

# Gliding Nail

1.2. pozicija **Titanium**

1.3. pozicija - vinies proksimalinis galas be angų



Item no. 7.282.45

Item no.	Item description
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## Gliding nail; length 300 mm

7.282.12	gliding nail; Ø 1.2 mm; length 300 mm; titanium
7.282.15	gliding nail; Ø 1.5 mm; length 300 mm; titanium
7.282.16	gliding nail; Ø 1.6 mm; length 300 mm; titanium
7.282.18	gliding nail; Ø 1.8 mm; length 300 mm; titanium
7.282.20	gliding nail; Ø 2.0 mm; length 300 mm; titanium
7.282.25	gliding nail; Ø 2.5 mm; length 300 mm; titanium
7.282.30	gliding nail; Ø 3.0 mm; length 300 mm; titanium
7.282.32	gliding nail; Ø 3.2 mm; length 300 mm; titanium
7.282.35	gliding nail; Ø 3.5 mm; length 300 mm; titanium
7.282.40	gliding nail; Ø 4.0 mm; length 300 mm; titanium
7.282.45	gliding nail; Ø 4.5 mm; length 300 mm; titanium
7.282.50	gliding nail; Ø 5.0 mm; length 300 mm; titanium

## Gliding nail; length 450 mm

7.281.12	gliding nail; Ø 1.2 mm; length 450 mm; titanium
7.281.15	gliding nail; Ø 1.5 mm; length 450 mm; titanium
7.281.16	gliding nail; Ø 1.6 mm; length 450 mm; titanium
7.281.18	gliding nail; Ø 1.8 mm; length 450 mm; titanium
7.281.20	gliding nail; Ø 2.0 mm; length 450 mm; titanium
7.281.25	gliding nail; Ø 2.5 mm; length 450 mm; titanium
7.281.30	gliding nail; Ø 3.0 mm; length 450 mm; titanium
7.281.32	gliding nail; Ø 3.2 mm; length 450 mm; titanium
7.281.35	gliding nail; Ø 3.5 mm; length 450 mm; titanium
7.281.40	gliding nail; Ø 4.0 mm; length 450 mm; titanium
7.281.45	gliding nail; Ø 4.5 mm; length 450 mm; titanium
7.281.50	gliding nail; Ø 5.0 mm; length 450 mm; titanium

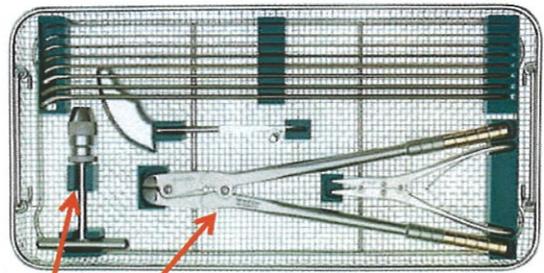
1.4. pozicija

# Set Gliding Nails

length 450 mm; titanium; Set no. 19.290.10



Item no. 7.281.45 1.5, 1.6. pozicija - vinys nukerpamos žnyplėmis ir galutinai įvedamos impaktorių pagalba



Item no. 19.292.10

Item no.	Item description	Quant.
<b>Implants – nails</b>		
Gliding nail; length 450 mm; titanium		
7.281.15	Ø 1.5 mm; titanium	2
7.281.20	Ø 2.0 mm; titanium	2
7.281.25	Ø 2.5 mm; titanium	2
7.281.32	Ø 3.0 mm; titanium	2
7.281.35	Ø 3.2 mm; titanium	2
7.281.40	Ø 4.0 mm; titanium	2
7.281.45	Ø 4.5 mm; titanium	2
7.281.50	Ø 5.0 mm; titanium	2

Item no.	Item description	Quant.
<b>Instruments</b>		
6.903.02	impactor with quick-action chuck; cannulated; inside Ø 5.2 mm	1
6.906.03	power cutter for wires to maximum Ø 3.0 mm (stainless steel) and Ø 4.0 mm (titanium)	1
10.421.01	extraction forceps for wires; flat	1
10.509.00	awl; Ø 8.0 mm	1
<b>Container</b>		
19.291.00	perforated autoclavable container with inset for instruments and gliding nails	1

Additionally you can order item no. 6.906.06 – power cutter for wires to maximum Ø 6.0 mm.



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[www.koenigsee-implantate.com](http://www.koenigsee-implantate.com)

DaTi | Edition 02 | 2019-02  
All pictured products are CE compliant.



## Features and benefits

- Dedicated for redirecting the growth of long bones in growing children 2.1. pozicija  
3.1. pozicija
- Color coded plates and screws
- Sterile and non-sterile implants
- eight-Plate (for two screws placement) and quad-Plate (for four screws placement) 2.3. pozicija  
3.3. pozicija
- Unique screw hole design for a screw angulation up to 60 degrees



