

## 订购信息

装箱

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型号与代码

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# Premier™ 全系产品信息

Posterior Thoracolumbar Spinal Fixation System

## 胸腰椎后路内固定系统

### 手术技术

Surgical Technique

The Premier™ Thoracolumbar Posterior Internal Fixation System combines 10 years of experience and technology from Weigao Orthopaedics to help spine surgeons safely and efficiently deal with complex spinal disorders

It is suitable for thoracolumbar degeneration, fracture, tumor and deformity patients with mature bones to perform T2-S2 segmental orthosis, full-line plant products with optimized fixation depth, low notch and high strength

A custom-built, seamless tool for the implant provides the spine surgeon with an exceptional intraoperative experience

Premier™ MIS, Premier™ CBT, Premier™ Hollow bone cement Screw product line is your effective assistant and rely on to carry out minimally invasive surgery

Surgical technical guidance: Peking Union Medical College Hospital



专家寄语  
Perspective from the experts



Thank you for participating in the  
Premier system  
Experts in design and development

Weigao Orthopaedics is  
committed to serving doctors and  
patients  
Provide safe and reliable, advanced  
concept of products

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## Implant Characteristics

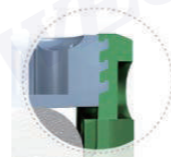
Premier Thoracoland lumbar posterior internal fixation system is the crystallization of Weigo Orthopedics' ten years of technology and experience. It perfectly presents excellent mechanical properties and reliable product quality. The product design conforms to the latest international treatment concepts. It is the right hand of the spine surgeon to solve various complex spinal diseases calmly and efficiently.

### Polyaxial Pedicle Screw



set screw

The screw groove side notch is easy to connect and separate tools, the operation is more smooth depth optimization screw structure, mechanical strength is more than the imported mainstream high-end products embedded saddle ring patent technology, safe and reliable; Screw three-stage double thread design, improve operating efficiency; The diameter of neck increases and the probability of nail breakage decreases; Double taper design, the front taper is easy to implant, and the back taper enhances cortical bone control  
Nail seat adopts partial trapezoidal barb thread patent technology, super high strength, effectively avoid sliding wire, burst wire



Self-breaking reset plug

The notch is greatly reduced to minimize tissue irritation, and the overall size of the nail seat is smaller than that of similar 5.5 system products. The side notch is easy to connect and separate the frog reduction forceps; Screw three-stage double thread design, improve operating efficiency;  
Nail seat unique partial trapezoidal barb thread technology, high strength, avoid sliding wire, wire burst;;  
Unique plum groove design, convenient and nail driver firm connection



Unique partial trapezoidal barb thread patented technology, high strength, to avoid sliding wire, wire explosion can be used at the same time for ordinary nails and reset nails;  
The bottom surface is closed with convex points to improve the locking effect of comprehensive titanium rod;  
Self-breaking torque exceeding industry standard, large safety margin  
Progressive chamfer, strong orientation when screwing in, not easy to misdentate

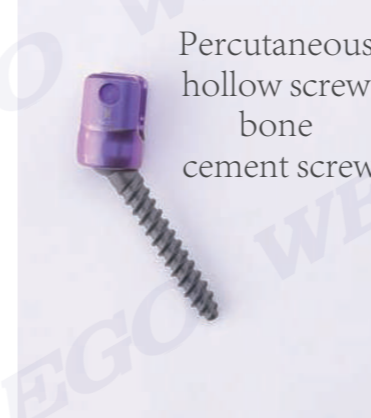
## Implant Characteristics

### Single-plane Screws



cortical bone screw

Sagittal plane single plane screw, lateral single plane screw  
Unique cylindrical guide patented technology, screw structure stable and reliable use of trapezoidal barb thread and embedded pressure ring patent technology, locking effect comparable to Polyaxial Pedicle Screws  
Low notch, more suitable for orthopedic patients  
The shape and tool interface are consistent with the Premier products, no need to replace, easy to use  
Lateral single plane screw for patients with vertebral fractures



Percutaneous hollow screw bone cement screw

Low notch high strength  
The maximum swing Angle of sagittal plane is 40°  
It is especially suitable for osteoporosis, obesity and revision surgery



Hollow Polyaxial Pedicle Screw, hollow short tail pedicle screw, hollow long tail ,reduction screw, hollow single plane screw, the system is constantly improved;  
Low notch, small wound  
Flexible propulsive pressure tool, all outside the operation to complete  
The Polyaxial Pedicle Screw is specially designed with a large unilateral deflection  
Angle along the rod direction, which effectively solves the problem that the lumbosacral Angle of L5/S1 segment is too large and difficult to operate  
Screw and tool fit tightly, easy to operate  
The 6 holes in the front section of the bone cement screw are evenly distributed, which can be continuously injected and is specially designed to prevent bone cement leakage

## Implant Characteristics

### Iliac screw, S2AI



Open screw seat design, easy intraoperative installation  
Under-mounted spherical ring patent technology, increase the swing Angle, avoid screw loose;  
The locking effect exceeds the Polyaxial Pedicle Screw, and the safety is greatly improved.  
It is compatible with the tool interface of all Premier products, easy to operate, low notch, high strength, and the swing Angle is 40 degrees;  
The midline approach reduces soft tissue injury;  
It can be used in open pelvic orthopedic surgery and minimally invasive surgery without lateral coupling.



