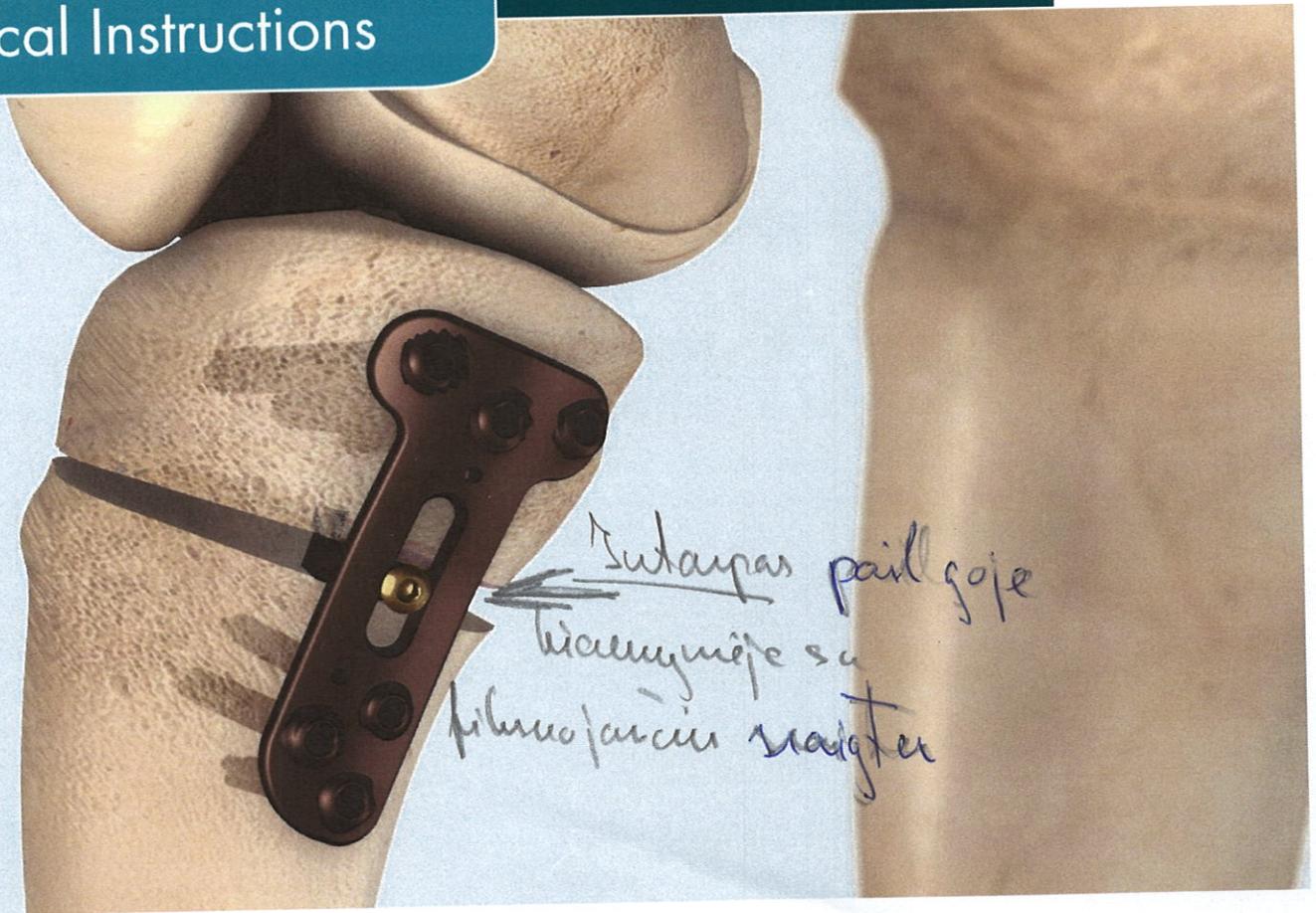


HTO PLATE

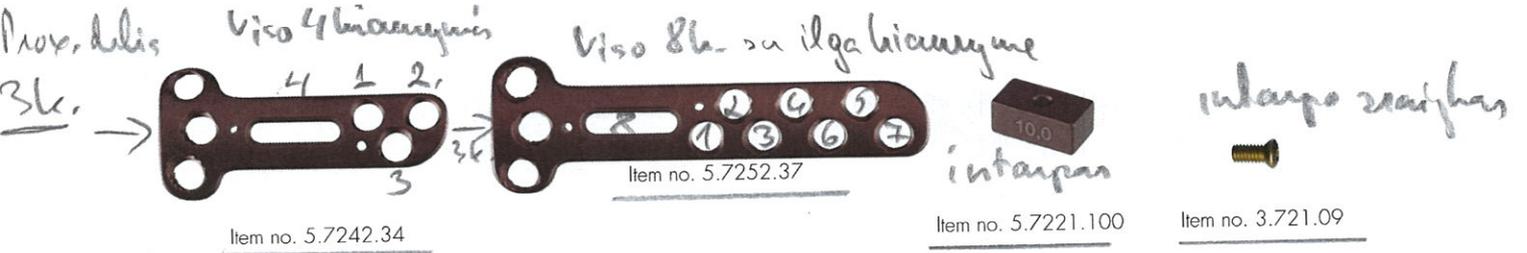
Surgical Instructions



1. Angle stable HighTibialOsteotomy Plate
for screws 6.0
Atrino karyo osteotomine "T" formos vikalivama
HTO (high tibial osteotomy) plahsteli

Angle stable Königsee HTO plate

for Ø 4.5/6.0 screws; large fragment; titanium; set no. 19.357.00



Item no.	Designation
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Item no.	Designation
1.1. 5.7242.34	Königsee HTO plate medial with conical thread Ø 4.5 mm/6.0 mm; titanium <i>4 kinnit., L 63 mm, Dešine</i>
1.2. 5.7242.37	3/7 hole; length 93 mm x 17 mm; right <i>7 kinnit., L 93 mm, Dešine</i>
1.1. 5.7252.34	3/4 hole; length 63 mm x 17 mm; left <i>4 kinnit., L 63 mm, Kairi</i>
1.2. 5.7252.37	3/7 hole; length 93 mm x 17 mm; left <i>7 kinnit., L 93 mm, Kairi</i>
1.1. 5.7221.50	<i>Intarpas</i> Spacer for Königsee HTO plate; titanium 8.0 mm x 5.0 mm
5.7221.75	8.0 mm x 7.5 mm
5.7221.100	8.0 mm x 10.0 mm
