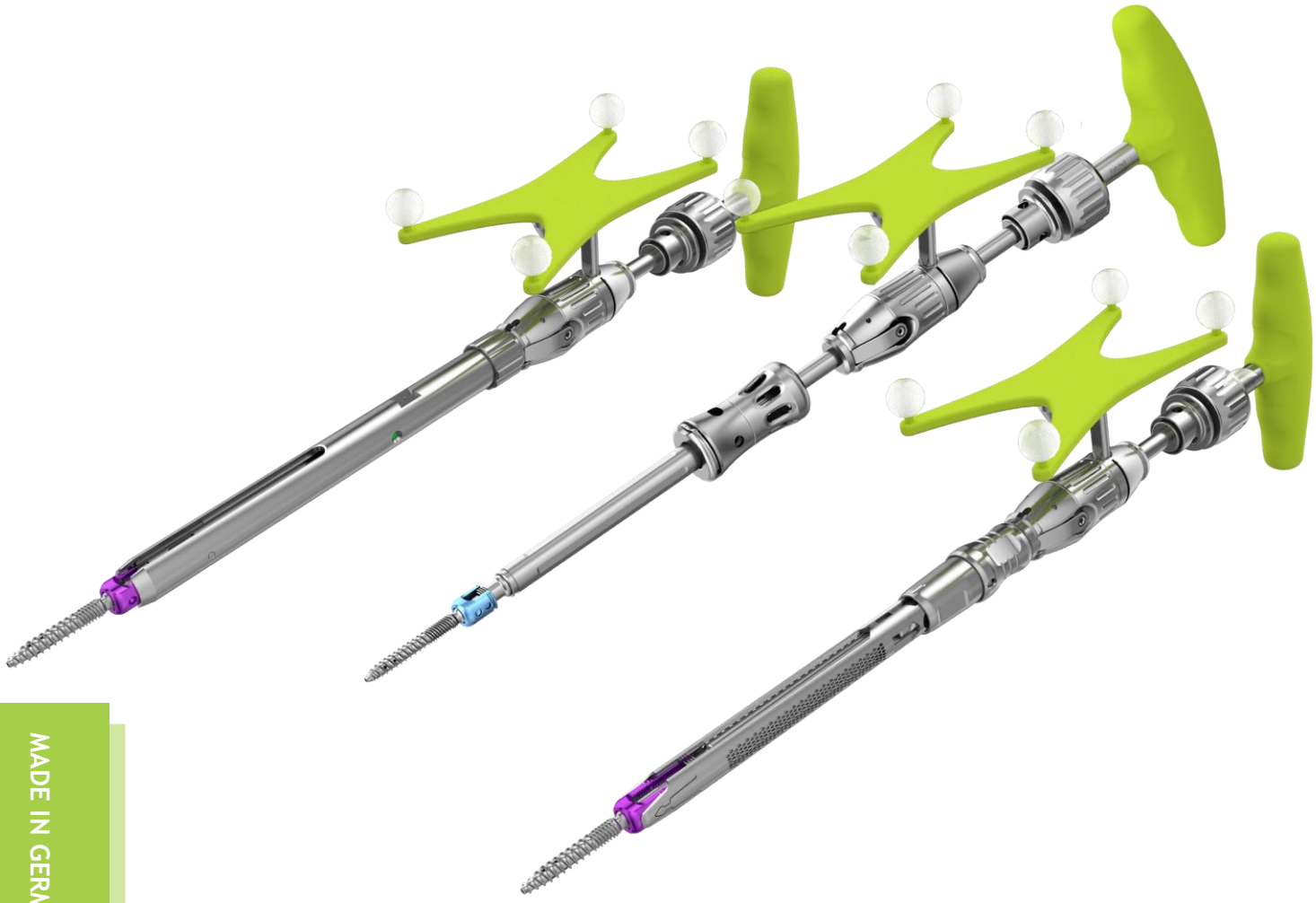
silony SPINE

VERTICALE®
Navigation

INSTRUMENTATION GUIDE



MADE IN GERMANY

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NOTE: The following guide is intended to familiarize you with the surgical procedure and use of the VERTICALE Navigation Instrumentation. This instrumentation guide supplements the guides for the VERTICALE Screw Rod System. Instruments from Silony Spine are processed, serviced, and cared for in accordance with the information given in the instructions for use. Please read this guide and the instructions for use accompanying the implants carefully before using the implant.

NOTE: Silony Spine is not a manufacturer of navigation systems or equipment. Please refer to the navigation company's software and user guides for instructions for use and training prerequisites on the navigation system. Instructions for use and handling of any third-party navigation systems in combination with Silony instruments are the responsibility of the hospital and navigation company. The navigation system should be set up per the manufacturer's instructions.

