



MARQUARDT
Medizintechnik



Product catalogue



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01 Uniflex Spine System

UNIFLEX Cervical Cage System

UNIFLEX Lumbar Cage System

UNIFLEX Rod System



Cervical Cage / PEEK Sterile



	Length	Width	Height
01.114.040	15 mm	13 mm	4 mm
01.114.041	15 mm	13 mm	5 mm
01.114.042	15 mm	13 mm	6 mm
01.114.043	15 mm	13 mm	7 mm
01.114.050	16 mm	14 mm	4 mm
01.114.051	16 mm	14 mm	5 mm
01.114.052	16 mm	14 mm	6 mm
01.114.053	16 mm	14 mm	7 mm
01.114.060	16 mm	16 mm	4 mm
01.114.061	16 mm	16 mm	5 mm
01.114.062	16 mm	16 mm	6 mm
01.114.063	16 mm	16 mm	7 mm
01.114.070	16 mm	18 mm	4 mm
01.114.071	16 mm	18 mm	5 mm
01.114.072	16 mm	18 mm	6 mm
01.114.073	16 mm	18 mm	7 mm

Cervical Cage / PEEK Sterile



	Length	Width	Height
01.116.070	12 mm	13 mm	4 mm
01.116.071	12 mm	13 mm	5 mm
01.116.072	12 mm	13 mm	6 mm
01.116.073	12 mm	13 mm	7 mm

Lumbar Cage / PEEK Sterile



	Length	Width	Height
01.11108.022	22 mm	10.5 mm	8 mm
01.11110.022	22 mm	10.5 mm	10 mm
01.11112.022	22 mm	10.5 mm	12 mm
01.11108.024	24 mm	10.5 mm	8 mm
01.11110.024	24 mm	10.5 mm	10 mm
01.11112.024	24 mm	10.5 mm	12 mm

Instruments - UNIFLEX Cervical Cage



01.20100.001 Insertion Instrument for UNIFLEX Cervical Cage



01.20100.002 Coupling Screw for REF 01.20100.001



01.20100.003 Marker



01.20100.004 Height Gauge 4 mm



01.20100.005 Height Gauge 5 mm



01.20100.006 Height Gauge 6 mm



01.20100.007 Height Gauge 7 mm



02.20050.010 Handle with AO Coupling

UNIFLEX Cervical Cage Instruments – Set



01.22100.000	Graphic Case UNIFLEX CAGE, Instruments
01.20100.001	Insertion Instrument for UNIFLEX Cervical Cage
01.20100.002	Coupling Screw for REF 01.20100.001
01.20100.003	Marker
01.20100.004	Height Gauge 4 mm
01.20100.005	Height Gauge 5 mm
01.20100.006	Height Gauge 6 mm
01.20100.007	Height Gauge 7 mm
02.20050.010	Handle with AO Coupling

Instruments - UNIFLEX Lumbar Cage



01.20203.010 Disc Space Opener and Distraction Instrument, 8 mm



01.20203.020 Disc Space Opener and Distraction Instrument, 10 mm



01.20203.030 Disc Space Opener and Distraction Instrument, 12 mm



01.20203.050 Rasp for UNIFLEX Lumbar Cage 8 mm



01.20203.060 Rasp for UNIFLEX Lumbar Cage 10 mm



01.20203.070 Rasp for UNIFLEX Lumbar Cage 12 mm



01.20203.080 Insertion Instrument for UNIFLEX Lumbar Cage



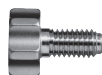
01.20203.090 Coupling Screw for REF 01.20203.080



01.20203.100 Protection Sleeve for REF 01.20203.080



14.30060.170 Mallet



01.20203.105 Assembling Screw for REF 01.20203.100



09.20010.270 T-Handle with Quick Coupling

UNIFLEX Lumbar Cage Instruments – Set

01.20203.010	Disc Space Opener and Distraction Instrument, 8 mm
01.20203.020	Disc Space Opener and Distraction Instrument, 10 mm
01.20203.030	Disc Space Opener and Distraction Instrument, 12 mm
01.20203.050	Rasp for UNIFLEX Lumbar Cage 8 mm
01.20203.060	Rasp for UNIFLEX Lumbar Cage 10 mm
01.20203.070	Rasp for UNIFLEX Lumbar Cage 12 mm
01.20203.080	Insertion Instrument for UNIFLEX Lumbar Cage
01.20203.090	Coupling Screw for REF 01.20203.080
01.20203.100	Protection Sleeve for REF 01.20203.080
14.30060.170	Mallet
01.20203.105	Assembling Screw for REF 01.20203.100
09.20010.270	T-Handle with Quick Coupling

UNIFLEX Polyaxial Pedicle Screws, cannulated



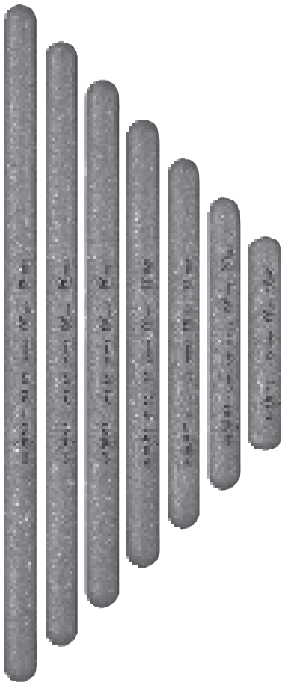
Titanium	Diameter	Length
01.02150.025	Ø 5.0 mm	25 mm
01.02150.030	Ø 5.0 mm	30 mm
01.02150.035	Ø 5.0 mm	35 mm
01.02150.040	Ø 5.0 mm	40 mm
01.02150.045	Ø 5.0 mm	45 mm
01.02150.050	Ø 5.0 mm	50 mm
01.02155.025	Ø 5.5 mm	25 mm
01.02155.030	Ø 5.5 mm	30 mm
01.02155.035	Ø 5.5 mm	35 mm
01.02155.040	Ø 5.5 mm	40 mm
01.02155.045	Ø 5.5 mm	45 mm
01.02155.050	Ø 5.5 mm	50 mm
01.02165.030	Ø 6.5 mm	30 mm
01.02165.035	Ø 6.5 mm	35 mm
01.02165.040	Ø 6.5 mm	40 mm
01.02165.045	Ø 6.5 mm	45 mm
01.02165.050	Ø 6.5 mm	50 mm
01.02165.055	Ø 6.5 mm	55 mm
01.02175.030	Ø 7.5 mm	30 mm
01.02175.035	Ø 7.5 mm	35 mm
01.02175.040	Ø 7.5 mm	40 mm
01.02175.045	Ø 7.5 mm	45 mm
01.02175.050	Ø 7.5 mm	50 mm
01.02175.055	Ø 7.5 mm	55 mm
01.02175.060	Ø 7.5 mm	60 mm

UNIFLEX Monoaxial Pedicle Screws, cannulated



Titanium	Diameter	Length
01.02050.025	Ø 5.0 mm	25 mm
01.02050.030	Ø 5.0 mm	30 mm
01.02050.035	Ø 5.0 mm	35 mm
01.02050.040	Ø 5.0 mm	40 mm
01.02050.045	Ø 5.0 mm	45 mm
01.02050.050	Ø 5.0 mm	50 mm
01.02055.025	Ø 5.5 mm	25 mm
01.02055.030	Ø 5.5 mm	30 mm
01.02055.035	Ø 5.5 mm	35 mm
01.02055.040	Ø 5.5 mm	40 mm
01.02055.045	Ø 5.5 mm	45 mm
01.02055.050	Ø 5.5 mm	50 mm
01.02065.030	Ø 6.5 mm	30 mm
01.02065.035	Ø 6.5 mm	35 mm
01.02065.040	Ø 6.5 mm	40 mm
01.02065.045	Ø 6.5 mm	45 mm
01.02065.050	Ø 6.5 mm	50 mm
01.02065.055	Ø 6.5 mm	55 mm
01.02075.030	Ø 7.5 mm	30 mm
01.02075.035	Ø 7.5 mm	35 mm
01.02075.040	Ø 7.5 mm	40 mm
01.02075.045	Ø 7.5 mm	45 mm
01.02075.050	Ø 7.5 mm	50 mm
01.02075.055	Ø 7.5 mm	55 mm
01.02075.060	Ø 7.5 mm	60 mm

UNIFLEX ROD Ø 6.0 mm



Titanium	Length
01.02006.040	40 mm
01.02006.050	50 mm
01.02006.060	60 mm
01.02006.070	70 mm
01.02006.080	80 mm
01.02006.090	90 mm
01.02006.100	100 mm
01.02006.110	110 mm
01.02006.120	120 mm
01.02006.130	130 mm
01.02006.140	140 mm
01.02006.150	150 mm
01.02006.160	160 mm
01.02006.180	180 mm
01.02006.200	200 mm
01.02006.220	220 mm
01.02006.240	240 mm
01.02006.260	260 mm
01.02006.280	280 mm
01.02006.300	300 mm
01.02006.320	320 mm
01.02006.340	340 mm
01.02006.380	380 mm
01.02006.400	400 mm
01.02006.480	480 mm

UNIFLEX Grub Screw for Pedicle Screws

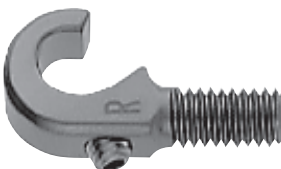


Titanium	
01.02011.000	Ø 11 x 5.0 mm

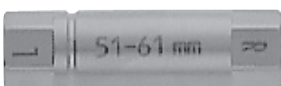
UNIFLEX Cross Link



Titanium	
01.21060.028	UNIFLEX Cross Link Hook, left incl. Grub Screw (01.01400.067)



Titanium	
01.21160.028	UNIFLEX Cross Link Hook, right incl. Grub Screw (01.01400.067)



Titanium	
01.21800.020	UNIFLEX Transverse Connector, distance 41-51 mm
01.21800.030	UNIFLEX Transverse Connector, distance 51-61 mm
01.21800.040	UNIFLEX Transverse Connector, distance 61-71 mm

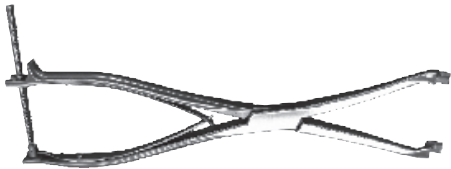
Instruments – UNIFLEX Rod

	01.20201.240	Guide Wire Ø 1.7mm, thread and drill tip, L 240 mm
	01.20201.245	Guide Wire Ø 1.7mm, thread and drill tip, L 245 mm
	01.20201.250	Guide Wire Ø 1.7mm, thread and drill tip, L 250 mm
	01.20201.255	Guide Wire Ø 1.7mm, thread and drill tip, L 255 mm
	01.20201.260	Guide Wire Ø 1.7mm, thread and drill tip, L 260 mm
	01.20202.151	UNIFLEX Holding Sleeve for Screws for REF 01.20202.150
	01.20202.180	UNIFLEX Wrench, hex 4.0mm
	01.20202.190	UNIFLEX Torque Wrench 11.0 Nm, hex 4.0mm
	01.20202.260	UNIFLEX Measuring Device for Guide Wires ø 1.7mm
	01.20202.270	Cleaning Wire ø 1.6mm, L 330mm
	01.02016.400	UNIFLEX Trial Rod ø 5.0mm, L 400mm
	01.20202.010	UNIFLEX Calibration Instrument, cannulated
	01.20202.170	UNIFLEX Counter Torque Instrument

Instruments – UNIFLEX



01.20202.200 UNIFLEX Rod Bending Forceps



01.20202.210 UNIFLEX Compressing Forceps



01.20202.220 UNIFLEX Distraction Forceps



01.20202.230 UNIFLEX Rod Holding Forceps



01.20202.240 UNIFLEX Rod Pusher, angled



01.20202.280 UNIFLEX Handle with chuck for Guide Wires



01.20202.281 UNIFLEX Nut for REF 01.20202.280



01.20202.290 UNIFLEX Spoon Probe, calibrated

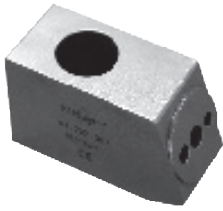


01.20202.300 UNIFLEX Rod Pusher



01.20202.310 UNIFLEX Drop Probe, calibrated

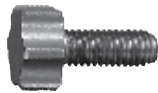
Instruments – UNIFLEX



01.20202.005 UNIFLEX Targeting Device



01.20202.006 Handle for Targeting Device



01.20202.007 Assembling Screw for Targeting Device

01.20202.020 UNIFLEX Guide Sleeve for Guide Wires ϕ 1.7mm

01.20202.030 UNIFLEX Countersink, cannulated

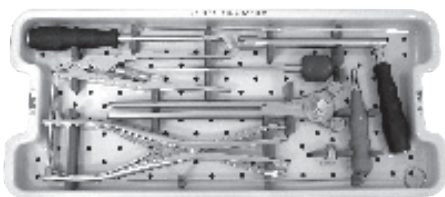
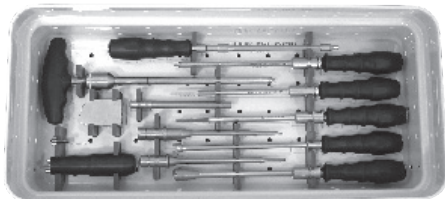
01.20202.040 UNIFLEX Awl ϕ 4.0mm01.20202.050 UNIFLEX Awl ϕ 5.0/5.5mm, cannulated01.20202.060 UNIFLEX Awl ϕ 6.5/7.5mm, cannulated01.20202.070 UNIFLEX Awl ϕ 5.0mm

01.20202.110 UNIFLEX Screw Removal Instrument



01.20202.150 UNIFLEX Screw Setting Instrument, cannulated

UNIFLEX Instruments – Set



01.20202.900	Graphic Case UNIFLEX ROD, Instruments and Implants
01.20202.005	UNIFLEX Targeting Device
01.20202.006	Handle for Targeting Device
01.20202.007	Assembling Screw for Targeting Device
01.20202.020	UNIFLEX Guide Sleeve for Guide Wires \varnothing 1.7mm
01.20202.030	UNIFLEX Countersink, cannulated
01.20202.040	UNIFLEX Awl \varnothing 4.0mm
01.20202.050	UNIFLEX Awl \varnothing 5.0/5.5mm, cannulated
01.20202.060	UNIFLEX Awl \varnothing 6.5/7.5mm, cannulated
01.20202.070	UNIFLEX Awl \varnothing 5.0mm
01.20202.110	UNIFLEX Screw Removal Instrument
01.20202.150	UNIFLEX Screw Setting Instrument, cannulated
01.20202.151	UNIFLEX Holding Sleeve for Screws for REF 01.20202.150
01.20202.180	UNIFLEX Wrench, hex 4.0mm
01.20202.190	UNIFLEX Torque Wrench 11.0 Nm, hex 4.0mm
01.20202.010	UNIFLEX Calibration Instrument, cannulated
01.20202.170	UNIFLEX Counter Torque Instrument
01.20202.200	UNIFLEX Rod Bending Forceps
01.20202.210	UNIFLEX Compressing Forceps
01.20202.220	UNIFLEX Distraction Forceps
01.20202.230	UNIFLEX Rod Holding Forceps
01.20202.240	UNIFLEX Rod Pusher, angled
01.20202.280	UNIFLEX Handle with chuck for Guide Wires
01.20202.281	UNIFLEX Nut for REF 01.20202.280
01.20202.290	UNIFLEX Spoon Probe, calibrated
01.20202.300	UNIFLEX Rod Pusher
01.20202.310	UNIFLEX Drop Probe, calibrated





