

PCLP

Point Contact Locking Plate

Technique Guide



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SCYON PCLP

Point Contact Locking Plate

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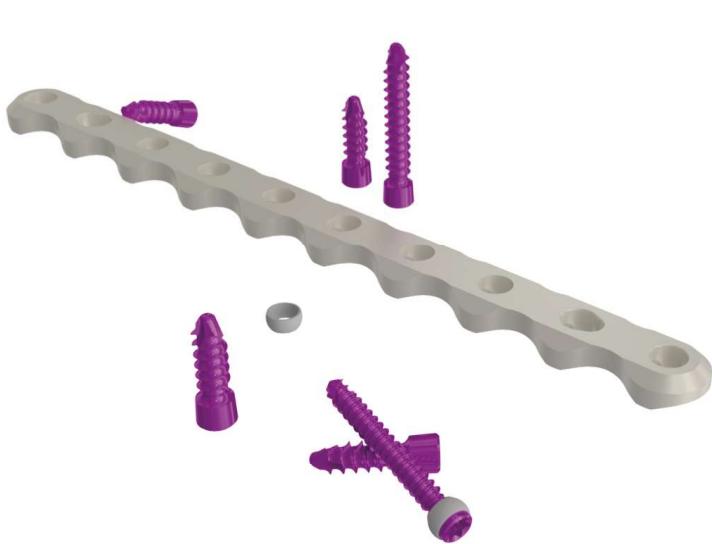


Introduction

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History

The Point Contact Locking Plate (PCLP) developed by SCYON Orthopaedics AG in Zurich is based on the principles of the Point Contact Fixator (PC-Fix). The PC-Fix, originally developed at the AO in Davos, had a successful clinical record with an unmatched infection resistant orthopaedic solution.



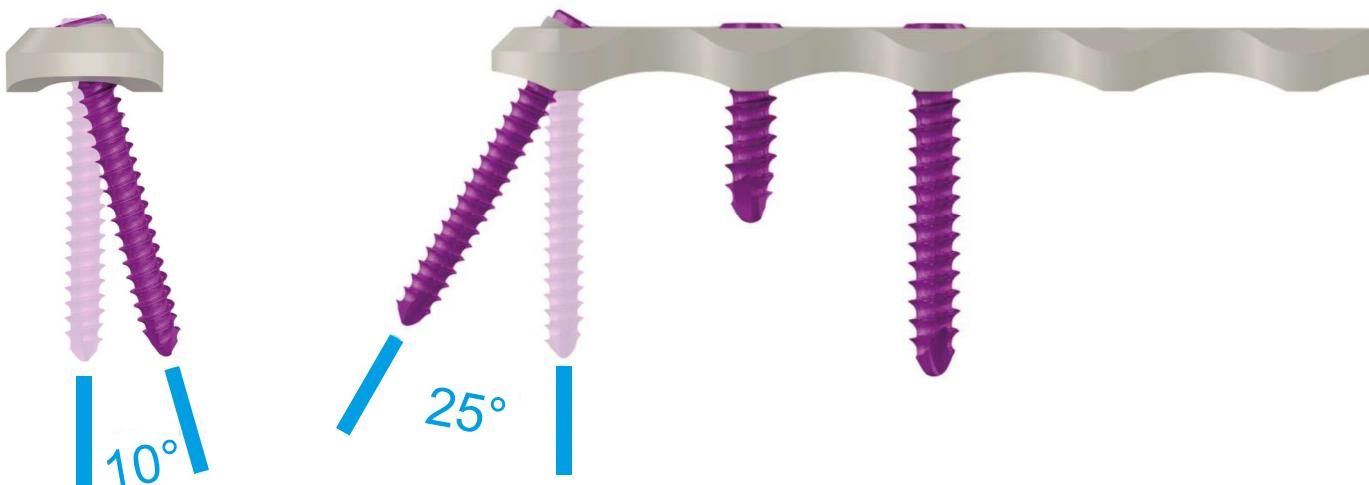
Preserving Biology

PCLP minimizes contact with the periosteum and thus reduces the iatrogenic insult to bone perfusion common with conventional compression plates. Preserving the periosteum and thus the blood supply around the fracture site significantly reduces the risk of infection and accelerates bone healing.



Swiss quality Engineering

Fretting and crevice erosion has been eliminated by the use of locking screws. The system makes use of grade 4 titanium and titanium alloy (Ti6Al7Nb, Ti6Al4V) for superior biocompatibility. The geometry of the PCLP is computationally optimised to maximise reduction of bone contact and reduce deformation of the holes - ensuring that the screws remain locked and transfer the load.



Indications & Contraindications

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Indications

Point Contact Locking Plate (PCLP) implants are intended for temporary internal fixation, correction or stabilization of long bones and small bones, including, but not limited to, the radius, ulna, tibia, pelvis, clavicle, fibula, humerus, and scapula.