INTRODUCTION / PREFACE

Navigation Instruments for Silony Spine VERTICALE Screw Rod Systems
The Navigation Instruments for VERTICALE are designed for compatibility with

- the Medtronic StealthStation® Navigation System and the Medtronic NavLock™ tracker,
- the Brainlab Navigation System and the Brainlab Universal Instrument Adapters (StarLink™).
- the 7D Navigation System and the 7D Surgical Universal Tracking Set.

For general instructions on use, indications, contraindications and warnings refer to the following manuals and guides:

- VERTICALE OPEN, MIS, WINX and MultiLocking Screw Rod System Instrumentation Guide
- Instructions for Use - VERTICALE implants
- Instructions for Use – Reprocessing of Silony surgical instruments
- Medtronic's current navigation system software and user guides (StealthStation, NavLock™)
- Brainlab's current navigation system software and user guides (StarLink™)
- 7D Surgical's current navigation system software and user guides (Flash™)

Physicians and operators of the system, instruments and software should read all related (Silony Spine and third-party) user guides carefully before handling the equipment and have access to the user guides at all times. Prior to using the VERTICALE Navigated Instruments for VERTICALE Screw Rod Systems, the physicians and operators should review the Silony Spine VERTICALE System guides for their indications for use.
Silony Spine navigation instruments for VERTICALE Screw Rod Systems are NOT compatible with the implants from other manufacturers. The VERTICALE Navigation Instruments are intended for use with Silony Spine VERTICALE implants only:

- VERTICALE Pedicle screws with short & reduction head
- VERTICALE Polyaxial screw
- VERTICALE Monoaxial screw
- VERTICALE Uniplanar screw
- VERTICALE Revision / Iliac screw
- VERTICALE MultiLocking screw

Please consider the following additional information for Navigation use:
The VERTICALE Navigation Instruments are indicated for use during the preparation and insertion of VERTICALE and VERTICALE CERVICAL screws during spinal surgery to assist the surgeon in precisely locating anatomical structures in either open or minimally invasive procedures. These instruments are designed for use with the third party stereotactic navigation systems (Medtronic StealthStation™, Brainlab or 7D) software which are indicated for any medical condition in which the use of stereotactic surgery is suitable, and where reference to a rigid anatomical structure, such as vertebra, can be identified relative to a CT or MR based model, fluoroscopy images, or digitized orientation points of the anatomy.
Medical conditions which contraindicate the use of a computer-assisted surgery system and its associated applications with Silony Spine VERTICALE system include any medical conditions which may contraindicate the medical procedure itself.

PREPARATION OF NAVIGATION SYSTEM AND INSTRUMENTATION

Prerequisites on Navigation System, tracker and universal arrays

Note: For navigated instrumentation with Medtronic StealthStation, the hospital's Medtronic navigation instrument set must include the Medtronic NavLock™ trackers. For navigated instrumentation with Brainlab Navigation System, the hospital's instrument set must include the Brainlab universal instrument adapters (StarLink™). For navigated instrumentation with 7D Surgical, the hospital's instrument set must include the 7D Surgical calibration device and universal clamps and arrays. Silony Navigation Instruments require following the instructions for use for the respective
third-party navigation system and its navigation instruments, which are provided by the navigation system manufacturer. If the respective third-party navigation instrument set is not available at the hospital, the VERTICALE Navigation Instruments cannot be navigated. In the event that the respective third-party navigation instrument set is unavailable, a non-navigated technique using fluoroscopy and respective Silony Spine instrumentation may be adopted as per Silony Spine Instrumentation guides.
Warning. Instruments should only be used with the software version that has been validated.
Warning. Surgeons should be trained on the navigation system prior to performing the procedure.

Navigation System	**Respective Instrument tracker / Array**
Medtronic StealthStation System S8*	Medtronic NavLock™ tracker
Brainlab **	Brainlab Universal Instrument Adapters (StarLink™)
7D Surgical***	7D Surgical Universal Tracking Set

*Note: Position verification was performed with Medtronic StealthStation System S8 and Software Version 1.30-49.
**Note: Position verification was performed with Brainlab Curve Software Version 1.5.1.444.
*** Note: Position verification was performed with 7D Surgical Software – Spine Module 2.4.1.0^

NOTE: Refer to the Instructions for Use provided with each product. They may include additional advice that leads to exclusion of the implant procedure.

NOTE: A navigated percutaneous procedure using VERTICALE MultiLocking short-head screws isn't possible with the existing instruments.

Assembly of instruments

- Medtronic: Follow the instructions for NavLock™ tracker.
- Brainlab: Follow the instructions for universal instrument adapter clamps and arrays (StarLink™) for manual calibration of third-party instruments.
- 7D Surgical: Follow the instructions for 7D Surgical universal clamps and arrays and manual calibration of third-party instruments with the calibration device.