02 Mini Fragment

Cortical Screws \varnothing 1.5 mm and 2.0 mm

Mini Plates

T- and L- Plates



Cortical Screws \varnothing 1.5 mm

Stainless Steel	Titanium	Stainless Steel self-tapping	Titanium self-tapping	Screw Length
02.00315.006	02.01315.006	02.02315.006	02.03315.006	6 mm
02.00315.007	02.01315.007	02.02315.007	02.03315.007	7 mm
02.00315.008	02.01315.008	02.02315.008	02.03315.008	8 mm
02.00315.009	02.01315.009	02.02315.009	02.03315.009	9 mm
02.00315.010	02.01315.010	02.02315.010	02.03315.010	10 mm
02.00315.011	02.01315.011	02.02315.011	02.03315.011	11 mm
02.00315.012	02.01315.012	02.02315.012	02.03315.012	12 mm
02.00315.014	02.01315.014	02.02315.014	02.03315.014	14 mm
02.00315.016	02.01315.016	02.02315.016	02.03315.016	16 mm
02.00315.018	02.01315.018	02.02315.018	02.03315.018	18 mm
02.00315.020	02.01315.020	02.02315.020	02.03315.020	20 mm
02.00315.022	02.01315.022	02.02315.022	02.03315.022	22 mm
02.00315.024	02.01315.024	02.02315.024	02.03315.024	24 mm

Screw Diameter	1.50 mm
Core Diameter	1.10 mm
Drill Bit Diameter	1.10 mm
Head Diameter	3.00 mm
Hexagon Socket	1.50 mm

For use as lag screw or for plate fixation for fractures of the phalanx, metacarpals, hand and the head of the radius

Cortical Screws \varnothing 2.0 mm

Stainless Steel	Titanium	Stainless Steel self-tapping	Titanium self-tapping	Screw Length
02.00420.006	02.01420.006	02.02420.006	02.03420.006	6 mm
02.00420.008	02.01420.008	02.02420.008	02.03420.008	8 mm
02.00420.010	02.01420.010	02.02420.010	02.03420.010	10 mm
02.00420.012	02.01420.012	02.02420.012	02.03420.012	12 mm
02.00420.014	02.01420.014	02.02420.014	02.03420.014	14 mm
02.00420.016	02.01420.016	02.02420.016	02.03420.016	16 mm
02.00420.018	02.01420.018	02.02420.018	02.03420.018	18 mm
02.00420.020	02.01420.020	02.02420.020	02.03420.020	20 mm
02.00420.022	02.01420.022	02.02420.022	02.03420.022	22 mm
02.00420.024	02.01420.024	02.02420.024	02.03420.024	24 mm
02.00420.026	02.01420.026	02.02420.026	02.03420.026	26 mm
02.00420.028	02.01420.028	02.02420.028	02.03420.028	28 mm
02.00420.030	02.01420.030	02.02420.030	02.03420.030	30 mm
02.00420.032	02.01420.032	02.02420.032	02.03420.032	32 mm
02.00420.034	02.01420.034	02.02420.034	02.03420.034	34 mm
02.00420.036	02.01420.036	02.02420.036	02.03420.036	36 mm
02.00420.038	02.01420.038	02.02420.038	02.03420.038	38 mm

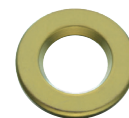
Screw Diameter	2.00 mm
Core Diameter	1.30 mm
Drill Bit Diameter	1.50 mm
Head Diameter	4.00 mm
Hexagon Socket	1.50 mm

For use as lag screw or for plate fixation for fractures of the phalanx, metacarpals, hand and the head of the radius

Washers \varnothing 4.5 mm, for Screws \varnothing 1.5 to 2.0 mm

Stainless Steel	Titanium
02.90000.045	02.91000.045

Diameter Outside	4.50 mm
Thickness	0.60 mm



Mini Plates 1.5, straight



Stainless Steel	Titanium	Holes	Plate Length
02.10041.020	02.11041.020	20	100 mm

Plate Thickness	0.90 mm
Plate Width	3.80 mm
Hole Distance	5.00 mm

For phalanx fractures

Mini Plates 2.0, straight



Stainless Steel	Titanium	Holes	Plate Length
02.10051.020	02.11051.020	20	100 mm

Plate Thickness	1.00 mm
Plate Width	5.00 mm
Hole Distance	5.00 mm

For phalanx fractures

Mini T-Plates 1.5

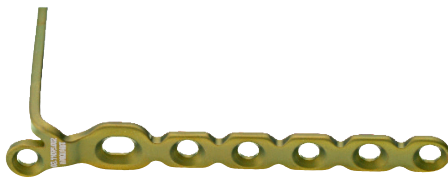


Stainless Steel	Titanium	Holes	Plate Length
02.10121.003	02.11121.003	3/9	50 mm
02.10121.004	02.11121.004	4/9	50 mm

Plate Thickness	0.90 mm
Plate Width	3.80 mm
Hole Distance	5.00 mm

For phalanx fractures near the joints

Mini Condylar Plate 1.5

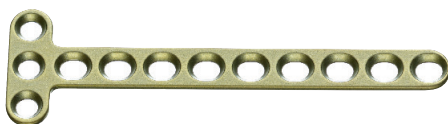


Stainless Steel	Titanium	Plate Length	Description
02.10095.002	02.11095.002	37 mm	right
02.10095.102	02.11095.102	37 mm	left

Plate Thickness	1.00 mm
Plate Width	3.50 mm
Hole Distance	5.00 mm

Fractures or osteotomies near the metacarpophalangeal (MP) or proximal interphalangeal (PIP) joint

Mini T-Plates 2.0

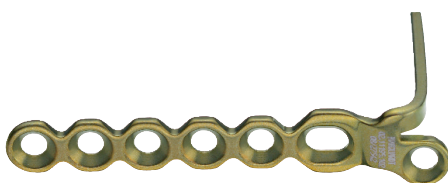


Stainless Steel	Titanium	Holes	Plate Length
02.10151.003	02.11151.003	3/9	50 mm
02.10151.004	02.11151.004	4/9	50 mm

Plate Thickness	1.00 mm
Plate Width	5.00 mm
Hole Distance	5.00 mm

For distal or proximal phalanx fractures

Mini Condylar Plate 2.0



Stainless Steel	Titanium	Plate Length	Description
02.10195.002	02.11195.002	39 mm	right
02.10195.102	02.11195.102	39 mm	left

Plate Thickness	1.20 mm
Plate Width	5.10 mm
Hole Distance	5.00 mm

Fractures or osteotomies near the metacarpophalangeal (MP) or proximal interphalangeal (PIP) joint

Mini Plates 2.0, straight



Stainless Steel	Titanium	Holes	Plate Length
02.10510.003	02.11510.003	3	17 mm
02.10510.004	02.11510.004	4	23 mm
02.10510.005	02.11510.005	5	29 mm
02.10510.006	02.11510.006	6	35 mm

Plate Thickness	1.00 mm
Plate Width	5.00 mm
Hole Distance	6.00 mm

For phalanx fractures

Mini Compression Plates 2.0



Stainless Steel	Titanium	Holes	Plate Length	Plate Thickness
02.10515.004	02.11515.004	4	22 mm	1.00 mm
02.10515.005	02.11515.005	5	27 mm	1.00 mm
02.10515.006	02.11515.006	6	32 mm	1.00 mm
02.10515.007	02.11515.007	7	37 mm	1.50 mm
02.10515.008	02.11515.008	8	42 mm	1.50 mm

Plate Width	5.00 mm
Hole Distance	5.00 mm

For fracture of the hand or foot

Mini T-Plates 2.0



Stainless Steel	Titanium	Holes	Plate Length
02.10111.002	02.11111.002	2/2	22 mm

Plate Thickness	1.00 mm
Plate Width	5.00 mm
Hole Distance	6.00 mm

For articular fractures

Mini L-Plates 2.0, 90°



Stainless Steel	Titanium	Holes	Plate Length	Description
02.10090.102	02.11090.102	2/2	22 mm	left
02.10090.002	02.11090.002	2/2	22 mm	right

Plate Thickness	1.00 mm
Plate Width	5.00 mm
Hole Distance	6.00 mm

For articular fractures

Mini L-Plates 2.0, 110°



Stainless Steel	Titanium	Holes	Plate Length	Description
02.10110.102	02.11110.102	2/2	22 mm	left
02.10110.002	02.11110.002	2/2	22 mm	right

Plate Thickness	1.00 mm
Plate Width	5.00 mm
Hole Distance	6.00 mm

For articular fractures

Instruments – Mini Fragment



02.20010.011 Drill Bit Ø 1.1 mm, 2-flute, AO Coupling, L 60/35 mm



02.20010.015 Drill Bit Ø 1.5 mm, 2-flute, AO Coupling, L 85/59 mm



02.20010.020 Drill Bit Ø 2.0 mm, 2-flute, AO Coupling, L 100/74 mm



02.20010.027 Drill Bit Ø 2.7 mm, 2-flute, AO Coupling, L 100/74 mm



02.20020.015 Tap Ø 1.5 mm, Mini Quick Coupling, L 50/20 mm



02.20020.020 Tap Ø 2.0 mm, Mini Quick Coupling, L 53/24 mm



02.20020.027 Tap Ø 2.7 mm, AO Coupling, L 100/33 mm



02.20030.015 Countersink 1.5/2.0, Mini Quick Coupling, L 56 mm



02.20030.027 Countersink 2.7, AO Coupling, L 72 mm



02.20060.015 Double Drill Guide 1.5/1.1



02.20060.020 Double Drill Guide 2.0/1.5



02.20060.027 Double Drill Guide 2.7/2.0



02.20100.038 Depth Gauge for Screws, range up to 38 mm



03.20100.060 Depth Gauge for Screws, range up to 60 mm

Instruments – Mini Fragment



02.20040.015 Screwdriver Shaft, hex 1.5 mm, Mini Quick Coupling



03.20040.025 Screwdriver hexagonal, with Groove, hex 2.5 mm



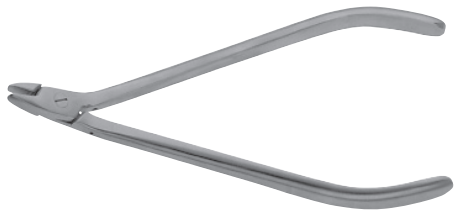
03.20040.125 Screwdriver Shaft, hex 2.5 mm, AO Coupling



02.20050.005 Handle with Mini Quick Coupling



02.20050.010 Handle with AO Coupling



02.20110.015 Bending Pliers for Plates 1.5 up to 2.7 mm



02.20110.160 Wire Bending Pliers for Wires up to Ø 1.25 mm, L 160 mm



02.20110.020 Bending Iron for Kirschner Wires Ø 0.8 to 1.25 mm



02.20110.005 Bending Iron for Plates 1.5 up to 2.0 mm



02.20070.132 Holding Forceps for Small Plates, ratchet lock, L 135 mm

Instruments – Mini Fragment



03.20070.130 Reduction Forceps with Points, narrow, ratchet lock, L 130 mm



03.20070.131 Reduction Forceps with Points, wide, ratchet lock, L 130 mm



11.20130.165 Wire Cutter for wires up to Ø 1.5 mm, L 165 mm



02.20090.006 Bone Lever, narrow tip, width 6 mm, L 160 mm



02.20090.008 Bone Lever, narrow tip, width 8 mm, L 160 mm



02.20090.015 Bone Lever, width 15 mm, L 160 mm



02.20080.003 Periosteal Elevator, curved blade, straight edge, width 3 mm



02.20120.005 Sharp Hook, L 150 mm

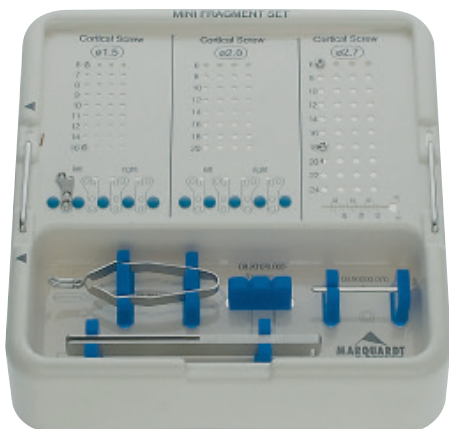
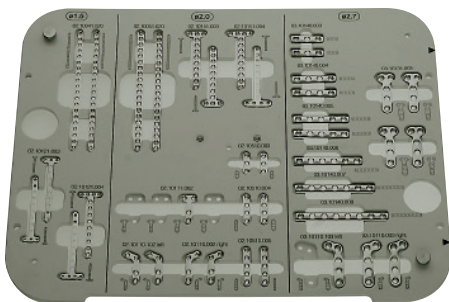
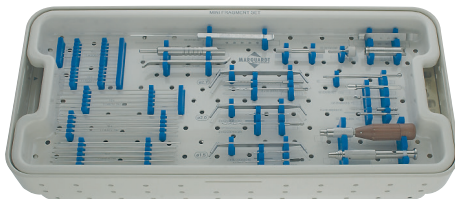
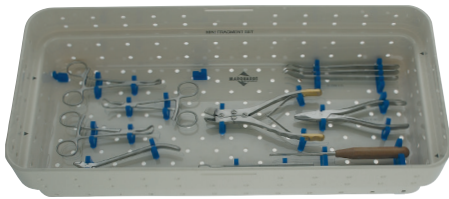


