



Perfect Lock LOCKING PLATE SYSTEM DHS SYSTEM LARGE FRAGMENT





**ORTHO
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IMPLANTATE TECHNOLOGIE

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Titanium locking DHS plate standard 5,0 mm
Low Contact with combi hole

Used with Titanium Lag Screw and Ø 5.0mm Locking Screws
in Combination with Ø 4.5mm Titanium Standard Cortical Screws
Applicable for Lateral Femoral Neck and Pterochanteric Fractures

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	6,0 mm
Plate width – Plattenbreite	19,0 mm
Distance hole – Lochabstand	16,0 mm
Barrel length – Zylinderlänge	38,0mm

Item no. Art.Nr.	Angle Winkel	Holes Löcher
4200-3502	135°	2
4200-3503	135°	3
4200-3504	135°	4
4200-3505	135°	5
4200-3506	135°	6
4200-3507	135°	7
4200-3508	135°	8
4200-3510	135°	10
4200-3512	135°	12
4200-3514	135°	14
4200-3516	135°	16



Titanium locking DCS supracondylar plate 5,0 mm
Low contact with combi hole

Used with Titanium lag screw and Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
applicable for supracondylar fractures

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	6,0 mm
Plate width – Plattenbreite	17,0 mm
Distance hole – Lochabstand	16,0 mm
Barrel length – Zylinderlänge	25,0mm

Item no. Art.Nr.	Angle Winkel	Holes Löcher
4200-9506	95°	6
4200-9507	95°	7
4200-9508	95°	8
4200-9510	95°	10
4200-9512	95°	12
4200-9514	95°	14
4200-9516	95°	16
4200-9518	95°	18
4200-9520	95°	20
4200-9522	95°	22



Titanium locking DHS lag screw

Used with Titanium DHS and DCS plates

Material – Material	Titanium - Titan
Thread diameter - Gewindedurchmesser	12,7 mm
Thread length – Gewindelänge	22,4 mm

Item no. Art.Nr.	Length Länge
4200-0050	50mm
4200-0055	55mm
4200-0060	60mm
4200-0065	65mm
4200-0070	70mm
4200-0075	75mm
4200-0080	80mm
4200-0085	85mm
4200-0090	90mm
4200-0095	95mm
4200-0100	100mm
4200-0105	105mm
4200-0110	110mm
4200-0115	115mm
4200-0120	120mm
4200-0125	125mm
4200-0130	130mm
4200-0135	135mm
4200-0140	140mm
4200-0145	145mm



Titanium locking DHS compression screw

Used with Titanium DHS and DCS Plates

Material – Material	Titanium - Titan
Thread diameter - Gewindedurchmesser	M4
Thread length – Gewindelänge	36,0 mm

Item no. Art.Nr.	Length Länge
4200-0036	36mm





**Titanium narrow locking plate straight 5,0 mm
Low contact with combi hole**

Used with Titanium Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
applicable for fixation of long bones, such as humeral, tibia and femoral,
for peri-prosthetic fractures

Advantage high fixation stability, locking hole left / right = 4° angled

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	4,2 mm
Plate width – Plattenbreite	13,5 mm
Distance hole – Lochabstand	18,0 mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4230-1005	5	98 mm
4230-1006	6	116 mm
4230-1007	7	134 mm
4230-1008	8	152 mm
4230-1009	9	170 mm
4230-1010	10	188 mm
4230-1011	11	206 mm
4230-1012	12	224 mm
4230-1013	13	242 mm
4230-1014	14	260 mm
4230-1015	15	278 mm
4230-1016	15	296 mm
4230-1018	18	332 mm
4230-1020	20	368 mm
4230-1022	22	404 mm
4230-1024	24	440 mm



Titanium broad locking plate straight 5,0 mm
Low contact with combi hole

Used with Titanium Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
applicable for fixation of long bones, such as humeral, tibia and femoral, for peri-prosthetic fractures

Advantage high fixation stability, locking hole left / right = 4° angled

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	5,2 mm
Plate width – Plattenbreite	17,5 mm
Distance hole – Lochabstand	18,0 mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4231-1006	6	116 mm
4231-1007	7	134 mm
4231-1008	8	152 mm
4231-1009	9	170 mm
4231-1010	10	188 mm
4231-1011	11	206 mm
4231-1012	12	224 mm
4231-1013	13	242 mm
4231-1014	14	260 mm
4231-1015	15	278 mm
4231-1016	16	296 mm
4231-1018	18	332 mm
4231-1020	20	368 mm
4231-1022	22	404 mm
4231-1024	24	440 mm