Pre-assembly of navigation tracker using third-party universal adapter clamps and arrays (e.g. Brainlab and 7D Surgical):

1. Assemble the third-party universal instrument adapter clamps and arrays according to the respective navigation manufacturer's instructions.
2. Rigidly connect the clamp of the third-party universal adapter to the prismatic interface of the VERTICALE Nav Adapter VI-7030 according to the respective navigation manufacturer's instructions. Always make sure that the clamp-array-assembly is fully seated on the prismatic interface. Hand tighten clamps, tight, to the best of your ability. Ensure clamp is secure and no movement or toggling can occur. Visually confirm clamp is correctly engaged. The array is oriented in line with VERTICALE Nav adapter's axis such that the array is pointing down to the instrument's working end when assembled in the next step.

Note: For selection on tracker type, clamp or array size please refer to the third-party's user guides. It is recommended to use the largest array size feasible for the instrument.

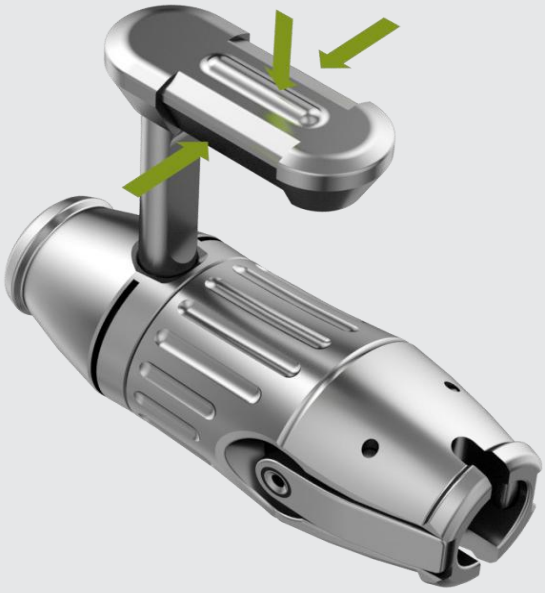


Fig. 1 VI-7030 VERTICALE Nav Adapter with prismatic interface for universal clamps. This single interface is used for either Brainlab or 7D clamps.

Third-party platform:	Brainlab Curve	7D Surgical Spine Module
Array:	Clamps and arrays on the Universal instrument Adapters (StarLink™)	7D Universal Tracking Clamps
Adapter:	VI-7030 VERTICALE Nav Adapter	
Calibration procedure and limitation:	Calibration procedure: manual calibration acc. to platform software. General limitation: Use of defined instruments AND rigid connection between universal clamps and adapter AND successful registration of the assembly in the corresponding software.	

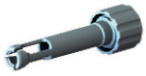
Both the VERTICALE Navigation Adapter with connected third-party universal clamps or the NavLock™ tracker are further denoted by 'navigation tracker' (or 'tracker').

Assembly of Navigated Shaft Instruments

GI-3111
Ratchet T-Handle

VI-7130
VERTICALE Nav SD Inner Shaft

VI-7135
VERTICALE Nav Insert MIS



VI-7136
VERTICALE Nav Insert WINX

Fig. 2 Attaching Navigation tracker to navigated shaft instrument.

1) Attach the corresponding Navigation tracker to the respective Navigation Instrument (awl, probe, tap or SD Inner Shaft) until it snaps into place, make sure that the Navigation tracker is securely connected to the respective instrument (Fig.2).

2) Attach Silony handle according to your preference to the proximal interface of the instrument shaft*.

3) Additional steps for Navigated Screw Driver

<u>OPEN Navigated Screwdriver</u> (Fig.3)
The navigated screwdriver consists of a Navigated Driver Shaft VI-7130 in combination with modular components of the VERTICALE Screwdriver VI-1130. Please refer to the instrument list section at the end of this guide for combination options. For further (dis-) assembly instructions of the modular screwdriver VI-1130, please refer to the supplemental information provided with the instruments.

1. Attach your desired outer sleeve option onto the basic core.
2. Instead of a non-navigated driver shaft, insert the VI-7130 SD Inner Shaft into the respective screwdriver basic core options.

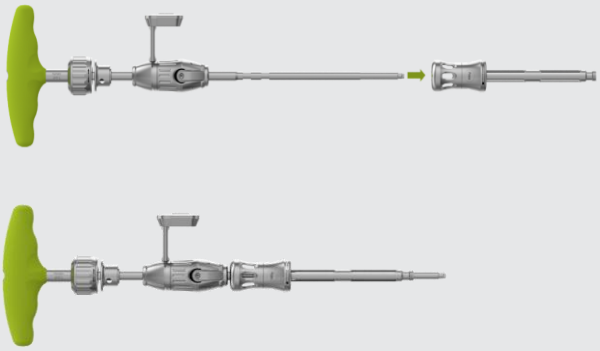


Fig. 3 Assembling Navigated screwdriver shaft with Basic Core of e.g. VI-1130.

