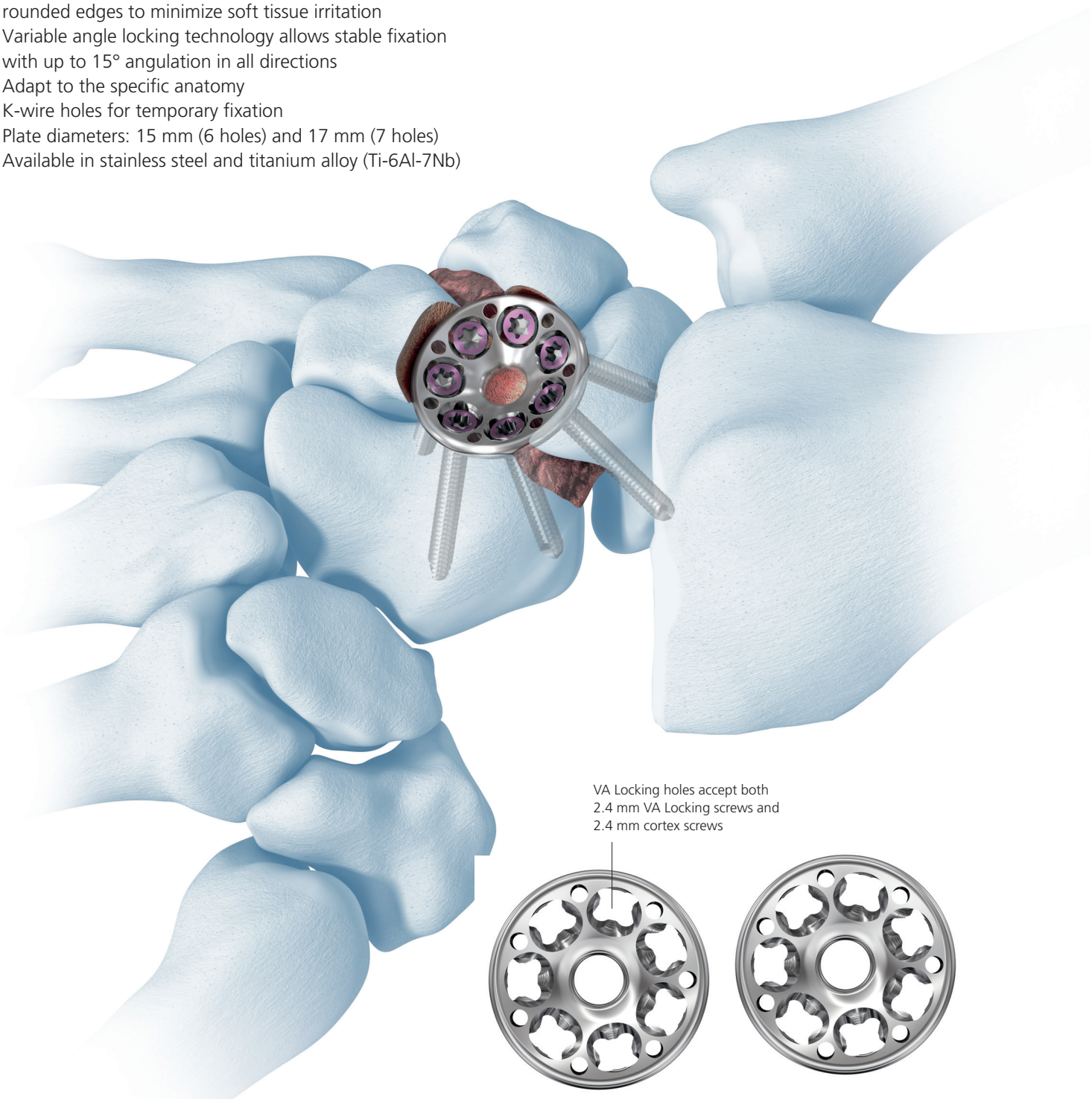
Image intensifier control

2.4 mm Variable Angle Locking Intercarpal Fusion System.

For partial wrist arthrodesis with variable angle locking technology.

Low-profile, variable angle locking plates

- Low-profile circular plate with smooth surface and rounded edges to minimize soft tissue irritation
- Variable angle locking technology allows stable fixation with up to 15° angulation in all directions
- Adapt to the specific anatomy
- K-wire holes for temporary fixation
- Plate diameters: 15 mm (6 holes) and 17 mm (7 holes)
- Available in stainless steel and titanium alloy (Ti-6Al-7Nb)



2.4 mm Variable Angle Locking Intercarpal Fusion System.
For partial wrist arthrodesis with variable angle locking technology.

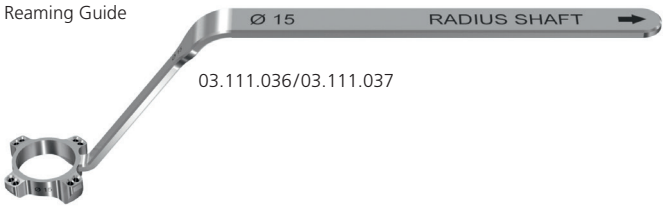
Innovative instrumentation:
Reaming guides/reduction reaming guides
– Preliminary fixation of the carpus
– Optimal guidance of the reamer
– Soft tissue protection during reaming procedure
– Controlled reduction of the carpal bones

Reamers with cannulation remove bone to prepare countersink for plate

Optional radiolucent plate positioning aid for placement of a central reaming guide wire

Plate holder for secure plate positioning

Reaming Guide



03.111.036/03.111.037

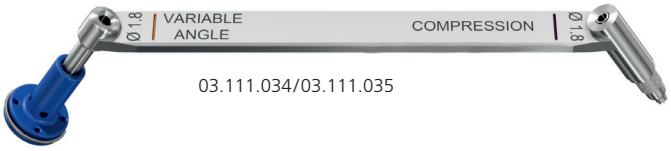
Reduction Reaming Guide

03.111.042/03.111.043

Reamer

03.111.032/03.111.033

Radiolucent Plate Positioning Aid



03.111.034/03.111.035

Plate Holder

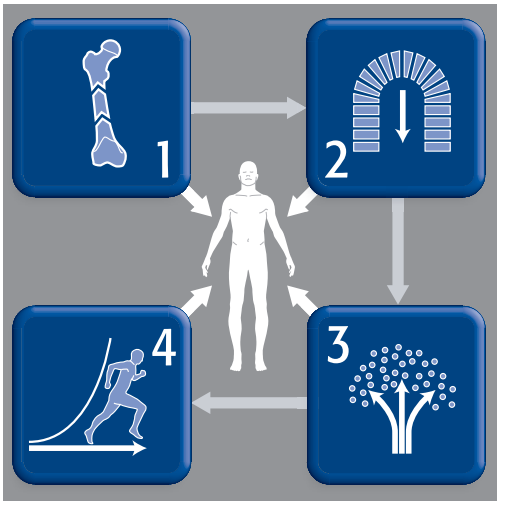
03.111.040

AO Principles

In 1958, the AO formulated four basic principles, which have become the guidelines for internal fixation.[1, 2]

Anatomic reduction
Fracture reduction and fixation to restore anatomical relationships.

Early, active mobilization
Early and safe mobilization and rehabilitation of the injured part and the patient as a whole.



Stable fixation
Fracture fixation providing absolute or relative stability, as required by the patient, the injury, and the personality of the fracture.

Preservation of blood supply
Preservation of the blood supply to soft tissues and bone by gentle reduction techniques and careful handling.

1. Müller ME, Allgöwer M, Schneider R, Willenegger H. *Manual of Internal Fixation*. 3rd ed. Berlin, Heidelberg, New York: Springer-Verlag; 1991.
2. Rüedi TP, RE Buckley, CG Moran. *AO Principles of Fracture Management*. 2nd ed. Stuttgart New York: Thieme; 2007.