02.20120.015 Screw Forceps, self-holding



08.20120.000 Holding Clamp for Washers

Mini Fragment Instruments – Set



02.22130.100	Graphic Case Mini Fragment, Instruments and Implants
02.20010.011	Drill Bit Ø 1.1mm, 2-flute, AO Coupling, L 60/35mm
02.20010.015	Drill Bit Ø 1.5mm, 2-flute, AO Coupling, L 85/59mm
02.20010.020	Drill Bit Ø 2.0mm, 2-flute, AO Coupling, L 100/74mm
02.20010.027	Drill Bit Ø 2.7mm, 2-flute, AO Coupling, L 100/74mm
02.20020.015	Tap Ø 1.5mm, Mini Quick Coupling, L 50/20mm
02.20020.020	Tap Ø 2.0mm, Mini Quick Coupling, L 53/24mm
02.20020.027	Tap Ø 2.7mm, AO Coupling, L 100/33mm
02.20030.015	Countersink 1.5/2.0, Mini Quick Coupling, L 56mm
02.20030.027	Countersink 2.7, AO Coupling, L 72mm
02.20060.015	Double Drill Guide 1.5/1.1
02.20060.020	Double Drill Guide 2.0/1.5
02.20060.027	Double Drill Guide 2.7/2.0
02.20100.038	Depth Gauge for Screws, range up to 38mm
02.20040.015	Screwdriver Shaft, hex 1.5mm, Mini Quick Coupling
02.20050.005	Handle with Mini Quick Coupling
02.20050.010	Handle with AO Coupling
02.20110.015	Bending Pliers for Plates 1.5 up to 2.7mm
02.20110.160	Wire Bending Pliers for Wires up to Ø 1.25mm, L 160mm
02.20110.020	Bending Iron for Kirschner Wires Ø 0.8 to 1.25mm
02.20110.005	Bending Iron for Plates 1.5 up to 2.0mm
02.20070.132	Holding Forceps for Small Plates, ratchet lock, L 135mm
02.20090.006	Bone Lever, narrow tip, width 6mm, L 160mm
02.20090.008	Bone Lever, narrow tip, width 8mm, L 160mm
02.20090.015	Bone Lever, width 15mm, L 160mm
02.20080.003	Periosteal Elevator, curved blade, straight edge, width 3mm
02.20120.005	Sharp Hook, L 150mm
02.20120.015	Screw Forceps, self-holding
03.20100.060	Depth Gauge for Screws, range up to 60mm
03.20040.025	Screwdriver hexagonal, with Groove, hex 2.5mm
03.20040.125	Screwdriver Shaft, hex 2.5mm, AO Coupling
03.20070.130	Reduction Forceps with Points, narrow, ratchet lock, L 130mm
03.20070.131	Reduction Forceps with Points, wide, ratchet lock, L 130mm
08.20120.000	Holding Clamp for Washers
11.20130.165	Wire Cutter for wires up to Ø 1.5mm, L 165mm
02.20110.020	Bending Iron for Kirschner Wires ø 0.8 to 1.25mm





03 Small Fragment

Cortical Screws \varnothing 2.7 mm and 3.5 mm

Compression Plates

One-third Tubular Plates

Cloverleaf Plates

Reconstruction Plates

T- and L- Plates

Quarter Tubular Plates

Locking Small Fragment

Locking Clavicle Plates

WINSTA-R Locking Distal Radius System



Cortical Screws \varnothing 2.7 mm

Stainless Steel	Titanium	Stainless Steel self-tapping	Titanium self-tapping	Screw Length
03.00527.006	03.01527.006	03.02527.006	03.03527.006	6 mm
03.00527.008	03.01527.008	03.02527.008	03.03527.008	8 mm
03.00527.010	03.01527.010	03.02527.010	03.03527.010	10 mm
03.00527.012	03.01527.012	03.02527.012	03.03527.012	12 mm
03.00527.014	03.01527.014	03.02527.014	03.03527.014	14 mm
03.00527.016	03.01527.016	03.02527.016	03.03527.016	16 mm
03.00527.018	03.01527.018	03.02527.018	03.03527.018	18 mm
03.00527.020	03.01527.020	03.02527.020	03.03527.020	20 mm
03.00527.022	03.01527.022	03.02527.022	03.03527.022	22 mm
03.00527.024	03.01527.024	03.02527.024	03.03527.024	24 mm
03.00527.026	03.01527.026	03.02527.026	03.03527.026	26 mm
03.00527.028	03.01527.028	03.02527.028	03.03527.028	28 mm
03.00527.030	03.01527.030	03.02527.030	03.03527.030	30 mm
03.00527.032	03.01527.032	03.02527.032	03.03527.032	32 mm
03.00527.034	03.01527.034	03.02527.034	03.03527.034	34 mm
03.00527.036	03.01527.036	03.02527.036	03.03527.036	36 mm
03.00527.038	03.01527.038	03.02527.038	03.03527.038	38 mm
03.00527.040	03.01527.040	03.02527.040	03.03527.040	40 mm
03.00527.042	03.01527.042	03.02527.042	03.03527.042	42 mm
03.00527.044	03.01527.044	03.02527.044	03.03527.044	44 mm
03.00527.046	03.01527.046	03.02527.046	03.03527.046	46 mm
03.00527.048	03.01527.048	03.02527.048	03.03527.048	48 mm
03.00527.050	03.01527.050	03.02527.050	03.03527.050	50 mm

Screw Diameter	2.70 mm
Core Diameter	1.90 mm
Drill bit for threaded hole	2.00 mm
Head Diameter	5.00 mm
Hexagon Socket	2.50 mm

For use as lag screw or for plate fixation for fractures of the distal wrist, forearm, distal humerus, olecranon, distal clavicle, distal fibula and forefoot procedures

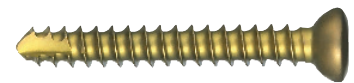


Cortical Screws \varnothing 3.5 mm

Stainless Steel	Titanium	Stainless Steel self-tapping	Titanium self-tapping	Screw Length
03.00612.010	03.01612.010	03.02612.010	03.03612.010	10 mm
03.00612.012	03.01612.012	03.02612.012	03.03612.012	12 mm
03.00612.014	03.01612.014	03.02612.014	03.03612.014	14 mm
03.00612.016	03.01612.016	03.02612.016	03.03612.016	16 mm
03.00612.018	03.01612.018	03.02612.018	03.03612.018	18 mm
03.00612.020	03.01612.020	03.02612.020	03.03612.020	20 mm
03.00612.022	03.01612.022	03.02612.022	03.03612.022	22 mm
03.00612.024	03.01612.024	03.02612.024	03.03612.024	24 mm
03.00612.026	03.01612.026	03.02612.026	03.03612.026	26 mm
03.00612.028	03.01612.028	03.02612.028	03.03612.028	28 mm
03.00612.030	03.01612.030	03.02612.030	03.03612.030	30 mm
03.00612.032	03.01612.032	03.02612.032	03.03612.032	32 mm
03.00612.034	03.01612.034	03.02612.034	03.03612.034	34 mm
03.00612.036	03.01612.036	03.02612.036	03.03612.036	36 mm
03.00612.038	03.01612.038	03.02612.038	03.03612.038	38 mm
03.00612.040	03.01612.040	03.02612.040	03.03612.040	40 mm
03.00612.042	03.01612.042	03.02612.042	03.03612.042	42 mm
03.00612.044	03.01612.044	03.02612.044	03.03612.044	44 mm
03.00612.045	03.01612.045	03.02612.045	03.03612.045	45 mm
03.00612.046	03.01612.046	03.02612.046	03.03612.046	46 mm
03.00612.048	03.01612.048	03.02612.048	03.03612.048	48 mm
03.00612.050	03.01612.050	03.02612.050	03.03612.050	50 mm
03.00612.055	03.01612.055	03.02612.055	03.03612.055	55 mm
03.00612.060	03.01612.060	03.02612.060	03.03612.060	60 mm
03.00612.065	03.01612.065	03.02612.065	03.03612.065	65 mm
03.00612.070	03.01612.070	03.02612.070	03.03612.070	70 mm
03.00612.075	03.01612.075	03.02612.075	03.03612.075	75 mm
03.00612.080	03.01612.080	03.02612.080	03.03612.080	80 mm
03.00612.085	03.01612.085	03.02612.085	03.03612.085	85 mm
03.00612.090	03.01612.090	03.02612.090	03.03612.090	90 mm
03.00612.095	03.01612.095	03.02612.095	03.03612.095	95 mm
03.00612.100	03.01612.100	03.02612.100	03.03612.100	100 mm
03.00612.105	03.01612.105	03.02612.105	03.03612.105	105 mm
03.00612.110	03.01612.110	03.02612.110	03.03612.110	110 mm

Screw Diameter	3.50 mm
Core Diameter	2.40 mm
Drill bit for threaded hole	2.50 mm
Head Diameter	6.00 mm
Hexagon Socket	2.50 mm

For use as lag screw or for plate fixation for fractures of the distal wrist, forearm, humerus shaft, distal/proximal humerus, olecranon, clavicle, distal fibula, distal/proximal tibia/tibia and mid-, rearfoot procedures



Cancellous Bone Screws Ø 4.0 mm, short thread



Stainless Steel	Titanium	Screw Length
03.00624.010	03.01624.010	10 mm
03.00624.012	03.01624.012	12 mm
03.00624.014	03.01624.014	14 mm
03.00624.016	03.01624.016	16 mm
03.00624.018	03.01624.018	18 mm
03.00624.020	03.01624.020	20 mm
03.00624.022	03.01624.022	22 mm
03.00624.024	03.01624.024	24 mm
03.00624.026	03.01624.026	26 mm
03.00624.028	03.01624.028	28 mm
03.00624.030	03.01624.030	30 mm
03.00624.032	03.01624.032	32 mm
03.00624.034	03.01624.034	34 mm
03.00624.035	03.01624.035	35 mm
03.00624.036	03.01624.036	36 mm
03.00624.038	03.01624.038	38 mm
03.00624.040	03.01624.040	40 mm
03.00624.042	03.01624.042	42 mm
03.00624.044	03.01624.044	44 mm
03.00624.045	03.01624.045	45 mm
03.00624.046	03.01624.046	46 mm
03.00624.048	03.01624.048	48 mm
03.00624.050	03.01624.050	50 mm
03.00624.055	03.01624.055	55 mm
03.00624.060	03.01624.060	60 mm

Screw Diameter	4.00 mm
Core Diameter	1.90 mm
Shaft Diameter	2.40 mm
Drill bit for threaded hole	2.50 mm
Head Diameter	6.00 mm
Hexagon Socket	2.50 mm

For use as a lag screw, for fixation of the plate in cancellous bone as a monocortical fixation and for the fixation of isolated small fragments in the joint area

Cancellous Bone Screws Ø 4.0 mm, fully threaded



Stainless Steel	Titanium	Screw Length
03.00640.010	03.01640.010	10 mm
03.00640.012	03.01640.012	12 mm
03.00640.014	03.01640.014	14 mm
03.00640.016	03.01640.016	16 mm
03.00640.018	03.01640.018	18 mm
03.00640.020	03.01640.020	20 mm
03.00640.022	03.01640.022	22 mm
03.00640.024	03.01640.024	24 mm
03.00640.026	03.01640.026	26 mm
03.00640.028	03.01640.028	28 mm
03.00640.030	03.01640.030	30 mm
03.00640.032	03.01640.032	32 mm
03.00640.034	03.01640.034	34 mm
03.00640.035	03.01640.035	35 mm
03.00640.036	03.01640.036	36 mm
03.00640.038	03.01640.038	38 mm
03.00640.040	03.01640.040	40 mm
03.00640.042	03.01640.042	42 mm
03.00640.044	03.01640.044	44 mm
03.00640.045	03.01640.045	45 mm
03.00640.046	03.01640.046	46 mm
03.00640.048	03.01640.048	48 mm
03.00640.050	03.01640.050	50 mm
03.00640.055	03.01640.055	55 mm
03.00640.060	03.01640.060	60 mm

Screw Diameter	4.00 mm
Core Diameter	1.90 mm
Shaft Diameter	2.40 mm
Drill bit for threaded hole	2.50 mm
Head Diameter	6.00 mm
Hexagon Socket	2.50 mm

For use as a lag screw, for fixation of the plate in cancellous bone as a monocortical fixation and for the fixation of isolated small fragments in the joint area

Locking Cortical Screws Ø 2.7 mm, self-tapping



Titanium	Screw Length
03.05527.012	12 mm
03.05527.014	14 mm
03.05527.016	16 mm
03.05527.018	18 mm
03.05527.020	20 mm
03.05527.022	22 mm
03.05527.024	24 mm
03.05527.026	26 mm
03.05527.028	28 mm
03.05527.030	30 mm
03.05527.032	32 mm
03.05527.034	34 mm
03.05527.036	36 mm
03.05527.038	38 mm
03.05527.040	40 mm
03.05527.045	45 mm
03.05527.050	50 mm
03.05527.055	55 mm
03.05527.060	60 mm

Screw Diameter	2.70 mm
Core Diameter	1.90 mm
Drill bit for threaded hole	2.00 mm
Head Diameter	4.75 mm
Hexagon Socket	2.50 mm

For a locking plate fixation plate fixation for fractures of the distal wrist, forearm, distal humerus, olecranon, distal clavicle, distal fibula and forefoot procedures

MLCortical Screws Ø 2.7 mm, self-tapping



Titanium	Screw Length
03.03540.010 (S)	10 mm
03.03540.012 (S)	12 mm
03.03540.014 (S)	14 mm
03.03540.016 (S)	16 mm
03.03540.018 (S)	18 mm
03.03540.020 (S)	20 mm
03.03540.022 (S)	22 mm
03.03540.024 (S)	24 mm
03.03540.026 (S)	26 mm
03.03540.028 (S)	28 mm
03.03540.030 (S)	30 mm
03.03540.032 (S)	32 mm
03.03540.034 (S)	34 mm
03.03540.036 (S)	36 mm

also available in sterile (S)

Screw Diameter	2.70 mm
Core Diameter	1.90 mm
Drill bit for threaded hole	2.00 mm
Head Diameter	4.75 mm
Hexagon Socket	2.50 mm

For locking plate fixation for fractures of the distal wrist, distal humerus, olecranon, distal clavicle, and forefoot procedures

Locking Cortical Screws Ø 3.5 mm, self-tapping



Titanium	Screw Length
03.05612.012	12 mm
03.05612.014	14 mm
03.05612.016	16 mm
03.05612.018	18 mm
03.05612.020	20 mm
03.05612.022	22 mm
03.05612.024	24 mm
03.05612.026	26 mm
03.05612.028	28 mm
03.05612.030	30 mm
03.05612.032	32 mm
03.05612.034	34 mm
03.05612.036	36 mm
03.05612.038	38 mm
03.05612.040	40 mm
03.05612.045	45 mm
03.05612.050	50 mm
03.05612.055	55 mm
03.05612.060	60 mm

Screw Diameter	3.50 mm
Core Diameter	2.40 mm
Drill bit for threaded hole	2.50 mm
Head Diameter	4.75 mm
Hexagon Socket	2.50 mm

For a locking plate fixation plate fixation for fractures of the distal wrist, forearm, humerus shaft, distal/proximal humerus, olecranon, clavicle, distal fibula, distal/proximal tibia and mid-, rearfoot procedures

Locking Buttress Pins Ø 2.0 mm



Titanium	Screw Length
10.03520.016 (S)	16 mm
10.03520.018 (S)	18 mm
10.03520.020 (S)	20 mm
10.03520.022 (S)	22 mm
10.03520.024 (S)	24 mm
10.03520.026 (S)	26 mm
10.03520.028 (S)	28 mm
10.03520.030 (S)	30 mm

also available in sterile (S)

Pin Diameter	2.00 mm
Drill bit	2.00 mm
Head Diameter	4.75 mm
Hexagon Socket	2.50 mm

For buttressing of the wrist joint line

Locking Cortical Screws Ø 3.0 mm, self-tapping

also available in sterile (S)