Each size of PCLP covers the following indications:

- Osteotomies, mal-unions and non-unions
- Single, segmental and comminuted fractures
- Open fractures

Due to the system's minimal bone contact and preservation of periosteal blood supply, it may present a greater chance of clinical success for the patient, when they would be at risk for infection.

The different sizings of the system allows for fixation of small to large bone fragments using the five standard AO plating principles (buttress plate, neutralization plate, tension band plate, bridge plate, compression plate).

PCLP 4 / 5

Small and tiny fragments in the hand, and maxillofacial area.

PCLP 6.5

Small fragments in the hand, maxillofacial area.

PCLP 8

Ulna, pelvis, scapula, clavicle, distal fibula

PCLP 10

Radius, fibula, pelvis, scapula, clavicle

PCLP 12

Humerus, distal tibia

PCLP 16 / 20

Femur, tibia, humerus

Contraindications

The physician's education, training and professional judgment must be relied upon to choose the most appropriate device and treatment. Conditions presenting an increased risk of failure include:

- Bone stock compromised by disease or prior implantation that can not provide adequate support and/or fixation of the devices.
- Material sensitivity, documented or suspected
- Obesity. An overweight or obese patient can produce loads on the implant greater than accounted for.
- Patients having inadequate tissue coverage of the operative site
- Implant utilization that would interfere with anatomical structures or physiological performance
- Any mental or neuromuscular disorder which would create an unacceptable risk of fixation failure or complications in post-operative care
- Other medical or surgical conditions which would preclude the potential benefit of surgery

Notice

The PCLP is not compatible with any other plating systems.



MR safety

Non-clinical evaluation has concluded that SCYON PCLP is MR conditional. A patient with this device can be safely scanned in an MR system following standard clinical practice. Safety is ensured for following conditions:

- Static magnetic field of 1.5 T and 3.0 T
- Maximum spatial field gradient of 3'000 gauss/cm (30 T/m)
- Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 4 W/kg (2 W/kg normal operating mode)
- Scan time restriction:
 - for 1.5 T: maximum 6 minutes of continuous scanning
 - for 3.0 T: maximum of 15 minutes of continuous scanning

An image artifact may be caused by the device when imaged with MR.

Surgical Technique

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General Information

This publication sets forth detailed recommended procedures for using SCYON PCLP and its instruments.

It offers guidance that you should heed, but, as with any such technical guide, each surgeon must consider the particular needs of each patient and make appropriate adjustments when and as required. A workshop training is recommended before surgery.

All non-sterile devices and instruments must be cleaned and sterilized before use. Follow the instructions provided in the PCLP packaging insert. Multi-component instruments must be disassembled for cleaning.

Standard Plating Technique

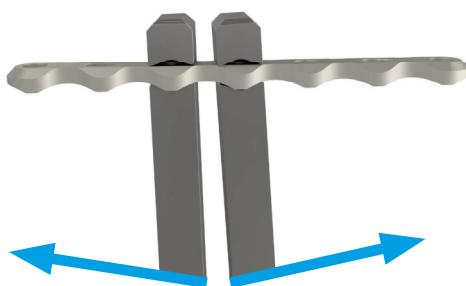
1 Reduction

As needed, provide fixation with Kirschner wire or reducing forceps. Alternatively, reduce the fracture indirectly using the plate by means of beaded screws (for lag screw technique, see Page 13)

2 Contour the plate

Out-of-plane Bending

The two out-of-plane (OOP) bending irons are used to contour the plate to ensure a close profile to the bone.



In-plane Bending

Use the in-plane (IP) bending tool to contour the plate until the desired geometry is achieved. For most applications, only a slight in-plane bend is indicated.

CAUTION

Avoid sharp bends, back-and-forth bending or bending the device at a screw hole. Do not bend the plate beyond what is required to match the anatomy



3 Position the plate

Position the plate on the bone, and preliminarily fix it. If axial dynamic compression is used, make sure that the plate is roughly centered above the fracture line.

For optimal strength, make sure that the fracture line is situated evenly between two holes. Avoid placing screws too close to the fracture

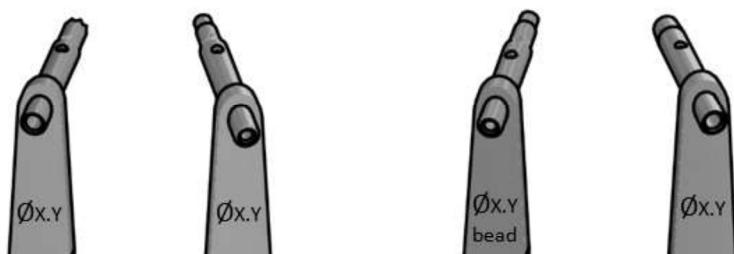


Drill bit & drill sleeve selection

Select the drill sleeve (201-01XX or 201-02XX) for the required technique and corresponding plate size. The choice of drill sleeve determines the appropriate drill bit.