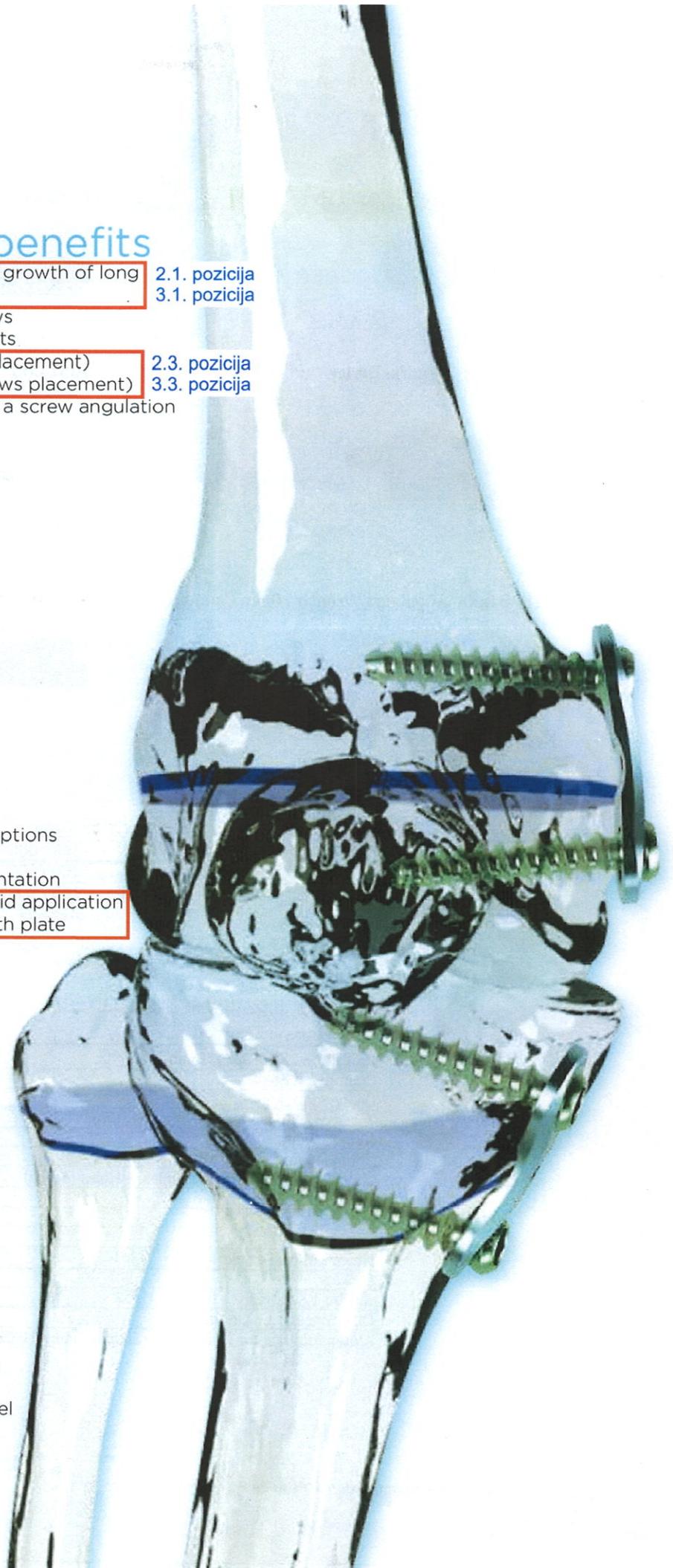
## Benefits to Surgeons

- Plates sizes: 12, 16 and 20mm
  - Cannulated and solid screw options
  - Titanium alloy implants
  - Optimized and lean instrumentation
  - Central "dome" designed to aid application and removal across the growth plate
- 2.2. pozicija  
3.2. pozicija  
2.3. pozicija  
3.3. pozicija



## Benefits to Patients

- Minimally invasive
- Early weight bearing as tolerated by the patient and under surgeon discretion
- Titanium alloy implants to avoid allergic reaction to nickel
- Low profile plates



## E. Guided Growth System (Plus)



2.3. pozicija

3.3. pozicija

**1**  
T80212 Guided Growth Plate System Plus  
TI eight-Plate L 12mm

**2**  
T80216 Guided Growth Plate System Plus  
TI eight-Plate L 16mm

**3**  
T80220 Guided Growth Plate System Plus  
TI eight-Plate L 20mm

**4**  
T80416 Guided Growth Plate System Plus  
TI quad-Plate L 16mm

**5**  
T80422 Guided Growth Plate System Plus  
TI quad-Plate L 22mm

Note: All the Plates are also available packaged sterile. They can be ordered using the above code numbers preceded by 99- (e.g. 99-T80212).

See Operative Technique EP-1701-OPT  
"Guided Growth System Plus"



Manufactured by:  
**ORTHOFIX Srl**  
Via Delle Nazioni 9, 37012 Bussolengo (Verona), Italy  
Telephone +39 045 6719000, Fax +39 045 6719380



# 1. Screws



1

## Guided Growth Plate System Plus TI Solid Screw Ø3.5

Length (mm)	Code
12	T80312
14	T80314
16	T80316



2

## Guided Growth Plate System Plus TI Solid Screw Ø4.5

Length (mm)	Code
24	T80024
32	T80032
36	T80036



2

## Guided Growth Plate System Plus TI Cannulated Screw Ø4.5

Length (mm)	Code
16	T80116
24	T80124
32	T80132
36	T80136

2.4. pozicija  
3.4. pozicija

**1**  
Ø3.5 Solid Screw eight-Plate Plus Color Coded - Yellow

**2**  
Ø4.5 Solid Screw eight-Plate Plus Color Coded - Blue

**3**  
Ø4.5 Cannulated Screw eight-Plate Plus Color Coded - Green

Note: All the Screws are also available packaged sterile. They can be ordered using the above code numbers preceded by 99- (e.g. 99-T80312).