Assembly of Navigated Shaft Instruments

MIS Navigated Screwdriver (Fig.4)
The navigated screwdriver consists of a Navigated Driver Shaft VI-7130 in combination with Nav Insert MIS VI-7135 and the Working Tower VI-4040. For (dis-)assembly instructions of the Working Tower, please refer to the VERTICALE MIS System Instrumentation Guide D60005.
Attach the Nav Insert MIS onto the Navigated Driver Shaft until it clicks into the designated groove in the shaft.

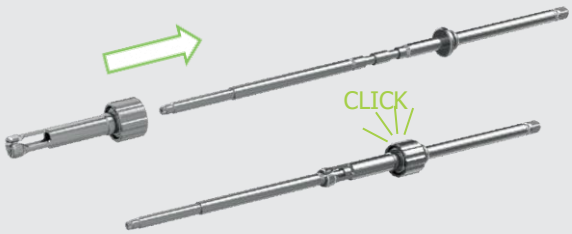


Fig. 4 Assembling Navigated screwdriver shaft with Basic Core of e.g. VI-1130.

WINX Navigated Screwdriver (Fig. 5)
The navigated screwdriver consists of a Navigated Driver Shaft VI-7130 in combination with Nav Insert WINX VI- 7136 and the WINX Blades 2.0 VI-4412. For (dis-)assembly instructions of the WINX Blades construct, please refer to the VERTICALE WINX Instrumentation Guide D60055.
Attach the Nav Insert WINX onto the Navigated Driver Shaft until it clicks into the designated groove in the shaft.

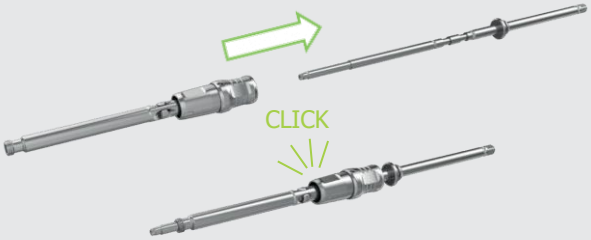


Fig. 5 Assembling Navigated Driver Shaft with Nav Insert WINX.

NOTE: If the tracker cannot be rigidly connected to the respective Silony Navigation Instrument, utilize Silony standard non-navigated surgical technique as described in the VERTICALE system guides. For registration instructions, please refer to the registration section.

NOTE: Do not use the same tracker type/geometry on two different instruments without new registration procedure.

Instrument Registration Instructions

Refer to the navigation manufacturer's current navigation software and user guides for patient referencing and instrument registration.

Follow the instructions for StealthStation and NavLock™ tracker.

For each instrument to be navigated with Medtronic StealthStation, assign the appropriate instrument tool card and NavLock™ tracker type/geometry (and screw size when using screw driver) in the navigation software that has been attached to the respective instrument.

Upon successful registration, the trajectory and location of the distal tip of the instrument or screw are visually represented within the software by the third-party instrument or screw selected from the corresponding tool cards. If you desire to change the tip of the virtual representation to reflect the diameter and length of the screw, follow the instructions of the chosen navigation system.

Brainlab: Follow the instructions for universal instrument adapter clamps and arrays (StarLink™) and manual calibration of third-party instruments with ICM4.

7D Surgical: Follow the instructions for 7D Surgical universal clamps and arrays and manual calibration of third-party instruments with the calibration device.

Using the VERTICALE Navigation shaft instruments with the VERTICALE Navigation adapter, requires manual registration and calibration. This means the respective Silony navigation instrument dimensions need to be acquired by the Navigation Software through a manual calibration process. VERTICALE Navigation Instruments can be used for manual calibration by using the respective navigation system manufacturer's clamps and arrays for general instrument calibration and following their instructions for use.

For each instrument to be navigated with Navigation Systems based on a manual calibration process, assign the appropriate generic instrument tool card and perform manual calibration according to the navigation manufacturer's instructions. For the screw driver always manually calibrate the instrument with each attached screw and re-calibrate after any change to the calibrated instrumentation assembly.

Instrumentation / Surgical Steps

General Notes on use of Navigation instruments

The following section describes only the specific steps for the use of VERTICALE Navigation instruments. For a general instrumentation guide for a dorsal VERTICALE standard instrumentation that forms the basis of all subsequent work steps, we ask you to study the appropriate instrumentation guide for the VERTICALE Screw Rod System.

Please review the following notes prior to using VERTICALE Navigation instruments.