**Titanium broad locking plate pre-bent 5,0 mm
Low contact with combi hole**

Used with Titanium Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
applicable for fixation of long bones, such as humeral, tibia and femoral, for peri-prosthetic fractures

Advantage high fixation stability, locking hole left / right = 4° angled

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	5,2 mm
Plate width – Plattenbreite	17,5 mm
Distance hole – Lochabstand	18,0 mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4231-2006	6	116 mm
4231-2007	7	134 mm
4231-2008	8	152 mm
4231-2009	9	170 mm
4231-2010	10	188 mm
4231-2011	11	206 mm
4231-2012	12	224 mm
4231-2013	13	242 mm
4231-2014	14	260 mm
4231-2015	15	278 mm
4231-2016	16	296 mm
4231-2018	18	332 mm
4231-2020	20	368 mm
4231-2022	22	404 mm
4231-2024	24	440 mm



Titanium proximal lateral tibia locking plate 5,0 mm

Used with Titanium Ø 5.0mm locking Screws
in Combination with Ø 4.5mm Titanium standard cortical screws
applicable for fixation of tibia fractures with associated shaft fractures.

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	4,2 mm
Plate width shaft – Plattenbreite Schaft	16,2 mm
Plate width head – Plattenbreite Kopf	43,40 mm
Distance hole – Lochabstand	18,0 mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4252-1104	4 Holes LEFT	82 mm
4252-1106	6 Holes LEFT	118 mm
4252-1108	8 Holes LEFT	154 mm
4252-1110	10 Holes LEFT	190 mm
4252-1112	12 Holes LEFT	226 mm
4252-1114	14 Holes LEFT	262 mm
4252-1116	16 Holes LEFT	298 mm
4252-1204	4 Holes RIGHT	82 mm
4252-1206	6 Holes RIGHT	118 mm
4252-1208	8 Holes RIGHT	154 mm
4252-1210	10 Holes RIGHT	190 mm
4252-1212	12 Holes RIGHT	226 mm
4252-1214	14 Holes RIGHT	262 mm
4252-1216	16 Holes RIGHT	298 mm





Titanium proximal tibia locking T-plate 5,0 mm

Used with Titanium Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
applicable for fixation of buttress metaphyseal fractures, proximal Humeral,
medial tibia plateau and distal tibia fractures with associated shaft fractures

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	2,5 mm
Plate width shaft – Plattenbreite Schaft	16,7 mm
Plate width head – Plattenbreite Kopf	33,5 mm
Distance hole – Lochabstand	16,0 mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4250-0034	4	81 mm
4250-0035	5	97mm
4250-0036	6	113 mm
4250-0037	7	129 mm
4250-0038	8	145 mm



Titanium proximal tibia locking plate posteromedial 5,0 mm

Used with Titanium Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
applicable for Fixation of the tibia lateral wedge, depression, bicondylar and fractures
with associated shaft fractures

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	2,9 mm
Plate width – Plattenbreite	14,7 mm
Distance hole – Lochabstand	15,0 mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4256-0104	4 Hole LEFT	96 mm
4256-0106	6 Hole LEFT	126 mm
4256-0108	8 Hole LEFT	156 mm
4256-0110	10 Hole LEFT	186 mm
4256-0204	4 Hole RIGHT	96 mm
4256-0206	6 Hole RIGHT	126 mm
4256-0208	8 Hole RIGHT	156 mm
4256-0210	10 Hole RIGHT	186 mm



Titanium distal tibia locking plate lateral 5,0 mm

Used with Titanium Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
applicable for fixation of tibia fractures with associated shaft fractures.

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	4,0 mm
Plate width – Plattenbreite	15,1 mm
Distance hole – Lochabstand	15,0 mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4260-0105	5 Hole LEFT	121 mm
4260-0106	6 Hole LEFT	136 mm
4260-0108	8 Hole LEFT	166 mm
4260-0110	10 Hole LEFT	196 mm
4260-0112	12 Hole LEFT	226 mm
4260-0205	5 Hole RIGHT	121 mm
4260-0206	6 Hole RIGHT	136 mm
4260-0208	8 Hole RIGHT	166 mm
4260-0210	10 Hole RIGHT	196 mm
4260-0212	12 Hole RIGHT	226 mm