## Überblick Over view

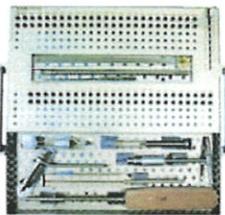


### Durchbohrte Schrauben allgemein:

- selbstschneidend (ss), selbstbohrend (sb) und rückschneidend (rs)
- erhältlich in den Durchmessern 2,7/ 3,5 /4,0 /4,5 /6,5 und 7,0 mm
- Schrauben der Durchmesser 2,7/ 4,0 /6,5 sind TiOB® optimiert
- Titanlegierung
- erhältlich als Komplet-Sets mit Instrumenten und Implantaten

### Sraigčiai savisriegiai (jsriegiant ir išsriegiant), savigręžiai Cannulated screws - general:

- self-tapping (st), self-drilling (sd) and back-tapping (bt)
- available for diameters 2.7 / 3.5 /4.0 /4.5 /6.5 and 7.0 mm
- screws with diameter 2.7 / 4.0 /6.5 are TiOB® optimized
- titanium alloy **4.2. pozicija**
- available as complete sets with instruments and implants

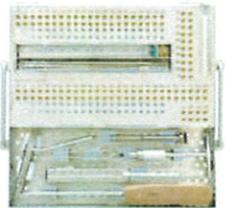


#### Durchbohrte Schrauben D 2,7

- Komplet-Set: Art.-Nr. 19.170.00
- Schrauben sb, ss, Teilgewinde, Längen 10 - 60 mm
- Art.-Nr. 3.448.xx
- Schrauben sb, ss, Vollgewinde, Längen 10 - 60 mm
- Art.-Nr. 3.450.xx

#### Cannulated screws Ø 2.7

- complete set: item no.: 19.170.00
- screws sd, st, con. head thread, length 10 - 60 mm
- item no.: 3.448.xx
- screws sd, st, fully threaded, length 10 - 60 mm
- item no.: 3.450.xx

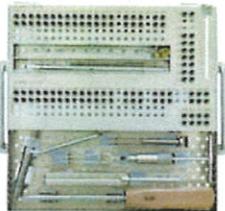


#### Durchbohrte Schrauben D 3,5

- Komplet-Set: Art.-Nr. 19.184.00
- Schrauben sb, ss, rs, Teilgewinde, Längen 10 - 70 mm
- Art.-Nr. 3.504.xx
- Schrauben sb, ss, rs, Vollgewinde, Längen 10 - 70 mm
- Art.-Nr. 3.604.xx

#### Cannulated screws Ø 3.5

- complete set: item no.: 19.184.00
- screws sd, st, bt, con. head thread, length 10 - 70 mm
- item no.: 3.504.xx
- screws sd, st, bt, fully threaded, length 10 - 70 mm
- item no.: 3.604.xx

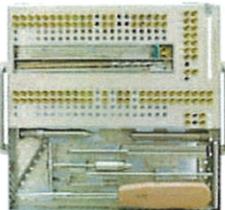


#### Durchbohrte Schrauben D 4,0

- Komplet-Set: Art.-Nr. 19.190.00
- Schrauben sb, ss, rs, Teilgewinde, Längen 10 - 70 mm
- Art.-Nr. 3.440.xx
- Schrauben sb, ss, rs, Vollgewinde, Längen 10 - 70 mm
- Art.-Nr. 3.445.xx

#### Cannulated screws Ø 4.0

- complete set: item no.: 19.190.00
- screws sd, st, bt, con. head thread, length 10 - 70 mm
- item no.: 3.440.xx
- screws sd, st, bt, fully threaded, length 10 - 70 mm
- item no.: 3.445.xx

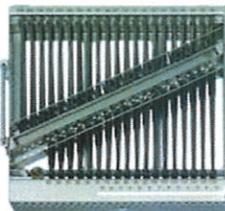


#### Durchbohrte Schrauben D 4,5

- Komplet-Set: Art.-Nr. 19.203.00
- Schrauben sb, ss, rs, Teilgewinde, Längen 20 - 72 mm
- Art.-Nr. 3.434.xx
- Schrauben sb, ss, Vollgewinde, Längen 20 - 72 mm
- Art.-Nr. 3.439.xx

#### Cannulated screws Ø 4.5

- complete set: item no.: 19.203.00
- screws sd, st, bt, con. head thread, length 20 - 72 mm
- item no.: 3.434.xx
- screws sd, st, fully threaded, length 20 - 72 mm
- item no.: 3.439.xx

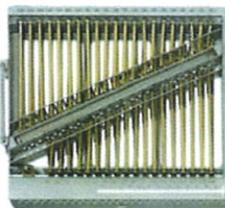


#### Durchbohrte Schrauben D 6,5

- Komplet-Set: Art.-Nr. 19.210.00
- Schrauben sb, ss, rs, Gewinde 16mm, Längen 30 - 130 mm
- Art.-Nr. 3.520.xx
- Schrauben sb, ss, rs, Gewinde 32mm, Längen 45 - 130 mm
- Art.-Nr. 3.523.xx

#### Cannulated screws Ø 6.5

- complete set: item no.: 19.210.00
- screws sd, st, bt, thread 16mm, length 30 - 130 mm
- item no.: 3.520.xx
- screws sd, st, bt, thread 32mm, length 45 - 130 mm
- item no.: 3.523.xx



#### Durchbohrte Schrauben D 7,0

- Komplet-Set: Art.-Nr. 19.223.00
- Schrauben sb, ss, rs, Gewinde 16mm, Längen 30 - 130 mm
- Art.-Nr. 3.414.xx
- Schrauben sb, ss, rs, Gewinde 32mm, Längen 45 - 130 mm
- Art.-Nr. 3.424.xx

#### Cannulated screws Ø 7.0

- complete set: item no.: 19.223.00
- screws sd, st, bt, thread 16mm, length 30 - 130 mm
- item no.: 3.414.xx
- screws sd, st, bt, thread 32mm, length 45 - 130 mm
- item no.: 3.424.xx