5.7221.125	8.0 mm x 12.5 mm
5.7221.150	8.0 mm x 15.0 mm
1.1. 3.721.09	<i>Seadistaja intarpaini</i> Fixing screw for spacer; titanium M 4 x 9.0 mm

Angle stable Königsee HTO plate set

for Ø 4.5/6.0 screws; large fragment; titanium; set no. 19.357.00



Item no. 5.7252.34



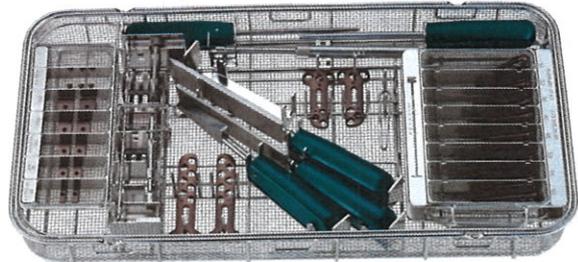
Item no. 5.7221.100



Item no. 5.7252.37



Item no. 3.721.09



Set no. 19.357.00 Internal hexagon

Item no.	Designation	Quantity
Implants - plates		
Königsee HTO plate medial with conical thread Ø 4.5/6.0 mm; titanium		
5.7242.34	3/4 hole; length 63 mm x 17 mm; right	1
5.7252.34	3/4 hole; length 63 mm x 17 mm; left	1
5.7242.37	3/7 hole; length 93 mm x 17 mm; right	1
5.7252.37	3/7 hole; length 93 mm x 17 mm; left	1

poz. 1.4.1 - 1.4.8. →

Item no.	Designation	Quantity
Spacer for Königsee HTO plate; titanium		
5.7221.50	8.0 mm x 5.0 mm	2
5.7221.75	8.0 mm x 7.5 mm	2
5.7221.100	8.0 mm x 10.0 mm	2
5.7221.125	8.0 mm x 12.5 mm	2
5.7221.150	8.0 mm x 15.0 mm	2