Titanium proximal tibia locking plate lateral 5,0 mm

Used with Titanium Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
applicable for fixation for corrective osteotomy (closed wedge),
as well as for lateral treatment of proximal fractures of the tibia

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	2,9 mm
Plate width – Plattenbreite	15,0 mm
Distance Hole – Lochabstand	15,0 mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4254-0105	5 Hole LEFT	116 mm
4254-0107	7 Hole LEFT	146 mm
4254-0109	9 Hole LEFT	176 mm
4254-0111	11 Hole LEFT	206 mm
4254-0113	13 Hole LEFT	236 mm
4254-0205	5 Hole RIGHT	116 mm
4254-0207	7 Hole RIGHT	146 mm
4254-0209	9 Hole RIGHT	176 mm
4254-0211	11 Hole RIGHT	206 mm
4254-0213	13 Hole RIGHT	236 mm





Titanium distal femoral buttress locking plate 5,0 mm with Combi Hole

Used with Titanium Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
applicable for fixation for buttressing multi fragmental distal femoral fractures

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	5,7 mm
Plate width shaft – Plattenbreite Schaft	16,5 mm
Plate width head– Plattenbreite Kopf	39,1 mm
Distance hole – Lochabstand	20,0 mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4240-0105	5 Hole LEFT	164 mm
4240-0107	7 Hole LEFT	204 mm
4240-0109	9 Hole LEFT	244 mm
4240-0111	11 Hole LEFT	284 mm
4240-0113	13 Hole LEFT	324 mm
240-0205	5 Hole RIGHT	164 mm
4240-0207	7 Hole RIGHT	204 mm
4240-0209	9 Hole RIGHT	244 mm
4240-0211	11 Hole RIGHT	284 mm
4240-0213	13 Hole RIGHT	324 mm



Titanium distal femoral locking plate 5,0 mm with combi hole

Used with Titanium Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
applicable for fixation for buttressing multi fragmental distal femur fractures

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	5,5 mm
Plate width shaft – Plattenbreite Schaft	17,4 mm
Plate width head– Plattenbreite Kopf	33,0 mm
Distance hole – Lochabstand	20,0 mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4242-0105	5 Hole LEFT	156 mm
4242-0107	7 Hole LEFT	196 mm
4242-0109	9 Hole LEFT	236 mm
4242-0111	11 Hole LEFT	276 mm
4242-0113	13 Hole LEFT	316 mm
4242-0205	5 Hole RIGHT	156 mm
4242-0207	7 Hole RIGHT	196 mm
4242-0209	9 Hole RIGHT	236 mm
4242-0211	11 Hole RIGHT	276 mm
4242-0213	13 Hole RIGHT	316 mm



Titanium metaphyseal locking plate straight 5,0 mm

Used with Titanium Ø 5.0mm locking screws
in combination with Ø 4.5mm Titanium standard cortical screws
Applicable for fixation for buttressing multi fragmental metaphyseal fractures

Material – Material	Titanium - Titan
Plate thickness - Plattendicke	4,20mm
Plate width shaft – Plattenbreite Schaft	13,50mm
Distance hole – Lochabstand	10,0 - 18,0mm

Item no. Art.Nr.	Holes Löcher	Length Länge
4270-0008	8 Holes	118 mm
4270-0009	9 Holes	136 mm
4270-0010	10 Holes	154 mm
4270-0011	11 Holes	172 mm
4270-0012	12 Holes	190 mm
4270-0013	13 Holes	208 mm
4270-0014	14 Holes	226 mm
4270-0016	16 Holes	262 mm
4270-0018	18 Holes	298 mm
4270-0020	20 Holes	334 mm



**Titanium locking screw full threaded self-tapping Ø 5,0 mm
Hexagonal socket width 3,5mm, gold**

Applicable drill bit for thread hole Ø 4.3mm, Length 195mm calibrated

Note: tapping is not applicable for this screw !

