Eminent Spine SI Screw System

S2AI Approach

Technique Guide – Rev A

The Eminent Spine SI Screw System creates better fusion through a more comprehensive implant offering, superior fusion, built-in compression, and repeatable technique in the Sacro-Iliac joint.

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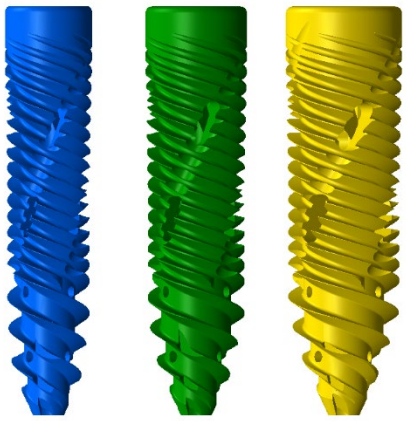
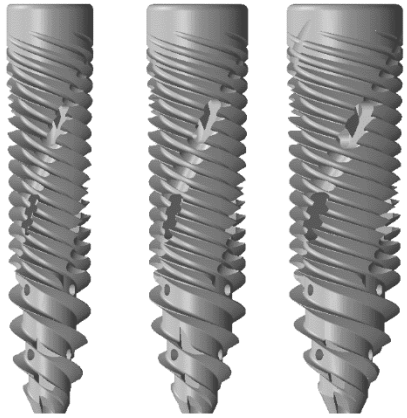
Eminent Spine does not practice medicine. This technique was developed in conjunction with health care professionals. This document is intended for surgeons and is not intended for laypersons. Each surgeon should exercise his or her own independent judgment in the diagnosis and treatment of an individual patient, and this information does not purport to replace the comprehensive training surgeons have received. As with all surgical procedures, the technique used in each case will depend on the surgeon's medical judgment as the best treatment for each patient. Results will vary based on health, weight, activity and other variables. Not all patients are candidates for this product and/or procedure.

IMPLANT OVERVIEW

HEADLESS OPTIONS



Machined Ti



3D Printed Ti

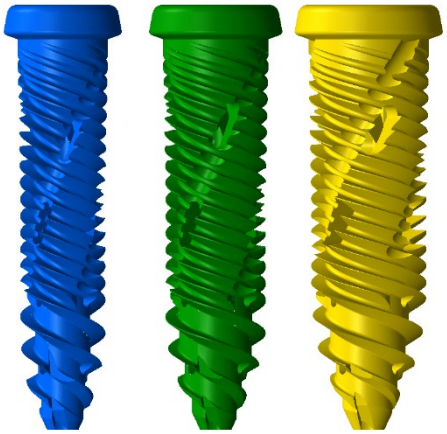
Diameters

Ø8.5mm
Ø10.0mm
Ø11.5mm
Ø13.0mm

Lengths

20-90mm, 5mm increments

HEADED OPTIONS



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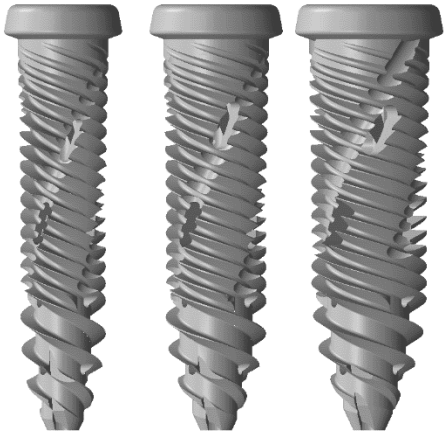

3D Printed Ti

Diameters

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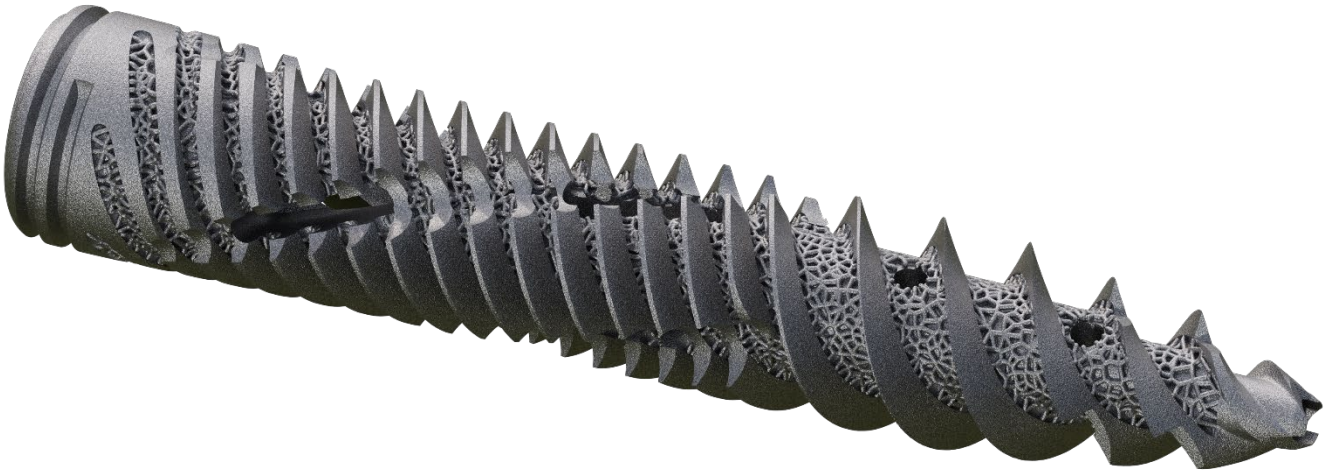
Lengths

20-90mm, 5mm increments

IMPLANT FEATURES



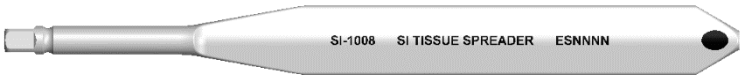
+Self-Tapping Tip	better control and accuracy
+Triple Lead Thread	faster insertion, less turns to drive implant, premium pullout strength
+Cortical / Cancellous Thread	properly fits anatomy of the sacro-iliac joint
+Standard T30 Hexalobe Driver	strongest driver possible, fits all screw profiles
+2.8mm Pin Cannulation	standard cannulation, wire approach
+3X-6X Fenestration	pre-pack or post-pack implant for added fusion
+3X Collection Grooves	counter-patterned helix for bone collection during placement
+3X-9X Collection Slots	counter-patterned for additional bone collection
+Threaded Joint Compression	tapered minor thread for bone fixation + compression in the joint
+Diameter Joint Compression	flared outer diameter for bone fixation + compression in the joint
+Surfaced Machined Implants	improved fusion via bone on-growth on screw surface
+3D Printed Implants	premium fusion via bone on-growth on 3D screw lattice
+Removal Option	reverse-thread removal on head