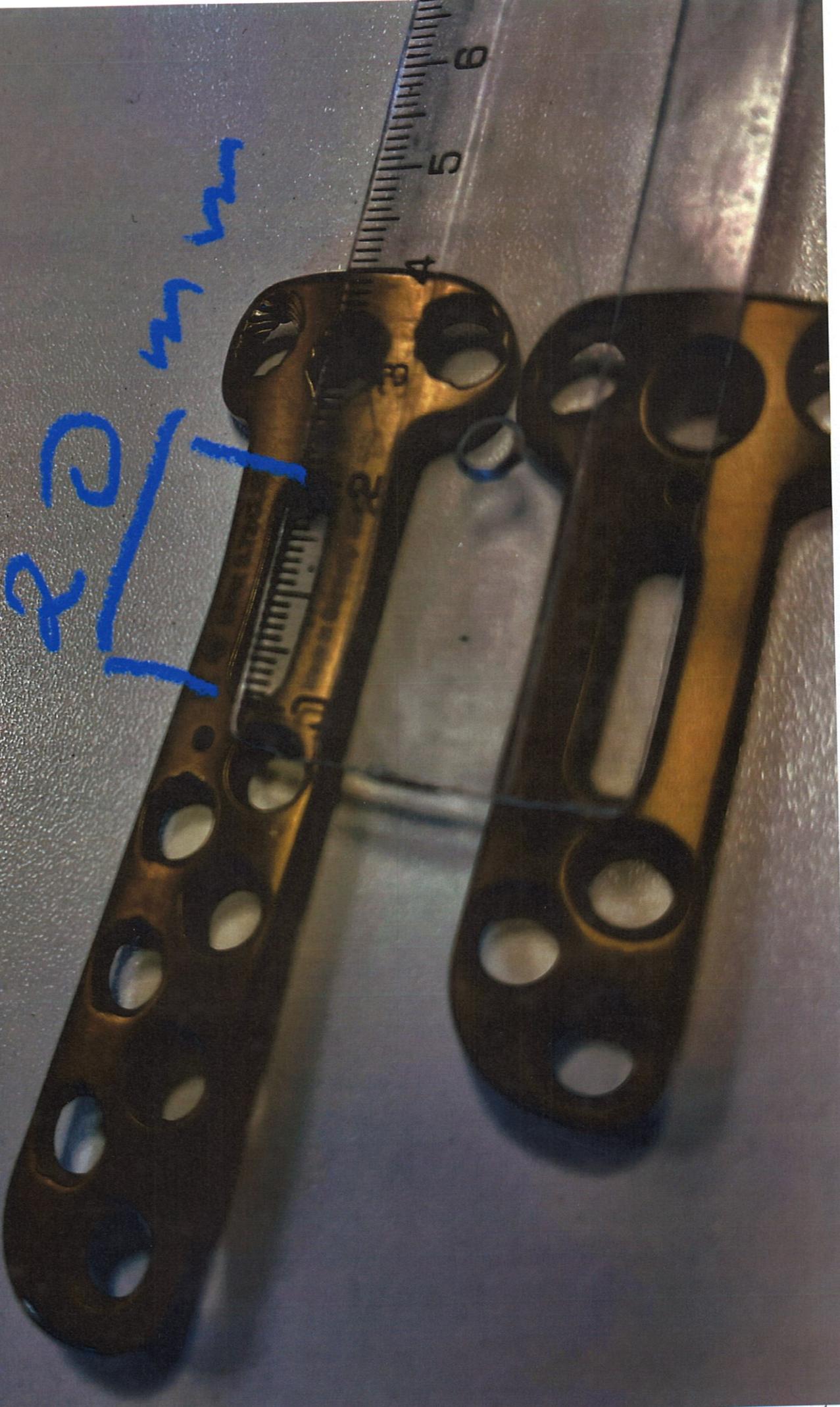
Item no.	Designation	Quantity
Fixing screw for spacer; titanium		
3.721.09	M 4 x 9.0 mm	3