Hook

Pedicle hook, transversal hook, laminar hook  
Perfectly compatible with the Premier thoracolumbar pedicle screw system, the anatomical design closely fits the posterior structure of the spine



lateral connector

The open model connector is simple to place, matches the premier plug and can connect only 5.5 connection rods  
The closed form is universal with 5.5/6.0 connecting rods



Domino connector

There are two forms of opening - opening and opening - side opening, convenient rod can be used for revision extension, orthopedic strengthening rod, etc

## Tool Kit

### Track nail tool



### Nail setting tool



## Tool Kit

### Rod repair tool



### Rod setting tool



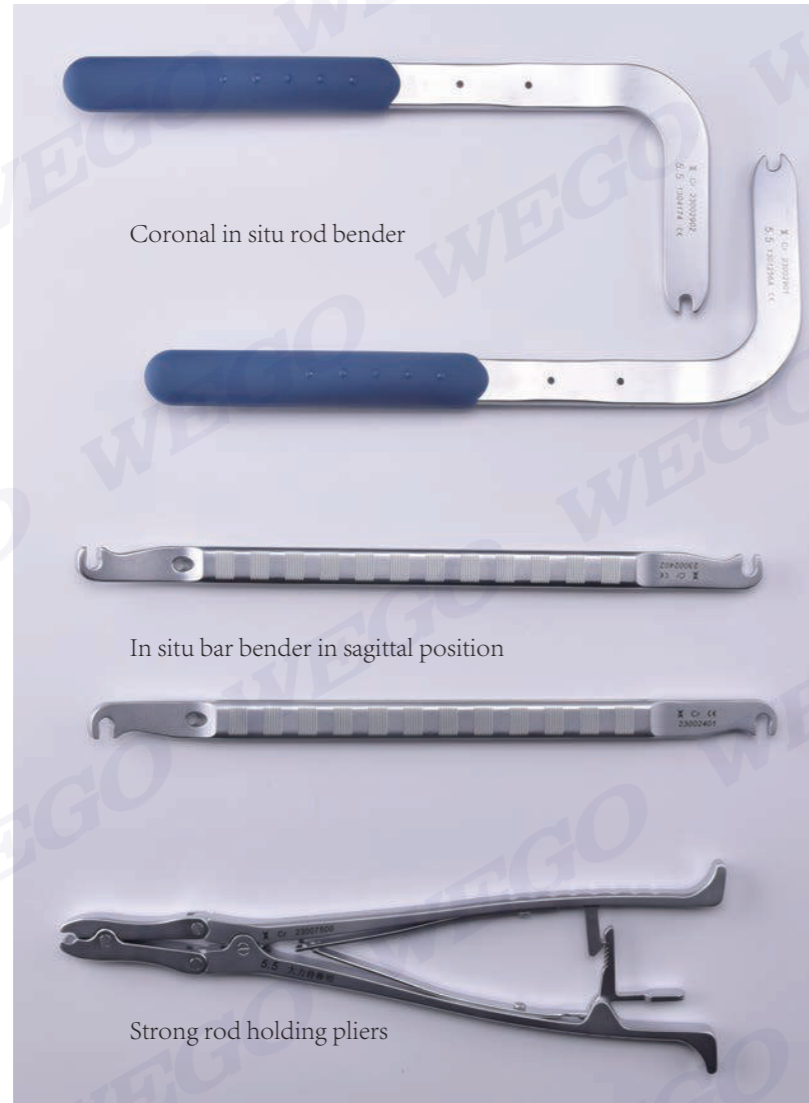
## Tool Kit

### Rod press tool



## Tool Kit

### Orthopaedic tool



### Lifting tool

Slip reduction plate

Slip reset ball nut

## Tool Kit

### Press rod, derotating tool



### Stretching and pressurizing tool



## Tool Kit

### Final locking tool



### Renovations and other tool



## Needle entry point selection

Without the assistance of navigation technology, the widely used hands-free nail placement technique is the method proposed by Kim et al. [1] to adjust different needle entry points, introversion and sagittal trajectory according to each thoracic vertebra segment. (Figure 1)

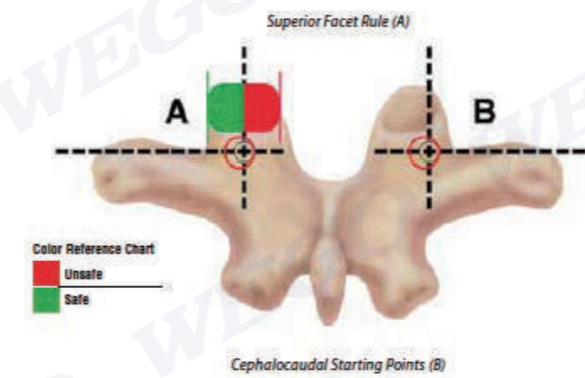


Figure 1

Fennell et al. [2] believed that this technology was complicated and difficult to learn and master.

Therefore, the technique of unarmed thoracic pedicle screw placement with uniform anatomic markers of entry point and screw trajectory is recommended. The insertion points were about 3mm from the end of the junction between the lateral edge of the articular process and the transverse process of the upper thoracic vertebra. The trajectory/direction of the sagittal plane screw was perpendicular to the physiological curve of the plane where the vertebral body was located. The internal Angle of the pedicle screw was about 30° at T1 and T2, and about 20° from T3 to T12. (Figure 2)

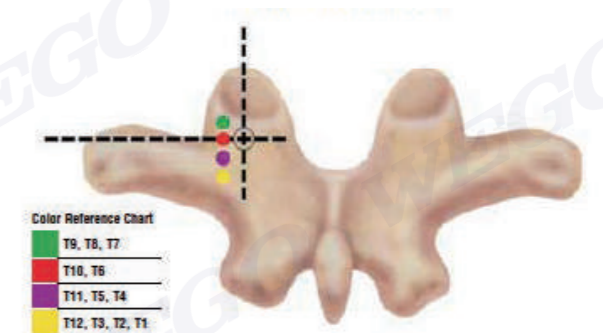


Figure 2

1. Kim YJ, Lenke LG, Bridwell KH, et al. Free hand pedicle screw placement in the thoracic spine: is it safe? Spine (Phila Pa 1976) 2004;29:333-42; discussion 342.
2. Fennell VS, Palejwala S, Skoch J, et al. Freehand thoracic pedicle screw technique using a uniform entry point and sagittal trajectory for all levels: preliminary clinical experience. J Neurosurg Spine 2014;21:778-84.