INSTRUMENT OVERVIEW

SI Target Tap

2.8mm Blunt Pin

Pin Holder



Tissue Spreader

Depth Dilator

Posterior Dilator

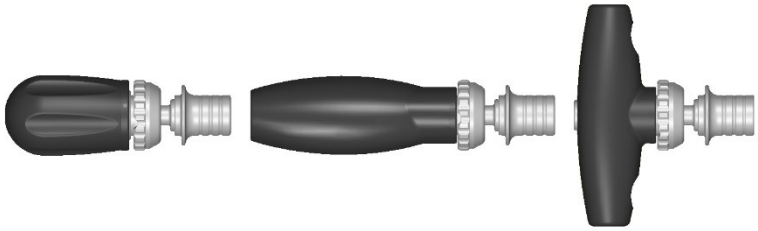
Dilator Handle

Drill Series

Tap Series

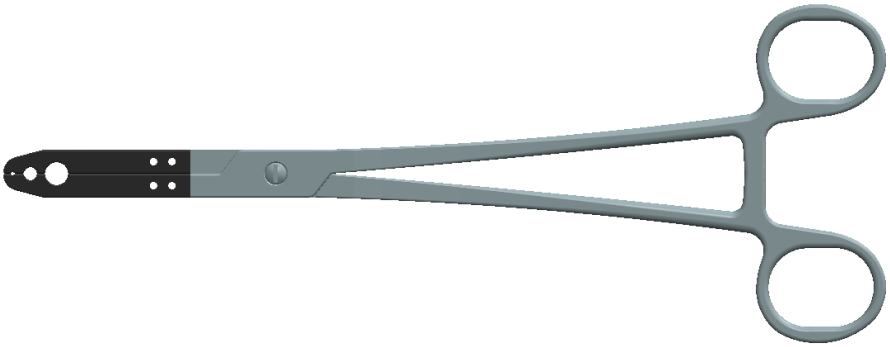
Screw Driver

Depth Stopper

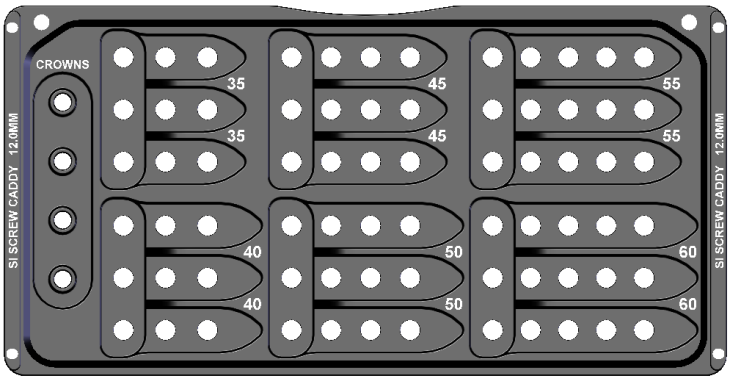


¼ Drive Handles

Mallet



Radiolucent Kocher

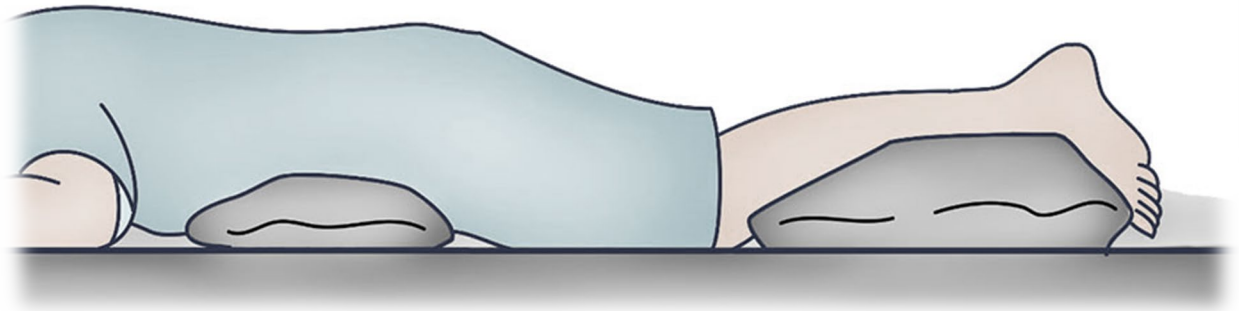


Caddy

SURGICAL TECNIQUE

S2AI APPROACH

PATIENT POSITIONING



To perform the posterior approach, the patient is positioned prone on the radiolucent table and draped according to surgeon preference. The surgeon stands across, or contralateral to the operative sacroiliac target, which helps the surgeon's line of view down the extraarticular recess. The patient should be supported on each side of the body and positioned in an anteroposterior plane.

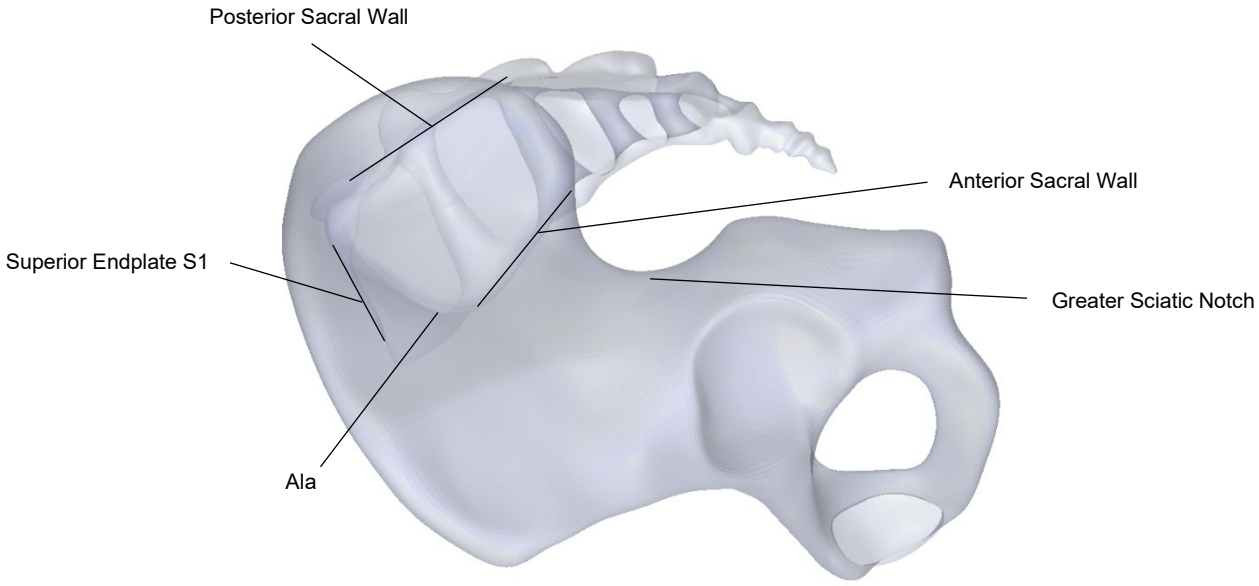
Due to the shape of the sacroiliac joint, and the variance between each patient's anatomy, the fluoroscopic images need to be confirmed in multiple views. Check for anatomic abnormalities.

Proper orientation of the fluoroscope and identification of the sacroiliac joint boundaries is important for implantation safety and accuracy. Once patient positioning has been completed, make sure the C-arm can move freely to acquire the AP, AP Oblique Outlet, and Lateral views. To accomplish this, the C-arm base should be placed at a true right angle to the patient.

X-RAY IMAGING TECHNIQUE – LATERAL VIEW

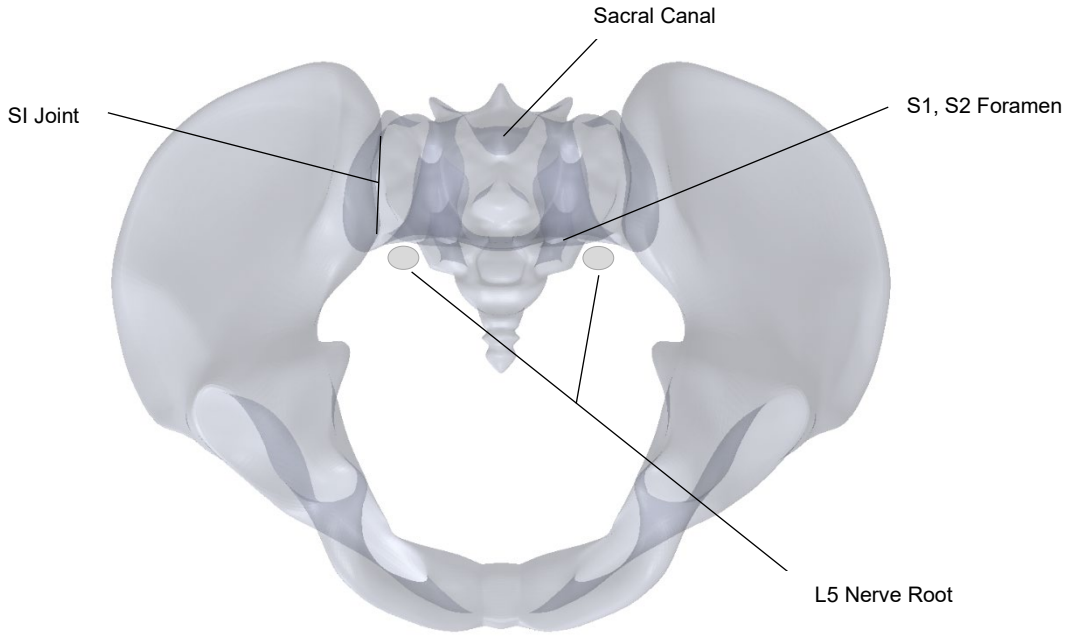
Fluoroscopy is positioned directly at the sacrum. The lateral view is useful in determining the implant depth and placement within the sacroiliac joint. This view shows the alar lines, posterior and anterior sacral walls, and the S1 endplate to be viewed. In addition, the greater sciatic notches and hip joints should be aligned. The joint has a rostral border called the alar slope line, which is produced by the iliocortical densities. The caudal border of the joint is 4mm-5mm above the greater sciatic notch and is 4mm-5mm rostral to the posterior inferior iliac spine, otherwise known as the PIIS. The anterior border of the joint is formed by a curvilinear line between the rostral and caudal borders.

If these markers are indistinct because of bowel gas or soft tissue size, the hips can be adjusted for orientation / alignment.



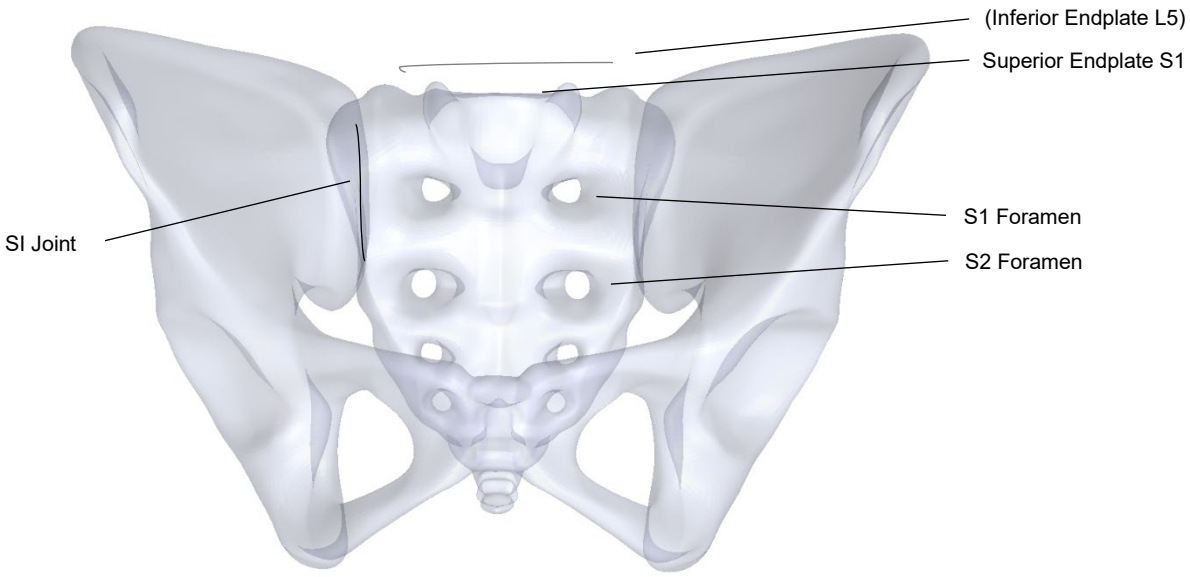
X-RAY IMAGING TECHNIQUE – AP INLET VIEW

Fluoroscopy is adjusted to 15-25 degrees oblique outlet cephalad, depending on patient anatomy and initial positioning. The AP scope of view should image the entire anterior column, from the superior acetabulum, across the SI joint, to the base of the L5-S1 disc space. This c-arm view allows the sacral foramen to be viewed in an open position. For true AP views, the patient rotation must be corrected.