poz. 1.3.1. ↑ ↓ 1.3.9

Item no.	Designation	Quantity
Implants - screws		
Cortical screw with conical head thread Ø 4.5 mm; fully threaded self-tapping; titanium <i>titanium</i> Internal hexagon <i>Ø 4,5 kat. uciak zarybai</i>		
3.545.30	Length 30 mm	5
3.545.32	Length 32 mm	5
3.545.36	Length 36 mm	5
3.545.40	Length 40 mm	5
3.545.45	Length 45 mm	5
3.545.50	Length 50 mm	3
3.545.55	Length 55 mm	3
3.545.60	Length 60 mm	3

Item no.	Designation	Quantity
Cancellous screw with conical head thread Ø 6.0 mm; fully threaded self-tapping; titanium <i>titanium</i> Internal hexagon <i>Ø 6,0 uciak uciak poz. zarybai</i>		
3.163.40	Length 40 mm	3
3.163.45	Length 45 mm	3
3.163.50	Length 50 mm	3
3.163.55	Length 55 mm	5
3.163.60	Length 60 mm	5
3.163.65	Length 65 mm	5
3.163.70	Length 70 mm	5
3.163.75	Length 75 mm	5
3.163.80	Length 80 mm	5

20/1
mm



In detail

Surgical objective



Fig. 1 Angle stable HTO plate system

The angle stable HTO (High Tibial Osteotomy) plate with 3 head holes for 6.0 cancellous screws is used for stabilisation after a high valgus tibial osteotomy.

Product properties

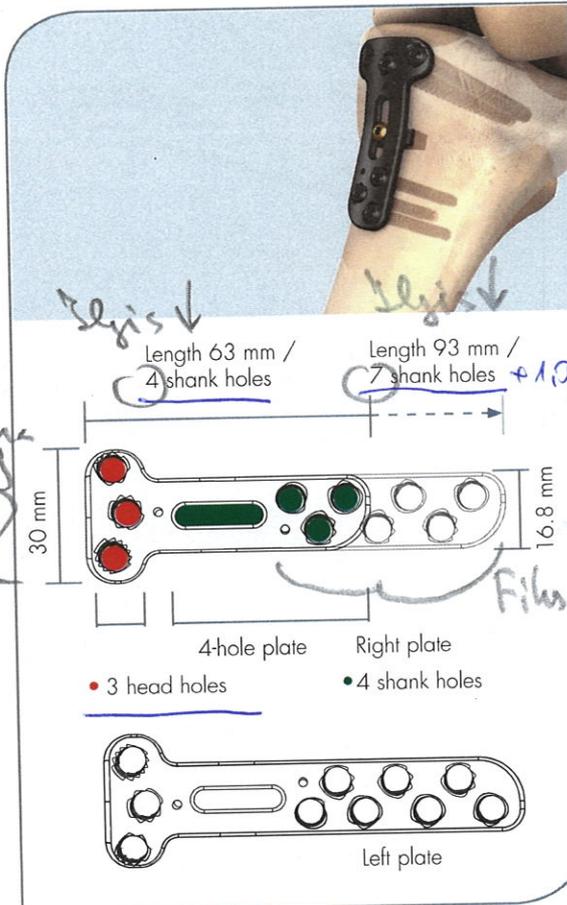


Fig. 2 The image on the skeleton shows item no. 5.7242.34

Angle stable HTO plate 6.0

- Titanium alloy with brown anodised surface
- 3 angle stable head holes for angle stable $\varnothing 6.0$ mm cancellous screws
- Angle stable shank holes for $\varnothing 4.5$ mm angle stable cortical screws
- Plate lengths 63 mm and 93 mm
- Different plate versions for left and right
- Elongated hole for intra-operative alignment of the plate through fitting of spacer
- Fixation holes for Kirschner wires

Fibrosiojame 6,0 mm sraipkais

Fibrosiojame $\varnothing 4,5$ mm kerb. r.