## Pedicle preparation

After the entry point was confirmed, the surface bone cortex was removed with high-speed grinding drill to expose the cancellous bone. The open cone expanded the nail channel according to the preset internal inclination and sagittal plane Angle. When using the open cone with Angle, the tip of the cone should point outward to avoid penetrating the medial cortex into the spinal canal (FIG. 1).

Insert about 20mm-25mm (FIG. 2) and Orient the open cone so that the tip points inwards. Push the probe to the required depth (Figure 3). Verify the integrity of the five walls with a spherical probe.



FIG. 1



FIG.2



FIG.3

## Tapping

To check for bleeding, make sure there is no excessive bleeding due to arterial damage. Bleeding in the nail canal can be stopped with bone wax packing. In case of cortical rupture of the nail path, bone wax can be used to caulk and adjust the nail path to open the road again.

Tap 0.5-1mm smaller than the screw diameter (FIG. 1). Scout is used again to explore the first bottom and fourth wall of the nail channel (FIG. 2). After confirming the integrity of the nail channel, clamp the end of the scout with hemostatic pliers and estimate the length of the nail channel by measuring the length of the clamp. Combined with preoperative measurement and intraoperative observation, appropriate diameter and length of screws were selected.



FIG.1



FIG.2



## Set Screw

Hold down the upper nail driver to adjust the corresponding sleeve position, corresponding to the short tail or long tail screw (FIG 1, 2). Push the upper nail driver head deep into the screw plum groove, rotate the sleeve, so that the thread and screw groove are tightly combined. Screw the screw clockwise slowly into the nail path, and feel the bone condition and holding force at the same time (FIG.3). After inserting the screw, turn the upper thread of the upper nail driver counterclockwise to separate the driver from the screw.

Screws should be inserted into each segment of the correction side, and one screw should be inserted into every third or fourth segment of the fixed side. At least two more screws should be inserted proximal and distal. Use the C-wall machine fluoroscopy to confirm screw position.



FIG.1

FIG.2



FIG.3

## Bent bar

After the screw position was confirmed by fluoroscopy, the length of the titanium rod required was measured with a die rod, and the titanium rod was bent on the sagittal and coronal planes with a rod bending forceps. A straight reference line on the surface of the titanium rod, coupled with the use of rod holding pliers as fixation, helps to prevent rod rotation (FIG. 14).



FIG.14

## Rod placement

### Shake the clamp press bar

When there is only a small height difference between the titanium rod and the screw seat, the swinging clamp can be used to press the rod.

Insert the two protrudes of the end of the swinging pliers into the two depressions corresponding to each other on the screw seat wall and lock the swinging pliers. Press the end of the swinging pliers to press down the titanium rod. The rod is completely fixed in the saddle by leverage action.

Use the plug driver to screw in the plug (FIG.16).



FIG.16

## Rod placement

### Frog clamp press bar

When there is only a large height difference between the titanium rod and the screw seat, the frog clamp can be used to press the rod.

Put the frog reduction forceps down along the screw side slot, grip the forceps handle, compress the sleeve, the shrapnel holds the screw, the sleeve presses down the titanium rod, and firmly holds it in the saddle.

Loosen the handle of the forceps, pull back the compression sleeve, the shrapnel opens and the screw separates easily. Screw the plug into the nail seat using a pre-lock driver.



## Rod placement

### Sleeve press bar

If multi-stage rod pressing is required, continuous sleeve rod pressing tool can be used to facilitate subsequent operations such as derotation.

Install the pedicle screw holder on the screw seat. Insert the tail of the screw into the head of the controller, with a "click" sound to confirm the successful insertion, and the shrapnel on both sides of the controller is correctly reset (FIG. 3).



FIG.3



FIG.4

Place the press rod sleeve over the head of the pedicle master, and rotate the sleeve tail nut to press the sleeve down smoothly along the tail thread of the master until the sleeve wall contacts the titanium rod (FIG.4).

After connecting the quick change T-handle with the socket wrench, put it on the top nut of the press rod sleeve. Turn the wrench clockwise to apply the torque to the top of the sleeve to press down the titanium rod (FIG.5).

Screw the plug into the screw seat using the pre-locking driver. Repeat the preceding steps to install the other titanium rods and plugs in place.



FIG.5

## Vertebra derotation

### Mounting sleeve

Install the connector (FIG.4) at the end of the controller. After adjusting the position and Angle, turn the connector screw clockwise to fix and lock the controller-connector. After 3-4 vertebrae in the top vertebrae are connected, derotation can be performed as a whole (FIG.5).



FIG.3

## Vertebra derotation

### Parietal derotation body

Multiple segments can be bridged to form a whole through connectors.

In accordance with the preceding method, the multiple segment controller is connected one by one through the connector, and the connector plug is locked.