Indications

The 2.4 mm VA Locking Intercarpal Fusion System is indicated for fusion of small bones of the hand including hamate, capitate, lunate, and triquetrum, for the revision of failed partial wrist fusions, and is indicated for use in patients suffering pain and/or loss of function due to:

– Osteoarthritis
– Rheumatoid arthritis
– Post-traumatic or degenerative wrist arthritis
– Carpal instability

Preparation

Required instrument set	
01.111.478/ 01.111.479	2.4 mm Variable Angle LCP (VA-LCP) Distal Radius System Set (stainless steel or titanium)
or	
01.111.500/ 01.111.501	2/3 Instrument Tray for LCP and VA-LCP Distal Radius Systems (stainless steel or titanium)
or	
01.116.020	1/3 Instrument Tray for 2.4 mm Cortex and VA-LCP Screws for Modular Case System
plus	
Required screw set (unless using 01.111.478/01.111.479)	
01.111.502/ 01.111.503	2.4 mm and 2.7 mm Variable Angle Locking Screw Module for Distal Radius (stainless steel or titanium)
or	
01.111.506/ 01.111.507	2.4 mm and 2.7 mm LCP and Variable Angle Locking Screw Module for Distal Radius (stainless steel or titanium)
or	
01.111.508/ 01.111.509	2.4 mm LCP and Variable Angle Locking Screw Module for Distal Radius (stainless steel or titanium)

1

Preoperative planning

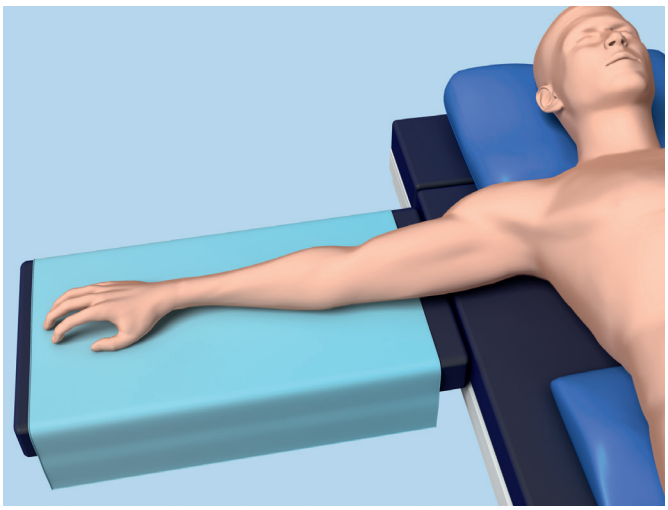
Complete a preoperative radiographic assessment, to confirm the presence of sufficient bone stock for the four-corner fusion procedure, and intact joint surfaces between the radius and the lunate.

Determine the angle of the extension deformity of the lunate.

2

Position patient

Position the patient supine, with the forearm positioned on a hand table in full pronation. Use a rolled towel to support the palm of the hand. The use of a tourniquet and magnifying loops is recommended.

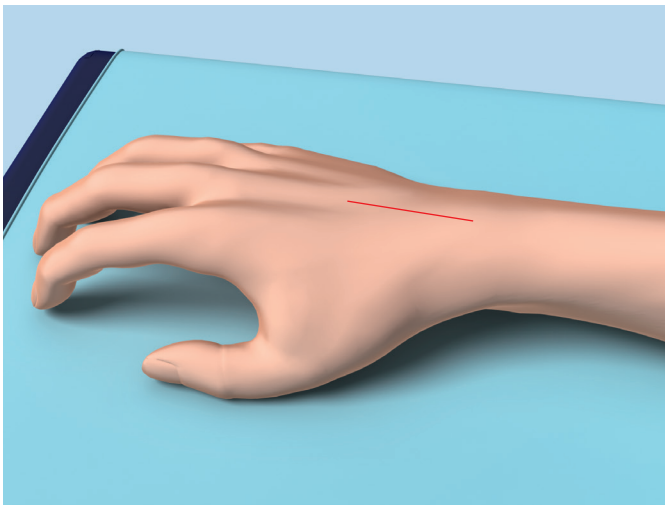


Approach and Reduction

1

Approach

Make a standard dorsal longitudinal approach to the wrist.



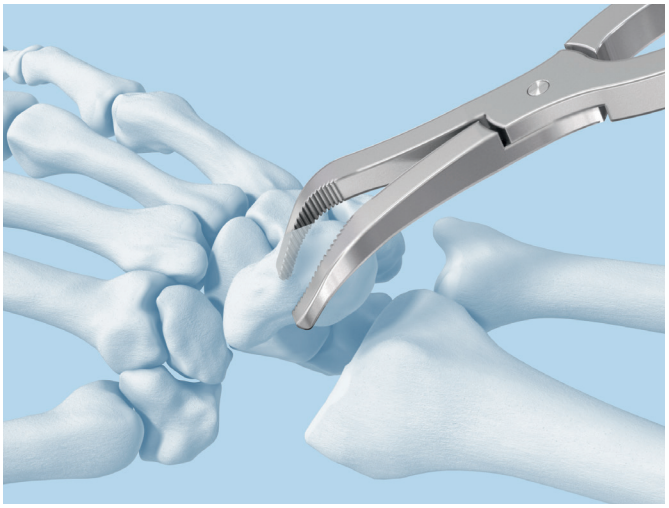
2

Excise scaphoid and debride midcarpal joint

Completely excise the scaphoid and debride the midcarpal joint. Use a small rongeur and/or chisel to remove the residual cartilage. Ensure that sclerotic and dense subchondral bone is removed down to cancellous bone.

Complete debridement of the midcarpal joint is mandatory. Preparation of the joint surfaces between the capitatum/hamatum and lunatum/triquetrum is optional, or may be carried out after provisional fixation.

Note: Proper removal of the cartilage to cancellous bone is important.



3

Reduce rotational deformity and provisionally fix carpus

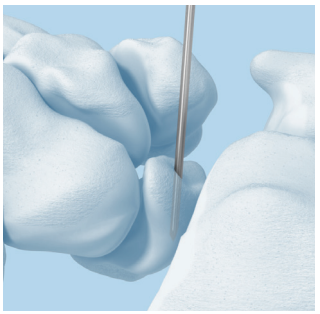
Instrument	
02.111.304.10	1.25 mm Kirschner Wire, with trocar tip, 80 mm

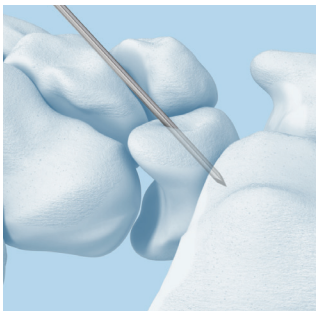
If necessary, use a Kirschner wire as a joystick in the lunate to correct the position of the lunate. Temporarily fix the lunate in the neutral position with a Kirschner wire from distal through the capitate and remove the joystick K-wire.

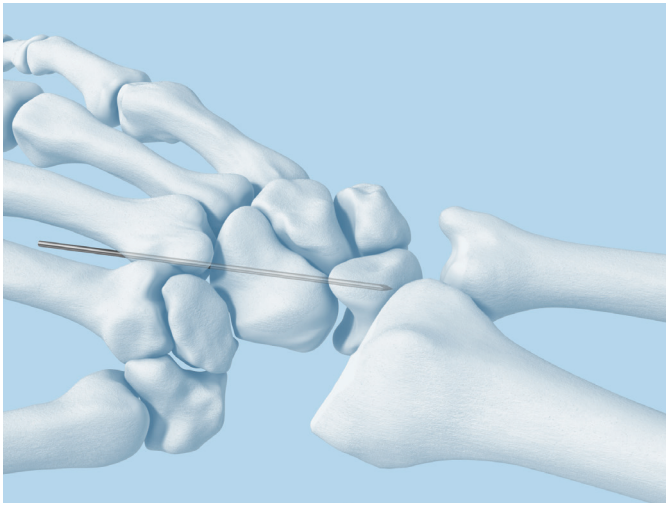
Intraoperatively check residual mobility. In general, more extension than flexion is recommended.