Set overview Titanium

Instruments		
2.954.01	Screw forceps, self holding	1
2.9406.35	Hexagon screwdriver with handle for screws Ø 4.5 mm - Ø 7.0 mm; AF 3.5 mm; length 215 mm	1
2.9406.25	Hexagon screwdriver with handle for screws Ø 2.7 mm - Ø 4.0 mm; AF 2.5 mm; conical	1
2.941.35	Hexagon screwdriver insert for quick coupling Ø 4.5 mm - Ø 7.0 mm; AF 3.5 mm	1
2.904.09	Drill bit for quick coupling; Ø 3.2 mm x 195 mm; spiral length 60 mm; double spiral	1
2.953.90	Gauge with clasp for screws Ø 4.5 mm and Ø 6.0 mm; measurement range 90 mm	1
2.977.02	Drill guide for angle stable screw joint; length 70 mm; large fragment	2
10.2406.00	Chisel for HTO; thickness 3	1
10.2406.01	Chisel for HTO; thickness 5	1
10.2406.02	Wedge impactor	1

Wire		
6.031.18	Kirschner wire with trocar point and round end; Ø 1.8 x 150 mm; steel	5

Container		
19.355.00	Container with insert for Königsee HTO plates instruments and implants; large fragment	1

References and index of images

Product photos
© Marcel Mende www.foto-maxx.de

Prof. Dr. Gunter Spahn

3D images
© Königsee Implantate GmbH

DOSTĘPNE ODMIANY PRODUKTÓW / AVAILABLE TYPES OF PRODUCTS

*Produkty
tipai*

*Ref todo
pradzia*

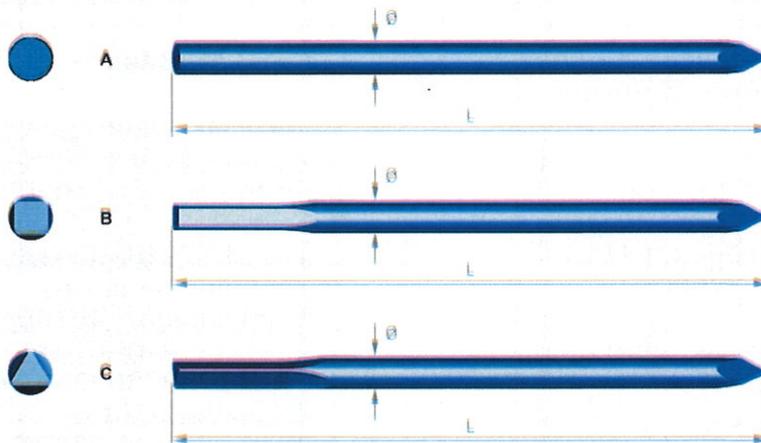
Pierwszy człon numeru katalogowego First part of REF No.	Odmiany produktów / Types of products
1	tytan / titanium
4	stal implantacyjna / stainless steel <i>med. stali</i>
5	stal implantacyjna + DLC / stainless steel + DLC
11	tytan + DLC / titanium + DLC
21	tytan lity pokryty Si-DLC / titanium + Si-DLC
24	stal Si-DLC / steel + Si-DLC