Titanium	Screw Length
10.03530.012 (S)	12 mm
10.03530.014 (S)	14 mm
10.03530.016 (S)	16 mm
10.03530.018 (S)	18 mm
10.03530.020 (S)	20 mm
10.03530.022 (S)	22 mm
10.03530.024 (S)	24 mm
10.03530.026 (S)	26 mm
10.03530.028 (S)	28 mm
10.03530.030 (S)	30 mm
10.03530.032 (S)	32 mm
10.03530.034 (S)	34 mm
10.03530.036 (S)	36 mm
10.03530.038 (S)	38 mm
10.03530.040 (S)	40 mm
10.03530.045 (S)	45 mm
10.03530.050 (S)	50 mm
10.03530.055 (S)	55 mm
10.03530.060 (S)	60 mm

Screw Diameter	3.00 mm
Core Diameter	1.90 mm
Drill bit for threaded hole	2.00 mm
Head Diameter	4.75 mm
Hexagon Socket	2.50 mm

For a locking plate fixation for fractures of the distal wrist and for the foot plates to treat fore-, mid- and rearfoot fractures and fusions

Washer Ø 7.0 mm, for Screws Ø 2.7 to 4.0 mm



Stainless Steel	Titanium
03.90000.070	03.91000.070

Outside Diameter	7.00 mm
Washer Thickness	0.80 mm

Compression Plates 2.7



Stainless Steel	Titanium	Holes	Plate Length	Plate Thickness
03.10082.002	03.11082.002	2	20 mm	2 mm
03.10082.004	03.11082.004	4	36 mm	2 mm
03.10082.005	03.11082.005	5	44 mm	2 mm
03.10082.006	03.11082.006	6	52 mm	2 mm
03.10082.007	03.11082.007	7	60 mm	2.5 mm
03.10082.008	03.11082.008	8	68 mm	2.5 mm
03.10082.009	03.11082.009	9	76 mm	2.5 mm
03.10082.010	03.11082.010	10	84 mm	2.5 mm
03.10082.011	03.11082.011	11	92 mm	2.5 mm
03.10082.012	03.11082.012	12	100 mm	2.5 mm

Plate Width	8.00 mm
Hole Distance	8.00 mm

As compression plate in metacarpal and metatarsus

Compression Plates 3.5



Stainless Steel	Holes	Plate Length	Plate Thickness
03.10103.002	2	26 mm	3 mm
03.10103.003	3	38 mm	3 mm
03.10103.004	4	50 mm	3 mm
03.10103.005	5	62 mm	3 mm
03.10103.006	6	74 mm	3 mm
03.10103.007	7	86 mm	3 mm
03.10103.008	8	98 mm	3 mm
03.10103.009	9	110 mm	3 mm
03.10103.010	10	122 mm	3 mm
03.10103.011	11	134 mm	3 mm
03.10103.012	12	146 mm	3 mm

Plate Width	10.00 mm
Hole Distance	12.00 mm

As an angular stable plate at forearm, distal humerus and clavicle fractures

Compression Plates 3.5, undercut



Titanium	Holes	Plate Length	Plate Thickness
03.11114.002	2	25 mm	3.5 mm
03.11114.003	3	37 mm	3.5 mm
03.11114.004	4	51 mm	3.5 mm
03.11114.005	5	64 mm	3.5 mm
03.11114.006	6	77 mm	3.5 mm
03.11114.007	7	90 mm	3.5 mm
03.11114.008	8	103 mm	3.5 mm
03.11114.009	9	116 mm	3.5 mm
03.11114.010	10	129 mm	3.5 mm
03.11114.011	11	142 mm	3.5 mm
03.11114.012	12	155 mm	3.5 mm

Plate Width	11.00 mm
Hole Distance	13.00 mm

As an angular stable plate at forearm, distal humerus and clavicle fractures

One-third Tubular Plates 3.5, with Collar



Stainless Steel	Plate Length	Titanium	Plate Length	Holes
03.10130.002	25 mm	03.11130.002	22 mm	2
03.10130.003	37 mm	03.11130.003	34 mm	3
03.10130.004	49 mm	03.11130.004	46 mm	4
03.10130.005	61 mm	03.11130.005	58 mm	5
03.10130.006	73 mm	03.11130.006	70 mm	6
03.10130.007	85 mm	03.11130.007	82 mm	7
03.10130.008	97 mm	03.11130.008	94 mm	8
03.10130.009	109 mm	03.11130.009	106 mm	9
03.10130.010	121 mm	03.11130.010	118 mm	10
03.10130.011	133 mm	03.11130.011	130 mm	11
03.10130.012	145 mm	03.11130.012	142 mm	12

Plate Thickness	1.00 mm
Plate Width	9.00 mm
Hole Distance	12.00 mm

As a tension band, neutralization or buttress plate on the lateral malleolus, distal ulna, olecranon and metatarsus

Quarter Tubular Plates 2.7

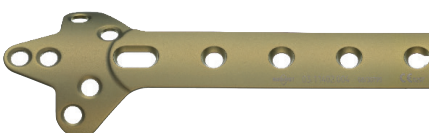


Stainless Steel	Titanium	Holes	Plate Length
03.10140.003	03.11140.003	3	23 mm
03.10140.004	03.11140.004	4	31 mm
03.10140.005	03.11140.005	5	39 mm
03.10140.006	03.11140.006	6	47 mm
03.10140.007	03.11140.007	7	55 mm
03.10140.008	03.11140.008	8	63 mm

Plate Thickness	1.00 mm
Plate Width	7.00 mm
Hole Distance	8.00 mm

As a tension band plates for fractures of the metacarpal and metatarsal bones

Cloverleaf Plates 3.5



Stainless Steel	Titanium	Holes	Plate Length
03.10402.003	03.11402.003	3	88 mm
03.10402.004	03.11402.004	4	104 mm
03.10402.005	03.11402.005	5	120 mm
03.10402.006	03.11402.006	6	136 mm
03.10402.007	03.11402.007	7	152 mm
03.10402.008	03.11402.008	8	168 mm
03.10402.009	03.11402.009	9	184 mm

Plate Thickness Titanium	2.00 mm
Plate Thickness Stainless Steel	1.20 mm
Plate Width im Shaft	15.00 mm

Fordistaltibiaandproximalhumerusfractures

Reconstruction Plates 3.5, curved



Stainless Steel	Titanium	Holes	Plate Length
06.10113.006	06.11113.006	6	70 mm
06.10113.008	06.11113.008	8	94 mm
06.10113.010	06.11113.010	10	118 mm
06.10113.012	06.11113.012	12	142 mm
06.10113.014	06.11113.014	14	166 mm
06.10113.016	06.11113.016	16	190 mm
06.10113.018	06.11113.018	18	214 mm

Plate Thickness	3.10 mm
Plate Width	10.00 mm
Hole Distance	12.00 mm

As neutralization plate or a tension band plate on the pelvis, acetabulum, distal humerus, clavicle and calcaneus

Reconstruction Plates 3.5, straight



Stainless Steel	Titanium	Holes	Plate Length
06.10103.004	06.11103.004	4	46 mm
06.10103.005	06.11103.005	5	58 mm
06.10103.006	06.11103.006	6	70 mm
06.10103.007	06.11103.007	7	82 mm
06.10103.008	06.11103.008	8	94 mm
06.10103.009	06.11103.009	9	106 mm
06.10103.010	06.11103.010	10	118 mm
06.10103.011	06.11103.011	11	130 mm
06.10103.012	06.11103.012	12	142 mm
06.10103.013	06.11103.013	13	154 mm
06.10103.014	06.11103.014	14	166 mm
06.10103.015	06.11103.015	15	178 mm
06.10103.016	06.11103.016	16	190 mm
06.10103.018	06.11103.018	18	214 mm

Plate Thickness	3.10 mm
Plate Width	10.00 mm
Hole Distance	12.00 mm

As neutralization plate or a tension band plate on the pelvis, acetabulum, distal humerus, clavicle and calcaneus

L-Plates 2.7, 2/3 holes, 90°



Stainless Steel	Titanium	Holes	Plate Length	Description
03.10090.103	03.11090.103	3/2	32 mm	left
03.10090.003	03.11090.003	3/2	32 mm	right

Plate Thickness	1.20 mm
Plate Width	7.00 mm
Hole Distance	8.00 mm

For fractures of the phalanges

L-Plates 2.7, 2/3 holes, 110°



Stainless Steel	Titanium	Holes	Plate Length	Description
03.10110.103	03.11110.103	3/2	32 mm	left
03.10110.003	03.11110.003	3/2	32 mm	right

Plate Thickness	1.20 mm
Plate Width	7.00 mm
Hole Distance	8.00 mm

For fractures of the phalanges

T-Plates 2.7, 2/3 holes



Stainless Steel	Titanium	Holes	Plate Length
03.10131.003	03.11131.003	3/2	32 mm

Plate Thickness	1.20 mm
Plate Width	7.00 mm
Hole Distance	8.00 mm

For fractures of the phalanges

PEDUS-R Calcaneal Plates



Stainless Steel	Titanium	Length
12.10241.060	12.11241.060	60 mm
12.10241.070	12.11241.070	70 mm

Plate Thickness	2.00 mm
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Calcaneal fractures

T-Plates 3.5, right-angled



Stainless Steel	Titanium	Holes Plate Head	Holes Plate Shaft	Plate Length
03.10101.003	03.11101.003	3	3	50 mm
03.10101.005	03.11101.005	3	5	72 mm
03.10101.104	03.11101.104	4	4	56 mm
03.10101.106	03.11101.106	4	6	78 mm

Plate Thickness	1.20 mm
Plate Width	10.00 mm

Usable right and left, for the distal radius

T-Plates 3.5, oblique-angled



Stainless Steel	Titanium	Holes Plate Head	Holes Plate Shaft	Plate Length
03.10102.003	03.11102.003	3	3	54 mm
03.10102.004	03.11102.004	3	4	65 mm
03.10102.005	03.11102.005	3	5	76 mm

Plate Thickness	1.50 mm
Plate Width	10.00 mm

Usable right and left, for the distal radius

Compression Plates 3.5, undercut



Titanium	Holes	Plate Length
03.15114.002	2	25 mm
03.15114.003	3	38 mm
03.15114.004	4	51 mm
03.15114.005	5	64 mm
03.15114.006	6	77 mm
03.15114.007	7	90 mm
03.15114.008	8	103 mm
03.15114.009	9	116 mm
03.15114.010	10	129 mm
03.15114.011	11	142 mm
03.15114.012	12	155 mm

Plate Thickness	3.90 mm
Plate Width	11.00 mm
Hole Distance	13.00 mm

Infractions and osteotomies and arthrodesis in the hand and foot

Locking Reconstruction Plates 3.5, straight



Titanium	Holes	Plate Length
06.15103.003	3	34 mm
06.15103.004	4	46 mm
06.15103.005	5	58 mm
06.15103.006	6	70 mm
06.15103.007	7	82 mm
06.15103.008	8	94 mm
06.15103.009	9	106 mm
06.15103.010	10	118 mm
06.15103.011	11	130 mm
06.15103.012	12	142 mm
06.15103.013	13	154 mm
06.15103.014	14	166 mm
06.15103.015	15	178 mm
06.15103.016	16	190 mm
06.15103.018	18	214 mm

Plate Thickness	3.90 mm
Plate Width	11.00 mm
Hole Distance	13.00 mm

As neutralization plate or a tension band plate on the pelvis, acetabulum, distal humerus, clavicle and calcaneus

Locking One-third Tubular Plates 3.5



Titanium	Holes	Plate Length
03.15130.003	3	40 mm
03.15130.004	4	52 mm
03.15130.005	5	64 mm
03.15130.006	6	76 mm
03.15130.007	7	88 mm
03.15130.008	8	100 mm
03.15130.009	9	112 mm
03.15130.010	10	124 mm
03.15130.012	12	148 mm

Plate Thickness	1.20 mm
Plate Width	9.00 mm

As an angular stable plate on lateral malleolus, distal ulna, olecranon and metatarsus

Locking Cloverleaf Plates 3.5



Titanium	Holes	Plate Length
03.15402.003	3	88 mm
03.15402.004	4	104 mm
03.15402.005	5	120 mm
03.15402.006	6	136 mm
03.15402.007	7	152 mm
03.15402.008	8	168 mm
03.15402.009	9	184 mm

Plate Thickness Shaft	2.00 mm
Plate Thickness Kleeblatt	1.20 mm
Hole Distance	15.20 mm

For use as a lag screw, for fixation of the plate in cancellous bone as a monocortical fixation and for the fixation of isolated small fragments in the joint area

Locking Adaption Plates



Titanium	Holes	Plate Length
03.15092.003	3	27 mm
03.15092.004	4	35 mm
03.15092.005	5	43 mm
03.15092.006	6	51 mm
03.15092.007	7	59 mm
03.15092.008	8	67 mm
03.15092.009	9	75 mm
03.15092.010	10	83 mm
03.15092.011	11	91 mm
03.15092.012	12	99 mm

Plate Thickness	1.80 mm
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Plate Width	9.50 mm
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For diaphyseal and metaphyseal fractures of small bones such as ulna and medium; distal tibia and fractures in the middle and rearfoot.

For stabilization and fixation of osteotomies and fractures of the rear- and midfoot, distal radius and ulna. On the middle and hind foot in diabetic feet. As Arthrodesenplatten for Central and hindfoot.