- Prior to navigation, always confirm that accuracy of the instrument tip or tip of screw driver with rigidly connected screw is in an acceptable range for the intended use by positioning the navigated tip on an identifiable anatomical landmark and comparing the actual tip location to that displayed by the system.
- Assess navigational accuracy repeatedly throughout a procedure.
- After each change to the navigated instrumentation assembly in use (e.g. for each new screw; after re-attachment of tracker including array and spherical markers) when using a surgical navigation system, the navigated instrumentation assembly must be re-verified for accuracy.
- Discontinue use if inaccuracy is suspected.
- If the stereotactic navigation system does not appear to be accurate or registration of Silony instruments fails despite troubleshooting (e.g. resetting the system), do not rely on the navigation system. A non-navigated technique using fluoroscopy and respective Silony Spine instrumentation should be used as per Silony Spine Instrumentation guides.
- If the desired virtual screw or instrument diameter is not available in the software, use the next larger available size in diameter (e.g. Ø 5.2 mm screws → Software: select Ø 5.5 mm screw projection).
- At all times during use, ensure the navigation tracker is visible to the camera of the respective navigation system in use.
- For probes, taps and the screw driver, the navigation tracker will rotate around the instrument shaft. Please hold the tracker with the hand for permanent camera visibility of the array markers while using the instrument.
- For inserting taps and screws rotate proximal instrument handle clockwise, for removal rotate anti-clockwise.
- Some instruments are equipped with an anti-rotation pin. For these instruments, the navigation tracker will not rotate around the instrument shaft during use (only back and forth rotation allowed for permanent camera visibility).
- Care should be taken to avoid bending forces on registered instruments during navigation procedure as deflection can influence navigation accuracy.
- If instruments drop or may otherwise be damaged, re-verify them with respect to anatomical landmarks or use another instrument. Do not use any instrument if verification of anatomical landmarks fails. Omission to do so may lead to serious injury to the patient.
- Do not use the tracker and/or Silony Navigation instruments if any components appear to be loose, bent or otherwise damaged.
- Cannulated instruments (taps, screw driver) are available for using guide wires.
- The guide wires are not navigated instruments.
- Ensure that the length of the guide wire exceeds the length of implant, instrument and additional handle.
- Push the instrument over the placed guide wire
  - Ensure the guide wire remains securely in position throughout the entire duration of the procedure.
  - Remove the guide wire after screw insertion and confirming final screw position.

Position and approach

Please refer to the appropriate VERTICALE Instrumentation Guide for information on patient position and approach.

Opening the cortex of the pedicle

VI-7010
VERTICALE Nav Awl with Stop*

Assemble and register respective awl as described in assembly and registration section. Please refer to general notes section prior to navigation. Please refer to the appropriate VERTICALE Instrumentation Guide for information on opening the pedicle with an awl.

* Further instrument options can be found in the instrument list section at the end of this guide.

Open the pedicle canal with a probe

VI-7024
VERTICALE Nav Thoracic Probe*

VI-7025
VERTICALE Nav Lumbar Probe*

Assemble and register respective probe as described in assembly and registration section. Please refer to general notes section prior to navigation.
Please refer to the appropriate VERTICALE Instrumentation Guide for information on opening up the cancellous bone of the vertebral body with a probe.

* Further instrument options can be found in the instrument list section at the end of this guide.

Tapping (optional)

VI-7045
VERTICALE Nav Tap
4.5 + 5.2 mm*

VI-7067
VERTICALE Nav Tap
6.2 + 7.2 mm*

Assemble and register respective tap as described in assembly and registration section. Please refer to general notes section prior to navigation.
Please refer to the appropriate VERTICALE Instrumentation Guide for information on tapping with solid taps or cannulated taps in combination with guide wires for guided insertion.

* Further instrument options can be found in the instrument list section at the end of this guide.

Selection of screw

Select the VERTICALE pedicle screw type and size (length and diameter) based on pre-operative planning and fluoroscopic imaging. VERTICALE Pedicle screws with short & reduction head are compatible with VERTICALE Navigation Instruments:

- VERTICALE Polyaxial screw
- VERTICALE Monoaxial screw
- VERTICALE Uniplanar screw
- VERTICALE Revision / Iliac screw
- VERTICALE MultiLocking screw

Screw loading onto Navigated Screw Driver

VI-7130
VERTICALE Nav SD Inner Shaft

1) Assemble and register screw driver shaft as described in assembly and registration section.
2) Adjust for short or long head screws, in analogy to VI-1130, by pressing the button on the middle part of the handle of the Screw driver basic core and pulling or pushing the driver shaft into its dedicated position.
3) Loading screw

Open procedure, in analogy to VI-1130 (Fig. 6)
The VERTICALE pedicle screwdriver tip is first inserted deeply into the inner drive feature of the screw shaft. After that, the internal thread of the screw head is connected to the external thread of the instrument by rotating clockwise and applying gentle downward force with the instrument shaft.
→ For full instructions please refer to VERTICALE OPEN Instrumentation Guide D60000 and supplemental information provided with the instrument.

Fig. 6 Navigated screwdriver with loaded screw.

MIS procedure (Fig. 7)
1. Assemble the desired pedicle screw on the Working Tower VI-4040 according to VERTICALE MIS System Instrumentation Guide D60005.
2. Insert the assembled navigated screw driver shaft into the assembled Working Tower and fixate it by turning the Nav Insert MIS in.