Durchbohrte Schraube; Ø 2,7; sb, ss; Teilgewinde, Titan cannulated screws, Ø 2.7, sd, st, titanium		Art.-Nr. item no.	Anzahl im Set quantity in set	
<p><b>Dalinis sriegis</b></p> 	Länge/length	Gewinde/thread		
	10 mm	5 mm	3.448.10	2
	12 mm	5 mm	3.448.12	2
	14 mm	5 mm	3.448.14	2
	16 mm	6 mm	3.448.16	2
	18 mm	7 mm	3.448.18	2
	20 mm	8 mm	3.448.20	2
	22 mm	9 mm	3.448.22	2
	24 mm	10 mm	3.448.24	2
	26 mm	10 mm	3.448.26	2
	28 mm	12 mm	3.448.28	2
	30 mm	12 mm	3.448.30	2
	32 mm	12 mm	3.448.32	2
	34 mm	12 mm	3.448.34	2
	35 mm	15 mm	3.448.35	2
	36 mm	15 mm	3.448.36	2
	38 mm	15 mm	3.448.38	2
	40 mm	15 mm	3.448.40	2
	42 mm	15 mm	3.448.42	2
	44 mm	15 mm	3.448.44	2
	45 mm	15 mm	3.448.45	2
	46 mm	15 mm	3.448.46	2
	48 mm	15 mm	3.448.48	2
	50 mm	15 mm	3.448.50	2
	55 mm	20 mm	3.448.55	2
	60 mm	20 mm	3.448.60	2

4.3.1. pozicija

Durchbohrte Schraube; Ø 2,7; sb, ss; Vollgewinde, Titan cannulated screws, Ø 2.7, sd, st, <u>fully threaded</u> , titanium		Art.-Nr. item no.	Anzahl im Set quantity in set	
<p><b>Pilnas sriegis</b></p> 	Länge/length			
	10 mm		3.450.10	2
	12 mm		3.450.12	2
	14 mm		3.450.14	2
	16 mm		3.450.16	2
	18 mm		3.450.18	2
	20 mm		3.450.20	2
	22 mm		3.450.22	2
	24 mm		3.450.24	2
	26 mm		3.450.26	2
	28 mm		3.450.28	2
	30 mm		3.450.30	2
	32 mm		3.450.32	2
	34 mm		3.450.34	2
	35 mm		3.450.35	2
	36 mm		3.450.36	2
	38 mm		3.450.38	2
	40 mm		3.450.40	2
	42 mm		3.450.42	2
	44 mm		3.450.44	2
	45 mm		3.450.45	2
	46 mm		3.450.46	2
	48 mm		3.450.48	2
	50 mm		3.450.50	2
	55 mm		3.450.55	2
	60 mm		3.450.60	2

4.3.1. pozicija

Durchbohrte Schraube; Ø4,0; sb, ss, rs; Teilgewinde, Titan cannulated screws, Ø 4.0, sd, st, bt, titanium		Art.-Nr. item no.	Anzahl im Set quantity in set		
<p><b>Dalinis sriegis</b></p>  <p>Länge/length</p> <p>Gewinde/thread</p>	10 mm	5 mm	4.3.2. pozicija	3.440.10	2
	12 mm	5 mm		3.440.12	2
	14 mm	5 mm		3.440.14	2
	16 mm	6 mm		3.440.16	2
	18 mm	7 mm		3.440.18	2
	20 mm	8 mm		3.440.20	2
	22 mm	9 mm		3.440.22	2
	24 mm	10 mm		3.440.24	2
	26 mm	12 mm		3.440.26	2
	28 mm	14 mm		3.440.28	2
	30 mm	14 mm		3.440.30	2
	32 mm	14 mm		3.440.32	2
	34 mm	14 mm		3.440.34	2
	35 mm	14 mm		3.440.35	2
	36 mm	14 mm		3.440.36	2
	38 mm	14 mm		3.440.38	2
	40 mm	14 mm		3.440.40	2
	42 mm	15 mm		3.440.42	2
	44 mm	15 mm	3.440.44	2	
	45 mm	15 mm	3.440.45	2	
	46 mm	15 mm	3.440.46	2	
	48 mm	15 mm	3.440.48	2	
	50 mm	15 mm	3.440.50	2	4.3.3. pozicija
	55 mm	16 mm	3.440.55	2	
	60 mm	16 mm	3.440.60	2	
	65 mm	17 mm	3.440.65	2	
	70 mm	17 mm	3.440.70	2	

Durchbohrte Schraube; Ø4,0; sb, ss; Vollgewinde, Titan cannulated screws, Ø 4.0, sd, st, <u>fully threaded</u> , titanium		Art.-Nr. item no.	Anzahl im Set quantity in set	
<p><b>Pilnas sriegis</b></p>  <p>Länge/length</p>	10 mm	4.3.2. pozicija	3.445.10	2
	12 mm		3.445.12	2
	14 mm		3.445.14	2
	16 mm		3.445.16	2
	18 mm		3.445.18	2
	20 mm		3.445.20	2
	22 mm		3.445.22	2
	24 mm		3.445.24	2
	26 mm		3.445.26	2
	28 mm		3.445.28	2
	30 mm		3.445.30	2
	32 mm		3.445.32	2
	34 mm		3.445.34	2
	35 mm		3.445.35	2
	36 mm		3.445.36	2
	38 mm		3.445.38	2
	40 mm		3.445.40	2
	42 mm		3.445.42	2
	44 mm	3.445.44	2	
	45 mm	3.445.45	2	
46 mm	3.445.46	2		
48 mm	3.445.48	2		
50 mm	3.445.50	2	4.3.3. pozicija	
55 mm	3.445.55	2		
60 mm	3.445.60	2		
65 mm	3.445.65	2		
70 mm	3.445.70	2		