PEDUS-R Locking Calcaneal Plates



Titanium	Length
12.11241.160	60 mm
12.11241.170	70 mm
12.11241.180	80 mm

Plate Thickness	1.50 mm
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Calcaneal fractures

Locking Clavicle Plates



Titanium	Holes	Description
S-Shaped		
14.15100.006	6	Locking Clavicle Plate, Minimum Bend, right
14.15100.008	8	Locking Clavicle Plate, Minimum Bend, right
14.15100.106	6	Locking Clavicle Plate, Minimum Bend, left
14.15100.108	8	Locking Clavicle Plate, Minimum Bend, left
14.15101.006	6	Locking Clavicle Plate, Medium Bend, right
14.15101.008	8	Locking Clavicle Plate, Medium Bend, right
14.15101.010	10	Locking Clavicle Plate, Medium Bend, right
14.15101.106	6	Locking Clavicle Plate, Medium Bend, left
14.15101.108	8	Locking Clavicle Plate, Medium Bend, left
14.15101.110	10	Locking Clavicle Plate, Medium Bend, left
J-Shaped		
14.15100.009	9	Locking Clavicle Plate, 9 holes, right
14.15100.109	9	Locking Clavicle Plate, 9 holes, left

Plate Thickness	3.00 mm
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Plate Width	10.00 mm
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Midshaft Clavicle fractures

Locking T-Plates 3.5, right-angled



Titanium	Holes Plate Head	Holes Plate Shaft	Plate Length
03.15101.003	3	3	50 mm
03.15101.005	3	5	72 mm
03.15101.104	4	4	56 mm
03.15101.106	4	6	78 mm

Plate Thickness	1.50 mm
Plate Width	10.00 mm

Infractions and osteotomies and arthrodesis in the hand and foot

Locking T-Plates 3.5, oblique-angled



Titanium	Holes Plate Head	Holes Plate Shaft	Plate Length
03.15102.003	3	3	54 mm
03.15102.004	3	4	65 mm
03.15102.005	3	5	76 mm

Plate Thickness	1.50 mm
Plate Width	10.00 mm

Infractions and osteotomies and arthrodesis in the hand and foot

Locking T-Plates



Titanium	Holes	Length
12.15131.002	2 / 2	24 mm
12.15131.003	2 / 3	32 mm

Plate Thickness	1.50 mm
Plate Width	7.00 mm

For Fusion of the Lisfranc and Chopart joints and for fractures of distal wrist, proximal radius and distal Tibia fractures

Locking L-Plates , 90°



Titanium	Holes Plate Head	Length
right		
12.15090.002	2 / 2	24 mm
12.15090.003	2 / 3	32 mm
left		
12.15090.102	2 / 2	24 mm
12.15090.103	2 / 3	32 mm

Plate Thickness	1.50 mm
Plate Width	7.00 mm

For Fusion of the Lisfranc and Chopart joints and for fractures of distal wrist, proximal radius and distal Tibia fractures

Locking L-Plates, 110°



Titanium	Holes Plate Head	Length
right		
12.15110.003	2 / 3	34 mm
left		
12.15110.103	2 / 3	34 mm

Plate Thickness	1.50 mm
Plate Width	7.00 mm

For Fusion of the Lisfranc and Chopart joints and for fractures of distal wrist, proximal radius and distal Tibia fractures

WINSTA-R Locking Distal Radius Plates, 3-holes

also available in sterile (S)



Titanium	Shaft (Locking holes)	Description	Plate Length
10.11915.102 (S)	2-hole	right	45 mm
10.11915.104 (S)	4-hole	right	60 mm
10.11915.202 (S)	2-hole	left	45 mm
10.11915.204 (S)	4-hole	left	60 mm

Holes Head	3
Plate Thickness	1.50 mm
Plate Width Head	21.50 mm
Plate Width Shaft	9.00 mm
Hole Distance Shaft	8.00 mm

Extra-articular fractures of AO type 23-A2 and A3, Partial intra-articular fractures of AO type 23-B1 and B3, total intra-articular fractures of AO type 23-C1 to C3

WINSTA-R Locking Distal Radius Plates, 4-holes

also available in sterile (S)



Titanium	Shaft (Locking holes)	Description	Plate Length
10.11915.302 (S)	2-hole	right	45 mm
10.11915.304 (S)	4-hole	right	60 mm
10.11915.308 (S)	8-hole	right	90 mm
10.11915.402 (S)	2-hole	left	45 mm
10.11915.404 (S)	4-hole	left	60 mm
10.11915.408 (S)	8-hole	left	90 mm

Holes Head	4
Plate Thickness	1.50 mm
Plate Width Head	26.50 mm
Plate Width Shaft	9.00 mm
Hole Distance Shaft	8.00 mm

Extra-articular fractures of AO type 23-A2 and A3, Partial intra-articular fractures of AO type 23-B1 and B3, total intra-articular fractures of AO type 23-C1 to C3

WINSTA-R Locking Distal Radius Plates, 5-holes

also available in sterile (S)



Titanium	Shaft (Locking holes)	Description	Plate Length
10.11915.502 (S)	2-hole	left	45 mm
10.11915.504 (S)	4-hole	left	60 mm
10.11915.508 (S)	8-hole	left	90 mm
10.11915.602 (S)	2-hole	right	45 mm
10.11915.604 (S)	4-hole	right	60 mm
10.11915.608 (S)	8-hole	right	90 mm

Holes Head	5
Plate Thickness	1.50 mm
Plate Width Head	24.80 mm
Plate Width Shaft	9.00 mm
Hole Distance Shaft	8.00 mm

Extra-articular fractures of AO type 23-A2 and A3, Partial intra-articular fractures of AO type 23-B1 and B3, total intra-articular fractures of AO type 23-C1 to C3

WINSTA-R Locking Distal Radius Plates, 6-holes

also available in sterile (S)



Titanium	Shaft (Locking holes)	Description	Plate Length
10.11915.702 (S)	2-hole	left	45 mm
10.11915.704 (S)	4-hole	left	60 mm
10.11915.708 (S)	8-hole	left	93 mm
10.11915.802 (S)	2-hole	right	45 mm
10.11915.804 (S)	4-hole	right	60 mm
10.11915.808 (S)	8-hole	right	93 mm

Holes Head	6
Plate Thickness	1.50 mm
Plate Width Head	26.50 mm
Plate Width Shaft	9.00 mm
Hole Distance Shaft	8.00 mm

Extra-articular fractures of AO type 23-A2 and A3, Partial intra-articular fractures of AO type 23-B1 and B3, total intra-articular fractures of AO type 23-C1 to C3

WINSTA-R Locking Dist. Radius Plates, dorsal

also available in sterile (S)



Titanium	Shaft (Locking holes)	Description	Plate Length
10.11916.302 (S)	2-hole	right	45 mm
10.11916.304 (S)	4-hole	right	60 mm
10.11916.402 (S)	2-hole	left	45 mm
10.11916.404 (S)	4-hole	left	60 mm

Holes Head	5
Plate Thickness	1.80 mm
Plate Width Head	29.00 mm
Plate Width Shaft	10.00 mm
Hole Distance Shaft	8.00 mm

Extra-articular fractures of AO type 23-A2 and A3, Partial intra-articular fractures of AO type 23-B1 and B3, total intra-articular fractures of AO type 23-C1 to C3

Instruments – Small Fragment



02.20030.027 Countersink 2.7, AO Coupling, L 72 mm



02.20050.010 Handle with AO Coupling



02.20090.008 Bone Lever, narrow tip, width 8 mm, L 160 mm



02.20090.015 Bone Lever, width 15 mm, L 160 mm



02.20110.160 Wire Bending Pliers for Wires up to Ø 1.25 mm, L 160 mm



02.20120.005 Sharp Hook, L 150 mm



02.20120.015 Screw Forceps, self-holding



03.20010.025 Drill Bit Ø 2.5 mm, 2-flute, AO Coupling, L 110/85 mm



03.20010.035 Drill Bit Ø 3.5 mm, 2-flute, AO Coupling, L 110/85 mm



03.20010.120 Drill Bit ø 2.0mm, 2-flute, AO Coupling, L 165/130mm



03.20010.125 Drill Bit ø 2.5mm, 2-flute, AO Coupling, L 180/155mm



03.20010.135 Drill Bit ø 3.5mm, 2-flute, AO Coupling, L 195/170mm



03.20020.035 Tap Ø 3.5 mm, AO Coupling, L 110/80 mm



03.20020.040 Tap for Cancellous Bone Screws Ø 4.0 mm, AO Coupling, L 110/80 mm



03.20040.025 Screwdriver hexagonal, with Groove, hex 2.5 mm



03.20040.030 Screwdriver hexagonal, with Groove, ball handle, hex 2.5 mm



03.20040.026 Holding Sleeve for Screws Ø 2.7/3.5/4.0 mm



03.20040.125 Screwdriver Shaft, hex 2.5 mm, AO Coupling

Instruments – Small Fragment



03.20050.035 T-Handle with AO Coupling



03.20060.015 Drill Guide 2.0 for Locking Plates



03.20060.020 Drill Guide 2.5 for Locking Plates



03.20060.025 Double Drill Guide 3.5/2.5



03.20060.125 Drill Sleeve Insert 3.5/2.5, L 42 mm



03.20060.135 Drill Guide 3.5, neutral and load



03.20060.435 Drill Guide 3.5, neutral and load for Low Contact Plates



03.20070.131 Reduction Forceps with Points, wide, ratchet lock, L 130 mm



03.20070.132 Reduction Forceps with Points, ratchet lock, L 130 mm



03.20070.133 Reduction Forceps, toothed, ratchet lock, L 140 mm



03.20070.190 Bone Holding Forceps, self-centering, speed lock, L 190 mm

Instruments – Small Fragment



03.20080.006 Periosteal Elevator, curved blade, round edge, width 6 mm



03.20100.040 Depth Gauge for Screws, range up to 40mm



03.20100.060 Depth Gauge for Screws, range up to 60 mm



03.20100.080 Depth Gauge for Screws, range up to 80mm



03.20110.007 Bending Template for Compression Plate 3.5, 7 holes



03.20110.009 Bending Template for Compression Plate 3.5, 9 holes



03.20110.035 Bending Iron for Plates 2.7 to 3.5, right



03.20110.135 Bending Iron for Plates 2.7 to 3.5, left



03.20040.225 Torque-limiting Screwdriver 1,5 Nm, hex 2.5 mm



03.20040.325 Torque-limiting Screwdriver 1.5 Nm, short, hex 2.5 mm



10.20010.020 Drill Bit Ø 2.0 mm, 2-flute, AO Coupling, L 112/84 mm



10.20010.040 Guiding Block for 6/2; 6/4; 6/8 hole WINSTA-R PULS plate, right



10.20010.050 Guiding Block for 6/2; 6/4; 6/8 hole WINSTA-R PULS plate, left



10.20010.045 Guiding Block for 5/2; 5/4; 5/8 hole WINSTA-R PULS plate, right



10.20010.055 Guiding Block for 5/2; 5/4; 5/8 hole WINSTA-R PULS plate, left



10.20050.025 ML Drill Guide 2.0



10.20060.047 Drill Guide 2.0, calibrated



10.20060.052 WINSTA-R Guide Sleeve for Kirschner Wire Ø 1.2 mm

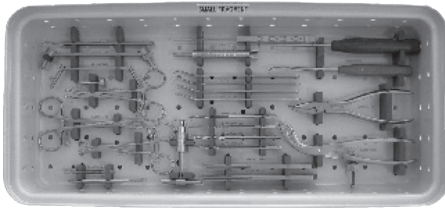


10.20100.050 Depth Gauge for Screws, range up to 50mm for REF 10.20060.047



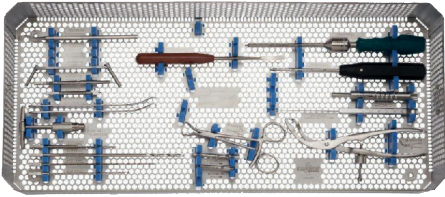
12.20060.017 Double Drill Guide 2.0/1.7

Small Fragment Instruments – Set



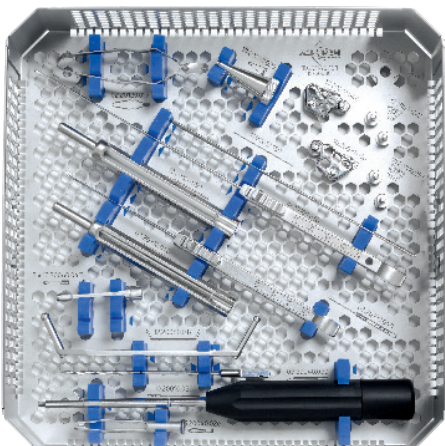
03.22130.100	Graphic Case Small Fragment, Instruments and Implants
02.20030.027	Countersink 2.7, AO Coupling, L 72 mm
02.20090.008	Bone Lever, narrow tip, width 8 mm, L 160 mm
02.20090.015	Bone Lever, width 15 mm, L 160 mm
02.20120.005	Sharp Hook, L 150 mm
02.20120.015	Screw Forceps, self-holding
02.20110.160	Wire Bending Pliers for Wires up to Ø 1.25 mm, L 160 mm
03.20010.025	Drill Bit Ø 2.5 mm, 2-flute, AO Coupling, L 110/85 mm
03.20010.035	Drill Bit Ø 3.5 mm, 2-flute, AO Coupling, L 110/85 mm
03.20020.035	Tap Ø 3.5 mm, AO Coupling, L 110/80 mm
03.20020.040	Tap for Cancellous Bone Screws Ø 4.0 mm, AO Coupling, L 110/80 mm
03.20040.025	Screwdriver hexagonal, with Groove, hex 2.5 mm
03.20041.135	Holding Sleeve for Screws Ø 3.5/4.0 mm
03.20040.125	Screwdriver Shaft, hex 2.5 mm, AO Coupling
03.20050.035	T-Handle with AO Coupling
03.20060.025	Double Drill Guide 3.5/2.5
03.20060.125	Drill Sleeve Insert 3.5/2.5, L 42 mm
03.20060.135	Drill Guide 3.5, neutral and load
03.20070.131	Reduction Forceps with Points, wide, ratchet lock, L 130 mm
03.20070.132	Reduction Forceps with Points, ratchet lock, L 130 mm
03.20070.133	Reduction Forceps, toothed, ratchet lock, L 140 mm
03.20070.190	Bone Holding Forceps, self-centering, speed lock, L 190 mm
03.20080.006	Periosteal Elevator, curved blade, round edge, width 6 mm
03.20100.060	Depth Gauge for Screws, range up to 60 mm
03.20110.007	Bending Template for Compression Plate 3.5, 7 holes
03.20110.009	Bending Template for Compression Plate 3.5, 9 holes
03.20110.035	Bending Iron for Plates 2.7 to 3.5, right
03.20110.135	Bending Iron for Plates 2.7 to 3.5, left

Locking Small Fragment Instruments – Set



03.22140.300	Graphic Case Small Fragment, Instruments and Implants - titanium locking
02.20030.027	Countersink 2.7, AO Coupling, L 72 mm
02.20060.027	Double Drill Guide 2.7/2.0
02.20090.008	Bone Lever, narrow tip, width 8 mm, L 160 mm
02.20120.005	Sharp Hook, L 150 mm
02.20120.015	Screw Forceps, self-holding
03.20010.120	Drill Bit Ø 2.0 mm, 2-flute, AO Coupling, L 165/130 mm
03.20010.125	Drill Bit Ø 2.5 mm, 2-flute, AO Coupling, L 180/155 mm
03.20010.135	Drill Bit Ø 3.5 mm, 2-flute, AO Coupling, L 195/170 mm
03.20020.040	Tap for Cancellous Bone Screws Ø 4.0 mm, AO Coupling, L 110/80 mm
03.20040.025	Screwdriver hexagonal, with Groove, hex 2.5 mm
03.20040.125	Screwdriver Shaft, hex 2.5 mm, AO Coupling
03.20040.325	Torque-limiting Screwdriver 1.5 Nm, short, hex 2.5 mm
03.20050.035	T-Handle with AO Coupling
03.20060.015	Drill Guide 2.0 for Locking Plates
03.20060.020	Drill Guide 2.5 for Locking Plates
03.20060.025	Double Drill Guide 3.5/2.5
03.20060.435	Drill Guide 3.5, neutral and load for Low Contact Plates
03.20070.132	Reduction Forceps with Points, ratchet lock, L 130 mm
03.20070.190	Bone Holding Forceps, self-centering, speed lock, L 190 mm
03.20080.006	Periosteal Elevator, curved blade, round edge, width 6 mm
03.20100.080	Depth Gauge for Screws, range up to 80 mm
03.20110.007	Bending Template for Compression Plate 3.5, 7 holes
03.20110.009	Bending Template for Compression Plate 3.5, 9 holes
06.20110.040	Bending Pliers for Reconstruction Plates 2.7 and 3.5
11.90012.150	Kirschner Wire Ø 1.2 mm, trocar tip, L 150 mm
11.90016.150	Guide Wire Ø 1.6 mm, trocar tip, L 150 mm
11.90020.150	Kirschner Wire Ø 2.0 mm, trocar tip, L 150 mm