Notes:

- Verify correct alignment with radiographic imaging.
- If performing reaming technique without the reaming guide, ensure K-wire placement does not interfere with the reaming path.
- Place temporary K-wires as volar as possible to avoid later interference with the reamer.







Reaming

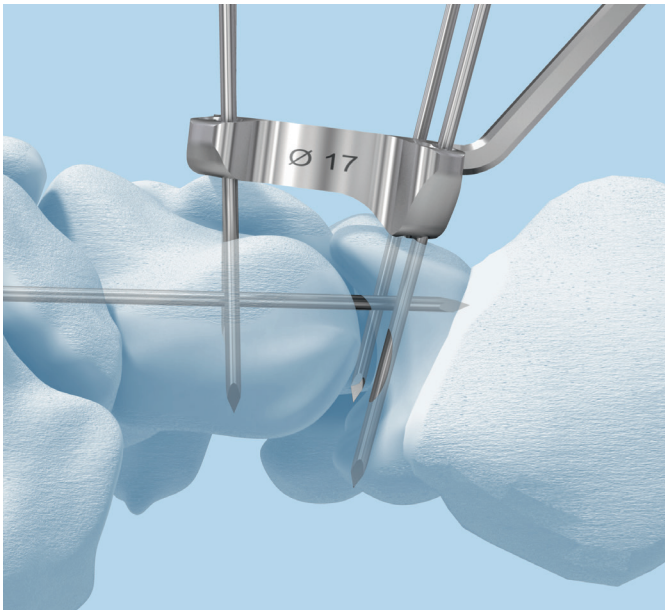
1
Position reaming guide

Instruments	
02.111.304.10	1.25 mm Kirschner Wire, with trocar tip, 80 mm
03.111.036	Reaming Guide, for 2.4 mm VA Locking Intercarpal Fusion Plate, 15 mm
03.111.037	Reaming Guide, for 2.4 mm VA Locking Intercarpal Fusion Plate, 17 mm

Choose the appropriate reaming guide (15 mm or 17 mm) according to the selected plate, and fix it temporarily, with at least one Kirschner wire per carpal bone, over the center of the four-bone junction.

If necessary, remove the volar lunocapitate Kirschner wire, to avoid later interference with the reamer.

Note: The shape of the reaming guide is adapted to the contour of the carpus (less height on the distal part). Ensure the handle of the reaming guide is oriented to the radius, as etched.



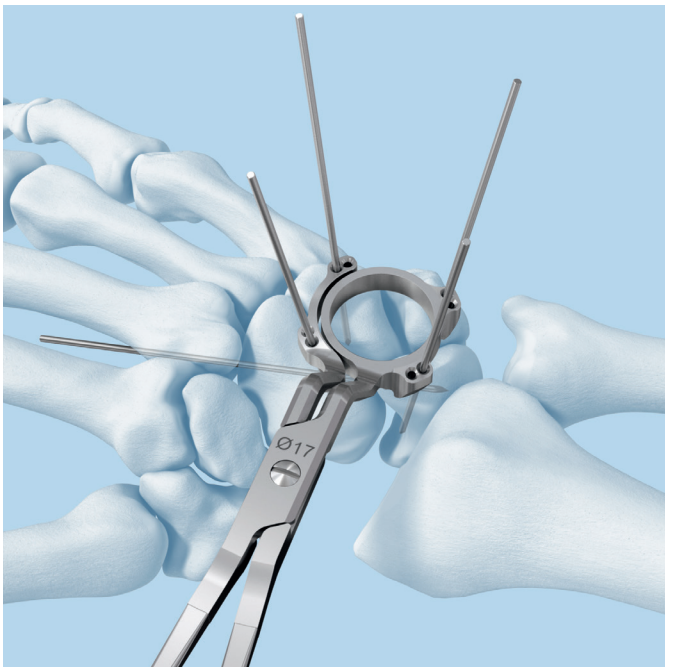
Optional instruments

03.111.042	Reduction Reaming Guide for 2.4 mm VA Locking Intercarpal Fusion Plate, 15 mm
03.111.043	Reduction Reaming Guide for 2.4 mm VA Locking Intercarpal Fusion Plate, 17 mm

Use the reduction reaming guide if reduction of the carpal bones is required.

Choose the appropriate reduction reaming guide (15 mm or 17 mm) according to the selected plate. Open the clamp slightly and place the reduction reaming guide centered over the four-bone junction. The amount of opening can be chosen according to preference.

Fix the reduction reaming guide with at least one Kirschner wire per carpal bone.



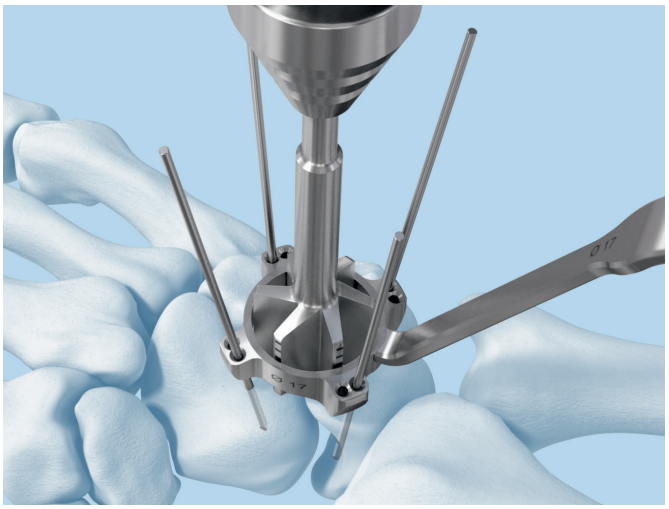
2
Ream plate recess

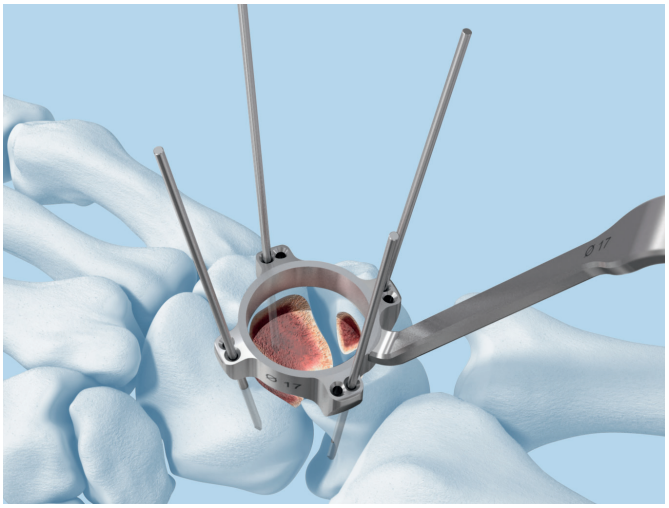
Instruments	
03.111.032	Reamer, for 2.4 mm VA Locking Intercarpal Fusion Plate, 15 mm
03.111.033	Reamer, for 2.4 mm VA Locking Intercarpal Fusion Plate, 17 mm

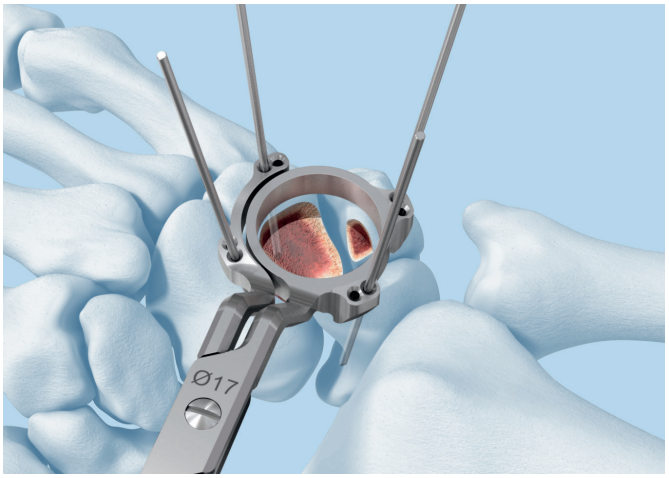
Choose the reamer corresponding to the reaming guide (15 mm or 17 mm). Ream through the reaming guide to the first laser mark. Check for sufficient reaming depth by trial placement of the plate. The plate edge should not protrude over the bone at any point. If needed, continue reaming (each mark indicates 2 mm reaming depth).