201-01XX 201-02XX

Plate	Locking Screw	Lag ØX.Y	Compression ØX.Y	Bead ØX.Y	Locking ØX.Y
PCLP 20	5.0	4.5	3.2	3.2	3.5
PCLP 16	5.0	4.5	3.2	3.2	3.5
PCLP 12	4.5	3.5	2.5	2.5	3.2
PCLP 10	3.5	2.7	2.0	2.0	2.5
PCLP 8	2.7	2.5	1.8	1.8	2.0
PCLP 6.5	2.4	2.0	1.5	1.5	1.8
PCLP 5	2.0	1.5	1.1	1.1	1.5
PCLP 4	1.5	1.1	0.7	0.7	1.1



4 a Locking screws

For cortical locking screws, choose the indicated drill bit and locking drill sleeve.

Refer to table on p.8 (e.g. for PCLP 10 use the Locking Drill Sleeve with a Ø2.5mm Drill Bit)

Drill the hole according to standard surgical procedure.

Monocortical screws are indicated for thick cortical bone, however, if the bone quality is not sufficient or within the metaphyseal region then bicortical locking screws are recommended.

Use the provided depth gauge to determine screw length.

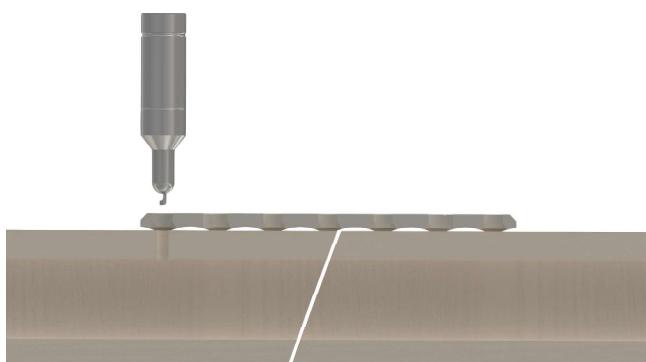
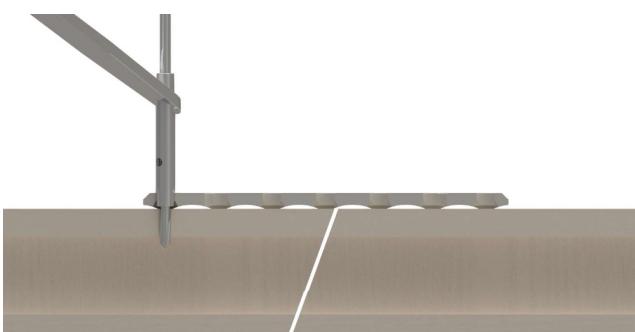
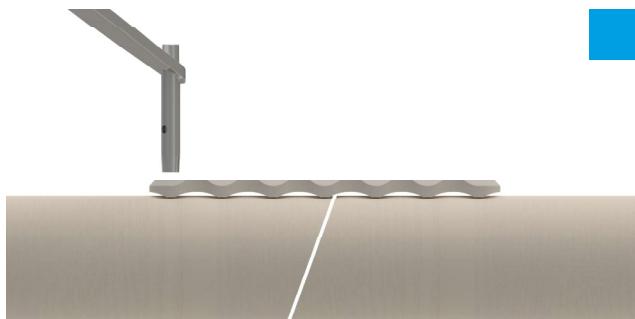
CAUTION

Always irrigate when drilling to ensure proper cooling and debris management.

Insert the locking screw using the corresponding screw driver until firmly seated.

CAUTION

Make sure the holes are clean in order to ensure proper locking



4 b Compression

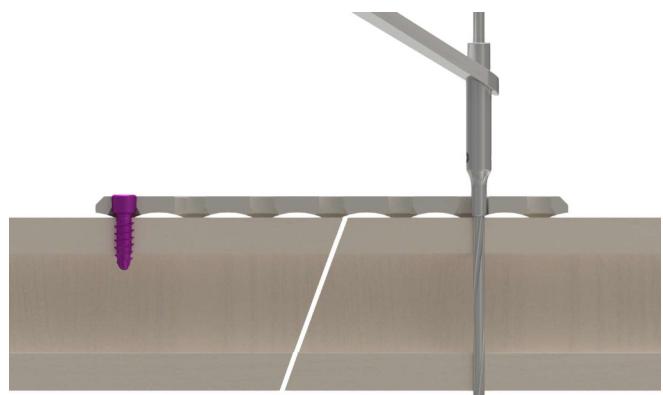
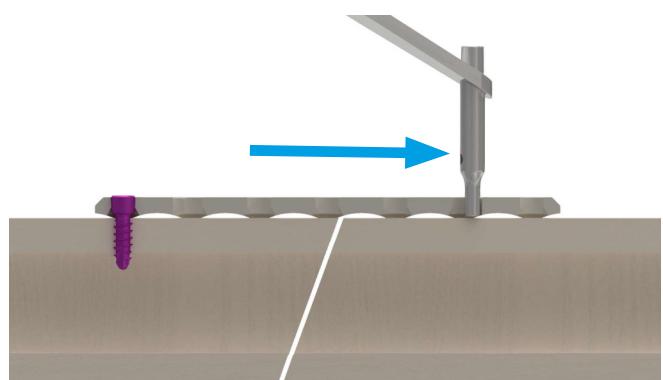
Locate the dynamic compression holes on the Point Contact Locking Plate which are located at the second-to-last holes.