WINSTA-R Distal Radius Plate Instruments – Set



10.22140.100	Graphic Case WINSTA-R PULS, Implants and Instruments
02.20120.015	Screw Forceps, self-holding
03.20040.026	Holding Sleeve for Screws Ø 2.7/3.5/4.0 mm
03.20040.030	Screwdriver hexagonal, with Groove, ball handle, hex 2.5 mm
03.20100.040	Depth Gauge for Screws, range up to 40 mm
10.20010.020	Drill Bit Ø 2.0 mm, 2-flute, AO Coupling, L 112/84 mm
10.20010.040	Guiding Block for 6/2; 6/4; 6/8 hole WINSTA-R PULS plate, right
10.20010.045	Guiding Block for 5/2; 5/4; 5/8 hole WINSTA-R PULS plate, right
10.20010.050	Guiding Block for 6/2; 6/4; 6/8 hole WINSTA-R PULS plate, left
10.20010.055	Guiding Block for 5/2; 5/4; 5/8 hole WINSTA-R PULS plate, left
10.20050.025	ML Drill Guide 2.0
12.20060.017	Double Drill Guide 2.0/1.7
10.20060.047	Drill Guide 2.0, calibrated
10.20100.050	Depth Gauge for Screws, range up to 50 mm for REF 10.20060.047
11.90012.150	Kirschner Wire Ø 1.2 mm, trocar tip, L 150 mm



04 Large Fragment

Cortical Screws \varnothing 4.5 mm
Cancellous Screws \varnothing 6.5 mm
Compression Plates
Semi-Tubular Plates
Reconstruction Plates
Condylar Buttress Plates
Tibia Buttress Plates
T- and L- Plates
T- and L- Buttress Plates
Locking Large Fragment



Cortical Screws \varnothing 4.5 mm

Screw Diameter	4.50 mm
Core Diameter	3.00 mm
Drill bit for threaded hole	3.20 mm
Head Diameter	8.00 mm
Hexagon Socket	3.50 mm

For use as lag screw or for plate fixation for fractures of the long bone like distal/proximal femur, proximal tibia, ankle fusion plates, humerus shaft



Stainless Steel	Titanium	Stainless Steel self-tapping	Titanium self-tapping	Screw Length
04.00845.014	04.01845.014	04.02845.014	04.03845.014	14 mm
04.00845.016	04.01845.016	04.02845.016	04.03845.016	16 mm
04.00845.018	04.01845.018	04.02845.018	04.03845.018	18 mm
04.00845.020	04.01845.020	04.02845.020	04.03845.020	20 mm
04.00845.022	04.01845.022	04.02845.022	04.03845.022	22 mm
04.00845.024	04.01845.024	04.02845.024	04.03845.024	24 mm
04.00845.026	04.01845.026	04.02845.026	04.03845.026	26 mm
04.00845.028	04.01845.028	04.02845.028	04.03845.028	28 mm
04.00845.030	04.01845.030	04.02845.030	04.03845.030	30 mm
04.00845.032	04.01845.032	04.02845.032	04.03845.032	32 mm
04.00845.034	04.01845.034	04.02845.034	04.03845.034	34 mm
04.00845.036	04.01845.036	04.02845.036	04.03845.036	36 mm
04.00845.038	04.01845.038	04.02845.038	04.03845.038	38 mm
04.00845.040	04.01845.040	04.02845.040	04.03845.040	40 mm
04.00845.042	04.01845.042	04.02845.042	04.03845.042	42 mm
04.00845.044	04.01845.044	04.02845.044	04.03845.044	44 mm
04.00845.046	04.01845.046	04.02845.046	04.03845.046	46 mm
04.00845.048	04.01845.048	04.02845.048	04.03845.048	48 mm
04.00845.050	04.01845.050	04.02845.050	04.03845.050	50 mm
04.00845.052	04.01845.052	04.02845.052	04.03845.052	52 mm
04.00845.054	04.01845.054	04.02845.054	04.03845.054	54 mm
04.00845.056	04.01845.056	04.02845.056	04.03845.056	56 mm
04.00845.058	04.01845.058	04.02845.058	04.03845.058	58 mm
04.00845.060	04.01845.060	04.02845.060	04.03845.060	60 mm
04.00845.062	04.01845.062	04.02845.062	04.03845.062	62 mm
04.00845.064	04.01845.064	04.02845.064	04.03845.064	64 mm
04.00845.066	04.01845.066	04.02845.066	04.03845.066	66 mm
04.00845.068	04.01845.068	04.02845.068	04.03845.068	68 mm
04.00845.070	04.01845.070	04.02845.070	04.03845.070	70 mm
04.00845.072	04.01845.072	04.02845.072	04.03845.072	72 mm
04.00845.074	04.01845.074	04.02845.074	04.03845.074	74 mm
04.00845.076	04.01845.076	04.02845.076	04.03845.076	76 mm
04.00845.078	04.01845.078	04.02845.078	04.03845.078	78 mm
04.00845.080	04.01845.080	04.02845.080	04.03845.080	80 mm
04.00845.085	04.01845.085	04.02845.085	04.03845.085	85 mm
04.00845.090	04.01845.090	04.02845.090	04.03845.090	90 mm
04.00845.095	04.01845.095	04.02845.095	04.03845.095	95 mm
04.00845.100	04.01845.100	04.02845.100	04.03845.100	100 mm
04.00845.105	04.01845.105	04.02845.105	04.03845.105	105 mm
04.00845.110	04.01845.110	04.02845.110	04.03845.110	110 mm
04.00845.115	04.01845.115	04.02845.115	04.03845.115	115 mm
04.00845.120	04.01845.120	04.02845.120	04.03845.120	120 mm
04.00845.125	04.01845.125	04.02845.125	04.03845.125	125 mm
04.00845.130	04.01845.130	04.02845.130	04.03845.130	130 mm
04.00845.135	04.01845.135	04.02845.135	04.03845.135	135 mm
04.00845.140	04.01845.140	04.02845.140	04.03845.140	140 mm

Cancellous Bone Screws Ø 6.5 mm, 16 mm thread



Stainless Steel	Titanium	Screw Length
04.00816.025	04.01816.025	25 mm
04.00816.030	04.01816.030	30 mm
04.00816.035	04.01816.035	35 mm
04.00816.040	04.01816.040	40 mm
04.00816.045	04.01816.045	45 mm
04.00816.050	04.01816.050	50 mm
04.00816.055	04.01816.055	55 mm
04.00816.060	04.01816.060	60 mm
04.00816.065	04.01816.065	65 mm
04.00816.070	04.01816.070	70 mm
04.00816.075	04.01816.075	75 mm
04.00816.080	04.01816.080	80 mm
04.00816.085	04.01816.085	85 mm
04.00816.090	04.01816.090	90 mm
04.00816.095	04.01816.095	95 mm
04.00816.100	04.01816.100	100 mm
04.00816.105	04.01816.105	105 mm
04.00816.110	04.01816.110	110 mm
04.00816.115	04.01816.115	115 mm
04.00816.120	04.01816.120	120 mm
04.00816.125	04.01816.125	125 mm
04.00816.130	04.01816.130	130 mm
04.00816.135	04.01816.135	135 mm
04.00816.140	04.01816.140	140 mm

Screw Diameter	6.50 mm
Core Diameter	3.00 mm
Shaft Diameter	4.50 mm
Drill bit for threaded hole	3.20 mm
Head Diameter	8.00 mm
Hexagon Socket	3.50 mm

For use as a lag screw, for fixation of the plate in cancellous bone (metaphyseal/epiphyseal) as a monocortical fixation and for the fixation of isolated small fragments in the joint area

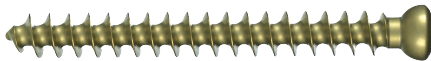
Cancellous Bone Screws Ø 6.5 mm, 32 mm thread



Stainless Steel	Titanium	Screw Length
04.00832.045	04.01832.045	45 mm
04.00832.050	04.01832.050	50 mm
04.00832.055	04.01832.055	55 mm
04.00832.060	04.01832.060	60 mm
04.00832.065	04.01832.065	65 mm
04.00832.070	04.01832.070	70 mm
04.00832.075	04.01832.075	75 mm
04.00832.080	04.01832.080	80 mm
04.00832.085	04.01832.085	85 mm
04.00832.090	04.01832.090	90 mm
04.00832.095	04.01832.095	95 mm
04.00832.100	04.01832.100	100 mm
04.00832.105	04.01832.105	105 mm
04.00832.110	04.01832.110	110 mm
04.00832.115	04.01832.115	115 mm
04.00832.120	04.01832.120	120 mm
04.00832.125	04.01832.125	125 mm
04.00832.130	04.01832.130	130 mm
04.00832.135	04.01832.135	135 mm
04.00832.140	04.01832.140	140 mm
04.00832.145	04.01832.145	145 mm
04.00832.150	04.01832.150	150 mm

Screw Diameter	6.50 mm
Core Diameter	3.00 mm
Shaft Diameter	4.50 mm
Drill bit for threaded hole	3.20 mm
Head Diameter	8.00 mm
Hexagon Socket	3.50 mm

For use as a lag screw, for fixation of the plate in cancellous bone (metaphyseal/epiphyseal) as a monocortical fixation and for the fixation of isolated small fragments in the joint area

Cancellous Bone Screws \varnothing 6.5 mm, fully threaded

Stainless Steel	Titanium	Screw Length
04.00800.020	04.01800.020	20 mm
04.00800.025	04.01800.025	25 mm
04.00800.030	04.01800.030	30 mm
04.00800.035	04.01800.035	35 mm
04.00800.040	04.01800.040	40 mm
04.00800.045	04.01800.045	45 mm
04.00800.050	04.01800.050	50 mm
04.00800.055	04.01800.055	55 mm
04.00800.060	04.01800.060	60 mm
04.00800.065	04.01800.065	65 mm
04.00800.070	04.01800.070	70 mm
04.00800.075	04.01800.075	75 mm
04.00800.080	04.01800.080	80 mm
04.00800.085	04.01800.085	85 mm
04.00800.090	04.01800.090	90 mm
04.00800.095	04.01800.095	95 mm
04.00800.100	04.01800.100	100 mm
04.00800.105	04.01800.105	105 mm
04.00800.110	04.01800.110	110 mm
04.00800.115	04.01800.115	115 mm

Screw Diameter	6.50 mm
Core Diameter	3.00 mm
Drill bit for threaded hole	3.20 mm
Head Diameter	8.00 mm
Hexagon Socket	3.50 mm

For use as a lag screw, for fixation of the plate in cancellous bone (metaphyseal/epiphyseal) as a monocortical fixation and for the fixation of isolated small fragments in the joint area

Malleolar Screw \varnothing 4.5 mm

Stainless Steel	Titanium	Screw Length
04.00830.025	04.01830.025	25 mm
04.00830.030	04.01830.030	30 mm
04.00830.035	04.01830.035	35 mm
04.00830.040	04.01830.040	40 mm
04.00830.045	04.01830.045	45 mm
04.00830.050	04.01830.050	50 mm
04.00830.055	04.01830.055	55 mm
04.00830.060	04.01830.060	60 mm
04.00830.065	04.01830.065	65 mm
04.00830.070	04.01830.070	70 mm
04.00830.075	04.01830.075	75 mm
04.00830.080	04.01830.080	80 mm
04.00830.085	04.01830.085	85 mm
04.00830.090	04.01830.090	90 mm

Screw Diameter	4.50 mm
Core Diameter	3.00 mm
Drill bit for threaded hole	3.20 mm
Shaft Diameter	3.00 mm
Head Diameter	8.00 mm
Hexagon Socket	3.50 mm

To fixate fractures of the medial or lateral malleolus

Washer \varnothing 13.0 mm, for Screws \varnothing 4.5 to 7.0 mm

Stainless Steel	Titanium
04.90000.130	04.91000.130

Outside Diameter	13.00 mm
Washer Thickness	1.50 mm

Locking Cortical Screws Ø 5.0 mm, T25, self-tapping



Titanium	Screw Length
04.05755.016	16 mm
04.05755.018	18 mm
04.05755.020	20 mm
04.05755.022	22 mm
04.05755.024	24 mm
04.05755.026	26 mm
04.05755.028	28 mm
04.05755.030	30 mm
04.05755.032	32 mm
04.05755.034	34 mm
04.05755.036	36 mm
04.05755.038	38 mm
04.05755.040	40 mm
04.05755.042	42 mm
04.05755.044	44 mm
04.05755.046	46 mm
04.05755.048	48 mm
04.05755.050	50 mm
04.05755.052	52 mm
04.05755.054	54 mm
04.05755.056	56 mm
04.05755.058	58 mm
04.05755.060	60 mm
04.05755.065	65 mm
04.05755.070	70 mm
04.05755.075	75 mm
04.05755.080	80 mm
04.05755.085	85 mm
04.05755.090	90 mm
04.05755.095	95 mm
04.05755.100	100 mm

Screw Diameter	5.00 mm
Core Diameter	4.00 mm
Drill bit for threaded hole	4.20 mm
Head Diameter	7.40 mm
Torx	T25 mm

For a locking plate fixation for fractures of the long bone like distal/proximal femur, proximal tibia, ankle fusion plates, humerus shaft.

Cortical Screws Ø 4.5 mm, T25, self-tapping



Titanium	Screw Length
04.03745.014	14 mm
04.03745.016	16 mm
04.03745.018	18 mm
04.03745.020	20 mm
04.03745.022	22 mm
04.03745.024	24 mm
04.03745.026	26 mm
04.03745.028	28 mm
04.03745.030	30 mm
04.03745.032	32 mm
04.03745.034	34 mm
04.03745.036	36 mm
04.03745.038	38 mm
04.03745.040	40 mm
04.03745.042	42 mm
04.03745.044	44 mm
04.03745.046	46 mm
04.03745.048	48 mm
04.03745.050	50 mm
04.03745.052	52 mm
04.03745.054	54 mm
04.03745.056	56 mm
04.03745.058	58 mm
04.03745.060	60 mm
04.03745.062	62 mm
04.03745.064	64 mm
04.03745.066	66 mm
04.03745.068	68 mm
04.03745.070	70 mm
04.03745.075	75 mm
04.03745.080	80 mm
04.03745.085	85 mm
04.03745.090	90 mm
04.03745.095	95 mm
04.03745.100	100 mm

Screw Diameter	4.50 mm
Core Diameter	3.00 mm
Drill bit for threaded hole	3.20 mm
Head Diameter	8.00 mm
Torx	T25 mm

For use as lag screw or for plate fixation for fractures of the long bone like distal/proximal femur, proximal tibia, ankle fusion plates, humerus shaft.