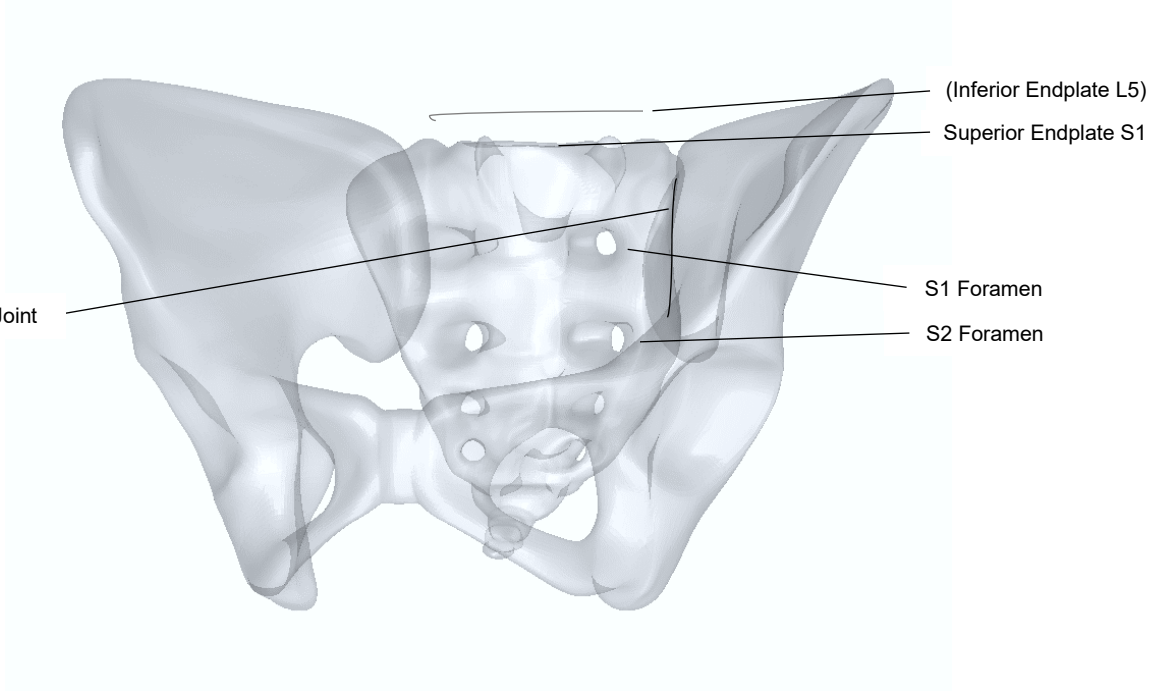
X-RAY IMAGING TECHNIQUE – AP OUTLET VIEW

With the C-arm in the AP position, fluoroscopy is then positioned 15-25 degrees oblique inlet caudal, which allows the pelvic brim to be viewed.



X-RAY IMAGING TECHNIQUE – TEARDROP VIEW

With the C-arm in the AP position, fluoroscopy is then positioned 15-25 degrees oblique inlet caudal, which allows the pelvic brim to be viewed.

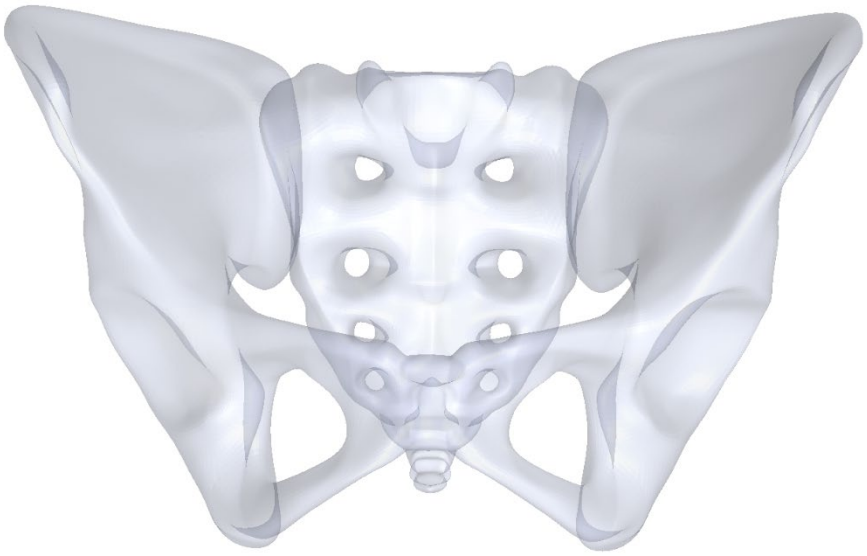


TARGETING INSTRUCTIONS

Use fluoroscopy in the AP Outlet view of the pelvis for visualization of the sciatic notch. The placement and projection of the implant and supportive instrumentation should be within 20mm cephalad of the sciatic notch when advancing toward the anterior inferior iliac spine, or AIIS.

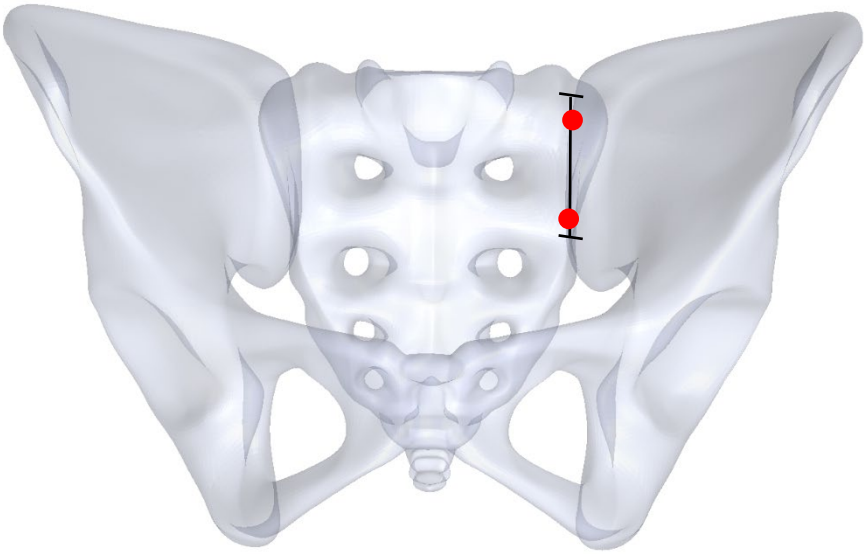
Use fluoroscopy in an inlet view to confirm the mapped path has not violated the ventral cortex of the pelvis.

Use fluoroscopy in a teardrop view to confirm the anterior posterior trajectory is within the anatomy of the iliac tables. Obturator oblique with approximately a 30-degree caudal and 30-degree lateral projection.



IMPLANT MAPPING

The posterior technique can use 1-3 implants in the surgical zone, depending on patient anatomy, pre-existing or future hardware in the local SI joint space, and other factors. Using the marked surgical zone, map out how many posterior implants will be used in the patient. Implants should be mapped in such a way that the full body of the implant will stay in the surgical zone all the way through the joint, and that the projection of these posterior implants will not converge.