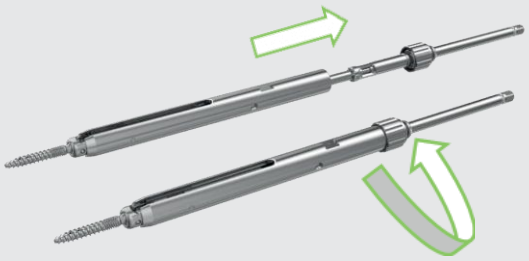


Fig. 7 MIS Working Tower with loaded screw.

WINX procedure (Fig. 8)
1. Assemble the Winx Blades 2.0 onto the desired pedicle screw according to VERTICALE WINX Instrumentation Guide D60055.
2. Insert the assembled navigated screwdriver shaft into the assembled WINX Blades 2.0 construct and fixate it by turning in the Nav Insert WINX.construct and fixate it by turning in the Nav Insert WINX.

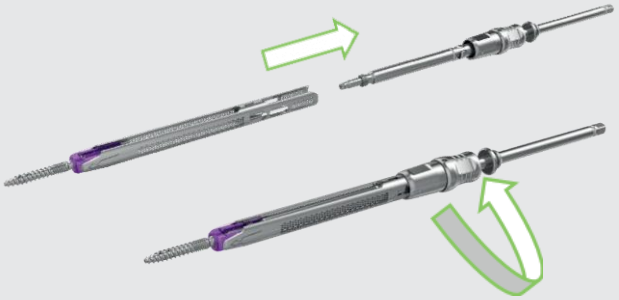


Fig. 8 Assembled WINX Blades 2.0 with loaded screw.

NOTE: Please ensure the screw driver tip is fully seated in the screw drive feature and the connection is rigid after tightening.

Screw insertion

NOTE: The tip position of the navigated instrument with loaded screw must be verified for accuracy prior to use when using a navigation system. Please refer to general notes section prior navigation.

Please refer to the appropriate VERTICALE Instrumentation Guide for information on inserting the pedicle screw and disengaging the screw driver.

NOTE: Do not hold the middle handle of the screw driver VI-1130 basic core until disengaging the screw driver from the screw.

Insertion of additional screws

For insertion of additional screws, follow the previous steps for the remaining screws.

NOTE: If the screw is changed, the tip position of the navigated instrument with loaded new screw must be re-verified for accuracy prior to use. Please refer to general notes section.

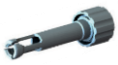
Further surgical steps

Please refer to the VERTICALE system instrumentation guides for information on further surgical steps after screw placement or the implant removal procedure to complete surgery.

VERTICALE NAVIGATION PRODUCT INFORMATION

The following section gives an overview on compatible instruments of the VERTICALE Screw Rod System.

VERTICALE Navigation Instruments

Article number	Description	Corresponding StealthStation Toolcard	Medtronic Toolcard Part Number	Illustration
VI-1130*	VERTICALE Screw Driver T25	————	————	
VI-7010	VERTICALE Nav Awl with stop	Awl Sharp	9734678	
VI-7020	VERTICALE Nav Awl Starter	Awl Sharp	9734678	
VI-7024	VERTICALE Nav Thoracic Probe	Probe Thoracic	9734680	
VI-7025	VERTICALE Nav Lumbar Probe	Probe Lumbar	9734679	
VI-7028	VERTICALE Nav Iliac Probe	Probe Lumbar	9734679	
VI-7034	VERTICALE Nav Awl Tap 4.5 mm	Solera 4.5 mm Tap	9734298	
VI-7045	VERTICALE Nav Tap 4.5 + 5.2 mm	Solera 4.5 mm or 5.5 mm Tap	9734298 or 9734300	
VI-7067	VERTICALE Nav Tap 6.2 + 7.2 mm	Solera 6.5 mm Tap or Solera 7.5 mm Tap	9734302 or 9734303	
VI-7089	VERTICALE Nav Tap 8.2 + 9.2 mm	Solera 8.5 mm Tap	9734304	
VI-7102	VERTICALE Nav Tap 10.2 mm	Solera 8.5 mm Tap	9734304	
VI-7130	VERTICALE Nav SD Inner Shaft	Solera 4.75 Standard Driver or Solera 5.5/6.0 MAS Driver or Legacy PEEK Driver	9734279 or 9735023 or 9734278	
VI-7135	VERTICALE Nav Insert MIS	————	————	
VI-7136	VERTICALE Nav Insert WINX	————	————	
VI-7145	VERTICALE Nav Tap 4.5 + 5.2 mm, can	Solera 4.5 mm Tap or Solera 5.5 mm Tap	9734298 or 9734300	
VI-7167	VERTICALE Nav Tap 6.2 + 7.2 mm, can	Solera 6.5 mm Tap or Solera 7.5 mm Tap	9734302 or 9734303	
VI-7189	VERTICALE Nav Tap 8.2 + 9.2 mm, can	Solera 8.5 mm Tap	9734304	
VI-7202	VERTICALE Nav Tap 10.2 mm, can	Solera 8.5 mm Tap	9734304	

* VERTICALE Open Screwdriver options compatible with VI-7130:
Basic Core VI-1130.1 or VI-1131.1 with Outer Sleeve VI-1130.2

For a full article list of pedicle screws and further associated implants (e.g. rods, set screw etc.), please refer to the following instrumentation guides of VERTICALE systems.