## Vertebra derotation

### Parietal derotation body

The preorthopedic segment was implanted according to the preoperative plan

Insert screws of appropriate size. Typical right thoracic curve

For example, the orthotic side of the convex side needs to be completely implanted with fixed nails.

On the left fixation side, 4-5 fixation nails were implanted in the parietal region. Universal nails can be implanted in the remaining segments (FIG. 3, 4).



图3

## Vertebra derotation

### Parietal derotation body

The pre-bent titanium rod is installed on the convex orthopedic side and can be placed in the saddle using the front bundle of three pressing rod methods (FIG.1)  
Screw the plug into the nail seat, but do not lock it, ensuring that the titanium rod has a degree of room to move within the nail seat to facilitate subsequent operations (FIG.1).



FIG.1

## Vertebra derotation

### Parietal derotation body

As described above, the parietal segment is connected with a connector through a pedicle nail holder and rotated laterally as one unit. After the reset is satisfied, use the pre-lock driver to lock the plug.



## Stretch and press

### Stretch and press

Before stretching and pressurizing, loosen the screw plug on one side of the segment, stretch the arm of the wrench along the titanium rod to hold the inner wall of the screw seat, and the pressure forceps tighten along the titanium rod to hold the outer wall of the screw seat. The segment can be stretched or pressurized by tightening the handle.

After the opening and pressure degree is satisfied, the screw plug will be locked with the pre-locking screwdriver.



## In situ bending bar

After rotating the rod, confirm that the reset is satisfactory and lock all plugs. If local curvature adjustment is required, fine tuning can be done using in situ rod bender.

The in situ rod bender is placed close to the titanium rod, and the rod bender is moved many times and trace, and the position is adjusted continuously until the satisfactory curvature is reached.



## Final locking

The screw plug should be locked after the joint rod curvature, stretching and pressure operation is satisfactory.

Insert the screw seat into the counter socket wrench. After the connecting rod is inserted into the groove below the outer side wall of the sleeve, use the quick change T-wrench to connect the final locking driver. Rotate clockwise through the socket screw slot, and hold the counter socket wrench for counter.

When the torque limit is reached, the self-breaking part of the plug automatically falls off and stays at the driver tip for easy removal.

Hold down the black switch at the top of the counter sleeve to adjust the direction of the sleeve handle to facilitate the locking of other screws at different angles.



## Mounting cross connection

The installation of transverse connections increases the torsional resistance of the nailing rod system.

First of all, the distance between the two titanium rods at the pre-installation site is measured by the transverse connection measuring device to determine the type of the transverse connection.

After the model is correctly selected, loosen the screw at the top of the transverse connection with the transverse connection locking driver, clamp the transverse connection rod with the transverse connection rod holder pliers, and place the transverse connection arms tightly with the titanium rod, tighten the screws on the two arms clockwise with the transverse connection driver, and finally lock the top screw plug with the locking driver.



Insert the long tail of the reset screw with the reset nail breaker, pry the breaker along the internal and external direction to break off the long tail of the reset nail, and press the button at the top of the breaker to exit the nail tail.



product information

product information



Name	Code	Size	Material
Premier Polyaxial Pedicle Screw	800214020	4.0×20mm	T
Premier Polyaxial Pedicle Screw	800214025	4.0×25mm	T
Premier Polyaxial Pedicle Screw	800214030	4.0×30mm	T
Premier Polyaxial Pedicle Screw	800214035	4.0×35mm	T
Premier Polyaxial Pedicle Screw	800214040	4.0×40mm	T
Premier Polyaxial Pedicle Screw	800214045	4.0×45mm	T
Premier Polyaxial Pedicle Screw	800214050	4.0×50mm	T
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Premier Polyaxial Pedicle Screws	800215545	5.5×45mm	T

Name	Code	Size	Material
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Premier Polyaxial Pedicle Screw	800216570	6.5×70mm	T
Premier Polyaxial Pedicle Screw	800216575	6.5×75mm	T
Premier Polyaxial Pedicle Screw	800216580	6.5×80mm	T



product information

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Name	Code	Size	Material
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PremierPolyaxial Pedicle Screw	800217045	7.0×45mm	T
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Name	Code	Size	Material
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PremierPolyaxial Reduction Screw	800225530	5.5×30mm	T
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PremierPolyaxial Reduction Screw	800225540	5.5×40mm	T
PremierPolyaxial Reduction Screw	800225545	5.5×45mm	T

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product information

Name	Code	Size	Material
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PremierPolyaxial Reduction Screw	800227525	7.5×25mm	T
PremierPolyaxial Reduction Screw	800227530	7.5×30mm	T
PremierPolyaxial Reduction Screw	800227535	7.5×35mm	T
PremierPolyaxial Reduction Screw	800227540	7.5×40mm	T
PremierPolyaxial Reduction Screw	800227545	7.5×45mm	T
PremierPolyaxial Reduction Screw	800227550	7.5×50mm	T
PremierPolyaxial Reduction Screw	800227555	7.5×55mm	T