Material – Material	Titanium - Titan
Head thread – Kopfgewinde	M7
Cortical thread – Kortikalisgewinde	5,0 mm
Core diameter – Kerndurchmesser	4,3 mm
Thread pitch – Gewindesteigung	1,0 mm

Item no. Art.Nr.	Diameter Durchmesser	Length Länge
4285-0514	5,0 mm	14 mm
4285-0516	5,0 mm	16 mm
4285-0518	5,0 mm	18 mm
4285-0520	5,0 mm	20 mm
4285-0522	5,0 mm	22 mm
4285-0524	5,0 mm	24 mm
4285-0526	5,0 mm	26 mm
4285-0528	5,0 mm	28 mm
4285-0530	5,0 mm	30 mm
4285-0532	5,0 mm	32 mm
4285-0534	5,0 mm	34 mm
4285-0536	5,0 mm	36 mm
4285-0538	5,0 mm	38 mm
4285-0540	5,0 mm	40 mm
4285-0542	5,0 mm	42 mm
4285-0544	5,0 mm	44 mm
4285-0546	5,0 mm	46 mm
4285-0548	5,0 mm	48 mm
4285-0550	5,0 mm	50 mm
4285-0555	5,0 mm	55 mm
4285-0560	5,0 mm	60 mm
4285-0565	5,0 mm	65 mm
4285-0570	5,0 mm	70 mm
4285-0575	5,0 mm	75 mm
4285-0580	5,0 mm	80 mm
4285-0585	5,0 mm	85 mm
4285-0590	5,0 mm	90 mm
4285-0595	5,0 mm	95 mm
4285-0600	5,0 mm	100 mm



**Titanium locking screw full threaded self-tapping Ø 5,0 mm
Hexagonal socket width 3,5mm, polyaxial, grey**

Applicable drill bit for thread hole Ø 4.3mm, length 195mm calibrated

Note: Tapping is not applicable for this screw !

Material – Material	Titanium - Titan
Head thread – Kopfgewinde	M7
Cortical thread – Kortikalisgewinde	5,0 mm
Core diameter – Kerndurchmesser	4,4 mm
Thread pitch – Gewindesteigung	1,0 mm

Item no. Art.Nr.	Diameter Durchmesser	Length Länge
4285-1514	5,0 mm	14 mm
4285-1516	5,0 mm	16 mm
4285-1518	5,0 mm	18 mm
4285-1520	5,0 mm	20 mm
4285-1522	5,0 mm	22 mm
4285-1524	5,0 mm	24 mm
4285-1526	5,0 mm	26 mm
4285-1528	5,0 mm	28 mm
4285-1530	5,0 mm	30 mm
4285-1532	5,0 mm	32 mm
4285-1534	5,0 mm	34 mm
4285-1536	5,0 mm	36 mm
4285-1538	5,0 mm	38 mm
4285-1540	5,0 mm	40 mm
4285-1542	5,0 mm	42 mm
4285-1544	5,0 mm	44 mm
4285-1546	5,0 mm	46 mm
4285-1548	5,0 mm	48 mm
4285-1550	5,0 mm	50 mm
4285-1555	5,0 mm	55 mm
4285-1560	5,0 mm	60 mm
4285-1565	5,0 mm	65 mm
4285-1570	5,0 mm	70 mm
4285-1575	5,0 mm	75 mm
4285-1580	5,0 mm	80 mm
4285-1585	5,0 mm	85 mm
4285-1590	5,0 mm	90 mm
4285-1595	5,0 mm	95 mm
4285-1600	5,0 mm	100 mm





**Titanium cortical screw full threaded self-tapping Ø 4,5 mm
Hexagonal socket width 3,5mm, gold**

Material – Material	Titanium - Titan
Head diameter – Kopfdurchmesser	8,0mm
Cortical thread – Kortikalisgewinde	4,5 mm
Core diameter – Kerndurchmesser	3,2 mm
Thread pitch – Gewindesteigung	1,75 mm

Item no. Art.Nr.	Diameter Durchmesser	Length Länge
6164-0512	4,5 mm	12 mm
6164-0514	4,5 mm	14 mm
6164-0516	4,5 mm	16 mm
6164-0518	4,5 mm	18 mm
6164-0520	4,5 mm	20 mm
6164-0522	4,5 mm	22 mm
6164-0524	4,5 mm	24 mm
6164-0526	4,5 mm	26 mm
6164-0528	4,5 mm	28 mm
6164-0530	4,5 mm	30 mm
6164-0532	4,5 mm	32 mm
6164-0534	4,5 mm	34 mm
6164-0536	4,5 mm	36 mm
6164-0538	4,5 mm	28 mm
6164-0540	4,5 mm	40 mm
6164-0542	4,5 mm	42 mm
6164-0544	4,5 mm	44 mm
6164-0546	4,5 mm	46 mm
6164-0548	4,5 mm	48 mm
6164-0550	4,5 mm	50 mm
6164-0552	4,5 mm	52 mm
6164-0554	4,5 mm	54 mm
6164-0556	4,5 mm	56 mm
6164-0558	4,5 mm	58 mm
6164-0560	4,5 mm	60 mm
6164-0562	4,5 mm	62 mm
6164-0564	4,5 mm	64 mm
6164-0565	4,5 mm	65 mm
6164-0570	4,5 mm	70 mm
6164-0575	4,5 mm	75 mm
6164-0580	4,5 mm	80 mm
6164-0585	4,5 mm	85 mm
6164-0590	4,5 mm	90 mm
6164-0595	4,5 mm	95 mm
6164-0600	4,5 mm	100 mm