- VERTICALE OPEN (D60000): /VERTICALE MIS (D60005) / VERTICALE WINX (D60055)
  - VERTICALE Polyaxial / Monoaxial / Uniplanar / Revision / Iliac screw

- VERTICALE MultiLocking (D60065)
  - VERTICALE MultiLocking screw

The following table contains information on navigation compatible VERTICALE pedicle screw assemblies and the associated toolcard that should be selected when that assembly is utilized in a navigation procedure.

Silony Implant	Corresponding StealthStation Toolcard	Medtronic Toolcard Part Number
VERTICALE Screws Ø 4.5 x 25mm	Solera Ø 4.5 x 25mm	54840004525
VERTICALE Screws Ø 4.5 x 30mm	Solera Ø 4.5 x 30 mm	54840004530
VERTICALE Screws Ø 4.5 x 35mm	Solera Ø 4.5 x 35 mm	54840004535
VERTICALE Screws Ø 4.5 x 40mm	Solera Ø 4.5 x 40 mm	54840004540
VERTICALE Screws Ø 4.5 x 45mm	Solera Ø 4.5 x 45 mm	54840004545
VERTICALE Screws Ø 4.5 x 50mm	Solera Ø 4.5 x 50 mm	54840004550
VERTICALE Screws Ø 5.2 x 25mm	Solera 5.5/6.0 MAS Ø 5.5 x 25 mm	55840005525
VERTICALE Screws Ø 5.2 x 30mm	Solera 5.5/6.0 MAS Ø 5.5 x 30 mm	55840005530
VERTICALE Screws Ø 5.2 x 35mm	Solera 5.5/6.0 MAS Ø 5.5 x 35 mm	55840005535
VERTICALE Screws Ø 5.2 x 40mm	Solera 5.5/6.0 MAS Ø 5.5 x 40 mm	55840005540
VERTICALE Screws Ø 5.2 x 45mm	Solera 5.5/6.0 MAS Ø 5.5 x 45 mm	55840005545
VERTICALE Screws Ø 5.2 x 50mm	Solera 5.5/6.0 MAS Ø 5.5 x 50 mm	55840005550
VERTICALE Screws Ø 5.2 x 55mm	Solera 5.5/6.0 MAS Ø 5.5 x 55 mm	55840005555
VERTICALE Screws Ø 5.2 x 60mm	Solera 5.5/6.0 MAS Ø 5.5 x 60 mm	55840005560
VERTICALE Screws Ø 6.2 x 25mm	Solera 5.5/6.0 MAS Ø 6.5 x 25 mm	55840006525
VERTICALE Screws Ø 6.2 x 30mm	Solera 5.5/6.0 MAS Ø 6.5 x 30 mm	55840006530
VERTICALE Screws Ø 6.2 x 35mm	Solera 5.5/6.0 MAS Ø 6.5 x 35 mm	55840006535
VERTICALE Screws Ø 6.2 x 40mm	Solera 5.5/6.0 MAS Ø 6.5 x 40 mm	55840006540
VERTICALE Screws Ø 6.2 x 45mm	Solera 5.5/6.0 MAS Ø 6.5 x 45 mm	55840006545
VERTICALE Screws Ø 6.2 x 50mm	Solera 5.5/6.0 MAS Ø 6.5 x 50 mm	55840006550
VERTICALE Screws Ø 6.2 x 55mm	Solera 5.5/6.0 MAS Ø 6.5 x 55 mm	55840006555
VERTICALE Screws Ø 6.2 x 60mm	Solera 5.5/6.0 MAS Ø 6.5 x 60 mm	55840006560