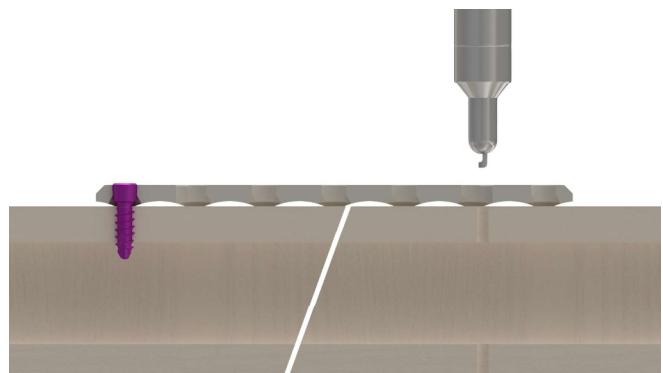
To achieve dynamic fracture compression use the corresponding Compression Drill Sleeve and Drill Bit.

Refer to table on p.8 (e.g. for PCLP 10 use the Compression Drill Sleeve with a Ø2.0mm Drill Bit)

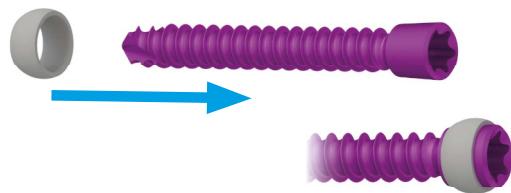
Make sure that the drill sleeve is seated firmly into the smaller compression hole before drilling according to standard surgical procedure. For compression, a bicortical hole is indicated.



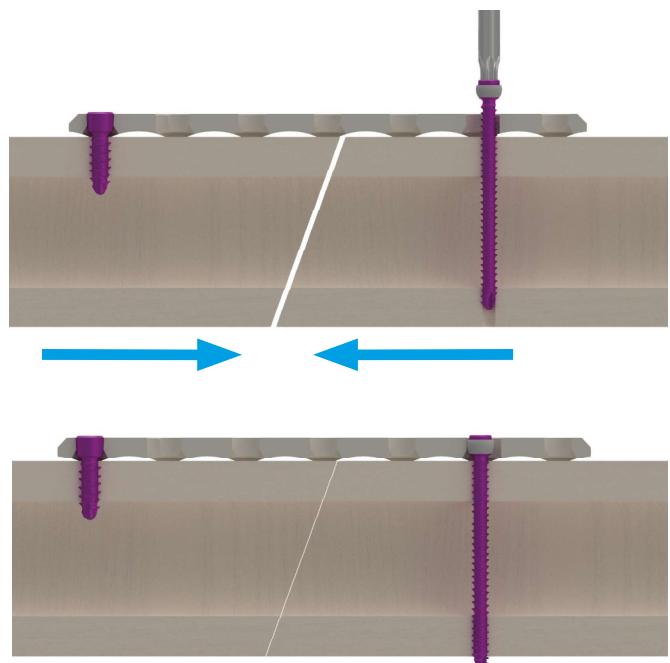
Using the depth gauge, determine the appropriate screw length.



Slide the bead onto the head of the locking screw and ensure a snug fit.

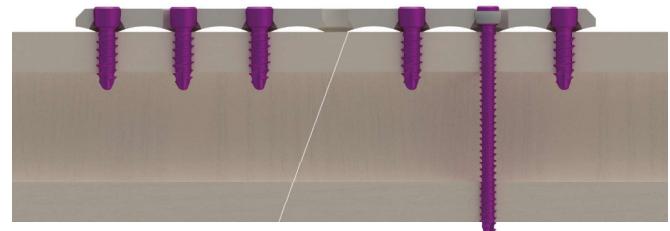


Make sure to tighten the beaded screw down using the corresponding screw driver until dynamic compression is achieved.



After achieving compression of the fracture, secure the fragment using monocortical locking screws.

Once all screws are secured in place, tighten them individually ensuring a tight fit.

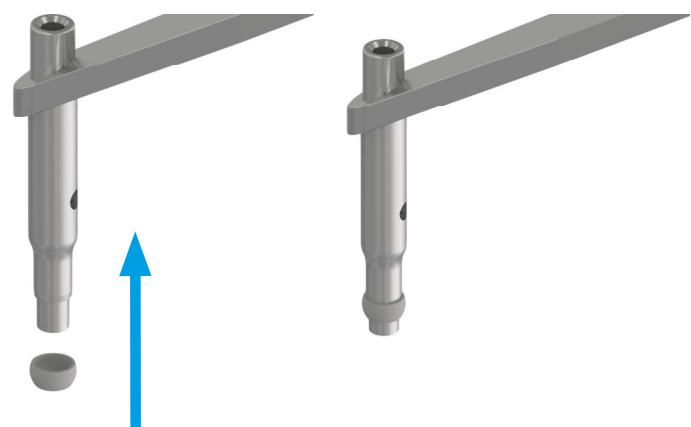


4 c Lag screw and neutralisation plating

To properly reduce a fracture or achieve interfragmentary compression use the VA Drill Sleeve and corresponding Drill Bit.