**Titanium distance bolt Ø 5,0 mm
Hexagonal socket width 3,5mm, blue**

Material – Material	Titanium - Titan
Head thread – Kopfgewinde	M7
Thread pitch – Gewindesteigung	1,0 mm

Item no. Art.Nr.	Diameter Durchmesser	Length Länge
4288-0035	7,0	5,0



**Titanium Fixation bolt Ø 5,0 mm for cerclage wire
Hexagonal socket width 3,5mm, grey**

Material – Material	Titanium - Titan
Head thread – Kopfgewinde	M7
Thread pitch – Gewindesteigung	1,0 mm

Item no. Art.Nr.	Diameter Durchmesser	Length Länge
4288-0100	7,0	5,0



Titanium washer Ø 13,0 mm

Titanium washer used for standard titanium screws Ø 4.5mm / Ø 6.5mm

Material – Material	Titanium - Titan
Head thread – Kopfgewinde	M7
Thread pitch – Gewindesteigung	1,0 mm

Item no. Art.Nr.	Diameter Durchmesser	Length Länge
6188-0013	13,0	1,45

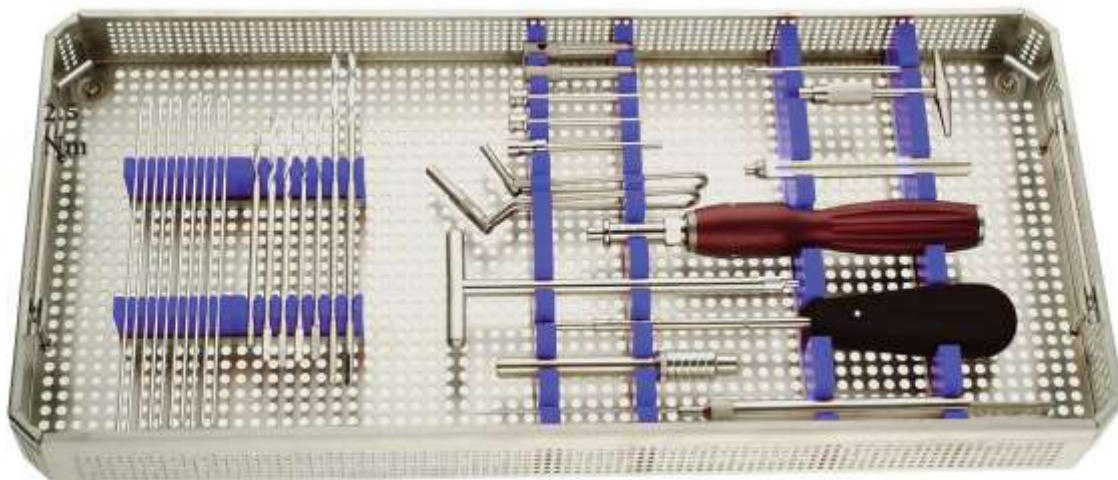


Perfect Lock Instrument Set

SET 4299-0060

Set – listing – content: Instruments

Item no. Art. Nr.	Description Bezeichnung	Pcs Stück
4299-0060	Tray Perfect-Lock large fragment basic instruments (Graphic case)	1
6990-0020	Drill bit – AO shaft Ø3.2mm x length 145mm / 120mm	2
6990-0030	Drill bit – AO shaft Ø4.5mm x length 145mm / 120mm	2
6990-0380	Countersink Ø4.5mm with T-handle and tip	1
6990-0460	Tap AO shaft Ø4.5mm with cortical pitch 1.75mm used for Ø4.5mm cortical screws	1
6990-0512	Insert drill sleeve Ø4.5mm / Ø3.2mm	1
6990-0830	T-handle small with AO – quick coupling	1
6990-0586	Tap sleeve Ø3.2mm, also use as Ø3.2mm drill guide	1
6990-0630	Large hex. screw driver – AO shaft standard (hex. flats 3.5mm) used for Ø4.5mm / Ø6.5mm screws	1
6990-0662	Large hexagonal screw driver used for self-holding sleeve	1
6990-0760	Coupling self – holding sleeve for screw driver	1
6990-0592	Tap sleeve Ø4.5mm	1
6990-0932	Depth gauge large, extra-long for measurement 120mm used for Ø4.5mm and Ø6.5mm screws	1
4290-0044	K-wire Ø2.0mm x length 190mm	10
6990-0060	Drill bit AO shaft Ø4.3mm x length 195mm, calibrated used for 5.0mm locking plate system	2
4290-0030	Threaded drill guide Ø4.3mm for used drill bit Ø4.3mm	2
4290-0042	Centring sleeve Ø2.0mm for used K-wire Ø2.0mm x length 190mm	2
4290-0040	Direct measuring device for used K-wire Ø2.0mm x length 190mm	1
4290-0010	Torque limited drive 2.5N with AO quick coupling	1





Recommended Sterilization container:



Item no. Art. Nr.	Description Bezeichnung