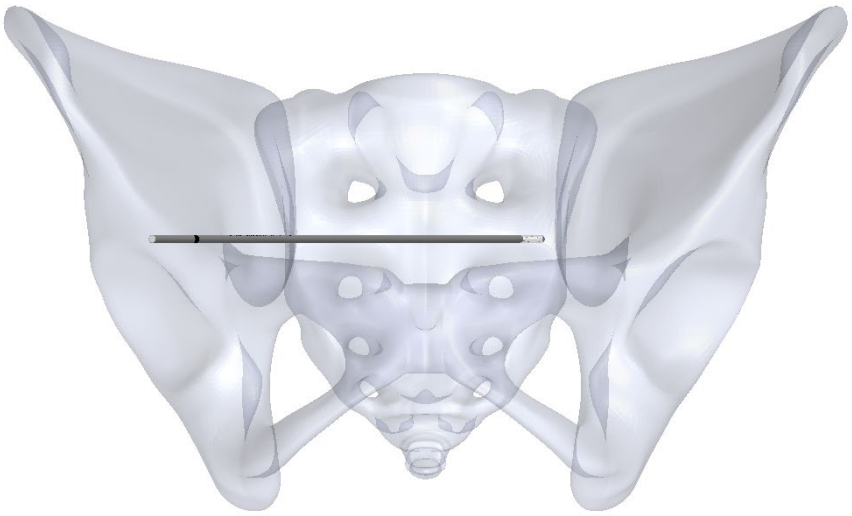


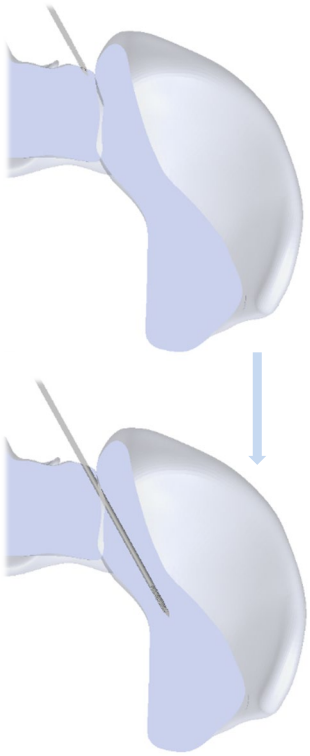
INSERT GUIDE PIN

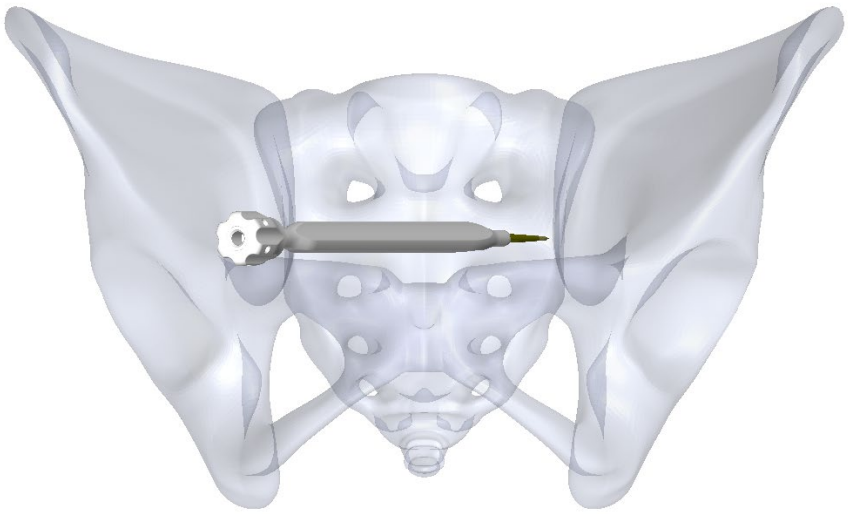
Align the C-arm in the oblique outlet view. Use a guide pin to locate and target between the S1 and S2 dorsal foramen, and in line with the lateral border of the foramen. Advance the pin toward the anterior inferior iliac spine, which can be found by palpating the top of the greater trochanter. Use fluoroscopy to check the depth of the pin until the final depth is confirmed.

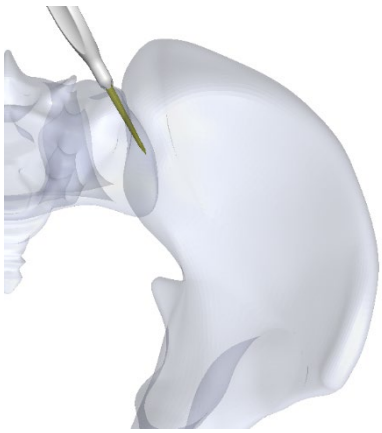
The target tap can be introduced first, using the landmarks described above, by first advancing the tool until the outer sleeve docks into the targeted area. Once docked, remove the inner sleeve and advance a guide wire to the desired depth.

You can confirm the final placement of the pin by checking the oblique and lateral views.