product information

Name	Code	Size	Material
PremierMonoaxial Pedicle Screw	800234025	4.0×25mm	T
PremierMonoaxial Pedicle Screw	800234030	4.0×30mm	T
PremierMonoaxial Pedicle Screw	800234035	4.0×35mm	T
PremierMonoaxial Pedicle Screw	800234040	4.0×40mm	T
PremierMonoaxial Pedicle Screw	800234045	4.0×45mm	T
PremierMonoaxial Pedicle Screw	800234050	4.0×50mm	T
PremierMonoaxial Pedicle Screw	800234520	4.5×20mm	T
PremierMonoaxial Pedicle Screw	800234525	4.5×25mm	T
PremierMonoaxial Pedicle Screw	800234530	4.5×30mm	T
PremierMonoaxial Pedicle Screw	800234535	4.5×35mm	T
PremierMonoaxial Pedicle Screw	800234540	4.5×40mm	T
PremierMonoaxial Pedicle Screw	800234545	4.5×45mm	T
PremierMonoaxial Pedicle Screw	800234550	4.5×50mm	T
PremierMonoaxial Pedicle Screw	800234555	4.5×55mm	T
PremierMonoaxial Pedicle Screw	800235025	5.0×25mm	T
PremierMonoaxial Pedicle Screw	800235030	5.0×30mm	T
PremierMonoaxial Pedicle Screw	800235035	5.0×35mm	T
PremierMonoaxial Pedicle Screw	800235040	5.0×40mm	T
PremierMonoaxial Pedicle Screw	800235045	5.0×45mm	T
PremierMonoaxial Pedicle Screw	800235050	5.0×50mm	T
PremierMonoaxial Pedicle Screw	800235055	5.0×55mm	T
PremierMonoaxial Pedicle Screw	800235525	5.5×25mm	T
PremierMonoaxial Pedicle Screw	800235530	5.5×30mm	T
PremierMonoaxial Pedicle Screw	800235535	5.5×35mm	T
PremierMonoaxial Pedicle Screw	800235540	5.5×40mm	T
PremierMonoaxial Pedicle Screw	800235545	5.5×45mm	T
PremierMonoaxial Pedicle Screw	800235550	5.5×50mm	T



## product information

Name	Code	Size	Material
PremierMonoaxial Pedicle Screw	800235555	5.5×55mm	T
PremierMonoaxial Pedicle Screw	800236025	6.0×25mm	T
PremierMonoaxial Pedicle Screw	800236030	6.0×30mm	T
PremierMonoaxial Pedicle Screw	800236035	6.0×35mm	T
PremierMonoaxial Pedicle Screw	800236040	6.0×40mm	T
PremierMonoaxial Pedicle Screw	800236045	6.0×45mm	T
PremierMonoaxial Pedicle Screw	800236050	6.0×50mm	T
PremierMonoaxial Pedicle Screw	800236055	6.0×55mm	T
PremierMonoaxial Pedicle Screw	800236060	6.0×60mm	T
PremierMonoaxial Pedicle Screw	800236065	6.0×65mm	T
PremierMonoaxial Pedicle Screw	800236525	6.5×25mm	T
PremierMonoaxial Pedicle Screw	800236530	6.5×30mm	T
PremierMonoaxial Pedicle Screw	800236535	6.5×35mm	T
PremierMonoaxial Pedicle Screw	800236540	6.5×40mm	T
PremierMonoaxial Pedicle Screw	800236545	6.5×45mm	T
PremierMonoaxial Pedicle Screw	800236550	6.5×50mm	T
PremierMonoaxial Pedicle Screw	800236555	6.5×55mm	T
PremierMonoaxial Pedicle Screw	800236560	6.5×60mm	T
PremierMonoaxial Pedicle Screw	800236565	6.5×65mm	T
PremierMonoaxial Pedicle Screw	800237025	7.0×25mm	T
PremierMonoaxial Pedicle Screw	800237030	7.0×30mm	T
PremierMonoaxial Pedicle Screw	800237035	7.0×35mm	T
PremierMonoaxial Pedicle Screw	800237040	7.0×40mm	T
PremierMonoaxial Pedicle Screw	800237045	7.0×45mm	T
PremierMonoaxial Pedicle Screw	800237050	7.0×50mm	T
PremierMonoaxial Pedicle Screw	800237055	7.0×55mm	T
PremierMonoaxial Pedicle Screw	800237060	7.0×60mm	T

## product information

Name	Code	Size	Material
PremierMonoaxial Pedicle Screw	800237065	7.0×65mm	T
PremierMonoaxial Pedicle Screw	800237525	7.5×25mm	T
PremierMonoaxial Pedicle Screw	800237530	7.5×30mm	T
PremierMonoaxial Pedicle Screw	800237535	7.5×35mm	T
PremierMonoaxial Pedicle Screw	800237540	7.5×40mm	T
PremierMonoaxial Pedicle Screw	800237545	7.5×45mm	T
PremierMonoaxial Pedicle Screw	800237550	7.5×50mm	T
PremierMonoaxial Pedicle Screw	800237555	7.5×55mm	T
PremierMonoaxial Pedicle Screw	800237560	7.5×60mm	T
PremierMonoaxial Pedicle Screw	800237565	7.5×65mm	T
PremierMonoaxial Pedicle Screw	800238025	8.0×25mm	T
PremierMonoaxial Pedicle Screw	800238030	8.0×30mm	T
PremierMonoaxial Pedicle Screw	800238035	8.0×35mm	T
PremierMonoaxial Pedicle Screw	800238040	8.0×40mm	T
PremierMonoaxial Pedicle Screw	800238045	8.0×45mm	T
PremierMonoaxial Pedicle Screw	800238050	8.0×50mm	T
PremierMonoaxial Pedicle Screw	800238055	8.0×55mm	T
PremierMonoaxial Pedicle Screw	800238060	8.0×60mm	T
PremierMonoaxial Pedicle Screw	800238065	8.0×65mm	T
PremierMonoaxial Pedicle Screw	800238525	8.5×25mm	T
PremierMonoaxial Pedicle Screw	800238530	8.5×30mm	T
PremierMonoaxial Pedicle Screw	800238535	8.5×35mm	T
PremierMonoaxial Pedicle Screw	800238540	8.5×40mm	T
PremierMonoaxial Pedicle Screw	800238545	8.5×45mm	T
PremierMonoaxial Pedicle Screw	800238550	8.5×50mm	T
PremierMonoaxial Pedicle Screw	800238555	8.5×55mm	T
PremierMonoaxial Pedicle Screw	800238560	8.5×60mm	T
PremierMonoaxial Pedicle Screw	800238565	8.5×65mm	T