Locking Cancellous Bone Screws Ø 6.5 mm, T25, fully threaded

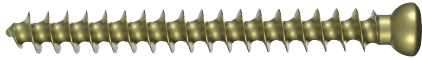


Titanium	Screw Length
04.05800.050	50 mm
04.05800.055	55 mm
04.05800.060	60 mm
04.05800.065	65 mm
04.05800.070	70 mm
04.05800.075	75 mm
04.05800.080	80 mm
04.05800.085	85 mm
04.05800.090	90 mm
04.05800.095	95 mm
04.05800.100	100 mm

Screw Diameter	6.50 mm
Core Diameter	3.00 mm
Drill bit for threaded hole	4.20 mm
Head Diameter	7.50 mm
Torx	T25 mm

For use as a lag screw, for fixation of the plate in cancellous bone (metaphyseal/epiphyseal) as a monocortical fixation and for the fixation of isolated small fragments in the joint area

Cancellous Bone Screws Ø 6.5 mm, T25, fully threaded



Titanium	Screw Length
04.03700.020	20 mm
04.03700.025	25 mm
04.03700.030	30 mm
04.03700.035	35 mm
04.03700.040	40 mm
04.03700.045	45 mm
04.03700.050	50 mm
04.03700.055	55 mm
04.03700.060	60 mm
04.03700.065	65 mm
04.03700.070	70 mm
04.03700.075	75 mm
04.03700.080	80 mm
04.03700.085	85 mm
04.03700.090	90 mm
04.03700.095	95 mm
04.03700.100	100 mm

Screw Diameter	6.50 mm
Core Diameter	3.00 mm
Drill bit for threaded hole	3.20 mm
Head Diameter	8.00 mm
Torx	T25 mm

For use as a lag screw, for fixation of the plate in cancellous bone (metaphyseal/epiphyseal) as a monocortical fixation and for the fixation of isolated small fragments in the joint area

Cancellous Bone Screws Ø 6.5 mm, T25, 16 mm thread



Titanium	Screw Length
04.03716.025	25 mm
04.03716.030	30 mm
04.03716.035	35 mm
04.03716.040	40 mm
04.03716.045	45 mm
04.03716.050	50 mm
04.03716.055	55 mm
04.03716.060	60 mm
04.03716.065	65 mm
04.03716.070	70 mm
04.03716.075	75 mm
04.03716.080	80 mm
04.03716.085	85 mm
04.03716.090	90 mm
04.03716.095	95 mm
04.03716.100	100 mm

Screw Diameter	6.50 mm
Core Diameter	3.00 mm
Shaft Diameter	4.50 mm
Drill bit for threaded hole	3.20 mm
Head Diameter	8.00 mm
Torx	T25 mm

For use as a lag screw, for fixation of the plate in cancellous bone (metaphyseal/epiphyseal) as a monocortical fixation and for the fixation of isolated small fragments in the joint area

Cancellous Bone Screws Ø 6.5 mm, T25, 32 mm thread



Titanium	Screw Length
04.03732.040	40 mm
04.03732.045	45 mm
04.03732.050	50 mm
04.03732.055	55 mm
04.03732.060	60 mm
04.03732.065	65 mm
04.03732.070	70 mm
04.03732.075	75 mm
04.03732.080	80 mm
04.03732.085	85 mm
04.03732.090	90 mm
04.03732.095	95 mm
04.03732.100	100 mm

Screw Diameter	6.50 mm
Core Diameter	3.00 mm
Shaft Diameter	4.50 mm
Drill bit for threaded hole	3.20 mm
Head Diameter	8.00 mm
Torx	T25 mm

For use as a lag screw, for fixation of the plate in cancellous bone (metaphyseal/epiphyseal) as a monocortical fixation and for the fixation of isolated small fragments in the joint area

Compression Plates 4.5, narrow



Stainless Steel	Holes	Plate Length
04.10124.002	2	39 mm
04.10124.003	3	55 mm
04.10124.004	4	71 mm
04.10124.005	5	87 mm
04.10124.006	6	103 mm
04.10124.007	7	119 mm
04.10124.008	8	135 mm
04.10124.009	9	151 mm
04.10124.010	10	167 mm
04.10124.011	11	183 mm
04.10124.012	12	199 mm
04.10124.013	13	215 mm
04.10124.014	14	231 mm
04.10124.015	15	247 mm
04.10124.016	16	263 mm
04.10124.018	18	295 mm

Plate Thickness	4.00 mm
Plate Width	12.00 mm
Hole Distance	16.00 mm

As a tension band plate on the humerus, tibial plateau and pelvis

Compression Plates 4.5, broad



Stainless Steel	Holes	Plate Length
04.10165.005	5	87 mm
04.10165.006	6	103 mm
04.10165.007	7	119 mm
04.10165.008	8	135 mm
04.10165.009	9	151 mm
04.10165.010	10	167 mm
04.10165.011	11	183 mm
04.10165.012	12	199 mm
04.10165.013	13	215 mm
04.10165.014	14	231 mm
04.10165.015	15	247 mm
04.10165.016	16	263 mm
04.10165.018	18	295 mm
04.10165.020	20	327 mm
04.10165.022	22	359 mm
04.10165.024	24	391 mm

Plate Thickness	4.80 mm
Plate Width	16.00 mm
Hole Distance	16.00 mm

As a neutralization plate or as a tension band plate on the femur

Compression Plates 4.5, narrow, undercut



Titanium	Holes	Plate Length
04.11135.002	2	39 mm
04.11135.003	3	55 mm
04.11135.004	4	71 mm
04.11135.005	5	87 mm
04.11135.006	6	103 mm
04.11135.007	7	119 mm
04.11135.008	8	135 mm
04.11135.009	9	151 mm
04.11135.010	10	167 mm
04.11135.011	11	183 mm
04.11135.012	12	199 mm
04.11135.013	13	215 mm
04.11135.014	14	231 mm
04.11135.015	15	247 mm
04.11135.016	16	263 mm

Plate Thickness	4.00 mm
Plate Width	12.00 mm
Hole Distance	16.00 mm

As a tension band plate on the humerus, tibial plateau and pelvis

Compression Plates 4.5, broad, undercut



Titanium	Holes	Plate Length
04.11170.006	6	103 mm
04.11170.007	7	119 mm
04.11170.008	8	135 mm
04.11170.009	9	151 mm
04.11170.010	10	167 mm
04.11170.011	11	183 mm
04.11170.012	12	199 mm
04.11170.013	13	215 mm
04.11170.014	14	231 mm
04.11170.015	15	247 mm
04.11170.016	16	263 mm
04.11170.018	18	295 mm

Plate Thickness	4.00 mm
Plate Width	16.00 mm
Hole Distance	16.00 mm

As a neutralization plate or as a tension band plate on the femur

Semi-Tubular Plates 4.5



Stainless Steel	Titanium	Holes	Plate Length
04.10120.002	04.11120.002	2	39 mm
04.10120.003	04.11120.003	3	55 mm
04.10120.004	04.11120.004	4	71 mm
04.10120.005	04.11120.005	5	87 mm
04.10120.006	04.11120.006	6	103 mm
04.10120.007	04.11120.007	7	119 mm
04.10120.008	04.11120.008	8	135 mm
04.10120.009	04.11120.009	9	151 mm
04.10120.010	04.11120.010	10	167 mm
04.10120.011	04.11120.011	11	183 mm
04.10120.012	04.11120.012	12	199 mm

Plate Thickness Stainless Steel	1.00 mm
Plate Thickness Titanium	1.50 mm
Plate Width	12.00 mm
Hole Distance	16.00 mm

As a tension band plate on the humerus, tibial plateau and pelvis

Reconstruction Plates 4.5, straight



Stainless Steel	Titanium	Holes	Plate Length
06.10123.003	06.11123.003	3	45 mm
06.10123.004	06.11123.004	4	61 mm
06.10123.005	06.11123.005	5	77 mm
06.10123.006	06.11123.006	6	93 mm
06.10123.007	06.11123.007	7	109 mm
06.10123.008	06.11123.008	8	125 mm
06.10123.009	06.11123.009	9	141 mm
06.10123.010	06.11123.010	10	157 mm
06.10123.011	06.11123.011	11	173 mm
06.10123.012	06.11123.012	12	189 mm
06.10123.013	06.11123.013	13	205 mm
06.10123.014	06.11123.014	14	221 mm
06.10123.015	06.11123.015	15	237 mm
06.10123.016	06.11123.016	16	253 mm

Plate Thickness	2.80 mm
Plate Width	12.00 mm
Hole Distance	16.00 mm

For the fixation of pelvic fractures

Condylar Buttress Plates 4.5



Stainless Steel	Holes	Plate Length	Description
04.10161.007	7	154 mm	left
04.10161.009	9	186 mm	left
04.10161.011	11	218 mm	left
04.10160.007	7	154 mm	right
04.10160.009	9	186 mm	right
04.10160.011	11	218 mm	right

Plate Thickness Head	2.40 mm
Plate Thickness Shaft	5.00 mm
Plate Width Head	48.00 mm
Plate Width Shaft	16.00 mm
Hole Distance	16.00 mm

Intra- and extra articular fractures 33-B and C; supracondylar fractures; Non-Union; Periosteal fractures; Corrections of the distal Femur; Distal diaphyseal fracture of the femur

Lateral Tibia Buttress Plates 4.5



Stainless Steel	Holes	Plate Length	Description
04.10141.005	5	118 mm	left
04.10141.007	7	150 mm	left
04.10141.009	9	182 mm	left
04.10141.011	11	214 mm	left
04.10141.013	13	246 mm	left
04.10140.005	5	118 mm	right
04.10140.007	7	150 mm	right
04.10140.009	9	182 mm	right
04.10140.011	11	214 mm	right
04.10140.013	13	246 mm	right

Plate Thickness Head	2.00 mm
Plate Thickness Shaft	4.00 mm
Plate Width	14.00 mm
Hole Distance	16.00 mm

Intra- and extra articular fractures 41-B and C, Non-Union, Correction of a malunion, Distal diaphyseal fracture of the tibia

T-Plates 4.5



Stainless Steel	Titanium	Holes	Plate Length
04.10171.003	04.11171.003	3	68 mm
04.10171.004	04.11171.004	4	84 mm
04.10171.005	04.11171.005	5	100 mm
04.10171.006	04.11171.006	6	116 mm
04.10171.007	04.11171.007	7	132 mm
04.10171.008	04.11171.008	8	148 mm
04.10171.009	04.11171.009	9	164 mm
04.10171.010	04.11171.010	10	180 mm
04.10171.011	04.11171.011	11	196 mm
04.10171.012	04.11171.012	12	212 mm

Plate Thickness	2.00 mm
Plate Width Head	34.00 mm
Plate Width Shaft	17.00 mm
Hole Distance	16.00 mm

As a buttress plate on the proximal humerus and medial tibial plateau

T-Buttress Plates 4.5



Stainless Steel	Titanium	Holes	Plate Length
04.10172.004	04.11172.004	4	82 mm
04.10172.005	04.11172.005	5	98 mm
04.10172.006	04.11172.006	6	114 mm
04.10172.007	04.11172.007	7	130 mm
04.10172.008	04.11172.008	8	146 mm
04.10172.009	04.11172.009	9	162 mm
04.10172.010	04.11172.010	10	178 mm

Plate Thickness	2.00 mm
Plate Width Head	34.00 mm
Plate Width Shaft	17.00 mm
Hole Distance	16.00 mm

As a buttress plate on the proximal humerus and medial tibial plateau

L-Buttress Plates 4.5



Stainless Steel	Titanium	Holes	Plate Length	Description
04.10173.003	04.11173.003	3	72 mm	right leg
04.10173.004	04.11173.004	4	88 mm	right leg
04.10173.005	04.11173.005	5	104 mm	right leg
04.10173.006	04.11173.006	6	120 mm	right leg
04.10173.007	04.11173.007	7	136 mm	right leg
04.10173.008	04.11173.008	8	152 mm	right leg
04.10173.009	04.11173.009	9	168 mm	right leg
04.10173.011	04.11173.011	11	200 mm	right leg
04.10174.003	04.11174.003	3	72 mm	left leg
04.10174.004	04.11174.004	4	88 mm	left leg
04.10174.005	04.11174.005	5	104 mm	left leg
04.10174.006	04.11174.006	6	120 mm	left leg
04.10174.007	04.11174.007	7	136 mm	left leg
04.10174.008	04.11173.008	8	152 mm	left leg
04.10174.009	04.11174.009	9	168 mm	left leg
04.10174.011	04.11174.011	11	200 mm	left leg

Plate Thickness	2.00 mm
Plate Width Head	34.00 mm
Plate Width Shaft	17.00 mm
Hole Distance	16.00 mm

As a buttress plate on the proximal humerus and medial tibial plateau

Locking Proximal Tibia Plates 4.5/5.0



Titanium	Holes	Plate Length	Description
04.15310.005	5	140 mm	right
04.15310.007	7	180 mm	right
04.15310.009	9	220 mm	right
04.15310.011	11	260 mm	right
04.15310.013	13	300 mm	right
04.15311.005	5	140 mm	left
04.15311.007	7	180 mm	left
04.15311.009	9	220 mm	left
04.15311.011	11	260 mm	left
04.15311.013	13	300 mm	left

Plate Thickness Head	3.60 mm
Plate Thickness Shaft	5.00 mm
Plate Width	16.00 mm
Hole Distance	20.00 mm

Intra- and extra articular fractures 41-B and C, Non-Union, Correction of a malunion, Distal diaphyseal fracture of the tibia

Locking Distal Femoral Plates 4.5/5.0



Titanium	Holes	Plate Length	Description
04.15320.005	5	165 mm	right
04.15320.007	7	205 mm	right
04.15320.009	9	245 mm	right
04.15320.011	11	285 mm	right
04.15320.013	13	324 mm	right
04.15321.005	5	165 mm	left
04.15321.007	7	205 mm	left
04.15321.009	9	245 mm	left
04.15321.011	11	285 mm	left
04.15321.013	13	324 mm	left

Plate Thickness Head	4.70 mm
Plate Thickness Shaft	5.70 mm
Plate Width	16.00 mm
Hole Distance	20.00 mm

Intra- and extra articular fractures 33-B and C; supracondylar fractures; Non-Union; Periosteal fractures; Corrections of the distal femur; Distal diaphyseal fracture of the femur

Locking Compression Plates 4.5/5.0, narrow, undercut



Titanium	Holes	Plate Length
04.15135.002	2	34 mm
04.15135.003	3	52 mm
04.15135.004	4	70 mm
04.15135.005	5	88 mm
04.15135.006	6	106 mm
04.15135.007	7	124 mm
04.15135.008	8	142 mm
04.15135.009	9	160 mm
04.15135.010	10	178 mm
04.15135.011	11	196 mm
04.15135.012	12	214 mm
04.15135.013	13	232 mm
04.15135.014	14	250 mm
04.15135.016	16	286 mm

Plate Thickness	4.40 mm
Plate Width	14.00 mm
Hole Distance	18.00 mm

As a tension band plate on the humerus, tibial plateau and pelvis

Locking Compression Plates 4.5/5.0, broad, undercut



Titanium	Holes	Plate Length
04.15170.006	6	106 mm
04.15170.007	7	124 mm
04.15170.008	8	142 mm
04.15170.009	9	160 mm
04.15170.010	10	178 mm
04.15170.011	11	196 mm
04.15170.012	12	214 mm
04.15170.013	13	232 mm
04.15170.014	14	250 mm
04.15170.015	15	268 mm
04.15170.016	16	286 mm
04.15170.017	17	304 mm
04.15170.018	18	322 mm