Notes: For further intercarpal debridement, leave the reaming guide in place and remove cartilage or sclerotic bone 4 mm–6 mm adjacent to the midcarpal joint from lunotriquetral and capitohamate intervals.

The first laser marking line on the reamer indicates reaming depth of 6 mm. The subsequent marking lines are at increments of 2 mm reaming depth.







Alternative technique: Reaming with central K-wire (without reaming guide or reduction reaming guide)

Instruments

02.111.304.10	1.25 mm Kirschner Wire, with trocar tip, 80 mm
03.111.034	Positioning Aid for 2.4 mm VA Locking Intercarpal Fusion Plate, 15 mm
03.111.035	Positioning Aid for 2.4 mm VA Locking Intercarpal Fusion Plate, 17 mm
03.111.039	1.8 mm Combination Drill Guide, for VA Locking and Standard

Choose the appropriate positioning aid (15 mm or 17 mm) according to the selected plate.

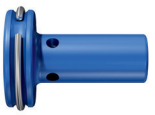
Mount the positioning aid for 2.4 mm VA Locking Intercarpal Fusion plate on the combination drill guide (click-on mechanism). Define the plate position using the radiolucent plate positioning aid and radiographic imaging.

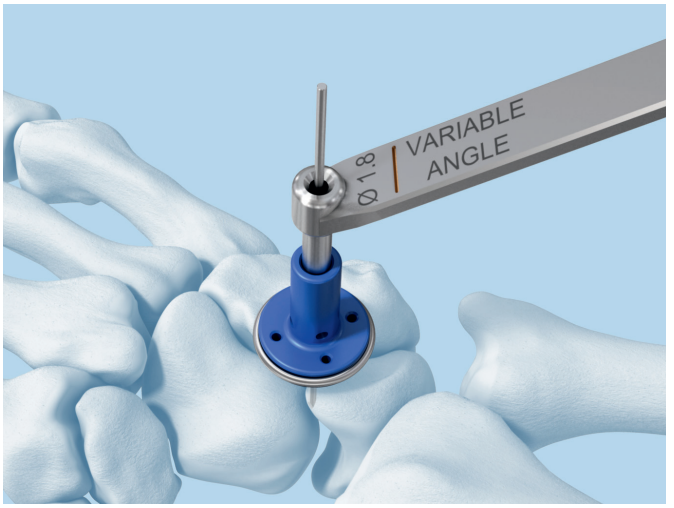
Note: If needed for better visibility, fix the positioning aid temporarily on the carpus with a Kirschner wire, and remove the drill guide from the plate positioning aid.

Insert a Kirschner wire through the combination drill guide.

Ream the plate recess with an appropriately sized reamer, over the Kirschner wire. Verify sufficient reaming depth by trial placement of the plate. The plate edge should not protrude over the bone at any point.

Note: Markings on the reamer should not be used as a reference for reaming depth when reaming without the reaming guide. Reaming depth from tip to first laser marking line is 15 mm.





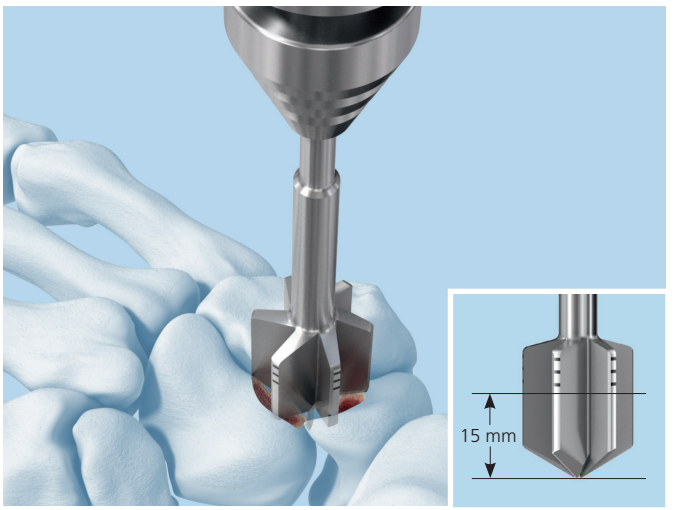
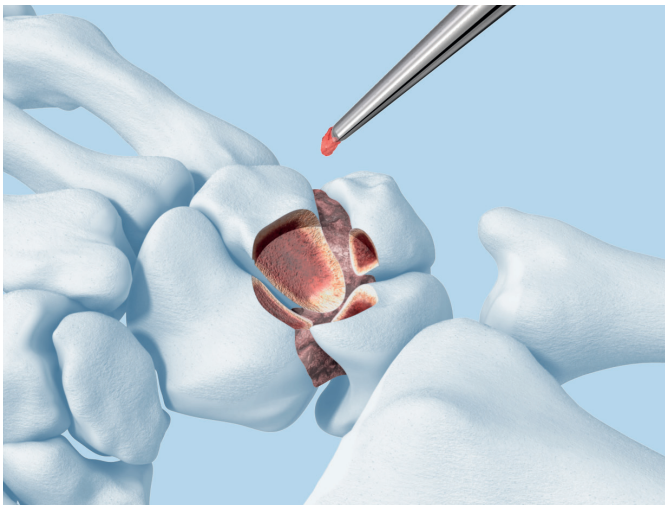


Plate Fixation

1

Insert bone graft

Fill the space between the four bones with autogenous bone graft taken from the iliac crest or Lister's tubercle.

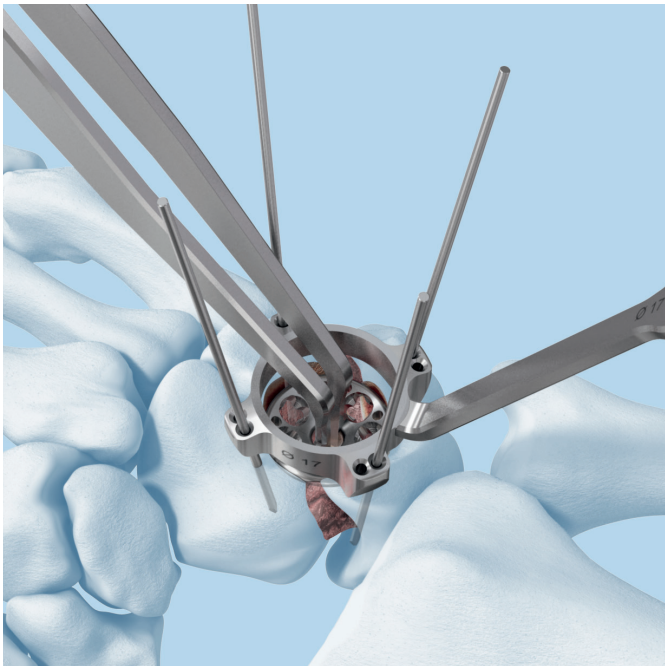


2

Place plate

Instrument	
03.111.040	Plate Holder for 2.4 mm VA Locking Intercarpal Fusion Plate

Use the plate holder to pick up the appropriate size plate (either 15 mm or 17 mm) and position the plate through the reaming guide.