VERTICALE Implants

Silony Implant	Corresponding StealthStation Toolcard	Medtronic Toolcard Part Number
VERTICALE Screws Ø 7.2 x 25mm	Solera 5.5/6.0 MAS Ø 7.5 x 25mm	55840007525
VERTICALE Screws Ø 7.2 x 30mm	Solera 5.5/6.0 MAS Ø 7.5 x 30mm	55840007530
VERTICALE Screws Ø 7.2 x 35mm	Solera 5.5/6.0 MAS Ø 7.5 x 35 mm	55840007535
VERTICALE Screws Ø 7.2 x 40mm	Solera 5.5/6.0 MAS Ø 7.5 x 40 mm	55840007540
VERTICALE Screws Ø 7.2 x 45mm	Solera 5.5/6.0 MAS Ø 7.5 x 45 mm	55840007545
VERTICALE Screws Ø 7.2 x 50mm	Solera 5.5/6.0 MAS Ø 7.5 x 50 mm	55840007550
VERTICALE Screws Ø 7.2 x 55mm	Solera 5.5/6.0 MAS Ø 7.5 x 55 mm	55840007555
VERTICALE Screws Ø 7.2 x 60mm	Solera 5.5/6.0 MAS Ø 7.5 x 60 mm	55840007560
VERTICALE Screws Ø 7.2 x 70mm	Solera 5.5/6.0 MAS Ø 7.5 x 70 mm	55840007570
VERTICALE Screws Ø 7.2 x 80mm	Solera 5.5/6.0 MAS Ø 7.5 x 80 mm	55840007580
VERTICALE Screws Ø 8.2 x 40mm	Solera 5.5/6.0 MAS Ø 8.5 x 40 mm	55840008540
VERTICALE Screws Ø 8.2 x 45mm	Solera 5.5/6.0 MAS Ø 8.5 x 45 mm	55840008545
VERTICALE Screws Ø 8.2 x 50mm	Solera 5.5/6.0 MAS Ø 8.5 x 50 mm	55840008550
VERTICALE Screws Ø 8.2 x 55mm	Solera 5.5/6.0 MAS Ø 8.5 x 55 mm	55840008555
VERTICALE Screws Ø 8.2 x 60mm	Solera 5.5/6.0 MAS Ø 8.5 x 60 mm	55840008560
VERTICALE Screws Ø 8.2 x 70mm	Solera 5.5/6.0 MAS Ø 8.5 x 70 mm	55840008570
VERTICALE Screws Ø 8.2 x 80mm	Solera 5.5/6.0 MAS Ø 8.5 x 80 mm	55840008580
VERTICALE Screws Ø 8.2 x 90mm	Solera 5.5/6.0 MAS Ø 8.5 x 90 mm	55840008590
VERTICALE Screws Ø 8.2 x 100mm	Solera 5.5/6.0 MAS Ø 8.5 x 100 mm	55840008500
VERTICALE Screws Ø 9.2 x 40mm	Solera 5.5/6.0 MAS Ø 9.5 x 40 mm	55840009540
VERTICALE Screws Ø 9.2 x 45mm	Solera 5.5/6.0 MAS Ø 9.5 x 45 mm	55840009545
VERTICALE Screws Ø 9.2 x 50mm	Solera 5.5/6.0 MAS Ø 9.5 x 50 mm	55840009550
VERTICALE Screws Ø 9.2 x 55mm	Solera 5.5/6.0 MAS Ø 9.5 x 55 mm	55840009555
VERTICALE Screws Ø 9.2 x 60mm	Solera 5.5/6.0 MAS Ø 9.5 x 60 mm	55840009560
VERTICALE Screws Ø 9.2 x 70mm	Solera 5.5/6.0 MAS Ø 9.5 x 70 mm	55840009570
VERTICALE Screws Ø 9.2 x 80mm	Solera 5.5/6.0 MAS Ø 9.5 x 80 mm	55840009580
VERTICALE Screws Ø 9.2 x 90mm	Solera 5.5/6.0 MAS Ø 9.5 x 90 mm	55840009590
VERTICALE Screws Ø 9.2 x 100mm	Solera 5.5/6.0 MAS Ø 9.5 x 100 mm	55840009500
VERTICALE Screws Ø 10.2 x 40mm	Solera 5.5/6.0 MAS Ø 10.5 x 40 mm	55840001540

VERTICALE Implants

Silony Implant	Corresponding StealthStation Toolcard	Medtronic Toolcard Part Number
VERTICALE Screws Ø 10.2 x 45mm	Solera 5.5/6.0 MAS Ø 10.5 x 45 mm	55840001545
VERTICALE Screws Ø 10.2 x 50mm	Solera 5.5/6.0 MAS Ø 10.5 x 50 mm	55840001550
VERTICALE Screws Ø 10.2 x 55mm	Solera 5.5/6.0 MAS Ø 10.5 x 55 mm	55840001555
VERTICALE Screws Ø 10.2 x 60mm	Solera 5.5/6.0 MAS Ø 10.5 x 60 mm	55840001560
VERTICALE Screws Ø 10.2 x 70mm	Solera 5.5/6.0 MAS Ø 10.5 x 70 mm	55840001570
VERTICALE Screws Ø 10.2 x 80mm	Solera 5.5/6.0 MAS Ø 10.5 x 80 mm	55840001580
VERTICALE Screws Ø 10.2 x 90mm	Solera 5.5/6.0 MAS Ø 10.5 x 90 mm	55840001590
VERTICALE Screws Ø 10.2 x 100mm	Solera 5.5/6.0 MAS Ø 10.5 x 100 mm	55840001500

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