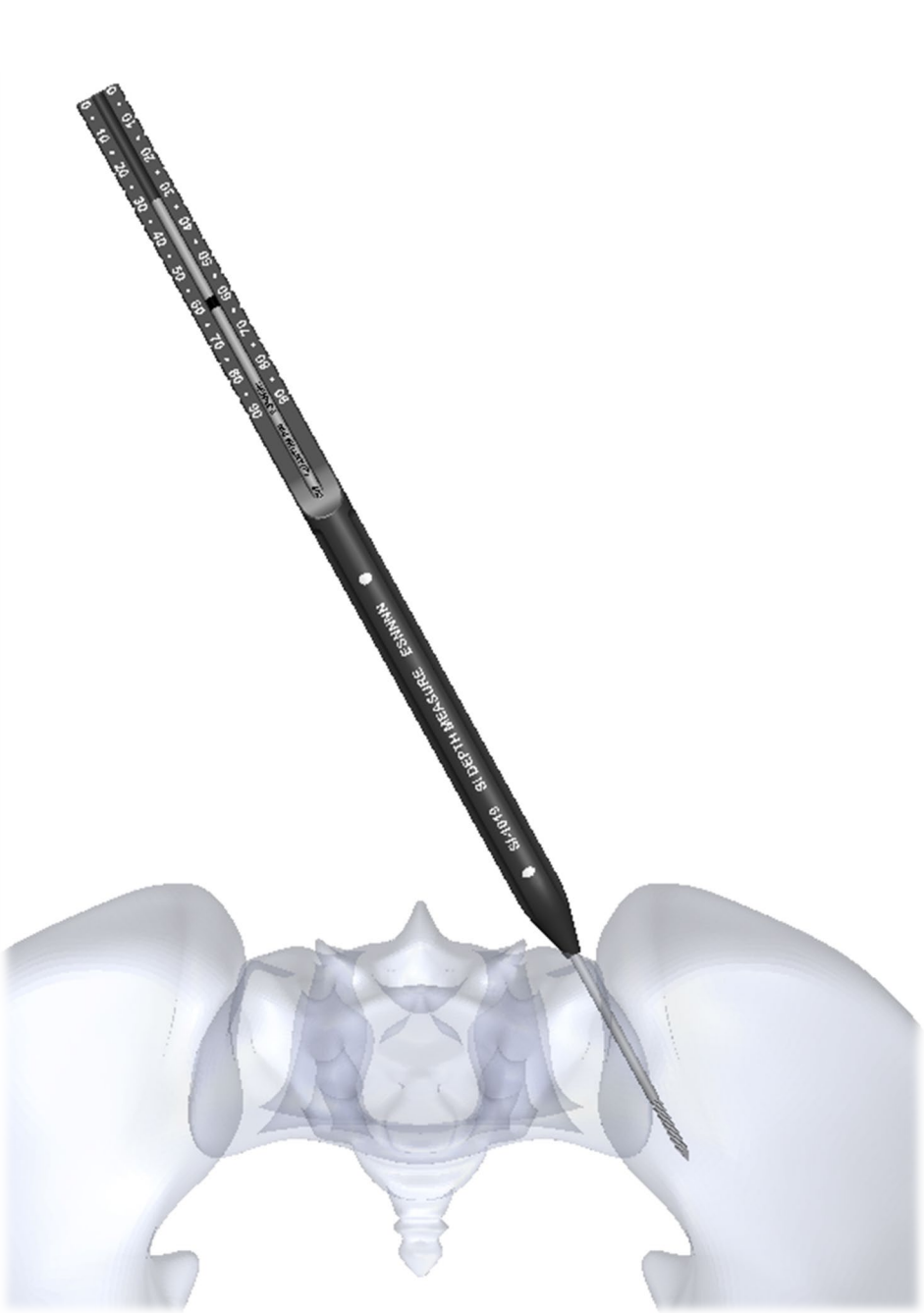


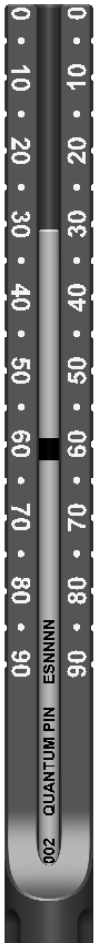




DILATE & MEASURE

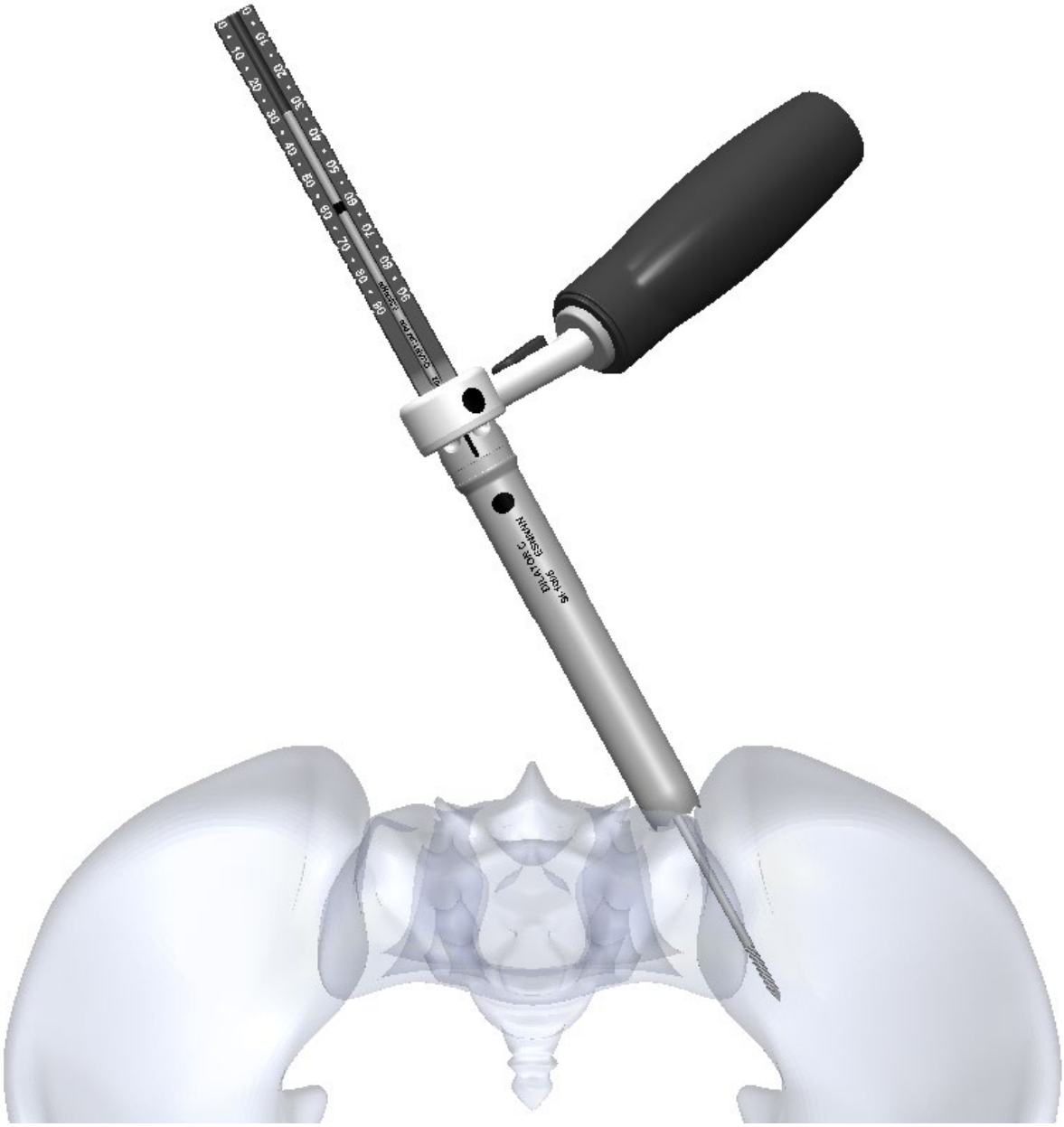
Place the first dilator over the pin. Push down by hand until the tip seats into the top of the bone. This dilator has depth markings to record the current depth. The pin has a thick black line to indicate the current depth of the pin. Read the current depth marking and determine if this is the length of implant that will be used in this location. If you want to use a different length implant, you can either adjust the depth of the pin, or you can simply use a different length at the time of implantation.





FINAL DILATOR

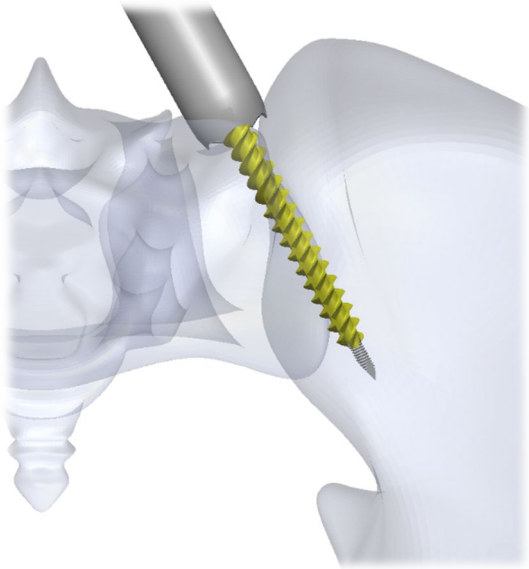
Place the final dilator over the first dilator. Push down by hand until the tip seats into the top of the bone. If needed, lightly tap the dilator into the joint, until the prongs have a solid hold in the joint. There is an adaptor handle that can attach to the handle for added guidance.

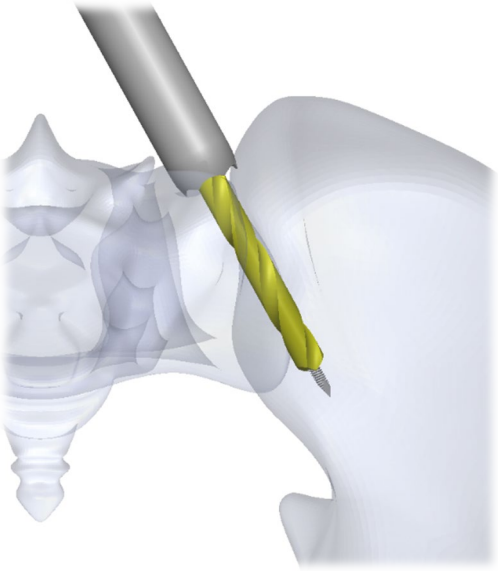


DRILL / TAP

Remove the inner dilator and be careful not to allow the pin to migrate. You can use a kocher to help stabilize the pin while removing the inner dilator. After the inner dilator is removed, slide a cannulated drill or tap over the guide wire and through the outer dilator. The drill or tap can be connected to ¼ drive handle options, or a ¼ adapted drill. Once drilled, remove the tool and be careful not to let the pin migrate.

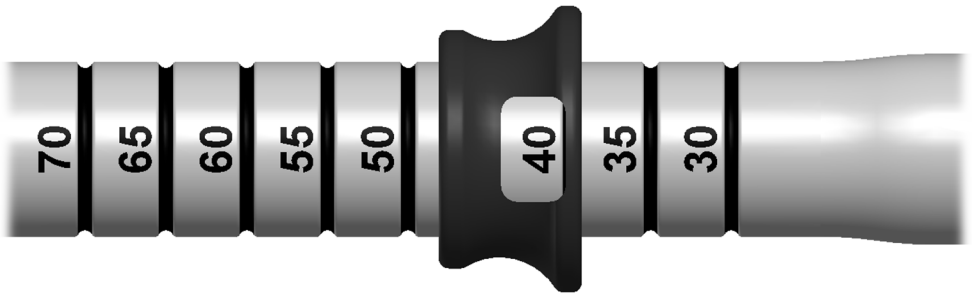
The drill and tap can also be fitted with a depth stopper. This stopper snaps onto the tool shaft and can be set to the appropriate pre-measured implant length, or any other determined measurement. When the drill or tap cuts into the joint, the stopper will bottom out on the outer dilator.





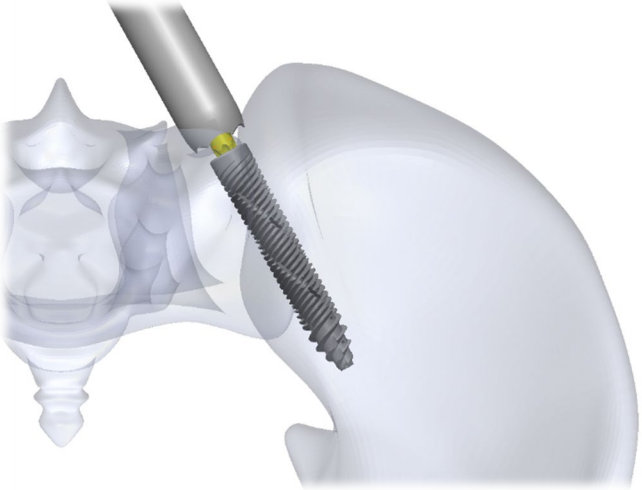
DEPTH STOPPER

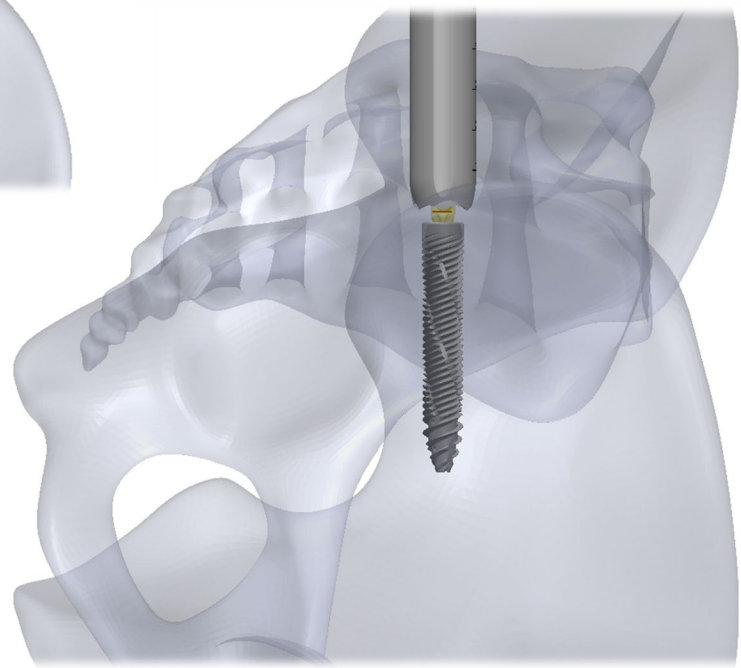
The depth stoppers can be used to control the depth of a drill, tap, or screw driver / implant. To set the stopper, pre-select the desired length and clip the stopper onto the tool. The window of the stopper indicates what depth is selected.