3
Fix plate

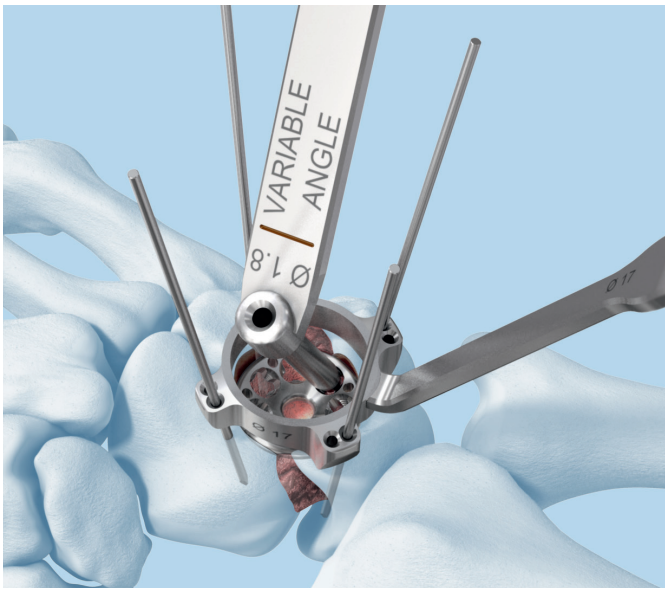
Instruments	
03.111.005	Depth Gauge, for 2.0 mm, 2.4 mm and 2.7 mm screws
03.111.038	Handle, with quick coupling, large
03.111.039	1.8 mm Combination Drill Guide, for VA Locking and Standard
310.509	1.8 mm Drill Bit with Depth Mark, quick coupling, 110 mm
314.467	StarDrive Screwdriver Shaft, T8, 105 mm
511.776	Torque Limiting Attachment, 0.8 Nm, quick coupling

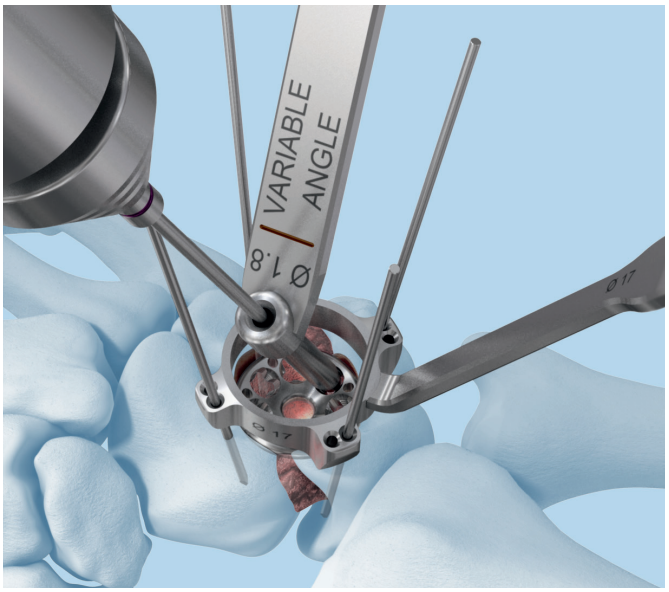
Optional instruments	
311.43	Handle, with quick coupling
314.453	Short StarDrive Screwdriver Shaft, T8, self-retaining

Start plate fixation with the placement of VA Locking screw in the lunate. Fully insert the variable angle end of the combination drill guide into the VA Locking hole. Drill the hole with the drill bit at the desired angle.

Precaution: It is important not to angulate more than 15° from the central axis of the screw hole. Overangulation could result in difficulty locking the screw.

Notes:
- All VA Locking holes accept both 2.4 mm VA Locking screws and 2.4 mm cortex screws
- The plate may be provisionally fixed with a K-wire to secure it in position





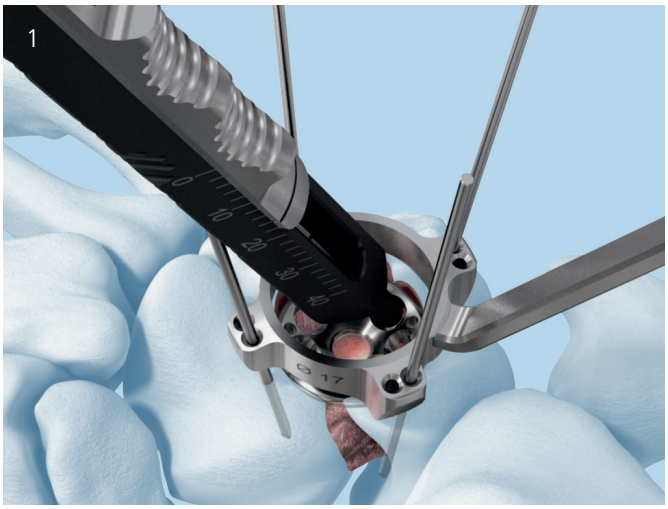
4

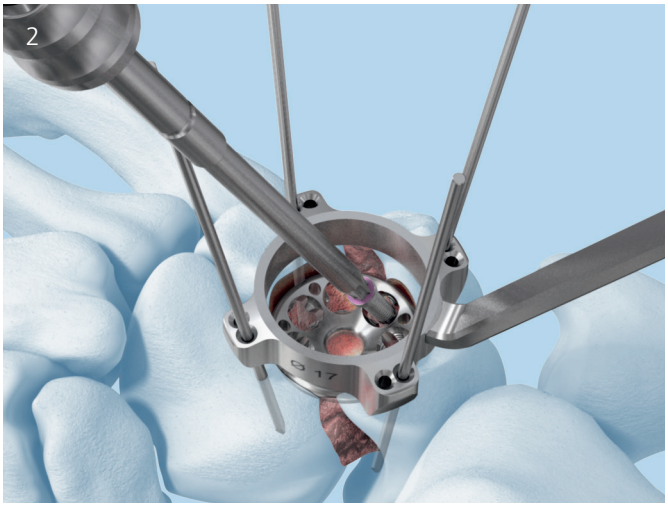
Insert screws

Measure screw length using the depth gauge (Figure 1).

Insert a screw, using the T8 StarDrive™ Screwdriver shaft attached to the handle with quick coupling (Figure 2).

Note: Do not yet fully tighten the screw to lock. For VA Locking screws, refer to Step 5 – Lock variable angle screws.



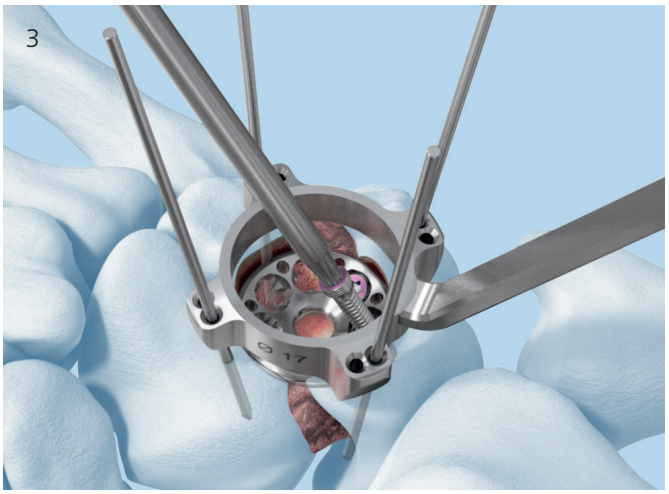


Insert a second VA Locking screw in the lunate (Figure 3).

To apply compression, a cortex screw may be inserted in the distal carpal bones (e.g., capitate). Use the 1.8 mm drill bit and combination drill guide to drill for the cortex screw (Figure 4).

Measure screw length using the depth gauge (Figure 5).