PRZYKŁAD / EXAMPLE

X-zz-zzz-zz

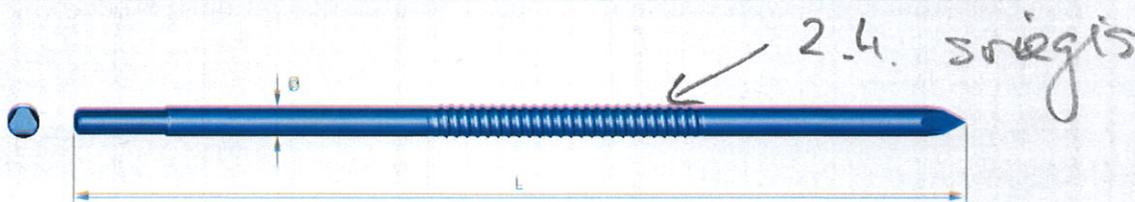
X = 1,4,5,11,21,24

z = numeracja / number



GROT STEINMANN'A
STEINMANN PIN

L (mm)	Ø=4,0mm			Ø=4,5mm			Ø=5,0mm		
	A	B	C	A	B	C	A	B	C
80	X-06-37-08	X-06-38-08	X-06-39-08	X-06-40-08	X-06-41-08	X-06-42-08	X-06-43-08	X-06-44-08	X-06-45-08
90	X-06-37-09	X-06-38-09	X-06-39-09	X-06-40-09	X-06-41-09	X-06-42-09	X-06-43-09	X-06-44-09	X-06-45-09
100	X-06-37-10	X-06-38-10	X-06-39-10	X-06-40-10	X-06-41-10	X-06-42-10	X-06-43-10	X-06-44-10	X-06-45-10
110	X-06-37-11	X-06-38-11	X-06-39-11	X-06-40-11	X-06-41-11	X-06-42-11	X-06-43-11	X-06-44-11	X-06-45-11
120	X-06-37-12	X-06-38-12	X-06-39-12	X-06-40-12	X-06-41-12	X-06-42-12	X-06-43-12	X-06-44-12	X-06-45-12
130	X-06-37-13	X-06-38-13	X-06-39-13	X-06-40-13	X-06-41-13	X-06-42-13	X-06-43-13	X-06-44-13	X-06-45-13
140	X-06-37-14	X-06-38-14	X-06-39-14	X-06-40-14	X-06-41-14	X-06-42-14	X-06-43-14	X-06-44-14	X-06-45-14
150	X-06-37-15	X-06-38-15	X-06-39-15	X-06-40-15	X-06-41-15	X-06-42-15	X-06-43-15	X-06-44-15	X-06-45-15
160	X-06-37-16	X-06-38-16	X-06-39-16	X-06-40-16	X-06-41-16	X-06-42-16	X-06-43-16	X-06-44-16	X-06-45-16
170	X-06-37-17	X-06-38-17	X-06-39-17	X-06-40-17	X-06-41-17	X-06-42-17	X-06-43-17	X-06-44-17	X-06-45-17
180	X-06-37-18	X-06-38-18	X-06-39-18	X-06-40-18	X-06-41-18	X-06-42-18	X-06-43-18	X-06-44-18	X-06-45-18
190	X-06-37-19	X-06-38-19	X-06-39-19	X-06-40-19	X-06-41-19	X-06-42-19	X-06-43-19	X-06-44-19	X-06-45-19
200	X-06-37-20	X-06-38-20	X-06-39-20	X-06-40-20	X-06-41-20	X-06-42-20	X-06-43-20	X-06-44-20	X-06-45-20
210	X-06-37-21	X-06-38-21	X-06-39-21	X-06-40-21	X-06-41-21	X-06-42-21	X-06-43-21	X-06-44-21	X-06-45-21
220	X-06-37-22	X-06-38-22	X-06-39-22	X-06-40-22	X-06-41-22	X-06-42-22	X-06-43-22	X-06-44-22	X-06-45-22
250	X-06-37-25	X-06-38-25	X-06-39-25	X-06-40-25	X-06-41-25	X-06-42-25	X-06-43-25	X-06-44-25	X-06-45-25
280	X-06-37-28	X-06-38-28	X-06-39-28	X-06-40-28	X-06-41-28	X-06-42-28	X-06-43-28	X-06-44-28	X-06-45-28
300	X-06-37-30	X-06-38-30	X-06-39-30	X-06-40-30	X-06-41-30	X-06-42-30	X-06-43-30	X-06-44-30	X-06-45-30