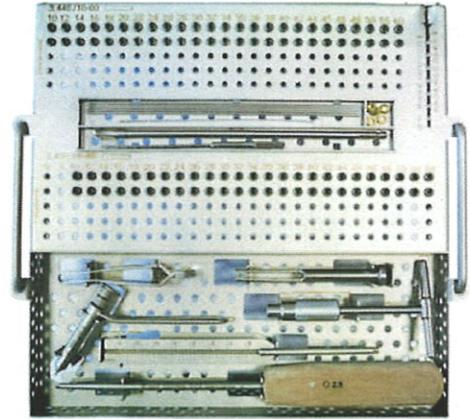
## Durchbohrte Schrauben Ø 2,7 - Titan

### cannulated screws Ø 2.7 mm - titanium

#### Eigenschaften

characteristics

Durchmesser - diameter	2,7 mm
Führungsdraht - guide wire	1,4 mm
Steigung - incline	1,25 mm
Schlüsselweite - wrench width	2,5 mm
TiOB®-beschichtet - treated with TiOB®	
selbstschneidend - self-tapping	



Bezeichnung Item designation	Art.-Nr. item no.	Anzahl im Set quantity in set
Set komplett - Instrumente und Implantate, Titan complete set - instruments and implants, titanium	19.170.00	
Siebkorb mit Einsatz für Instrumente und Implantate perforated autoclavable container with inset for instruments/ cannul. screws Ø2.7	19.171.00	
Stericcontainer 290x290x100, silber sterilizing container, 290x290x100, colour silver	19.000.10	
<b>Instrumente - Instruments</b>		
Perkutanes Bohrbuchsensystem für durchbohrte Schrauben Ø 2,7 mm percutaneous drill bush system for cannulated screws Ø2.7	10.927.00	1
Vorbohrer durchbohrt AØ 2,2 mm / IØ 1,5 mm, L 100 mm / 60 mm, für Schnellkupplung pilot drill bit for quick coupling, Ø 2.2 x 100, bore length 60, cannulated, IØ 1.5 mm	2.906.27	1
Kopfraumfräser, Ø 5 x 160, durchbohrt, für Schrauben Ø 2,7 mm, IØ 1,5, f. Schnellkupplung countersink, Ø 5 x 160, cannulated, for cannulated screws Ø 2.7, IØ 1.5	2.907.27	1
T-Griffstück mit Schnellkupplung, IØ 2,5 mm T-handle with quick coupling, cannulated, IØ 2.5	10.306.06	1
Sechskantschraubendreher durchbohrt, für Schrauben Ø 2,7 - Ø 4,0 mm hexagonal screw driver cannulated, for screws Ø 2.7 - 4.0 mm	2.943.40SA	1
Messstab für durchbohrte Schrauben Ø 2,7 - 4,0 mm, MB 80 gauge for cannulated screws Ø 2.7 - 4.0, m-range 80	2.950.150	1
Selbsthaltende Schraubenpinzette Screw forceps, self holding	2.954.01	1
Haltehülse für Schrauben Ø 2,7 -3,5 mm holding sleeve for screws Ø 2.7 - 3.5 mm	2.954.27A	1
Reinigungsdraht Ø1,4 für durchbohrte Instrumente cleaning wire Ø1.4 for cannulated instruments	2.955.14	1
Unterlegscheibe für Schrauben Ø 2,7, AØ 6 mm, IØ 3 mm, Titan washer, for screws ØØ 6 mm, IØ 3 mm, ti	3.200.10	5
Halteklammer für Unterlegscheiben, klein holding clamp for washer, small	20.502.01	1
Führungsdraht mit 5 mm Gewinde, Ø 1,4 mm, Länge 150 mm, Stahl guide wire with 5 mm thread, Ø 1.4 mm, length 150 mm, st.st.	2.978.14	5

4.3.8. pozicija - poveržlės

4.3.9. pozicija - Kiršnerio viela su sriegiu

# Durchbohrte Schrauben Ø 4,0 - Titan

## cannulated screws Ø 4.0 mm - titanium

### Eigenschaften

characteristics

Schraubendurchmesser - Screw diameter	4,0 mm
Führungsdraht - guide wire	1,6 mm
Steigung - incline	1,75 mm
Schlüsselweite - wrench width	2,5 mm
TiOB®-beschichtet - treated with TiOB®	
selbstschneidend - self-tapping	
selbstbohrend - self drilling	