3



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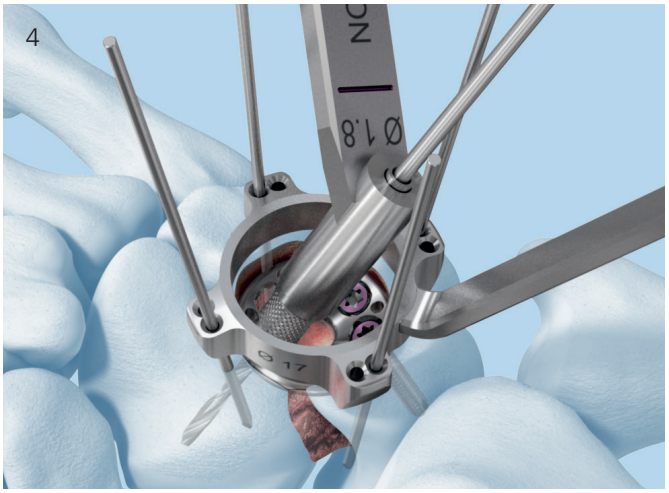

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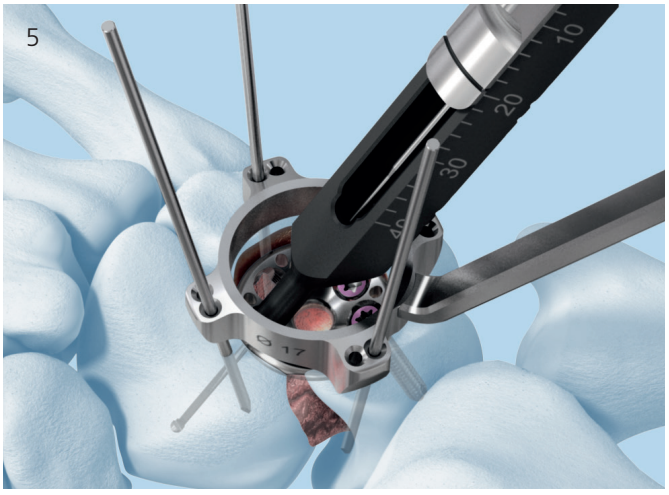
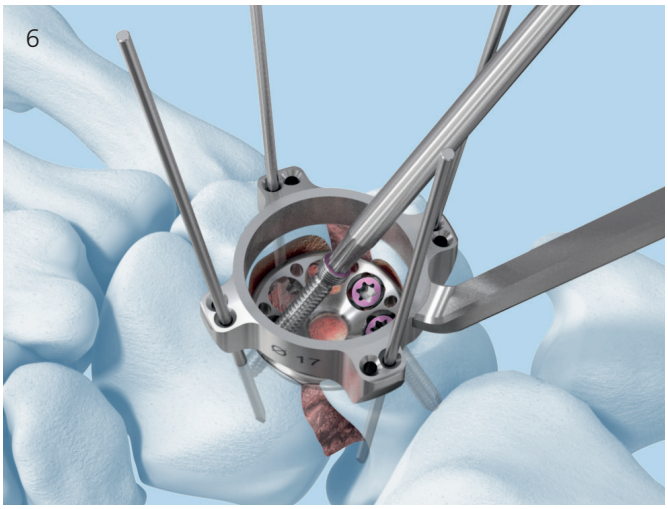
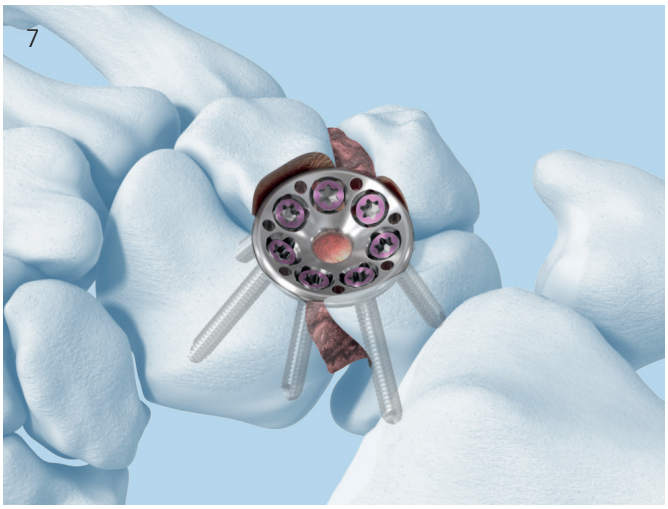


Insert a screw using the T8 StarDrive Screwdriver shaft attached to the handle with quick coupling (Figure 6).

Finalize plate fixation with a combination of 2.4 mm VA Locking and/or 2.4 mm cortex screws (Figure 7).

Note: Remove the reaming guide before final tightening of the compression screw(s).

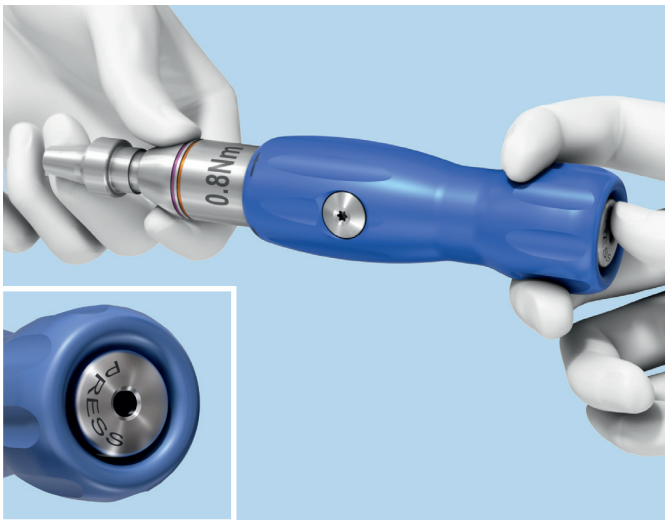


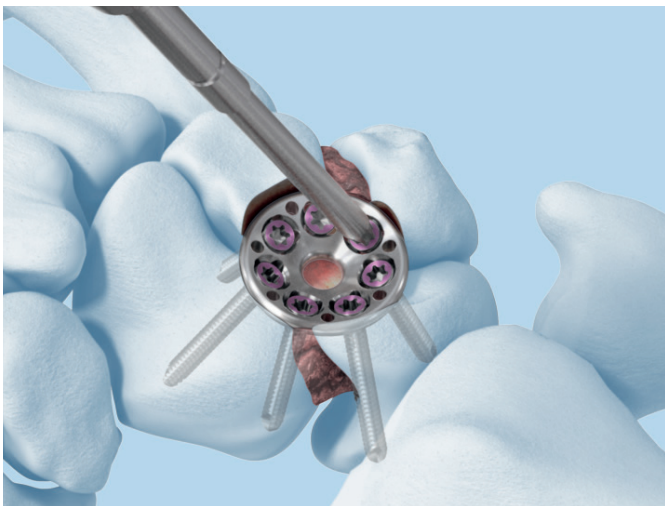


5
Lock variable angle screws

Instruments	
03.110.005	Handle for Torque Limiting Attachment
314.467	StarDrive Screwdriver Shaft, T8, 105 mm
511.776	Torque Limiting Attachment, 0.8 Nm, quick coupling

Optional instrument	
314.453	Short StarDrive Screwdriver Shaft, T8, self-holding





The TLA prevents overtightening and ensures that the VA Locking screws are securely locked into the plate.

Important: Do not lock the screws to the plate under power. Screw engagement and final locking must be done manually with the 0.8 Nm torque limiting attachment (TLA) and handle.

Only initial insertion of variable angle locking screws may be done under power.

Confirm screw position and length prior to final tightening. The 0.8 Nm TLA attaches to the handle for torque limiting attachment and a T8 StarDrive Screwdriver shaft.

Precaution: Do not use the 0.8 Nm TLA for screw removal.

Postoperative treatment

A removable wrist splint should be used. Depending on the stability of the construct, protected range-of-motion exercises can be started when postoperative swelling has subsided. With this exception, it is recommended to protect the wrist in a splint until fusion is achieved.