SCREW DRIVER / IMPLANT

Select the implant that will be used for implantation. The screw driver has a tapered fit on the screw, but bone wax may also be used if desired. Additionally, a depth stopper may be fitted to the driver. Slide the cannulated screw driver over the guide pin, through the final dilator, and advance the implant in a clockwise rotation into the joint, to the desired depth. Fluoroscopy can be used to check the final depth and to make any adjustments. Implant final position should be even or set under the top of the joint.

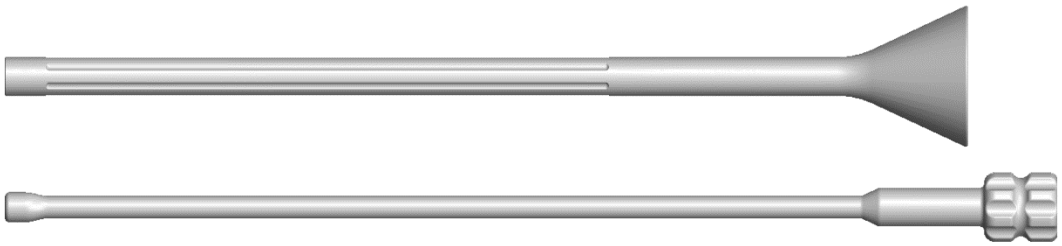




BIOLOGICS

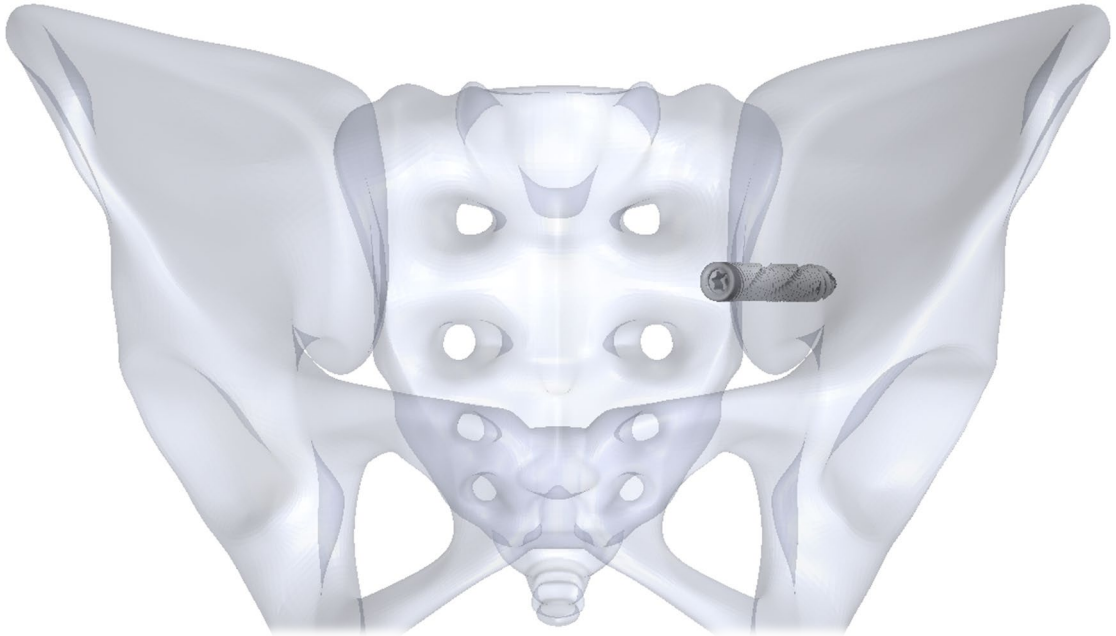
Before and prior to implantation, biologics may be packed into the joint space, or on the implant. The implant is cannulated and has fenestration, grooves, and slots to allow bone to fuse through the implant. A bone funnel or syringe, or another device can be inserted through the final dilator and pressed into the joint.

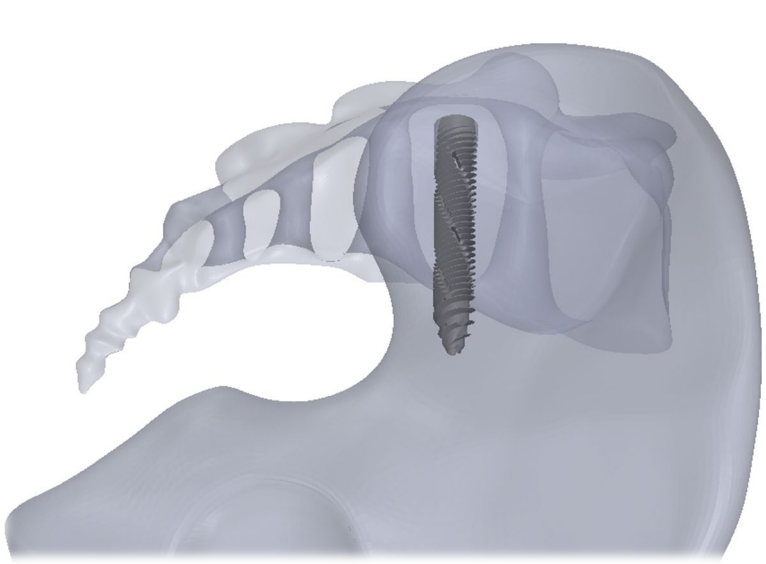
If the tap or drill can harvest patient bone, that autologous bone may be mixed into a biologic compound as well.

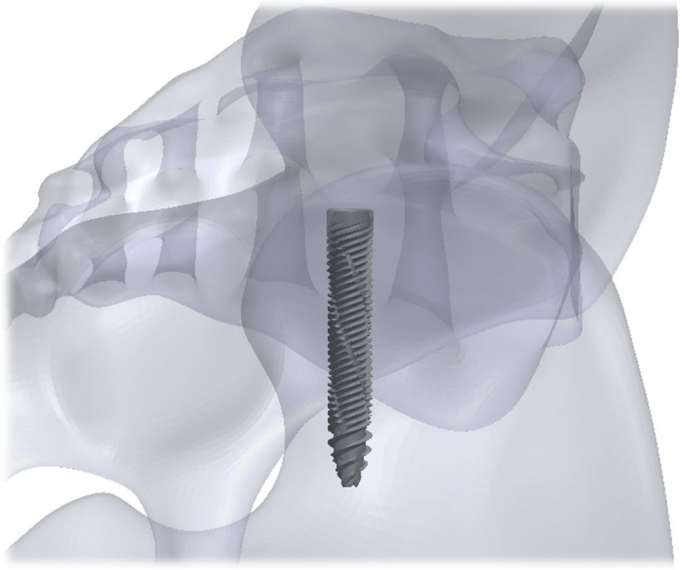


INSTRUMENT REMOVAL / CONFIRMATION

After confirmation of the final placement of the implant remove the driver, dilator, and pin from the joint.

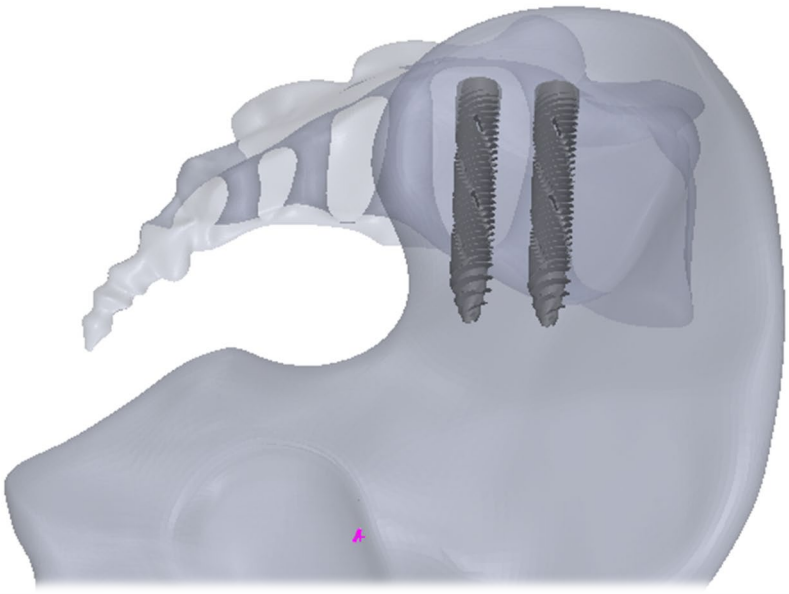


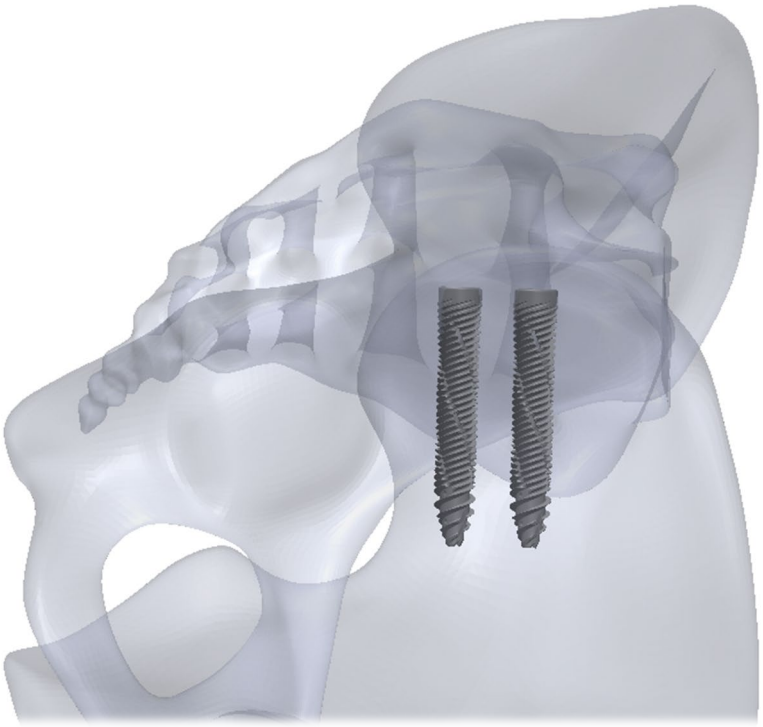




ADDITIONAL IMPLANTS

Repeat the previous steps until the proper number of implants are inserted. Up to 3 total implants may fit in the joint, but the total number of implants, implant size, and trajectory will vary per patient.





