

# TIS™-SCREW

Trans-iliac and pelvis screw



TIS™-screw Ø 7.5 mm; inside Ø 2.9 mm; self drilling; self tapping; titanium; TiOB	
3.530.50	fully threaded; length 50 mm
3.530.55	fully threaded; length 55 mm
3.530.60	fully threaded; length 60 mm
3.530.65	fully threaded; length 65 mm
3.530.70	fully threaded; length 70 mm
3.530.75	fully threaded; length 75 mm
3.530.80	fully threaded; length 80 mm
3.530.85	fully threaded; length 85 mm
3.530.90	fully threaded; length 90 mm
3.530.95	fully threaded; length 95 mm
3.530.100	fully threaded; length 100 mm
3.530.105	fully threaded; length 105 mm
3.530.110	fully threaded; length 110 mm
3.530.115	fully threaded; length 115 mm
3.530.120	fully threaded; length 120 mm
3.530.125	fully threaded; length 125 mm
3.530.130	fully threaded; length 130 mm
3.530.135	fully threaded; length 135 mm
3.530.140	fully threaded; length 140 mm
3.530.145	fully threaded; length 145 mm
3.530.150	fully threaded; length 150 mm
3.530.155	fully threaded; length 155 mm
3.530.160	fully threaded; length 160 mm
3.530.165	fully threaded; length 165 mm
The lengths 170mm - 200mm of the TIS screw with full thread are only available sterile packed. (in 5 mm steps)	

All implants are also available sterile packed.



TIS™-screw Ø 7.5 mm; inside Ø 2.9 mm; self drilling; self tapping; back tapping; titanium; TiOB	
3.531.50	thread 32 mm; length 50 mm
3.531.55	thread 32 mm; length 55 mm
3.531.60	thread 32 mm; length 60 mm
3.531.65	thread 32 mm; length 65 mm
3.531.70	thread 32 mm; length 70 mm
3.531.75	thread 32 mm; length 75 mm
3.531.80	thread 32 mm; length 80 mm
3.531.85	thread 32 mm; length 85 mm
3.531.90	thread 32 mm; length 90 mm
3.531.95	thread 32 mm; length 95 mm
3.531.100	thread 32 mm; length 100 mm
3.531.105	thread 32 mm; length 105 mm
3.531.110	thread 32 mm; length 110 mm
3.531.115	thread 32 mm; length 115 mm
3.531.120	thread 32 mm; length 120 mm
3.531.125	thread 32 mm; length 125 mm
3.531.130	thread 32 mm; length 130 mm
3.531.135	thread 32 mm; length 135 mm
The lengths 140mm - 200mm of the TIS screw with partial thread 32mm are only available sterile packed. (in 5 mm steps)	

## Advantages at a glance

- Percutaneous treatment
- Screw diameter  $\varnothing$  7.5 mm allows the use of a solid guide wire  $\varnothing$  2.8 mm
- Positioning of the screw in front of the cement application
- Specially adapted application system
- Reduced risk of cement dislocation and complications such as nerve compression and embolism
- Full thread is self-tapping and self-drilling, partial thread is back-tapping, self-tapping and self-drilling
- Implantable with and without washer

## Indications and contraindications

### Indications

- Fractures and injuries:  
osteoporotic and non-osteoporotic fractures  
in the pelvis
- Diseases:  
arthrosis in the iliosacral joint

### Contraindications

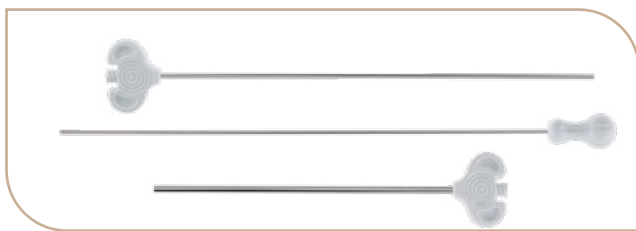
- osteoporotic fractures of the sacrum  
(zone III according to Denis)
- cementation in the fracture
- rupturing of the iliosacral joint

## Target group

- The treatment with a TIST<sup>TM</sup>-screw is for adolescent and adult patients.