Implants

2.4 mm VA Locking Intercarpal Fusion Plates

Stainless Steel	Titanium	Holes	Diameter (mm)
02.111.300	04.111.300	6	15
02.111.301	04.111.301	7	17

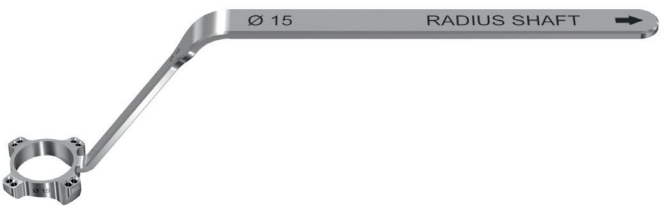
2.4 mm Cortex Screws, self-tapping, with T8 StarDrive Recess

Stainless Steel	Titanium	Length (mm)
201.756	401.756	6
201.757	401.757	7
201.758	401.758	8
201.759	401.759	9
201.760	401.760	10
201.761	401.761	11
201.762	401.762	12
201.763	401.763	13
201.764	401.764	14
201.766	401.766	16
201.768	401.768	18
201.770	401.770	20

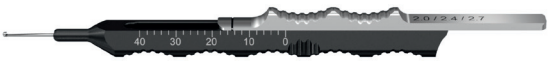
2.4 mm VA Locking Screws, with T8 StarDrive Recess

Stainless Steel	Titanium	Length (mm)
02.210.108	04.210.108	8
02.210.110	04.210.110	10
02.210.112	04.210.112	12
02.210.114	04.210.114	14
02.210.116	04.210.116	16
02.210.118	04.210.118	18
02.210.120	04.210.120	20

Instruments

	Reamers for 2.4 mm VA Locking Intercarpal Fusion Plates	
03.111.032	15 mm	
03.111.033	17 mm	
	Reaming Guides for 2.4 mm VA Locking Intercarpal Fusion Plates	
03.111.036	15 mm	
03.111.037	17 mm	
03.111.040	Plate Holder for 2.4 mm VA Locking Intercarpal Fusion Plate	
02.111.304.10	1.25 mm Kirschner Wire, with trocar tip, 80 mm	

Standard Instruments

03.110.005	Handle for Torque Limiting Attachment	
03.111.005	Depth Gauge for 2.0 mm, 2.4 mm and 2.7 mm screws	
03.111.038*	Handle with quick coupling	
03.111.039	1.8 mm Combination Drill Guide, for VA Locking and Standard	
310.509	1.8 mm Drill Bit with depth mark, quick coupling, 110 mm	
314.467	StarDrive Screwdriver Shaft, T8, 105 mm	
511.776	Torque Limiting Attachment, 0.8 Nm, quick coupling	

*Also available

Optional Instruments

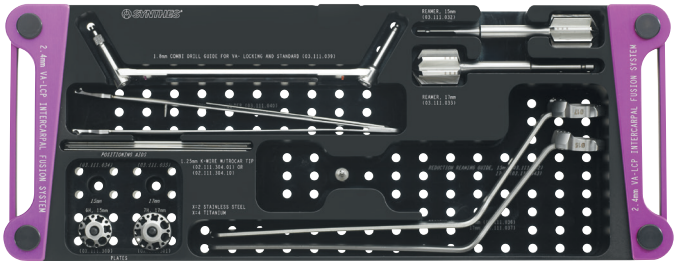
	Positioning Aids for 2.4 mm VA Locking Intercarpal Fusion Plate	
03.111.034*	15 mm	
03.111.035*	17 mm	
311.43	Handle, with quick coupling	
314.453	Short StarDrive Screwdriver Shaft, T8, self-holding	
314.468	Holding Sleeve, for StarDrive Screwdriver Shaft, T8	
	Reduction Reaming Guides for 2.4 mm VA Locking Intercarpal Fusion Plates	
03.111.042*	15 mm	
03.111.043*	17 mm	

*Also available

2.4 mm VA Locking Intercarpal Fusion System
Stainless Steel (01.111.307) and Titanium (01.111.308)

Module

60.111.307	Instrument and Implant Module, for 2.4 mm VA Locking Intercarpal Fusion Plate



Implants

2.4 mm VA Locking Intercarpal Fusion Plates

Stainless Steel	Titanium	Holes	Diameter (mm)	Qty
02.111.300	04.111.300	6	15	2
02.111.301	04.111.301	7	17	2

Instruments

02.111.304.10	1.25 mm Kirschner Wire with trocar tip, 80 mm, 1 pkg of 10
03.111.032	Reamer for 2.4 mm VA Locking Intercarpal Fusion Plate, 15 mm, with stop
03.111.033	Reamer for 2.4 mm VA Locking Intercarpal Fusion Plate, 17 mm, with stop
03.111.036	Reaming Guide for 2.4 mm VA Locking Intercarpal Fusion Plate, 15 mm
03.111.037	Reaming Guide for 2.4 mm VA Locking Intercarpal Fusion Plate, 17 mm
03.111.039	1.8 mm Combination Drill Guide, for VA Locking and Standard
03.111.040	Plate Holder for VA Locking Intercarpal Fusion Plate

Required instrument set

01.111.478/ 01.111.479	2.4 mm Variable Angle LCP (VA-LCP) Distal Radius System Set (stainless steel or titanium)
or	
01.111.500/ 01.111.501	2/3 Instrument Tray for LCP and VA-LCP Distal Radius Systems (stainless steel or titanium)
or	
01.116.020	1/3 Instrument Tray for 2.4 mm Cortex and VA Locking Screws for Modular Graphic Case System

Required screw set

01.111.502/ 01.111.503	2.4 mm and 2.7 mm Variable Angle Locking Screw Module for Distal Radius (stainless steel or titanium)
or	
01.111.506/ 01.111.507	2.4 mm and 2.7 mm LCP and Variable Angle Locking Screw Module for Distal Radius (stainless steel or titanium)
or	
01.111.508/ 01.111.509	2.4 mm LCP and Variable Angle Locking Screw Module for Distal Radius (stainless steel or titanium)

Note: For additional information, please refer to the package insert or www.e-ifu.com.

For detailed cleaning and sterilization instructions, please refer to www.depuysynthes.com/hcp/cleaning-sterilization or sterilization instructions, if provided in the instructions for use.

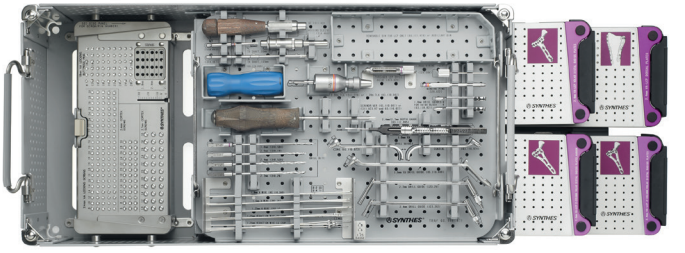
Also Available

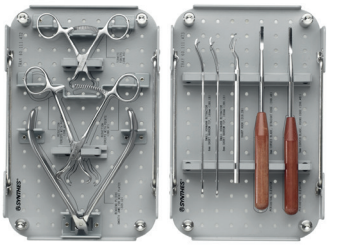
03.111.034	Positioning Aid for 2.4 mm VA Locking Intercarpal Fusion Plate, 15 mm
03.111.035	Positioning Aid for 2.4 mm VA Locking Intercarpal Fusion Plate, 17 mm
03.111.038	Handle with quick coupling
03.111.042	Reduction Reaming Guide for 2.4 mm VA Locking Intercarpal Fusion Plate, 15 mm
03.111.043	Reduction Reaming Guide for 2.4 mm VA Locking Intercarpal Fusion Plate, 17 mm

2.4 mm Variable Angle LCP® (VA Locking) Distal Radius System
Stainless Steel (01.111.478) and Titanium (01.111.479)

Graphic Cases and Trays

60.116.001	Graphic Case, Full Length, 4 bay for Modular Graphic Case System
60.111.471	⅔ Instrument Tray for LCP and VA Locking Distal Radius Systems
60.111.472	⅓ Instrument Tray for Distal Radius, Forceps and Bending Pliers
60.111.473	⅓ Instrument Tray for Distal Radius, Retractors, Hook and Elevators