IMPLANT REMOVAL

In the case of removal, first position the C-arm in a lateral view and identify the implant to be removed. Once the implant has been identified, make a small 1-2cm incision in the desired location.

Select a pin and reinsert through the center of the implant.

Dilate over the pin, leaving the pin and final dilator in position.

Slide the screw driver over the pin and connect to the implant. Rotate in a counterclockwise position until the screw has been unthreaded all the way, and out of the joint.

IMPLANT CATALOG

Part #	Description
S0820	SI Screw, Machined Ti, Headed, 8.5 Diameter x 20mm Long
S0825	SI Screw, Machined Ti, Headed, 8.5 Diameter x 25mm Long
S0830	SI Screw, Machined Ti, Headed, 8.5 Diameter x 30mm Long
S0835	SI Screw, Machined Ti, Headed, 8.5 Diameter x 35mm Long
S0840	SI Screw, Machined Ti, Headed, 8.5 Diameter x 40mm Long
S0845	SI Screw, Machined Ti, Headed, 8.5 Diameter x 45mm Long
S0850	SI Screw, Machined Ti, Headed, 8.5 Diameter x 50mm Long
S0855	SI Screw, Machined Ti, Headed, 8.5 Diameter x 55mm Long
S0860	SI Screw, Machined Ti, Headed, 8.5 Diameter x 60mm Long
S0865	SI Screw, Machined Ti, Headed, 8.5 Diameter x 65mm Long
S0870	SI Screw, Machined Ti, Headed, 8.5 Diameter x 70mm Long
S0875	SI Screw, Machined Ti, Headed, 8.5 Diameter x 75mm Long
S0880	SI Screw, Machined Ti, Headed, 8.5 Diameter x 80mm Long
S0885	SI Screw, Machined Ti, Headed, 8.5 Diameter x 85mm Long
S0890	SI Screw, Machined Ti, Headed, 8.5 Diameter x 90mm Long
S1020	SI Screw, Machined Ti, Headed, 10.0 Diameter x 20mm Long
S1025	SI Screw, Machined Ti, Headed, 10.0 Diameter x 25mm Long
S1030	SI Screw, Machined Ti, Headed, 10.0 Diameter x 30mm Long
S1035	SI Screw, Machined Ti, Headed, 10.0 Diameter x 35mm Long
S1040	SI Screw, Machined Ti, Headed, 10.0 Diameter x 40mm Long
S1045	SI Screw, Machined Ti, Headed, 10.0 Diameter x 45mm Long
S1050	SI Screw, Machined Ti, Headed, 10.0 Diameter x 50mm Long
S1055	SI Screw, Machined Ti, Headed, 10.0 Diameter x 55mm Long
S1060	SI Screw, Machined Ti, Headed, 10.0 Diameter x 60mm Long
S1065	SI Screw, Machined Ti, Headed, 10.0 Diameter x 65mm Long
S1070	SI Screw, Machined Ti, Headed, 10.0 Diameter x 70mm Long
S1075	SI Screw, Machined Ti, Headed, 10.0 Diameter x 75mm Long
S1080	SI Screw, Machined Ti, Headed, 10.0 Diameter x 80mm Long
S1085	SI Screw, Machined Ti, Headed, 10.0 Diameter x 85mm Long
S1090	SI Screw, Machined Ti, Headed, 10.0 Diameter x 90mm Long
S1220	SI Screw, Machined Ti, Headed, 11.5 Diameter x 20mm Long
S1225	SI Screw, Machined Ti, Headed, 11.5 Diameter x 25mm Long
S1230	SI Screw, Machined Ti, Headed, 11.5 Diameter x 30mm Long
S1235	SI Screw, Machined Ti, Headed, 11.5 Diameter x 35mm Long
S1240	SI Screw, Machined Ti, Headed, 11.5 Diameter x 40mm Long
S1245	SI Screw, Machined Ti, Headed, 11.5 Diameter x 45mm Long
S1250	SI Screw, Machined Ti, Headed, 11.5 Diameter x 50mm Long
S1255	SI Screw, Machined Ti, Headed, 11.5 Diameter x 55mm Long
S1260	SI Screw, Machined Ti, Headed, 11.5 Diameter x 60mm Long
S1265	SI Screw, Machined Ti, Headed, 11.5 Diameter x 65mm Long
S1270	SI Screw, Machined Ti, Headed, 11.5 Diameter x 70mm Long
S1275	SI Screw, Machined Ti, Headed, 11.5 Diameter x 75mm Long
S1280	SI Screw, Machined Ti, Headed, 11.5 Diameter x 80mm Long
S1285	SI Screw, Machined Ti, Headed, 11.5 Diameter x 85mm Long
S1290	SI Screw, Machined Ti, Headed, 11.5 Diameter x 90mm Long
S1420	SI Screw, Machined Ti, Headed, 13.0 Diameter x 20mm Long
S1425	SI Screw, Machined Ti, Headed, 13.0 Diameter x 25mm Long
S1430	SI Screw, Machined Ti, Headed, 13.0 Diameter x 30mm Long
S1435	SI Screw, Machined Ti, Headed, 13.0 Diameter x 35mm Long
S1440	SI Screw, Machined Ti, Headed, 13.0 Diameter x 40mm Long
S1445	SI Screw, Machined Ti, Headed, 13.0 Diameter x 45mm Long
S1450	SI Screw, Machined Ti, Headed, 13.0 Diameter x 50mm Long
S1455	SI Screw, Machined Ti, Headed, 13.0 Diameter x 55mm Long
S1460	SI Screw, Machined Ti, Headed, 13.0 Diameter x 60mm Long
S1465	SI Screw, Machined Ti, Headed, 13.0 Diameter x 65mm Long