## Cement application

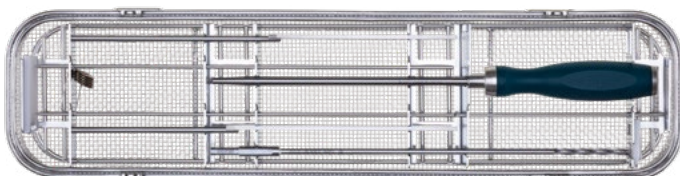
- The cannulated and fenestrated TIST<sup>TM</sup>-screws allow precise and dosed cementation in the osteoporotic bone after controlling the screw position.
- Depending on the necessary compression in the fracture or joint gap, a full or partial thread screw can be used.



- The SPASY<sup>TM</sup>-cement application system allows the guide tube to safely and quickly locate the implanted TIST<sup>TM</sup>-screws, ensuring safe and clean cement application.

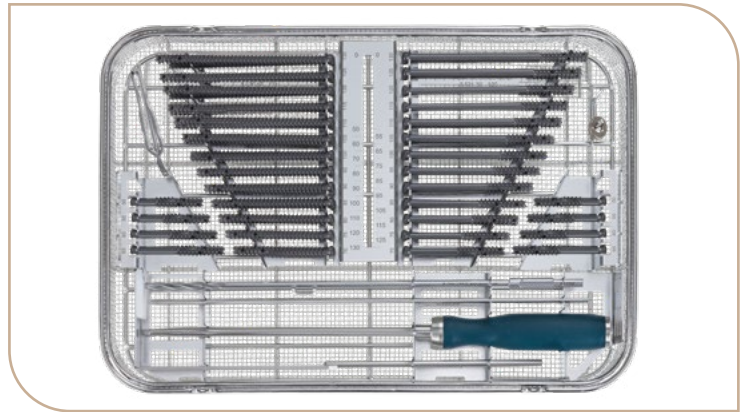
## Instrumental Set 7.5

The instrumental set for all lengths (sterile packed and non-sterile packed) of the TIST<sup>TM</sup> screw



Item no.	Item description	Quant.
Implants - screws		
<b>TIS™ Screws; full thread; TiOB; Ø 7.5 mm, inner Ø 2.9 mm; self-drilling; self-tapping; titanium</b>		
3.530.50	Length 50 mm	2
3.530.55	Length 55 mm	2
3.530.60	Length 60 mm	2
3.530.65	Length 65 mm	2
3.530.70	Length 70 mm	2
3.530.75	Length 75 mm	2
3.530.80	Length 80 mm	2
3.530.85	Length 85 mm	2
3.530.90	Length 90 mm	2
3.530.95	Length 95 mm	2
3.530.100	Length 100 mm	2
3.530.105	Length 105 mm	2
3.530.110	Length 110 mm	2
3.530.115	Length 115 mm	2
3.530.120	Length 120 mm	2
3.530.125	Length 125 mm	2
3.530.130	Length 130 mm	2

Item no.	Item description	Quant.
Implants - screws		
<b>TIS™ Screws; thread 32mm; TiOB; Ø 7.5 mm, inner Ø 2.9 mm; self-drilling; self-tapping; back-tapping; titanium</b>		
3.531.50	Length 50 mm	2
3.531.55	Length 55 mm	2
3.531.60	Length 60 mm	2
3.531.65	Length 65 mm	2
3.531.70	Length 70 mm	2
3.531.75	Length 75 mm	2
3.531.80	Length 80 mm	2
3.531.85	Length 85 mm	2
3.531.90	Length 90 mm	2
3.531.95	Length 95 mm	2
3.531.100	Length 100 mm	2
3.531.105	Length 105 mm	2
3.531.110	Length 110 mm	2
3.531.115	Length 115 mm	2
3.531.120	Length 120 mm	2
3.531.125	Length 125 mm	2
3.531.130	Length 130 mm	2