product information

product information



Name	Code	Size	Material
PremierMonoaxial Reduction Screw	800244020	4.0×20mm	T
PremierMonoaxial Reduction Screw	800244025	4.0×25mm	T
PremierMonoaxial Reduction Screw	800244030	4.0×30mm	T
PremierMonoaxial Reduction Screw	800244035	4.0×35mm	T
PremierMonoaxial Reduction Screw	800244040	4.0×40mm	T
PremierMonoaxial Reduction Screw	800244045	4.0×45mm	T
PremierMonoaxial Reduction Screw	800244050	4.0×50mm	T
PremierMonoaxial Reduction Screw	800244520	4.5×20mm	T
PremierMonoaxial Reduction Screw	800244525	4.5×25mm	T
PremierMonoaxial Reduction Screw	800244530	4.5×30mm	T
PremierMonoaxial Reduction Screw	800244535	4.5×35mm	T
PremierMonoaxial Reduction Screw	800244540	4.5×40mm	T
PremierMonoaxial Reduction Screw	800244545	4.5×45mm	T
PremierMonoaxial Reduction Screw	800244550	4.5×50mm	T
PremierMonoaxial Reduction Screw	800244555	4.5×55mm	T
PremierMonoaxial Reduction Screw	800245025	5.0×25mm	T
PremierMonoaxial Reduction Screw	800245030	5.0×30mm	T
PremierMonoaxial Reduction Screw	800245035	5.0×35mm	T
PremierMonoaxial Reduction Screw	800245040	5.0×40mm	T
PremierMonoaxial Reduction Screw	800245045	5.0×45mm	T
PremierMonoaxial Reduction Screw	800245050	5.0×50mm	T
PremierMonoaxial Reduction Screw	800245055	5.0×55mm	T
PremierMonoaxial Reduction Screw	800245525	6.0×25mm	T
PremierMonoaxial Reduction Screw	800245530	5.5×30mm	T
PremierMonoaxial Reduction Screw	800245535	5.5×35mm	T
PremierMonoaxial Reduction Screw	800245540	5.5×40mm	T
PremierMonoaxial Reduction Screw	800245545	5.5×45mm	T

Name	Code	Size	Material
PremierMonoaxial Reduction Screw	800245550	5.5×50mm	T
PremierMonoaxial Reduction Screw	800245555	5.5×55mm	T
PremierMonoaxial Reduction Screw	800246025	6.0×25mm	T
PremierMonoaxial Reduction Screw	800246030	6.0×30mm	T
PremierMonoaxial Reduction Screw	800246035	6.0×35mm	T
PremierMonoaxial Reduction Screw	800246040	6.0×40mm	T
PremierMonoaxial Reduction Screw	800246045	6.0×45mm	T
PremierMonoaxial Reduction Screw	800246050	6.0×50mm	T
PremierMonoaxial Reduction Screw	800246055	6.0×55mm	T
PremierMonoaxial Reduction Screw	800246060	6.0×60mm	T
PremierMonoaxial Reduction Screw	800246065	6.0×65mm	T
PremierMonoaxial Reduction Screw	800246525	6.5×25mm	T
PremierMonoaxial Reduction Screw	800246530	6.5×30mm	T
PremierMonoaxial Reduction Screw	800246535	6.5×35mm	T
PremierMonoaxial Reduction Screw	800246540	6.5×40mm	T
PremierMonoaxial Reduction Screw	800246545	6.5×45mm	T
PremierMonoaxial Reduction Screw	800246550	6.5×50mm	T
PremierMonoaxial Reduction Screw	800246555	6.5×55mm	T
PremierMonoaxial Reduction Screw	800246560	6.5×60mm	T
PremierMonoaxial Reduction Screw	800246565	6.5×65mm	T
PremierMonoaxial Reduction Screw	800247025	7.0×25mm	T
PremierMonoaxial Reduction Screw	800247030	7.0×30mm	T
PremierMonoaxial Reduction Screw	800247035	7.0×35mm	T
PremierMonoaxial Reduction Screw	800247040	7.0×40mm	T
PremierMonoaxial Reduction Screw	800247045	7.0×45mm	T
PremierMonoaxial Reduction Screw	800247050	7.0×50mm	T
PremierMonoaxial Reduction Screw	800247055	7.0×55mm	T