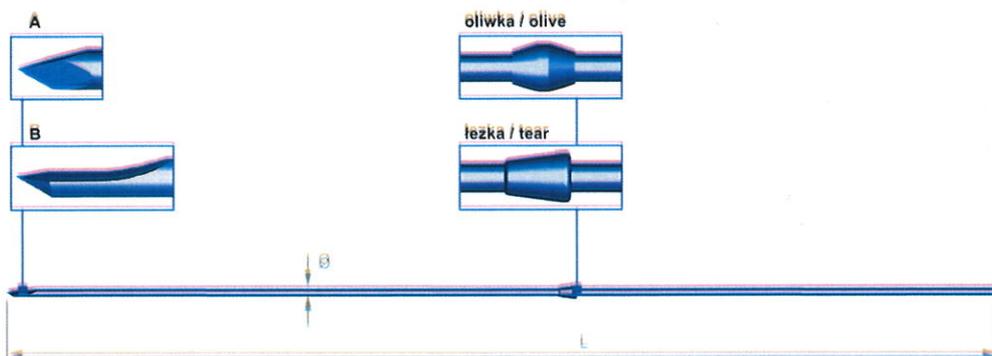
GROTOWKRĘT STEINMANN
STEINMANN SCREW

2 p.d.
 2-R.

2.3.

L (mm)	Ø=4,0mm	Ø=4,5mm	Ø=5,0mm	Ø=3,0mm
150	X-06-46-15	X-06-47-15	X-06-48-15	X-06-50-15
180	X-06-46-18	X-06-47-18	X-06-48-18	X-06-50-18
200	X-06-46-20	X-06-47-20	X-06-48-20	X-06-50-20
220	X-06-46-22	X-06-47-22	X-06-48-22	X-06-50-22
250	X-06-46-25	X-06-47-25	X-06-48-25	X-06-50-25
280	X-06-46-28	X-06-47-28	X-06-48-28	X-06-50-28
300	X-06-46-30	X-06-47-30	X-06-48-30	X-06-50-30

8



GWÓDŹ KOSTNY Z OGRANICZNIKIEM
BONE NAIL WITH LIMITER

L (mm)	Ø (mm)	OSTRZE BLADE	OLIWKA OLIVE	LEŻKA TEAR
330	1,5	A	X-06-88-01	X-06-69-01
330	1,8	A	X-06-88-02	X-06-69-02
330	2,0	A	X-06-88-03	X-06-69-03
330	2,5	A	X-06-88-04	X-06-69-04
380	1,5	A	X-06-88-05	X-06-69-05
380	1,8	A	X-06-88-06	X-06-69-06
380	2,0	A	X-06-88-07	X-06-69-07
380	2,5	A	X-06-88-08	X-06-69-08
330	1,5	B	X-06-88-11	X-06-69-11
330	1,8	B	X-06-88-12	X-06-69-12
330	2,0	B	X-06-88-13	X-06-69-13
330	2,5	B	X-06-88-14	X-06-69-14
380	1,5	B	X-06-88-15	X-06-69-15
380	1,8	B	X-06-88-16	X-06-69-16
380	2,0	B	X-06-88-17	X-06-69-17
380	2,8	B	X-06-88-18	X-06-69-18



3. **DRUT DO CERKLARZU L=5 m** **3.1.**
WIRE FOR CERCLAGE L=5 m

DRUT DO CERKLARZU PROSTY Z OCZKIEM
WIRE FOR CERCLAGE WITH EYE

Ø (mm)	miękki soft	twardy hard
0,2	X-06-90-02	X-06-91-02
0,3	X-06-90-03	X-06-91-03
0,4	X-06-90-04	X-06-91-04
0,5	X-06-90-05	X-06-91-05
0,6	X-06-90-06	X-06-91-06
0,7	X-06-90-07	X-06-91-07
0,8	X-06-90-08	X-06-91-08
0,9	X-06-90-09	X-06-91-09
1,0	X-06-90-10	X-06-91-10
1,2	X-06-90-12	X-06-91-12
1,5	X-06-90-15	X-06-91-15

L (mm)	Ø (mm)	Nr kat.
280	8,0	X-06-142-280
280	1,0	X-06-143-280
280	1,2	X-06-144-280
280	1,5	X-06-145-280
350	1,0	X-06-143-350
350	1,2	X-06-144-350
350	1,5	X-06-145-350
600	1,0	X-06-143-600
600	1,2	X-06-144-600
600	1,5	X-06-145-600