Bezeichnung Item designation	Art.-Nr. item no.	Anzahl im Set quantity in set
Set komplett - Instrumente und Implantate, Titan complete set - instruments and implants, titanium	19.190.00	
Siebkorb mit Einsatz für Instrumente und Implantate perforated autoclavable container with inset for instruments/ cannul. screws Ø4.0	19.191.00	
Stericcontainer 290 x 290 x 100, silber sterilizing container, 290 x 290 x 100, colour silver	19.000.10	
<b>Instrumente - Instruments</b>		
Perkutanes Bohrbuchsensystem für durchbohrte Schrauben Ø 4,0 mm percutaneous drill bush system for cannulated screws Ø 4.0 mm	10.940.00	1
Vorböhrer durchbohrt AØ 3,0 mm / IØ 1,8 mm, L 100 mm / 60 mm, für Schnellkupplung pilot drill bit f. quick coupling, Ø 3 x 100, bore length 60, cannulated, inside Ø1.8	2.906.40	1
Kopfraumfräser Ø 6 x 160; durchbohrt, IØ 1,8; für durchbohrte Schrauben Ø 4,0 mm countersink, Ø 6 x 160, cannulated, IØ1.8, for cannulated screws Ø 4.0 mm	2.907.40	1
T-Griffstück mit Schnellkupplung, IØ 2,5 mm T-handle with quick coupling, cannulated, IØ 2.5	10.306.06	1
Sechskantschraubendreher durchbohrt, für Schrauben Ø 2,7 - Ø 4,0 mm hexagonal screw driver cannulated, for screws Ø 2.7 - 4.0 mm	2.943.40SA	1
Messstab für durchbohrte Schrauben Ø 2,7 mm - Ø 4,0 mm, MB 80 gauge for cannulated screws Ø2.7 - 4.0, m-range 80	2.950.150	1
Selbsthaltende Schraubenpinzette Screw forceps, self holding	2.954.01	1
Haltehülse für Schrauben Ø 3,5 - 4,0 mm holding sleeve for screws Ø 3.5 - 4.0 mm	2.954.35A	1
Reinigungsdraht Ø 1,6 mm für durchbohrte Instrumente cleaning wire Ø1.6 for cannulated instruments	2.955.16	1
Unterlegscheibe für Schrauben Ø 4,0; AØ 10, IØ 5, Titan washer, for screws Ø 4,0; O Ø10 / IØ 5 mm, ti.	3.200.40	5
Halteklammer für Unterlegscheiben, klein holding clamp for washer, small	20.502.01	1
Führungsdraht m. 5 mm Gew., Ø 1,6 x150, Stahl guide wire, Ø 1.6 x150, thread 5 mm, st.st.	2.078.16	5

4.3.8. pozicija - poveržlės

4.3.9. pozicija - Kiršnerio viela su sriegiu

## Durchbohrte Schrauben Ø 4,5 - Titan

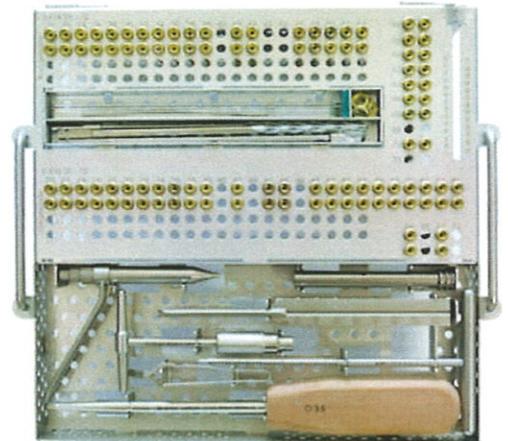
### cannulated screws Ø 4.5 mm - titanium

#### Eigenschaften

characteristics

Schraubendurchmesser - Screw diameter	4,5 mm
Führungsdraht - guide wire	1,6 mm
Steigung - incline	1,75 mm
Schlüsselweite - wrench width	3,5 mm

selbstschneidend - self-tapping  
selbstbohrend - self drilling



Bezeichnung Item designation	Art.-Nr. item no.	Anzahl im Set quantity in set
Set komplett - Instrumente und Implantate, Titan complete set - instruments and implants, titanium	19.203.00	
Siebkorb mit Einsatz für Instrumente und Implantate perforated autoclavable container with inset for instruments/ cannul. screws Ø4.5	19.205.00	
Stericcontainer 290 x 290 x 100, silber sterilizing container, 290 x 290 x 100, colour silver	19.000.10	
<b>Instrumente - Instruments</b>		
Perkutanes Bohrbuchensystem für durchbohrte Schrauben Ø 4,5 mm percutaneous drill bush system for cannulated screws Ø 4.5 mm	10.945.00	1
Spiralbohrer durchbohrt AD 3,2 x 160 / 60 mm, IØ 1,75 mm, für Schnellkupplung Drill bit f. quick coupling, OØ 3.2 x 160, spiral In 60, quadr.spiral, cannulated, IØ 1.75	2.905.32	1
Spiralbohrer durchbohrt AD 4,5 x 160 / 60 mm, IØ 1,8 mm, für Schnellkupplung Drill bit f. quick coupling, OØ 4.5 x 160, spiral In 60, quadr.spiral, cann., IØ 1.8	2.905.45	1
Kopfraumfräser Ø 6,5x160; durchbohrt, IØ 1,75; für durchbohrte Schrauben Ø 4,5 mm countersink, Ø 6.5 x 160, cannulated, IØ 1.75, for cannulated screws Ø4.5	2.907.45	1
Gewindeschneider mit T-Griff, durchbohrt, für Schrauben Ø 4,5 x 135 mm, ID 1,75 tap with T-handle, for screws Ø 4.5 x 135, cannulated, IØ 1.75	2.923.45	1
T-Griffstück mit Schnellkupplung, IØ 2,5 mm T-handle with quick coupling, cannulated, IØ 2.5	10.306.06	1
Sechskantschraubendreher durchbohrt, für Schrauben Ø 4,5 - 7,0 mm hexagonal screw driver cannulated, for screws Ø 4.5 - 7.0 mm	2.943.35	1
Messstab für durchbohrte Schrauben Ø 4,5 mm, MB 80 gauge for cannulated screws Ø 4.5 mm, m-range 80	2.951.150	1
Selbsthaltende Schraubenpinzette Screw forceps, self holding	2.954.01	1
Haltehülse für Schrauben Ø 4,5 mm holding sleeve for screws Ø 4.5 mm	2.954.45A	1
Reinigungsdraht Ø 1,6 mm für durchbohrte Instrumente cleaning wire Ø1.6 for cannulated instruments	2.955.16	1
Unterlegscheibe für Schrauben Ø 4,5 mm, AØ 10, IØ 5, T washer, for screws Ø 4,5; OØ10 / IØ 5, ti.	4.3.8. pozicija - poveržlės 3.200.40	5
Führungsdraht m. 5 mm Gew., Ø 1,6 mm x 150, Stahl guide wire, Ø 1.6x150, thread 5 mm, st.st.	4.3.9. pozicija - Kiršnerio viela su sriegiu 2.978.16	5