Refer to table on p.8 (e.g. for PCLP 10 use the Bead Drill Sleeve with a Ø2.0mm Drill Bit)

Push a Locking Bead onto the VA drill sleeve until firmly seated.





Then, insert and angle the drill sleeve until perpendicular to the fracture line and drill a bicortical hole according to standard surgical procedure.



CAUTION

Make sure the holes are clean in order to ensure proper locking



Remove the drill sleeve leaving the bead properly oriented inside the plate hole.



Use the depth gauge to determine screw length.



Insert a locking screw through the bead and tighten down using the corresponding screw driver until firmly seated.

Depending on the fracture pattern and approach, the lag screw can be placed independently of the plate using the lag drill sleeve with the corresponding drill bit which are used to make the gliding hole.



Once the glide hole has successfully been drilled, place the compression drill sleeve inside the gliding hole and drill through the far cortex using the smaller, corresponding drill bit.



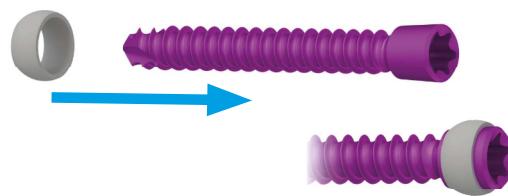
Make sure that the drill sleeve is seated firmly into the bone and perpendicular to the fracture line. Drill according to standard surgical procedure.

If possible, countersink the gliding hole.



Use the depth gauge to determine screw length.

Then, select a locking screw and slide a bead onto the head.



Tighten the beaded screw down into the bone using the screw driver until interfragmentary compression is achieved.



1 Remove plate

Unlock all screws from the plate, then remove the screws completely from the bone. This prevents simultaneous rotation of the plate when unlocking the last locking screw.

CAUTION

When removing the system, pay attention to sharp objects, e.g. self-tapping screw tips.

Product Information

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Point Contact Locking Plates, pure titanium

PCLP 4 Locking Plate	Holes	Length (mm)
201-0406	6	29
201-0407	7	34
201-0408	8	39
201-0409	9	44
201-0410	10	49
201-0411	11	54
201-0412	12	59
201-0413	13	64
201-0414	14	69



PCLP 5 Locking Plate	Holes	Length (mm)
201-0506	6	32.5
201-0507	7	38
201-0508	8	43.5
201-0509	9	49
201-0510	10	54.5
201-0511	11	60
201-0512	12	65.5
201-0513	13	71
201-0514	14	76.5

PCLP 6.5 Locking Plate	Holes	Length (mm)
201-0606	6	41.5
201-0607	7	48.5
201-0608	8	55.5
201-0609	9	62.5
201-0610	10	69.5
201-0611	11	76.5
201-0612	12	83.5
201-0613	13	90.5
201-0614	14	97

PCLP 8 Locking Plate	Holes	Length (mm)
201-0806	6	53
201-0807	7	62
201-0808	8	71
201-0809	9	80
201-0810	10	89
201-0811	11	98
201-0812	12	107
201-0813	13	116
201-0814	14	125

PCLP 10 Locking Plate	Holes	Length (mm)
201-1006	6	70
201-1007	7	82
201-1008	8	94
201-1009	9	106
201-1010	10	118
201-1011	11	130
201-1012	12	142
201-1013	13	154
201-1014	14	166

PCLP 12 Locking Plate	Holes	Length (mm)
201-1206	6	82
201-1207	7	96
201-1208	8	110
201-1209	9	124
201-1210	10	138
201-1211	11	152
201-1212	12	166
201-1213	13	180
201-1214	14	194

PCLP 16 Locking Plate	Holes	Length (mm)
201-1606	6	111
201-1607	7	130
201-1608	8	149
201-1609	9	168
201-1610	10	187
201-1611	11	206
201-1612	12	225
201-1613	13	244
201-1614	14	263

PCLP 20 Locking Plate	Holes	Length (mm)
201-2006	6	140
201-2007	7	164
201-2008	8	188
201-2009	9	212
201-2010	10	236
201-2011	11	260
201-2012	12	284
201-2013	13	308
201-2014	14	332

Locking Cortical Screws, Titanium Alloy (Ti6Al7Nb)

Hexalobular drive

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Ø1.0mm	Length (mm)
202-1004	4
202-1006	6
202-1008	8
202-1010	10
202-1012	12
202-1014	14
202-1016	16
202-1018	18
202-1020	20
202-1022	22
202-1024	24
202-1026	26
202-1028	28
202-1030	30
202-1032	32
202-1034	34
202-1036	36
202-1038	38
202-1040	40