S1470	SI Screw, Machined Ti, Headed, 13.0 Diameter x 70mm Long
S1475	SI Screw, Machined Ti, Headed, 13.0 Diameter x 75mm Long
S1480	SI Screw, Machined Ti, Headed, 13.0 Diameter x 80mm Long
S1485	SI Screw, Machined Ti, Headed, 13.0 Diameter x 85mm Long
S1490	SI Screw, Machined Ti, Headed, 13.0 Diameter x 90mm Long
SH0785	SI Screw, Machined Ti, Headless, 8.0 Diameter x 85mm Long
SH0790	SI Screw, Machined Ti, Headless, 8.0 Diameter x 90mm Long
SH0820	SI Screw, Machined Ti, Headless, 8.5 Diameter x 20mm Long
SH0825	SI Screw, Machined Ti, Headless, 8.5 Diameter x 25mm Long
SH0830	SI Screw, Machined Ti, Headless, 8.5 Diameter x 30mm Long
SH0835	SI Screw, Machined Ti, Headless, 8.5 Diameter x 35mm Long
SH0840	SI Screw, Machined Ti, Headless, 8.5 Diameter x 40mm Long
SH0845	SI Screw, Machined Ti, Headless, 8.5 Diameter x 45mm Long
SH0850	SI Screw, Machined Ti, Headless, 8.5 Diameter x 50mm Long
SH0855	SI Screw, Machined Ti, Headless, 8.5 Diameter x 55mm Long
SH0860	SI Screw, Machined Ti, Headless, 8.5 Diameter x 60mm Long
SH0865	SI Screw, Machined Ti, Headless, 8.5 Diameter x 65mm Long
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SH0875	SI Screw, Machined Ti, Headless, 8.5 Diameter x 75mm Long
SH0880	SI Screw, Machined Ti, Headless, 8.5 Diameter x 80mm Long
SH0885	SI Screw, Machined Ti, Headless, 8.5 Diameter x 85mm Long
SH0890	SI Screw, Machined Ti, Headless, 8.5 Diameter x 90mm Long
SH1020	SI Screw, Machined Ti, Headless, 10.0 Diameter x 20mm Long
SH1025	SI Screw, Machined Ti, Headless, 10.0 Diameter x 25mm Long
SH1030	SI Screw, Machined Ti, Headless, 10.0 Diameter x 30mm Long
SH1035	SI Screw, Machined Ti, Headless, 10.0 Diameter x 35mm Long
SH1040	SI Screw, Machined Ti, Headless, 10.0 Diameter x 40mm Long
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SH1070	SI Screw, Machined Ti, Headless, 10.0 Diameter x 70mm Long
SH1075	SI Screw, Machined Ti, Headless, 10.0 Diameter x 75mm Long
SH1080	SI Screw, Machined Ti, Headless, 10.0 Diameter x 80mm Long
SH1085	SI Screw, Machined Ti, Headless, 10.0 Diameter x 85mm Long
SH1090	SI Screw, Machined Ti, Headless, 10.0 Diameter x 90mm Long
SH1220	SI Screw, Machined Ti, Headless, 11.5 Diameter x 20mm Long
SH1225	SI Screw, Machined Ti, Headless, 11.5 Diameter x 25mm Long
SH1230	SI Screw, Machined Ti, Headless, 11.5 Diameter x 30mm Long
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SH1245	SI Screw, Machined Ti, Headless, 11.5 Diameter x 45mm Long
SH1250	SI Screw, Machined Ti, Headless, 11.5 Diameter x 50mm Long
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SH1420	SI Screw, Machined Ti, Headless, 13.0 Diameter x 20mm Long
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SH1440	SI Screw, Machined Ti, Headless, 13.0 Diameter x 40mm Long
SH1445	SI Screw, Machined Ti, Headless, 13.0 Diameter x 45mm Long
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SH1480	SI Screw, Machined Ti, Headless, 13.0 Diameter x 80mm Long
SH1485	SI Screw, Machined Ti, Headless, 13.0 Diameter x 85mm Long
SH1490	SI Screw, Machined Ti, Headless, 13.0 Diameter x 90mm Long
S30820	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 20mm Long
S30825	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 25mm Long
S30830	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 30mm Long
S30835	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 35mm Long
S30840	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 40mm Long
S30845	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 45mm Long
S30850	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 50mm Long
S30855	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 55mm Long
S30860	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 60mm Long
S30865	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 65mm Long
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S30875	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 75mm Long
S30880	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 80mm Long
S30885	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 85mm Long
S30890	SI Screw, 3D Printed Ti, Headed, 8.5 Diameter x 90mm Long
S31020	SI Screw, 3D Printed Ti, Headed, 10.0 Diameter x 20mm Long
S31025	SI Screw, 3D Printed Ti, Headed, 10.0 Diameter x 25mm Long
S31030	SI Screw, 3D Printed Ti, Headed, 10.0 Diameter x 30mm Long
S31035	SI Screw, 3D Printed Ti, Headed, 10.0 Diameter x 35mm Long
S31040	SI Screw, 3D Printed Ti, Headed, 10.0 Diameter x 40mm Long
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S31090	SI Screw, 3D Printed Ti, Headed, 10.0 Diameter x 90mm Long
S31220	SI Screw, 3D Printed Ti, Headed, 11.5 Diameter x 20mm Long
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S31420	SI Screw, 3D Printed Ti, Headed, 13.0 Diameter x 20mm Long
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S31435	SI Screw, 3D Printed Ti, Headed, 13.0 Diameter x 35mm Long
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S31445	SI Screw, 3D Printed Ti, Headed, 13.0 Diameter x 45mm Long

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S31465	SI Screw, 3D Printed Ti, Headed, 13.0 Diameter x 65mm Long
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S31475	SI Screw, 3D Printed Ti, Headed, 13.0 Diameter x 75mm Long
S31480	SI Screw, 3D Printed Ti, Headed, 13.0 Diameter x 80mm Long
S31485	SI Screw, 3D Printed Ti, Headed, 13.0 Diameter x 85mm Long
S31490	SI Screw, 3D Printed Ti, Headed, 13.0 Diameter x 90mm Long
S3H0820	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 20mm Long
S3H0825	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 25mm Long
S3H0830	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 30mm Long
S3H0835	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 35mm Long
S3H0840	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 40mm Long
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S3H0855	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 55mm Long
S3H0860	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 60mm Long
S3H0865	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 65mm Long
S3H0870	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 70mm Long
S3H0875	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 75mm Long
S3H0880	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 80mm Long
S3H0885	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 85mm Long
S3H0890	SI Screw, 3D Printed Ti, Headless, 8.5 Diameter x 90mm Long
S3H1020	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 20mm Long
S3H1025	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 25mm Long
S3H1030	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 30mm Long
S3H1035	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 35mm Long
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S3H1055	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 55mm Long
S3H1060	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 60mm Long
S3H1065	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 65mm Long
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S3H1075	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 75mm Long
S3H1080	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 80mm Long
S3H1085	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 85mm Long
S3H1090	SI Screw, 3D Printed Ti, Headless, 10.0 Diameter x 90mm Long
S3H1220	SI Screw, 3D Printed Ti, Headless, 11.5 Diameter x 20mm Long
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S3H1230	SI Screw, 3D Printed Ti, Headless, 11.5 Diameter x 30mm Long
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S3H1250	SI Screw, 3D Printed Ti, Headless, 11.5 Diameter x 50mm Long
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S3H1285	SI Screw, 3D Printed Ti, Headless, 11.5 Diameter x 85mm Long
S3H1290	SI Screw, 3D Printed Ti, Headless, 11.5 Diameter x 90mm Long
S3H1420	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 20mm Long
S3H1425	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 25mm Long
S3H1430	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 30mm Long
S3H1435	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 35mm Long
S3H1440	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 40mm Long

S3H1445	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 45mm Long
S3H1450	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 50mm Long
S3H1455	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 55mm Long
S3H1460	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 60mm Long
S3H1465	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 65mm Long
S3H1470	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 70mm Long
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S3H1480	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 80mm Long
S3H1485	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 85mm Long
S3H1490	SI Screw, 3D Printed Ti, Headless, 13.0 Diameter x 90mm Long
SC07	SI Locking Crown, Machined Ti, Variable, 8.0mm Screw
SC08	SI Locking Crown, Machined Ti, Variable, 8.5mm Screw
SC10	SI Locking Crown, Machined Ti, Variable, 10.0mm Screw
SC12	SI Locking Crown, Machined Ti, Variable, 11.5mm Screw
SC14	SI Locking Crown, Machined Ti, Variable, 13.0mm Screw
S3C07	SI Locking Crown, 3D Printed Ti, Variable, 8.0mm Screw
S3C08	SI Locking Crown, 3D Printed Ti, Variable, 8.5mm Screw
S3C10	SI Locking Crown, 3D Printed Ti, Variable, 10.0mm Screw
S3C12	SI Locking Crown, 3D Printed Ti, Variable, 11.5mm Screw
S3C14	SI Locking Crown, 3D Printed Ti, Variable, 13.0mm Screw
SF07	SI Locking Fang, Machined Ti, 8.0mm Screw
SF08	SI Locking Fang, Machined Ti, 8.5mm Screw
SF10	SI Locking Fang, Machined Ti, 10.0mm Screw
SF12	SI Locking Fang, Machined Ti, 11.5mm Screw
SF14	SI Locking Fang, Machined Ti, 13.0mm Screw
S3F07	SI Locking Fang, 3D Printed Ti, 8.0mm Screw
S3F08	SI Locking Fang, 3D Printed Ti, 8.5mm Screw
S3F10	SI Locking Fang, 3D Printed Ti, 10.0mm Screw
S3F12	SI Locking Fang, 3D Printed Ti, 11.5mm Screw
S3F14	SI Locking Fang, 3D Printed Ti, 13.0mm Screw

INSTRUMENT CATALOG

Part #	Description
SI-105	SI Screw Tray
SI-1001	SI Target Tap
SI-1001F	SI Target Tap, Radiolucent
SI-1002	SI Pin, 2.8mm Diameter, 11" Long, Trocar Tip, Threaded
SI-1002L	SI Pin, 2.8mm Diameter, 16" Long, Trocar Tip, Threaded
SI-1004	SI Depth Measure, Dilator A
SI-1005	SI Final Dilator
SI-1006-08	SI Drill, 8.0 Diameter, Cannulated
SI-1006-10	SI Drill, 10.0 Diameter, Cannulated
SI-1006-12	SI Drill, 12.0 Diameter, Cannulated
SI-1007-08	SI Tap, 8.0 Diameter, Cannulated
SI-1007-10	SI Tap, 10.0 Diameter, Cannulated
SI-1007-12	SI Tap, 12.0 Diameter, Cannulated
SI-1008	SI Tissue Spreader
SI-1009	SI Parallel Guide
SI-1010	SI Screw Driver, Cannulated
SI-1011	SI Screw Depth Stopper
SI-1012	SI Screw Caddy, 8.5mm Diameter Screws
SI-1013	SI Screw Caddy, 10.0mm Diameter Screws
SI-1014	SI Screw Caddy, 11.5mm Diameter Screws
SI-1015	SI Screw Caddy, 13.0mm Diameter Screws
SI-1016	SI Pin Holder
SI-1017	SI Final Dilator, Posterior
SI-1018	SI Pin, 2.8mm Diameter, 11" Long, Blunt Tip, Threaded
SI-1019	Depth Dilator, Radiolucent
SI-1020	SI Final Dilator, Posterior - Offset
AS-1200	Lumbar Mallet
DB-1087	Adaptor Handle
ES-802	1/4 Drive Ratchet, T-Handle
ES-803	1/4 Drive Ratchet, I-Handle
ES-804	1/4 Drive Ratchet, Palm Handle

NOTES