Durchbohrte Schraube; Ø 6,5; Gewinde 16 mm; sb, ss, rs, Titan cannulated screw; Ø 6.5; <u>thread 16 mm</u> ; sd, st, bt, titanium		Art.-Nr. item no.	Anzahl im Set quantity in set
 <p>Länge/length</p> <p>30 mm 35 mm 40 mm 45 mm 50 mm 55 mm 60 mm 65 mm 70 mm 75 mm 80 mm 85 mm 90 mm 95 mm 100 mm 105 mm 110 mm 115 mm 120 mm 125 mm 130 mm</p> <p>4.3.10. pozicija</p>	30 mm	3.520.30	2
	35 mm	3.520.35	2
	40 mm	3.520.40	2
	45 mm	3.520.45	2
	50 mm	3.520.50	2
	55 mm	3.520.55	2
	60 mm	3.520.60	2
	65 mm	3.520.65	2
	70 mm	3.520.70	2
	75 mm	3.520.75	2
	80 mm	3.520.80	2
	85 mm	3.520.85	2
	90 mm	3.520.90	2
	95 mm	3.520.95	2
	100 mm	3.520.100	2
	105 mm	3.520.105	2
	110 mm	3.520.110	2
	115 mm	3.520.115	2
	120 mm	3.520.120	2
125 mm	3.520.125	2	
130 mm	3.520.130	2	

Durchbohrte Schraube; Ø 6,5; Gewinde 32 mm; sb, ss, Titan cannulated screws; Ø 6.5; <u>thread 32 mm</u> ; sd, st, titanium		Art.-Nr. item no.	Anzahl im Set quantity in set
 <p>Länge/length</p> <p>45 mm 50 mm 55 mm 60 mm 65 mm 70 mm 75 mm 80 mm 85 mm 90 mm 95 mm 100 mm 105 mm 110 mm 115 mm 120 mm 125 mm 130 mm</p> <p>4.3.11. pozicija</p>	45 mm	3.523.40	2
	50 mm	3.523.45	2
	55 mm	3.523.50	2
	60 mm	3.523.55	2
	65 mm	3.523.60	2
	70 mm	3.523.65	2
	75 mm	3.523.70	2
	80 mm	3.523.75	2
	85 mm	3.523.80	2
	90 mm	3.523.85	2
	95 mm	3.523.90	2
	100 mm	3.523.95	2
	105 mm	3.523.100	2
	110 mm	3.523.105	2
	115 mm	3.523.110	2
	120 mm	3.523.115	2
	125 mm	3.523.120	2
	130 mm	3.523.125	2
		3.523.130	2

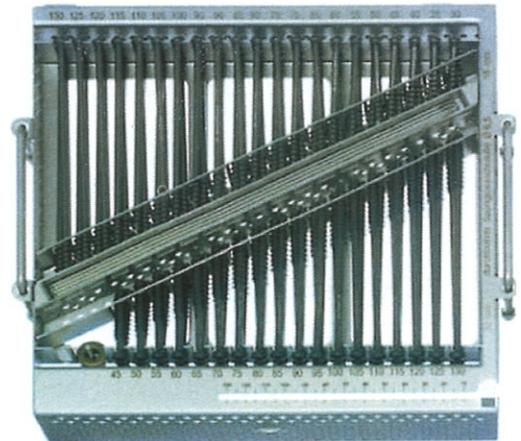
## Durchbohrte Schrauben Ø 6,5 - Titan

### cannulated screws Ø 6.5 mm - titanium

#### Eigenschaften

characteristics

Schraubendurchmesser - Screw diameter	6,5 mm
Führungsdraht - guide wire	2,0 mm
Steigung - incline	2,75 mm
Schlüsselweite - wrench width	3,5 mm
TiOB®-beschichtet - treated with TiOB®	
selbstschneidend - self-tapping	
selbstbohrend - self-drilling	



Bezeichnung Item designation	Art.-Nr. item no.	Anzahl im Set quantity in set
Set komplett - Instrumente und Implantate, Titan complete set - instruments and implants, titanium	19.210.00	
Siebkorb mit Einsatz für Instrumente und Implantate perforated autoclavable container with inset for instruments/ cannul. screws Ø 6.5	19.211.00	
Stericontainer 290 x 290 x 100, silber sterilizing container, 290 x 290 x 100, colour silver	19.000.10	
<b>Instrumente - Instruments</b>		
Perkutanes Bohrbuchsensystem für durchbohrte Schrauben Ø 6,5/7,0 mm percutaneous drill bush system for cannulated screws Ø 6.5/7.0 mm	10.965.00	1
Spiralbohrer durchbohrt AD 4,0 x 230 / 210 mm, IØ 2,1 mm, mit Dreikantschaft Drill bit f. quick coupling, OØ 4.0x230/210, triang. shank, triple spiral, cann., inside Ø2.1	2.908.40	1
Kopfraumfräser AØ 8x160; durchbohrt, IØ 2,1; für durchbohrte Schrauben Ø 6,5/7,0 mm countersink, OØ 8x160, cannulated, IØ2.1, for cannul. screws Ø 6.5/7.0	2.907.70	1
T-Griffstück mit Schnellkupplung, IØ 2,5 mm T-handle with quick coupling, cannulated, IØ 2.5	10.306.06	1
Sechskantschraubendreher durchbohrt, mit T-Griff für Schrauben Ø 4,5 - 7,0 mm Hex screwdriver with T-handle for screw Ø4.5 - 7.0, cannulated	2.942.02	1
Messstab für durchbohrte Schrauben Ø 6,5 und 7,0 mm, MB 230 gauge for cannulated screws Ø 6.5 and 7.0 mm; m-range 230	2.952.230	1
Selbsthaltende Schraubenpinzette Screw forceps, self holding	2.954.01	1
Parallelzielgerät für Führungsdraht D 2,0 mm Parallel drill guide device for guide wire Ø 2.0 mm	2.960.03	1
Haltehülse für Schrauben Ø 6,5 und 7,0 mm holding sleeve for screws Ø 6.5 and 7.0 mm	2.954.65A	1
Reinigungsdraht Ø2,0 mm für durchbohrte Instrumente cleaning wire Ø 2.0 for cannulated instruments	2.955.20	1
Unterlegscheibe für Schrauben Ø 6,5 / 7,0 mm, AØ 16; IØ 6,7, T washer for screws Ø 6.5 / 7.0 mm, OØ 16, IØ 6,7; ti.	3.200.04	5
Führungsdraht m. 5 mm Gew., D 2,0 mm, L 230, Stahl guide wire, Ø 2.0x230, thread 5 mm, st.st.	2.979.20	5