Ø1.5mm	Length (mm)
202-1504	4
202-1506	6
202-1508	8
202-1510	10
202-1512	12
202-1514	14
202-1516	16
202-1518	18
202-1520	20
202-1522	22
202-1524	24
202-1526	26
202-1528	28
202-1530	30
202-1532	32
202-1534	34
202-1536	36
202-1538	38
202-1540	40

Ø2.0mm	Length (mm)
202-2006	6
202-2008	8
202-2010	10
202-2012	12
202-2014	14
202-2016	16
202-2018	18
202-2020	20
202-2022	22
202-2024	24
202-2026	26
202-2028	28
202-2030	30
202-2032	32
202-2034	34
202-2036	36
202-2038	38
202-2040	40
202-2042	42

Ø2.4mm	Length (mm)
202-2406	6
202-2408	8
202-2410	10
202-2412	12
202-2414	14
202-2416	16
202-2418	18
202-2420	20
202-2422	22
202-2424	24
202-2426	26
202-2428	28
202-2430	30
202-2432	32
202-2434	34
202-2436	36
202-2438	38
202-2440	40
202-2442	42



$\varnothing 2.7\text{mm}$	Length (mm)
202-2708	8
202-2710	10
202-2712	12
202-2714	14
202-2716	16
202-2718	18
202-2720	20
202-2722	22
202-2724	24
202-2726	26
202-2728	28
202-2730	30
202-2732	32
202-2734	34
202-2736	36
202-2738	38
202-2740	40
202-2742	42
202-2744	44

$\varnothing 3.5\text{mm}$	Length (mm)
202-3508	8
202-3510	10
202-3512	12
202-3514	14
202-3516	16
202-3518	18
202-3520	20
202-3522	22
202-3524	24
202-3526	26
202-3528	28
202-3530	30
202-3532	32
202-3534	34
202-3536	36
202-3538	38
202-3540	40
202-3542	42
202-3544	44

$\varnothing 4.5\text{mm}$	Length (mm)
202-4508	8
202-4510	10
202-4512	12
202-4514	14
202-4516	16
202-4518	18
202-4520	20
202-4522	22
202-4524	24
202-4526	26
202-4528	28
202-4530	30
202-4532	32
202-4534	34
202-4536	36
202-4538	38
202-4540	40
202-4542	42
202-4544	44

$\varnothing 5.0\text{mm}$	Length (mm)
202-5008	8
202-5010	10
202-5012	12
202-5014	14
202-5016	16
202-5018	18
202-5020	20
202-5022	22
202-5024	24
202-5026	26
202-5028	28
202-5030	30
202-5032	32
202-5034	34
202-5036	36
202-5038	38
202-5040	40
202-5042	42
202-5044	44

Locking Bead

REF. #	PCLP Size	Screw Ø
204-1610	4	1.0mm
204-2115	5	1.5mm
204-2620	6.5	2.0mm
204-3224	8	2.4mm
204-4027	10	2.7mm
204-5035	12	3.5mm
204-6545	16	4.5mm
	20	



Instruments

Drill Bits, AO Quick Coupling

REF. #	Dimensions	Description
200-0507	Ø0.7mm	AO Quick Coupling Mini, Ø1.0mm locking screw
200-0511	Ø1.1mm	AO Quick Coupling Mini, Ø1.5mm locking screw
200-0515	Ø1.5mm	AO Quick Coupling, Ø2.0mm locking screw
200-0518	Ø1.8mm	AO Quick Coupling, Ø2.4mm locking screw
200-0520	Ø2.0mm	AO Quick Coupling, Ø2.7mm locking screw,
200-0525	Ø2.5mm	AO Quick Coupling, Ø3.5mm locking screw
200-0527	Ø2.7mm	AO Quick Coupling, Ø2.7mm lagging screw
200-0532	Ø3.2mm	AO Quick Coupling, Ø4.5mm locking screw
200-0535	Ø3.5mm	AO Quick Coupling, Ø3.5mm locking screw
200-0545	Ø4.5mm	AO Quick Coupling, Ø4.5mm locking screw



Depth Gauge

REF. #	Dimensions	Description
200-0840	40mm	Select screw lengths for PCLP 4 & 5
200-0860	60mm	Select screw lengths for PCLP 6.5/..20



Drill Sleeves - Locking / VA

REF. #	Dimensions	Description
200-0204	Ø0.7mm for VA Ø1.1mm for locking	Use with PCLP 4
200-0205	Ø1.1mm for VA Ø1.5mm for locking	Use with PCLP 5
200-0206	Ø1.5mm for VA Ø1.8mm for locking	Use with PCLP 6.5
200-0208	Ø1.8mm for VA Ø2.0mm for locking	Use with PCLP 8
200-0210	Ø2.0mm for VA Ø2.5mm for locking	Use with PCLP 10
200-0212	Ø2.5mm for VA Ø3.2mm for locking	Use with PCLP 12
200-0216	Ø3.2mm for VA Ø3.5mm for locking	Use with PCLP 16/20