6000-9000	1/1 Size container, bottom non perforated outside 580 x 280 x100mm



Centring sleeve Ø 2.0mm

Used for 190 mm K-wire REF. 4290-0044

Item no. Art. Nr.	Description Bezeichnung
4290-0042	Centring sleeve ø 2,0



K-wire Ø 2.0mm

Used for Centring sleeve REF. 4290-0042

Item no. Art. Nr.	Description Bezeichnung
4290-0044	ø 2,0 x 190 mm K-wire



Direct measuring device

Used for K-Wire REF. 4290-0044

Item no. Art. Nr.	Description Bezeichnung
4290-0040	Direct measuring device



Drill bit – AO shaft Ø2,0mm x length 125mm / 100mm

Used for ø 2,0 mm K-wire

Item no. Art. Nr.	Description Bezeichnung
6990-0010	Drill bit – AO shaft Ø2,0mm x length 125mm / 100mm



Drill bit – AO shaft

Used for ø 4,5 mm cortical screws

Item no. Art. Nr.	Description Bezeichnung
6990-0020	Ø3.2mm x length 145mm / 120mm
6990-0030	Ø4.5mm x length 145mm / 120mm



Drill bit AO shaft,

Used for Threaded drill sleeve REF. 4290-0030 + REF. 4290-0031
For 5,0 mm locking screws

Item no. Art. Nr.	Description Bezeichnung
6990-0060	Ø4.3mm x 195mm



Malleolar countersink

Item no. Art. Nr.	Description Bezeichnung
6990-0322	Malleolar countersink Ø3.2mm, quick coupling



Countersink

Used for Ø 4,5 mm cortical screws and 6,5mm cancellous screws

Item no. Art. Nr.	Description Bezeichnung
6990-0380	Countersink Ø4.5mm with T-handle and tip



Small silicon handle

Item no. Art. Nr.	Description Bezeichnung
6990-0822	Small silicon handle 19x95mm, AO-coupling



T-handle_small

Item no. Art. Nr.	Description Bezeichnung
6990-0830	T-handle small with AO - quick coupling



Universal chuck with key

Item no. Art. Nr.	Description Bezeichnung
6990-0840	Universal chuck with key cannulated 4,1mm



Tap AO shaft

Used for Ø 4,5 mm cortical screws

Item no. Art. Nr.	Description Bezeichnung
6990-0460	Tap AO shaft Ø4,5mm with cortical pitch 1.75mm





Tap 6,5mm AO-shaft

Used for \varnothing 6,5 mm cancellous screws

Item no.	Description
Art. Nr.	Bezeichnung
6990-0470	Tap 6,5mm AO-shaft pitch 2,75mm



Threaded drill sleeve

Used for \varnothing 4,3 mm Drill Bit REF.: 6990-0060

Item no.	Description
Art. Nr.	Bezeichnung
4290-0030	Threaded Drill Guide \varnothing 4,3 mm for standard locking screws



Threaded drill sleeve

Used for \varnothing 4,3 mm Drill Bit REF.: 6990-0060

Item no.	Description
Art. Nr.	Bezeichnung
4290-0031	Threaded drill sleeve for polyaxial locking screws