Instruments

02.111.500.10	1.25 mm Plate Reduction Wire, threaded tip with small stop, 150 mm, 1 pkg. of 10 ea.
02.111.501.10	1.25 mm Plate Reduction Wire, threaded tip with large stop, 150 mm, 1 pkg. of 10 ea.
03.110.000	1.8 mm Universal Variable Ankle Locking Drill Guide
03.110.005	Handle for Torque Limiting Attachment
03.110.007	StarDrive Screwdriver, T8
03.110.021	1.8 mm Drill Guide with Measuring for Guide Block
03.110.023	1.8 mm Variable Angle Locking Drill Guide, cone
03.110.024	1.8 mm Variable Angle Locking Drill Guide, coaxial
03.111.005	Depth Gauge for 2.4 to 2.7 mm Screws
03.111.007	Positioning Screw for Variable Angle LCP Two-Column Plate Guide Block
	Drill Bits, quick coupling, 100 mm
310.19	2.0 mm
310.26	2.7 mm
310.509	1.8 mm
310.530	2.4 mm
311.43	Handle, with quick coupling
314.453	Short StarDrive Screwdriver Shaft, T8, 55 mm
314.467	StarDrive Screwdriver Shaft, T8, 105 mm
314.468	Holding Sleeve, for StarDrive Screwdriver Shaft, T8
319.39	Sharp Hook

323.029	Threaded LCP Drill Guide
323.202	2.4 mm Universal Drill Guide
323.26	2.7 mm Universal Drill Guide
324.084	1.25 mm K-wire Insert
329.12	Bending Pliers, 140 mm, for 1.5 mm and 2.0 mm plates
398.41	Reduction Forceps with Points, broad, ratchet, 132 mm
398.95	Termite Forceps, 90 mm length
399.18	Hohmann Retractor, 6 mm width, small, short narrow top, 160 mm length
399.48	Periosteal Elevator, 3 mm width, curved blade, straight edge
399.481	Periosteal Elevator, 3 mm width, curved blade, round edge
399.97	Reduction Forceps, with points, 130 mm length, ratchet
511.776	Torque Limiting Attachment, 0.8 Nm, quick coupling

Kirschner Wires, 150 mm, trocar point, 1 pkg. of 10 ea.

Stainless Steel*	Titanium**	
02.110.300	04.110.300	1.8 mm
292.12	492.12	1.25 mm
292.16	492.16	1.6 mm

60.116.054 Module Adapters, 4 pkg. of 2 ea.

Assembled on both ends of any 1-high module to prevent movement when housed in the module bay of the following graphic cases: 60.116.001, 60.116.003, 60.116.004, 60.116.005, 60.116.006

Includes implant sets:

Stainless Steel	Titanium	
01.111.461	01.111.462	2.4 mm Variable Angle LCP (VA Locking) Two-Column Volar Distal Radius Plate Set
01.111.480	01.111.481	2.4 mm Variable Angle LCP (VA Locking) Narrow Two-Column Volar Distal Radius Plate Set
01.111.482	01.111.483	2.4 mm Variable Angle LCP (VA Locking) Extra-Articular Distal Radius Plate Set
01.111.486	01.111.487	Screw Set for 2.4 mm Variable Angle LCP (VA Locking) Distal Radius System
01.115.000	01.115.001	2.4 mm Variable Angle LCP (VA Locking) Dorsal Distal Radius Plate Module Set

* 316L stainless steel
** Titanium alloy (Ti-6Al-4V)

Also Available. For use with Modular Graphic Case System.

Graphic Cases and Accessories

60.116.001	Graphic Case, Full Length, 4 Bay
60.116.003	Graphic Case, Full Length, One High
60.116.004	Graphic Case, ⅔ Length, 4 Bay
60.116.005	Graphic Case, ⅔ Length, 2 Bay
60.116.006	Graphic Case, ⅔ Length, One High
60.116.014	Support Screws for Trays and Screw Racks, for use with Full Length Modular Graphic Cases
60.116.015	Lid, Full Length for Modular Graphic Case System
60.116.016	Lid, ⅔ Length for Modular Graphic Case System

Instrument Trays

60.111.471	⅔ Length Instrument Tray for LCP and VA Locking Distal Radius Systems
60.111.472	⅓ Instrument Tray for Distal Radius, Forceps and Bending Pliers
60.111.473	⅓ Instrument Tray for Distal Radius, Retractors, Hook and Elevators
60.116.114	⅓ Length Auxiliary Tray
60.116.020	⅓ Length Instrument Tray for 2.4 mm Cortex and Variable Angle Screws

Plate Module and Bins

60.116.052	Module Shell for Plate Trays and Auxiliary Trays, for Modular Graphic Case System
60.116.200	Auxiliary Bin, full length, full height
60.116.203	Auxiliary Bin, ½ length, ½ height
	Module Bins ½ length, ½ height
60.111.481	For 6 hole head, volar column plates
60.111.482	For 7 hole head, volar column plates
60.111.483	For 8 hole head, volar column plates
60.111.484	For 9 hole head, volar column plates
60.111.478	Narrow 6 Hole Head, Two-Column Plates
60.111.479	6 Hole Head, Two-Column Plates
60.111.480	7 Hole Head, Two-Column Plates

Screw Module, Screw Blocks, and Accessories

60.116.050	Screw Module Shell, for Modular Graphic Case System
60.116.051	Lid for Screw Module Shell
60.116.058	2.4 mm Screw Block for Screw Module Shell
60.116.059	2.7 mm Screw Block for Screw Module Shell
60.116.013	Assembly Screws, for Screw Module Shell (5 pkg.)

Label Sheets

60.111.475	Graphic Case Label Sheet for Distal Radius Systems
60.116.554	Label Pack, for 2.4 mm screws and instruments for Modular Graphic Case System
60.116.555	Label Pack, for 2.7 mm screws and instruments for Modular Graphic Case System

Screw Type Push Pins (5 each)

60.116.452	Blank
60.116.503	Buttress
60.116.507	Cortex
60.116.513	Locking
60.116.521	VA Locking

Length Marker Push Pins (5 each)

	Length (mm)		Length (mm)
60.116.451	Blank	60.116.318	18
60.116.306	6	60.116.320	20
60.116.308	8	60.116.322	22
60.116.310	10	60.116.324	24
60.116.312	12	60.116.326	26
60.116.314	14	60.116.328	28
60.116.316	16	60.116.330	30

Also Available. For use with Modular Graphic Case System.

01.111.484/ 01.111.485	2.4 mm LCP and VA Locking Distal Radius Instrument Set* (stainless steel or titanium)

Instrument Tray Sets

01.111.500/ 01.111.501	⅔ Instrument Tray, for LCP and Variable Angle LCP Distal Radius Systems (stainless steel or titanium)
01.116.020	⅓ Instrument Tray for 2.4 mm Cortex and Variable Angle Locking Screws
01.111.516	⅓ Instrument Tray for Distal Radius, Forceps and Bending Pliers
01.111.517	⅓ Instrument Tray for Distal Radius, Retractors, Hook and Elevators

Screw Rack Set

01.111.486/ 01.111.487	Screw Set for 2.4 mm Variable Angle LCP VA Locking) Distal Radius System (stainless steel or titanium)

Screw Module Sets

01.111.502/ 01.111.503	2.4 mm and 2.7 mm Variable Angle Locking Screw Module for Distal Radius (stainless steel or titanium)
01.111.504/ 01.111.505	2.4 mm and 2.7 mm LCP Screw Module, for Distal Radius (stainless steel or titanium)
01.111.506/ 01.111.507	2.4 mm and 2.7 mm LCP and Variable Angle Locking Screw Module, for Distal Radius (stainless steel or titanium)
01.111.508/ 01.111.509	2.4 mm LCP and Variable Angle Locking Screw Module, for Distal Radius (stainless steel or titanium)

Plate Module with Bin Sets

01.111.510/ 01.111.511	2.4 mm Variable Angle LCP Two-Column Plate Module, with Bins (stainless steel or titanium)
01.111.512/ 01.111.513	2.4 mm LCP Volar Column Plate Module, with Bins (stainless steel or titanium)
01.111.514/ 01.111.515	2.4 mm Two-Column and Volar Column Plate Module, with Bins (stainless steel or titanium)

* Includes 60.116.001 Graphic Case

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