Drill Sleeves - Compression / Lag

REF. #	Dimensions	Description
200-0104	Ø0.7mm for compression Ø1.1mm for lag	Use with PCLP 4
200-0105	Ø1.1mm for compression Ø1.5mm for lag	Use with PCLP 5
200-0106	Ø1.5mm for compression Ø2.0mm for lag	Use with PCLP 6.5
200-0108	Ø1.8mm for compression Ø2.5mm for lag	Use with PCLP 8
200-0110	Ø2.0mm for compression Ø2.7mm for lag	Use with PCLP 10
200-0112	Ø2.5mm for compression Ø3.5mm for lag	Use with PCLP 12
200-0116	Ø3.2mm for compression Ø4.5mm for lag	Use with PCLP 16/20



Screwdrivers

REF. #	Size	Description
200-0900	PCLP 4-20	screw driver handle with AO Quick Coupling
200-0901	square S1	use for Ø1.0mm screw, AO Quick Coupling
200-0904	hexalobe T4	use for Ø1.5mm screw, AO Quick Coupling
200-0906	hexalobe T6	use for Ø2.0/Ø2.4 mm screw, AO Quick Coupling
200-0910	hexalobe T10	use for Ø2.7mm screw, AO Quick Coupling
200-0915	hexalobe T15	use for Ø3.5mm screw, AO Quick Coupling
200-0925	hexalobe T25	use for Ø4.5/Ø5.0mm screw, AO Quick Coupling



Countersink

REF. #	Dimensions	Description
200-0600	104mm	Countersink for Ø1.0mm-Ø4.5mm holes



Out-of-plane bending irons

REF. #	Description
200-1004	Use to contour PCLP out of the horizontal plane
200-1005	
200-1006	
200-1008	
200-1010	
200-1012	



In-plane bending

REF. #	Description	23
200-1101	in-plane bending block	
200-1102	in-plane bending rigid handle	
200-1103	in-plane bending moving handle	
200-1104	Anvil for PCLP 4	
200-1105	anvil for PCLP 5	
200-1106	anvil for PCLP 6.5	
200-1108	anvil for PCLP 8	
200-1110	anvil for PCLP 10	
200-1112	anvil for PCLP 12	



Implantable Devices

REF. #	Description
201-04xx	PCLP 4
202-10xx	Ø1.0mm locking screws
202-15xx	Ø1.5mm locking screws
204-1610	Bead for Ø1.0mm locking screws

REF. #	Description
201-05xx	PCLP 5
202-15xx	Ø1.5mm locking screws
202-20xx	Ø2.0mm locking screws
204-2115	Bead for Ø1.5mm locking screws

Instrumentation

REF. #	Description
200-0001	Instrumentation container
200-0002	Implant lift-out tray
200-0003	Instrumentation container top
200-0010	Bead holder
200-0104	Drill guide, compression/lag
200-0204	Drill guide, locking/bead
200-0507	Drill bit, Ø0.7mm
200-0511	Drill bit, Ø1.1mm
200-0515	Drill bit, Ø1.5mm
200-0600	Countersink
200-0900	Screwdriver handle
200-0901	Sqaure S1 screw driver
200-0904	Hexalobular T4 screw driver
200-8030	Depth Gauge, 30mm
200-1004	Out-of-plane bending irons
200-1101	In-plane bending block
200-1102	In-plane bending rigid handle
200-1103	In-plane bending moving handle
200-1104	Anvil for PCLP 4

REF. #	Description
200-0001	Instrumentation container
200-0002	Implant lift-out tray
200-0003	Instrumentation container top
200-0010	Bead holder
200-0105	Drill guide, compression/lag
200-0205	Drill guide, locking/bead
200-0511	Drill bit, Ø1.1mm
200-0525	Drill bit, Ø1.5mm
200-0600	Countersink
200-0900	Screwdriver handle
200-0908	Hexalobular T4 screw driver
200-0915	Hexalobular T6 screw driver
200-8030	Depth Gauge, 30mm
200-1005	Out-of-plane bending irons
200-1101	In-plane bending block
200-1102	In-plane bending rigid handle
200-1103	In-plane bending moving handle
200-1105	Anvil for PCLP 5

Implantable Devices

REF. #	Description
201-06xx	PCLP 6.5
202-20xx	Ø2.0mm locking screws
202-24xx	Ø2.4mm locking screws
204-2620	Bead for Ø2.0mm locking screws

REF. #	Description
201-08xx	PCLP 8
202-24xx	Ø2.4mm locking screws
202-27xx	Ø2.7mm locking screws
204-3224	Bead for Ø2.4mm locking screws