Set TIS™-screws with instruments; set no. 19.681.00

Further implants		Quant.
3.200.04	washer; outside Ø 16 mm; inside Ø 6.7 mm; titanium	5

Instruments, wires, container		
2.908.50	drill bit with coupling; Ø 5.0 mm x 300 mm; spiral length 55 mm; cannulated; inside Ø 2.9 mm; four-spiral	1
2.9435.75	hex screwdriver with handle for Ø 7.5 mm; cannulated; inside Ø 2.9 mm; wrench size 4.0 mm; length 324 mm	1
2.952.200	gauge for cannulated screws Ø7.5, measuring range 200, length 252mm	1
2.954.01	screw forceps; self holding	1
2.980.28	guide wire; Ø 2.8 mm x 300 mm; thread 5.0 mm; stainless steel	5
19.680.00	perforated autoclavable container with inset for instruments and TIS™-screws Ø 7.5 mm	1



TIS™-screw; thread 32 mm; item no. 3.531.90



TIS™-screw; fully threaded; item no. 3.530.90

**Information:**

The name TIS™ derives from the German designation "Transiliosakralschraube", which translates into English as "transiliosacral screw".

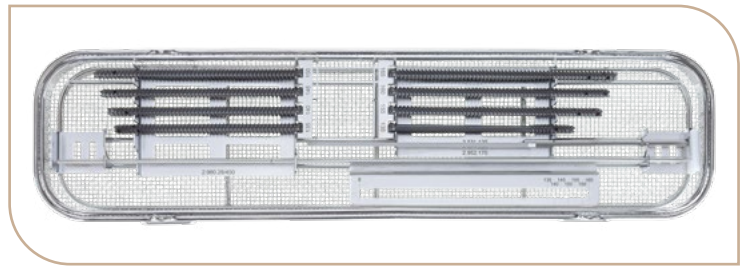
Products with the add-on "™" are trademarks of Königsee Implantate.

TiOB® is a surface treatment that brings optimized properties.

## Upgrade Set for TIS™-Screws

TIS™-screws; fully threaded; Ø 7.5 mm; inside Ø 2.9 mm; self drilling; self tapping; titanium		Quant.
3.530.135	length 135 mm	2
3.530.140	length 140 mm	2
3.530.145	length 145 mm	2
3.530.150	length 150 mm	2
3.530.155	length 155 mm	2
3.530.160	length 160 mm	2
3.530.165	length 165 mm	2

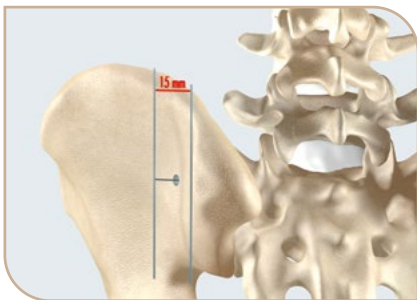
TIS™-screws; thread 32 mm; Ø 7.5 mm; inside Ø 2.9 mm; self drilling; self tapping; back tapping; titanium		Quant.
3.531.135	length 135 mm	2



Upgrade set for TIS™-screws with instruments; set no. 19.681.00/1

Instruments, wires, container	Quant.	
2.952.200	gauge for cannulated screws Ø7.5, measuring range 200, length 252mm	1
2.980.28/450	guide wire; Ø 2.8 mm x 450 mm; thread 5 mm; stainless steel	5
19.680.00/1	perforated autoclavable container with inset for instruments and implants for upgrade-set TIS™-screws	1

## Implantation of the TIS™-screw



Access dorsal view



Implanted screw

## Contact details



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This document replaces neither the surgical instruction nor the technical introduction of the product application.  
For detailed information: <https://ksi.online-ifu.com>

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