product information

product information

Name	Code	Size	Material
PremierMonoaxial Reduction Screw	800247060	7.0×60mm	T
PremierMonoaxial Reduction Screw	800247065	7.0×65mm	T
PremierMonoaxial Reduction Screw	800247525	7.5×25mm	T
PremierMonoaxial Reduction Screw	800247530	7.5×30mm	T
PremierMonoaxial Reduction Screw	800247535	7.5×35mm	T
PremierMonoaxial Reduction Screw	800247540	7.5×40mm	T
PremierMonoaxial Reduction Screw	800247545	7.5×45mm	T
PremierMonoaxial Reduction Screw	800247550	7.5×50mm	T
PremierMonoaxial Reduction Screw	800247555	7.5×55mm	T
PremierMonoaxial Reduction Screw	800247560	7.5×60mm	T
PremierMonoaxial Reduction Screw	800248025	8.0×25mm	T
PremierMonoaxial Reduction Screw	800248030	8.0×30mm	T
PremierMonoaxial Reduction Screw	800248035	8.0×35mm	T
PremierMonoaxial Reduction Screw	800248040	8.0×40mm	T
PremierMonoaxial Reduction Screw	800248045	8.0×45mm	T
PremierMonoaxial Reduction Screw	800248050	8.0×50mm	T
PremierMonoaxial Reduction Screw	800248055	8.0×55mm	T
PremierMonoaxial Reduction Screw	800248060	8.0×60mm	T
PremierMonoaxial Reduction Screw	800248065	8.0×65mm	T
PremierMonoaxial Reduction Screw	800248525	8.5×25mm	T
PremierMonoaxial Reduction Screw	800248530	8.5×30mm	T
PremierMonoaxial Reduction Screw	800248535	8.5×35mm	T
PremierMonoaxial Reduction Screw	800248540	8.5×40mm	T
PremierMonoaxial Reduction Screw	800248545	8.5×45mm	T
PremierMonoaxial Reduction Screw	800248550	8.5×50mm	T
PremierMonoaxial Reduction Screw	800248555	8.5×55mm	T
PremierMonoaxial Reduction Screw	800248560	8.5×60mm	T
PremierMonoaxial Reduction Screw	800248565	8.5×65mm	T

Name	Code	Size	Material
PremierUni planner Screw	803594020	4.0×20mm	T
PremierUni planner Screw	803594025	4.0×25mm	T
PremierUni planner Screw	803594030	4.0×30 mm	T
PremierUni planner Screw	803594035	4.0×35 mm	T
PremierUni planner Screw	803594040	4.0×40mm	T
PremierUni planner Screw	803594045	4.0×45 mm	T
PremierUni planner Screw	803594050	4.0×50 mm	T
PremierUni planner Screw	803594520	4.5×20mm	T
PremierUni planner Screw	803594525	4.5×25 mm	T
PremierUni planner Screw	803594530	4.5×30 mm	T
PremierUni planner Screw	803594535	4.5×35 mm	T
PremierUni planner Screw	803594540	4.5×40 mm	T
PremierUni planner Screw	803594545	4.5×45 mm	T
PremierUni planner Screw	803594550	4.5×50 mm	T
PremierUni planner Screw	803594555	4.5×55 mm	T
PremierUni planner Screw	803595025	5.0×25 mm	T
PremierUni planner Screw	803595030	5.0×30 mm	T
PremierUni planner Screw	803595035	5.0×35 mm	T
PremierUni planner Screw	803595040	5.0×40 mm	T
PremierUni planner Screw	803595045	5.0×45 mm	T
PremierUni planner Screw	803595050	5.0×50 mm	T
PremierUni planner Screw	803595055	5.0×55 mm	T
PremierUni planner Screw	803595525	5.5×25 mm	T
PremierUni planner Screw	803595530	5.5×30 mm	T
PremierUni planner Screw	803595535	5.5×35 mm	T
PremierUni planner Screw	803595540	5.5×40 mm	T
PremierUni planner Screw	803595545	5.5×45 mm	T



product information

Name	Code	Size	Material
PremierUniPlanner Screw	803595550	5.5×50 mm	T
PremierUniPlanner Screw	803595555	5.5×55mm	T
PremierUniPlanner Screw	803596025	6.0×25 mm	T
PremierUniPlanner Screw	803596030	6.0×30 mm	T
PremierUniPlanner Screw	803596035	6.0×35 mm	T
PremierUniPlanner Screw	803596040	6.0×40 mm	T
PremierUniPlanner Screw	803596045	6.0×45 mm	T
PremierUniPlanner Screw	803596050	6.0×50 mm	T
PremierUniPlanner Screw	803596055	6.0×55 mm	T
PremierUniPlanner Screw	803596060	6.0×60 mm	T
PremierUniPlanner Screw	803596065	6.0×65 mm	T
PremierUniPlanner Screw	803596525	6.5×25 mm	T
PremierUniPlanner Screw	803596530	6.5×30 mm	T
PremierUniPlanner Screw	803596535	6.5×35 mm	T
PremierUniPlanner Screw	803596540	6.5×40 mm	T
PremierUniPlanner Screw	803596545	6.5×45 mm	T
PremierUniPlanner Screw	803596550	6.5×50 mm	T
PremierUniPlanner Screw	803596555	6.5×55 mm	T
PremierUniPlanner Screw	803596560	6.5×60 mm	T
PremierUniPlanner Screw	803596565	6.5×65 mm	T