Instrumentation

REF. #	Description
200-0004	Instrumentation container
200-0005	Implant lift-out tray
200-0006	Instrumentation container top
200-0010	Bead holder
200-0106	Drill guide, compression/lag
200-0206	Drill guide, locking/bead
200-0515	Drill bit, Ø1.5mm
200-0518	Drill bit, Ø1.8mm
200-0520	Drill bit, Ø2.0mm
200-0600	Countersink
200-0900	Screwdriver handle
200-0906	Hexalobular T6 screw driver
200-8060	Depth Gauge, 60mm
200-1006	Out-of-plane bending irons
200-1101	In-plane bending block
200-1102	In-plane bending rigid handle
200-1103	In-plane bending moving handle
200-1106	Anvil for PCLP 6.5

REF. #	Description
200-0004	Instrumentation container
200-0005	Implant lift-out tray
200-0006	Instrumentation container top
200-0010	Bead holder
200-0108	Drill guide, compression/lag
200-0208	Drill guide, locking/bead
200-0518	Drill bit, Ø1.8mm
200-0520	Drill bit, Ø2.0mm
200-0527	Drill bit, Ø2.7mm
200-0600	Countersink
200-0900	Screwdriver handle
200-0906	Hexalobular T6 screw driver
200-0908	Hexalobular T8 screw driver
200-8060	Depth Gauge, 60mm
200-1008	Out-of-plane bending irons
200-1101	In-plane bending block
200-1102	In-plane bending rigid handle
200-1103	In-plane bending moving handle
200-1108	Anvil for PCLP 8

Implantable Devices

REF. #	Description
201-10xx	PCLP 10
202-27xx	Ø2.7mm locking screws
202-35xx	Ø3.5mm locking screws
204-4027	Bead for Ø2.7mm locking screws

Instrumentation

REF. #	Description
200-0004	Instrumentation container
200-0005	Implant lift-out tray
200-0006	Instrumentation container top
200-0010	Bead holder
200-0110	Drill guide, compression/lag
200-0210	Drill guide, locking/bead
200-0520	Drill bit, Ø2.0mm
200-0525	Drill bit, Ø2.5mm
200-0527	Drill bit, Ø2.7mm
200-0600	Countersink
200-0900	Screwdriver handle
200-0910	Hexalobular T10 screw driver
200-0915	Hexalobular T15 screw driver
200-8060	Depth Gauge, 60mm
200-1010	Out-of-plane bending irons
200-1101	In-plane bending block
200-1102	In-plane bending rigid handle
200-1103	In-plane bending moving handle
200-1110	Anvil for PCLP 10

Implantable Devices

REF. #	Description
201-12xx	PCLP 12
202-35xx	Ø3.5mm locking screws
202-45xx	Ø4.5mm locking screws
204-5035	Bead for Ø3.5mm locking screws

Instrumentation

REF. #	Description
200-0007	Instrumentation container
200-0008	Implant lift-out tray
200-0009	Instrumentation container top
200-0010	Bead holder
200-0112	Drill guide, compression/lag
200-0212	Drill guide, locking/bead
200-0520	Drill bit, Ø2.5mm
200-0525	Drill bit, Ø3.2mm
200-0527	Drill bit, Ø3.5mm
200-0600	Countersink
200-0900	Screwdriver handle
200-0915	Hexalobular T10 screw driver
200-0925	Hexalobular T15 screw driver
200-8060	Depth Gauge, 60mm
200-1012	Out-of-plane bending irons
200-1101	In-plane bending block
200-1102	In-plane bending rigid handle
200-1103	In-plane bending moving handle
200-1110	Anvil for PCLP 12

Implantable Devices

REF. #	Description
201-16xx	PCLP 16
202-45xx	Ø4.5mm locking screws
202-50xx	Ø5.0mm locking screws
204-6545	Bead for Ø4.5mm locking screws

REF. #	Description
201-20xx	PCLP 20
202-45xx	Ø4.5mm locking screws
202-50xx	Ø5.0mm locking screws
204-6545	Bead for Ø4.5mm locking screws

Instrumentation

REF. #	Description
200-0007	Instrumentation container
200-0008	Implant lift-out tray
200-0009	Instrumentation container top
200-0010	Bead holder
200-0116	Drill guide, compression/lag
200-0216	Drill guide, locking/bead
200-0532	Drill bit, Ø3.2mm
200-0535	Drill bit, Ø3.5mm
200-0545	Drill bit, Ø4.5mm
200-0600	Countersink
200-0900	Screwdriver handle
200-0910	Hexalobular T25 screw driver
200-8060	Depth Gauge, 60mm

REF. #	Description
200-0007	Instrumentation container
200-0008	Implant lift-out tray
200-0009	Instrumentation container top
200-0010	Bead holder
200-0116	Drill guide, compression/lag
200-0216	Drill guide, locking/bead
200-0532	Drill bit, Ø3.2mm
200-0535	Drill bit, Ø3.5mm
200-0545	Drill bit, Ø4.5mm
200-0600	Countersink
200-0900	Screwdriver handle
200-0910	Hexalobular T25 screw driver
200-8060	Depth Gauge, 60mm



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