Insert drill sleeve \varnothing 4.5mm / \varnothing 3.2mm

Used for reduction from \varnothing 4,5 mm to \varnothing 3,2mm

Item no.	Description
Art. Nr.	Bezeichnung
6990-0512	Insert drill sleeve \varnothing 4.5mm / \varnothing 3.2mm



Drill guide for 4,5mm / 3,2mm

Used for \varnothing 4,5 mm Cortical screws

Item no.	Description
Art. Nr.	Bezeichnung
6990-0538	Drill guide for 4,5mm / 3,2mm





Drill guide for Ø6.5mm / 3.5mm

Used for Ø 6,5 mm Screws and Ø 3,5 mm drill bit

Item no.	Description
Art. Nr.	Bezeichnung
6990-0552	



Drill sleeve for round hole plates Ø3.2mm

Item no.	Description
Art. Nr.	Bezeichnung
6990-0580	



Universal drill sleeve 4,5mm / 3,2mm

Used for Ø 4,5 mm Cortical screws

Item no.	Description
Art. Nr.	Bezeichnung
6990-0564	



Neutral and excentric drill guide short 40mm, 3,2mm / 4,5mm

Used for Ø 4,5 mm Cortical screws

Item no.	Description
Art. Nr.	Bezeichnung
6990-0576	



Tap sleeve

Used for Ø 4,5 mm Cortical screws

Item no.	Description
Art. Nr.	Bezeichnung
6990-0586	Tap sleeve Ø3,2mm, also use as Ø3,2mm drill guide



Tap sleeve Ø4.5mm

Item no.	Description
Art. Nr.	Bezeichnung
6990-0592	Tap sleeve Ø4.5mm





Pointed drill guide

Item no.	Description
Art. Nr.	Bezeichnung
6990-0596	Pointed drill guide



Depth gauge large

Used for \varnothing 4,5 mm Cortical and \varnothing 6,5 mm cancellous screws

Item no.	Description
Art. Nr.	Bezeichnung
6990-0932	Depth gauge large, extra-long for measurement 120mm



Large hex. screwdriver

Used for \varnothing 4,5 mm Cortical and \varnothing 6,5 mm cancellous screws

Item no.	Description
Art. Nr.	Bezeichnung
6990-0630	Large hex. screwdriver – AO shaft standard (hex. flats 3.5mm)



Large hexagonal screwdriver

Used for \varnothing 4,5 mm Cortical screws, with self holding sleeve REF 6990-0760

Item no.	Description
Art. Nr.	Bezeichnung
6990-0662	Large hexagonal screwdriver useable with self-holding sleeve



Coupling self - holding sleeve

Used for \varnothing 4,5 mm Cortical and \varnothing 6,5 mm, \varnothing 7,0 cancellous screws
And screwdriver RE. 6990-0662

Item no.	Description
Art. Nr.	Bezeichnung
6990-0760	Coupling self - holding sleeve for screwdriver REF. 6990-0662



Screwdriver AO shaft

Used for \varnothing 5,0 mm Locking screws

Item no.	Description
Art. Nr.	Bezeichnung
4290-0020	Screwdriver AO shaft hex. 3,5mm Large hex.



Torque limited drive 2.5Nm with AO quick coupling

Item no. Art. Nr.	Description Bezeichnung
4290-0010	Torque limited drive 2.5Nm with AO quick coupling



Torque limiter

Item no. Art. Nr.	Description Bezeichnung
4290-0012	Torque limiter 4 Nm AO coupling



Sharp hook

Item no. Art. Nr.	Description Bezeichnung
6990-1400	Sharp hook, length, 155mm



Tension device with Gauge

Item no. Art. Nr.	Description Bezeichnung
6990-1800	Tension device with Gauge



Wrench

Item no. Art. Nr.	Description Bezeichnung
6990-1810	Wrench, 11mm



Screw holding forceps large

Used for \varnothing 3,5 to 6,5mm mm

Item no. Art. Nr.	Description Bezeichnung
6990-1510	Screw holding forceps large





Large bending iron for standard plates 4.5mm

Item no.	Description
Art. Nr.	Bezeichnung
6990-1232	Large bending iron for standard plates 4.5mm



Bending pliers

Item no.	Description
Art. Nr.	Bezeichnung
6990-1250	Bending pliers



Plate bending press

Item no.	Description
Art. Nr.	Bezeichnung
6990-1260	Plate bending press





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