4.3.12. pozicija - poveržlės

4.3.13. pozicija - Kiršnerio viela su sriegiu

## Durchbohrte Schrauben Ø 7,0 - Titan

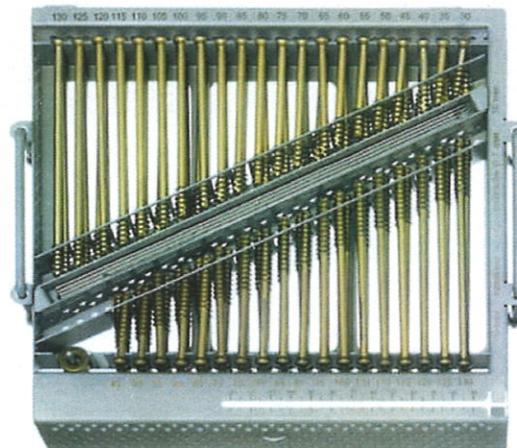
### cannulated screws Ø 7.0 mm - titanium

#### Eigenschaften

characteristics

Schraubendurchmesser - screw diameter	7,0 mm
Führungsdraht - guide wire	2,0 mm
Steigung - incline	2,75 mm
Schlüsselweite - wrench width	3,5 mm

selbstschneidend - self-tapping  
selbstbohrend - self drilling



Bezeichnung Item designation	Art.-Nr. item no.	Anzahl im Set quantity in set
Set komplett - Instrumente und Implantate, Titan complete set - instruments and implants, titanium	19.223.00	
Siebkorb mit Einsatz für Instrumente und Implantate perforated autoclavable container with inset for instruments/ cannul. screws Ø 7,0	19.224.00	
Stericcontainer 290 x 290 x 100, silber sterilizing container, 290 x 290 x 100, colour silver	19.000.10	
<b>Instrumente - Instruments</b>		
Perkutanes Bohrbuchensystem für durchbohrte Schrauben Ø 7,0 mm percutaneous drill bush system for cannulated screws Ø 7.0 mm	10.970.00	1
Spiralbohrer durchbohrt Ø 4,5 x 230 / 210 mm, IØ 2,1 mm, mit Dreikantschaft twist drill w. triangular shank, Ø 4.5 x 230, spiral In 40, cann., IØ 2.1, triple sp.	2.908.45	1
Kopfraumfräser AØ 8x160; durchbohrt, IØ 2,1; für durchbohrte Schrauben Ø 6,5/7,0 countersink, Ø 8x160, cannulated, IØ 2.1, for cannul. screws Ø 6.5/7.0	2.907.70	1
Gewindeschneider mit T-Griff, Ø 7 x 230; durchbohrt, IØ 2,3, extra lang tap with T-handle, Ø 7 x 230, cannulated, IØ 2.3, extra long	2.922.07	1
T-Griffstück mit Schnellkupplung, IØ 2,5 mm T-handle with quick coupling, cannulated, IØ 2.5	10.306.06	1
Sechskantschraubendreher mit T-Griff für Schrauben Ø 4,5 - Ø 7,0; durchbohrt, IØ 2,2 hexagonal screw driver with T-handle for screws Ø 4.5 - 7.0 mm, cann., IØ 2:2	2.942.02	1
Messstab für durchbohrte Schrauben Ø 6,5 und 7,0 mm, MB 230 gauge for cannulated screws Ø 6.5 and 7.0 mm, m-range 230	2.952.230	1
Selbsthaltende Schraubenpinzette Screw forceps, self holding	2.954.01	1
Parallelzielgerät für Führungsdraht Ø 2,0 mm Parallel drill guide device for guide wire Ø 2.0 mm	2.960.03	1
Haltehülse für Schrauben Ø 6,5 - 7,0 mm holding sleeve for screws Ø 6.5 - 7.0 mm	2.954.65A	1
Reinigungsdraht Ø 2,0 für durchbohrte Instrumente cleaning wire Ø 2.0 for cannulated instruments	2.955.20	1
Unterlegscheibe für Schrauben Ø 6,5 / 7,0 mm, AØ 16; IØ 6,7, T washer for screws Ø 6.5 / 7.0 mm, OØ 16, IØ 6,7; ti.	3.200.04	5
Führungsdraht m. 5 mm Gew., Ø 2,0 mm, L 230, Stahl guide wire, Ø 2.0 x 230, thread 5 mm, st.st.	2.979.20	5

4.3.13. pozicija - Kiršnerio viela su sriegiu