product information

Name	Code	Size	Material
PremierUniPlanner Reduction Screw	803604020	4.0×20mm	T
PremierUniPlanner Reduction Screw	803604025	4.0×25mm	T
PremierUniPlanner Reduction Screw	803604030	4.0×30 mm	T
PremierUniPlanner Reduction Screw	803604035	4.0×35 mm	T
PremierUniPlanner Reduction Screw	803604040	4.0×40mm	T
PremierUniPlanner Reduction Screw	803604045	4.0×45 mm	T
PremierUniPlanner Reduction Screw	803604050	4.0×50 mm	T
PremierUniPlanner Reduction Screw	803604520	4.5×20mm	T
PremierUniPlanner Reduction Screw	803604525	4.5×25 mm	T
PremierUniPlanner Reduction Screw	803604530	4.5×30 mm	T
PremierUniPlanner Reduction Screw	803604535	4.5×35 mm	T
PremierUniPlanner Reduction Screw	803604540	4.5×40 mm	T
PremierUniPlanner Reduction Screw	803604545	4.5×45 mm	T
PremierUniPlanner Reduction Screw	803604550	4.5×50 mm	T
PremierUniPlanner Reduction Screw	803604555	4.5×55 mm	T
PremierUniPlanner Reduction Screw	803605025	5.0×25 mm	T
PremierUniPlanner Reduction Screw	803605030	5.0×30 mm	T
PremierUniPlanner Reduction Screw	803605035	5.0×35 mm	T
PremierUniPlanner Reduction Screw	803605040	5.0×40 mm	T
PremierUniPlanner Reduction Screw	803605045	5.0×45 mm	T
PremierUniPlanner Reduction Screw	803605050	5.0×50 mm	T
PremierUniPlanner Reduction Screw	803605055	5.0×55 mm	T
PremierUniPlanner Reduction Screw	803605525	5.5×25 mm	T
PremierUniPlanner Reduction Screw	803605530	5.5×30 mm	T
PremierUniPlanner Reduction Screw	803605535	5.5×35 mm	T
PremierUniPlanner Reduction Screw	803605540	5.5×40 mm	T
PremierUniPlanner Reduction Screw	803605545	5.5×45 mm	T



product information

Name	Code	Size	Material
PremierUiplanner Reduction Screw	803605550	5.5×50 mm	T
PremierUiplanner Reduction Screw	803605555	5.5×55mm	T
PremierUiplanner Reduction Screw	803606025	6.0×25 mm	T
PremierUiplanner Reduction Screw	803606030	6.0×30 mm	T
PremierUiplanner Reduction Screw	803606035	6.0×35 mm	T
PremierUiplanner Reduction Screw	803606040	6.0×40 mm	T
PremierUiplanner Reduction Screw	803606045	6.0×45 mm	T
PremierUiplanner Reduction Screw	803606050	6.0×50 mm	T
PremierUiplanner Reduction Screw	803606055	6.0×55 mm	T
PremierUiplanner Reduction Screw	803606060	6.0×60 mm	T
PremierUiplanner Reduction Screw	803606065	6.0×65 mm	T
PremierUiplanner Reduction Screw	803606525	6.5×25 mm	T
PremierUiplanner Reduction Screw	803606530	6.5×30 mm	T
PremierUiplanner Reduction Screw	803606535	6.5×35 mm	T
PremierUiplanner Reduction Screw	803606540	6.5×40 mm	T
PremierUiplanner Reduction Screw	803606545	6.5×45 mm	T
PremierUiplanner Reduction Screw	803606550	6.5×50 mm	T
PremierUiplanner Reduction Screw	803606555	6.5×55 mm	T
PremierUiplanner Reduction Screw	803606560	6.5×60 mm	T
PremierUiplanner Reduction Screw	803606565	6.5×65 mm	T














product information

Name	Code	Size	Material
Premier connecting rod	800005070	5.5×70 mm	T
Premier connecting rod	800005075	5.5×75 mm	T
Premier connecting rod	800005080	5.5×80 mm	T
Premier connecting rod	800005085	5.5×85 mm	T
Premier connecting rod	800005090	5.5×90 mm	T
Premier connecting rod	800005095	5.5×95 mm	T
Premier connecting rod	800005100	5.5×100 mm	T
Premier connecting rod	800005105	5.5×105 mm	T
Premier connecting rod	800005110	5.5×110 mm	T
Premier connecting rod	800005120	5.5×120mm	T
Premier connecting rod	800005130	5.5×130mm	T
Premier connecting rod	800005140	5.5×140mm	T
Premier connecting rod	800005150	5.5×150mm	T
Premier connecting rod	800005250	5.5×250 mm	T
Premier connecting rod	800005500	5.5×500 mm	T
Premier connecting rod	800005030	5.5×30 mm	T
Premier connecting rod	800005035	5.5×35 mm	T
Premier connecting rod	800005040	5.5×40 mm	T
Premier connecting rod	800005045	5.5×45 mm	T
Premier connecting rod	800005050	5.5×50 mm	T
Premier connecting rod	800005055	5.5×55 mm	T
Premier connecting rod	800005060	5.5×60 mm	T
Premier connecting rod	800005065	5.5×65 mm	T










product information

Name	Code	Size	Material
 Premier Set Screw	800420500	5.5mm	T
 Premier Self-breaking plug	800421500	5.5mm	T
 Premier Reduction Set screw	800422500	5.5mm	T
 Premier Lateral Connector	803835620	5.5/6.0-20mm	T
 Premier Lateral Connector	803835630	5.5/6.0-30mm	T
 Premier Lateral Connector	803835640	5.5/6.0-40mm	T
 Premier Lateral Connector	803835650	5.5/6.0-50mm	T
 Premier Lateral Connector	803835660	5.5/6.0-60mm	T
 Premier Lateral Connector-1	803845520	5.5/5.5-20mm	T
 Premier Lateral Connector-1	803845530	5.5/5.5-30mm	T
 Premier Lateral Connector-1	803845540	5.5/5.5-40mm	T
 Premier Lateral Connector-1	803845550	5.5/5.5-50mm	T
 Premier Lateral Connector-1	803845560	5.5/5.5-60mm	T

product information

Name	Code	Size	Material
 Premier Donimo Connector	800440808	5.5/5.5mm	T
 Premier Donimo Connector -2	803865500	5.5/5.5mm	T
 Premier hook	803920001	5.5 Pedicle hook	T
 Premier hook	803920002	5.5 Lamina hook	T
 Premier hook	803920003	5.5 transverse process hook	T