Plate Thickness	5.20 mm
Plate Width	17.50 mm
Hole Distance	18.00 mm

As a neutralization plate or as a tension band plate on the femur

Locking T-Plates 4.5/5.0



Titanium	Holes	Plate Length
04.15171.003	3	68 mm
04.15171.004	4	84 mm
04.15171.005	5	100 mm
04.15171.006	6	116 mm
04.15171.007	7	132 mm
04.15171.008	8	148 mm
04.15171.010	10	180 mm
04.15171.012	12	212 mm

Plate Thickness	2.50 mm
Plate Width Head	36.00 mm
Plate Width Shaft	17.30 mm
Hole Distance	16.00 mm

As a buttress plate on the proximal humerus and medial tibial plateau

Locking T-Buttress Plates 4.5/5.0



Titanium	Holes	Plate Length
04.15172.004	4	81 mm
04.15172.005	5	97 mm
04.15172.006	6	113 mm
04.15172.008	8	145 mm
04.15172.010	10	177 mm

Plate Thickness	2.50 mm
Plate Width Head	37.00 mm
Plate Width Shaft	17.30 mm
Hole Distance	16.00 mm

As a buttress plate on the proximal humerus and medial tibial plateau

Locking L-Buttress Plates 4.5/5.0



Titanium	Holes	Plate Length	Description
04.15173.003	3	70 mm	right leg
04.15173.004	4	86 mm	right leg
04.15173.005	5	102 mm	right leg
04.15173.006	6	118 mm	right leg
04.15173.008	8	150 mm	right leg
04.15174.003	3	70 mm	left leg
04.15174.004	4	86 mm	left leg
04.15174.005	5	102 mm	left leg
04.15174.006	6	118 mm	left leg
04.15174.008	8	150 mm	left leg

Plate Thickness	2.50 mm
Plate Width Head	35.00 mm
Plate Width Shaft	16.40 mm
Hole Distance	16.00 mm

As a buttress plate on the proximal humerus and medial tibial plateau

Instruments – Large Fragment



04.20010.010 Guiding Block for Locking Proximal Tibia Plate, left



04.20010.015 Coupling Screw for REF 04.20010.010 / 020 / 030 / 040



04.20010.020 Guiding Block for Locking Proximal Tibia Plate, right



04.20010.030 Guiding Block for Locking Distal Femoral Plate, left



04.20010.032 Drill Bit Ø 3.2 mm, 2-flute, AO Coupling, L 145/115 mm



04.20010.040 Guiding Block for Locking Distal Femoral Plate, right



04.20010.045 Drill Bit Ø 4.5 mm, 2-flute, AO Coupling, L 145/115 mm



04.20010.132 Drill Bit ø 3.2mm, 2-flute, AO Coupling, L 195/165mm



04.20010.145 Drill Bit ø 4.5mm, 2-flute, AO Coupling, L 195/165mm

Instruments – Large Fragment



04.20010.832 Drill Bit ø 3.2mm, 2-flute, AO Coupling, L 225/200mm



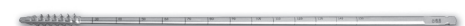
04.20010.842 Drill Bit ø 4.2mm, 2-flute, calibrated, AO Coupling, L 225/200mm



04.20020.045 Tap ø 4.5 mm, AO Coupling, L 125/95 mm



04.20020.145 Tap ø 4.5mm, calibrated, AO Coupling, L 175/50mm



04.20020.065 Tap for Cancellous Bone Screws Ø 6.5 mm, calibrated, AO Coupling, L 200/30 mm



04.20030.045 Countersink for Cortical Screws Ø 4.5 mm , T-Handle, L 180 mm



04.20040.035 Screwdriver hexagonal, with Groove, hex 3.5 mm



04.20040.040 Screwdriver, T25



04.20040.055 Screwdriver Shaft, T25, AO Coupling



04.20040.060 Torque-limiting Screwdriver 4.5 Nm, T25



04.20040.099 Combination Wrench Ø 11 mm



04.20040.135 Screwdriver Shaft, hexagonal, hex 3.5 mm, AO Coupling



04.20041.045 Holding Sleeve for Screws Ø 4.5 to 7.3 mm, Head Diameter 8.0 mm



03.20050.035 T-Handle with AO Coupling

Instruments – Large Fragment



04.20060.045 Double Drill Guide 4.5/3.2



04.20060.065 Double Drill Guide 6.5/3.2



04.20060.080 Drill Guide ø 4.2 for Locking Plates



04.20060.085 Centering Sleeve for Guide Wire ø 2.0mm



04.20060.090 Drill Guide ø 3.2 for Locking Plates



04.20060.145 Drill Sleeve Insert 4.5/3.2, L 80 mm



04.20060.245 Drill Guide 4.5/3.2, for neutral and load position



04.20060.345 Universal Drill Guide 4.5/3.2, for neutral and load position



04.20060.545 Drill Guide 4.5/3.2, for neutral and load position for combined hole

Instruments – Large Fragment



04.20100.098 Adaption Screw for Tension Device



04.20100.099 Tension Device, articulated, span 20 mm



04.20100.110 Depth Gauge for Screws, range up to 110 mm



04.20100.210 Depth Gauge for Screws, range up to 110mm



04.20110.007 Bending Template for Compression Plate 4.5, 7 holes



04.20110.009 Bending Template for Compression Plate 4.5, 9 holes



04.20110.012 Bending Template for Compression Plate 4.5, 12 holes



02.20120.005 Sharp Hook, L 150 mm

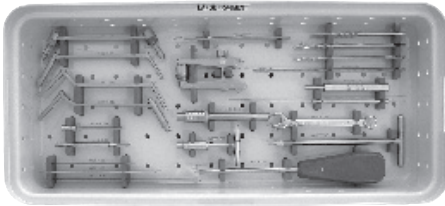


04.20120.032 Trokar ø 3.2mm



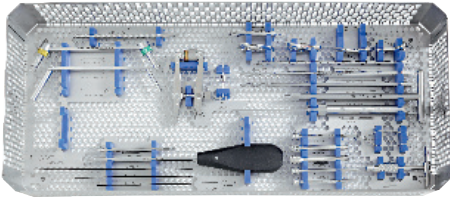
04.20120.042 Trokar ø 4.2mm

Large Fragment Instruments - Set



04.22130.100	Graphic Case Large Fragment, Instruments and Implants
04.22130.004	Graphic Case Large Fragment, Screws
04.20010.032	Drill Bit Ø 3.2 mm, 2-flute, AO Coupling, L 145/115 mm
04.20010.045	Drill Bit Ø 4.5 mm, 2-flute, AO Coupling, L 145/115 mm
04.20020.045	Tap Ø 4.5 mm, AO Coupling, L 125/95 mm
04.20020.065	Tap for Cancellous Bone Screws Ø 6.5 mm, calibrated, AO Coupling, L 200/30 mm
04.20030.045	Countersink for Cortical Screws Ø 4.5 mm, T-Handle, L 180 mm
04.20040.035	Screwdriver hexagonal, with Groove, hex 3.5 mm
04.20040.099	Combination Wrench Ø 11 mm
04.20040.135	Screwdriver Shaft, hexagonal, hex 3.5 mm, AO Coupling
04.20041.045	Holding Sleeve for Screws Ø 4.5 to 7.3 mm, Head Diameter 8.0 mm
03.20050.035	T-Handle with AO Coupling
04.20060.045	Double Drill Guide 4.5/3.2
04.20060.065	Double Drill Guide 6.5/3.2
04.20060.145	Drill Sleeve Insert 4.5/3.2, L 80 mm
04.20060.245	Drill Guide 4.5/3.2, for neutral and load position
02.20120.005	Sharp Hook, L 150 mm
04.20100.099	Tension Device, articulated, span 20 mm
04.20100.110	Depth Gauge for Screws, range up to 110 mm
04.20110.007	Bending Template for Compression Plate 4.5, 7 holes
04.20110.009	Bending Template for Compression Plate 4.5, 9 holes
04.20110.012	Bending Template for Compression Plate 4.5, 12 holes
04.20060.345	Universal Drill Guide 4.5/3.2, for neutral and load position

Locking Large Fragment Instruments – Set



04.22140.300	Graphic Case Large Fragment, Instruments and Implants - titanium locking
04.22140.350	Graphic Case Large Fragment, Screws - titanium locking
02.20120.005	Sharp Hook, L 150 mm
03.20050.035	T-Handle with AO Coupling
04.20010.010	Guiding Block for Locking Proximal Tibia Plate, left
04.20010.015	Coupling Screw for REF 04.20010.010 / 020 / 030 / 040
04.20010.020	Guiding Block for Locking Proximal Tibia Plate, right
04.20010.030	Guiding Block for Locking Distal Femoral Plate, left
04.20010.040	Guiding Block for Locking Distal Femoral Plate, right
04.20010.832	Drill Bit Ø 3.2 mm, 2-flute, AO Coupling, L 225/200 mm
04.20010.842	Drill Bit Ø 4.2 mm, 2-flute, calibrated, AO Coupling, L 225/200 mm
04.20020.065	Tap for Cancellous Bone Screws Ø 6.5 mm, calibrated, AO Coupling, L 200/30 mm
04.20030.045	Countersink for Cortical Screws Ø 4.5 mm , T-Handle, L 180 mm
04.20040.040	Screwdriver, T25
04.20040.055	Screwdriver Shaft, T25, AO Coupling
04.20040.099	Combination Wrench Ø 11 mm
04.20060.065	Double Drill Guide 6.5/3.2
04.20060.080	Drill Guide Ø 4.2 for Locking Plates
04.20060.085	Centering Sleeve for Guide Wire Ø 2.0 mm
04.20060.090	Drill Guide Ø 3.2 for Locking Plates
04.20060.545	Drill Guide 4.5/3.2, for neutral and load position for combined hole
04.20100.098	Adaption Screw for Tension Device
04.20100.099	Tension Device, articulated, span 20 mm
04.20110.007	Bending Template for Compression Plate 4.5, 7 holes
04.20110.009	Bending Template for Compression Plate 4.5, 9 holes
04.20110.012	Bending Template for Compression Plate 4.5, 12 holes
04.20120.032	Trokar Ø 3.2 mm
04.20120.042	Trokar Ø 4.2 mm
11.90220.150	Kirschner Wire Ø 2.0 mm, threaded tip, L 150 mm
11.90220.200	Kirschner Wire Ø 2.0 mm, threaded tip, L 200 mm



05 Angled Blade Plates

Condylar Plates
Angled Blade Plates
Hip Plates

Condylar Plates 95°



Stainless Steel	Holes	Blade Length	Shaft Length
05.10050.005	5	50 mm	90 mm
05.10060.005	5	60 mm	90 mm
05.10070.005	5	70 mm	90 mm
05.10080.005	5	80 mm	90 mm
05.10050.007	7	50 mm	122 mm
05.10060.007	7	60 mm	122 mm
05.10070.007	7	70 mm	122 mm
05.10080.007	7	80 mm	122 mm
05.10050.009	9	50 mm	154 mm
05.10060.009	9	60 mm	154 mm
05.10070.009	9	70 mm	154 mm
05.10080.009	9	80 mm	154 mm
05.10050.012	12	50 mm	202 mm
05.10060.012	12	60 mm	202 mm
05.10070.012	12	70 mm	202 mm
05.10080.012	12	80 mm	202 mm
05.10050.014	14	50 mm	234 mm
05.10060.014	14	60 mm	234 mm
05.10070.014	14	70 mm	234 mm
05.10080.014	14	80 mm	234 mm
05.10050.016	16	50 mm	266 mm
05.10060.016	16	60 mm	266 mm
05.10070.016	16	70 mm	266 mm
05.10080.016	16	80 mm	266 mm
05.10050.018	18	50 mm	298 mm
05.10060.018	18	60 mm	298 mm
05.10070.018	18	70 mm	298 mm
05.10080.018	18	80 mm	298 mm

Plate Thickness	5.60 mm
Core Diameter	3.00 mm
Blade-Profile	6.50 x 16.00 mm
Hole Distance	16.00 mm

For condylar and trochanteric fractures of the femur

Angled Blade Plates 130°



Stainless Steel	Holes	Blade Length	Shaft Length
05.10150.004	4	50 mm	72 mm
05.10160.004	4	60 mm	72 mm
05.10170.004	4	70 mm	72 mm
05.10175.004	4	75 mm	72 mm
05.10180.004	4	80 mm	72 mm
05.10185.004	4	85 mm	72 mm
05.10190.004	4	90 mm	72 mm
05.10195.004	4	95 mm	72 mm
05.10200.004	4	100 mm	72 mm
05.10205.004	4	105 mm	72 mm
05.10210.004	4	110 mm	72 mm
05.10150.006	6	50 mm	104 mm
05.10160.006	6	60 mm	104 mm
05.10170.006	6	70 mm	104 mm
05.10180.006	6	80 mm	104 mm
05.10190.006	6	90 mm	104 mm
05.10170.009	9	70 mm	152 mm
05.10180.009	9	80 mm	152 mm
05.10190.009	9	90 mm	152 mm
05.10170.012	12	70 mm	200 mm
05.10180.012	12	80 mm	200 mm
05.10190.012	12	90 mm	200 mm

Plate Thickness	5.60 mm
Core Diameter	3.00 mm
Blade-Profile	6.50 x 16.00 mm
Hole Distance	16.00 mm

For femoral neck and pertrochanteric fractures

Hip Plates 4-holes 90° and 100°



Stainless Steel	Angle	Displacement	Blade Length
05.10040.104	90°	10 mm	40 mm
05.10050.104	90°	10 mm	50 mm
05.10055.104	90°	10 mm	55 mm
05.10060.104	90°	10 mm	60 mm
05.10065.104	90°	10 mm	65 mm
05.10070.104	90°	10 mm	70 mm
05.10080.104	90°	10 mm	80 mm
05.10040.154	90°	15 mm	40 mm
05.10050.154	90°	15 mm	50 mm
05.10055.154	90°	15 mm	55 mm
05.10060.154	90°	15 mm	60 mm
05.10065.154	90°	15 mm	65 mm
05.10070.154	90°	15 mm	70 mm
05.10050.204	90°	20 mm	50 mm
05.10060.204	90°	20 mm	60 mm
05.10070.204	90°	20 mm	70 mm
05.10050.114	100°	10 mm	50 mm
05.10060.114	100°	10 mm	60 mm
05.10070.114	100°	10 mm	70 mm

Plate Thickness	5.60 mm
Plate Width	16.00 mm
Blade-Profile	6.50 x 16.00 mm
Hole Distance	16.00 mm
Shaft Length	70.00 mm

For Osteotomies and fracture treatment of the proximal femur in adults

Hip Plates 4-holes 110°, 120° and 130°



Stainless Steel	Angle	Blade Length
05.10065.114	110°	65 mm
05.10075.114	110°	75 mm
05.10085.114	110°	85 mm
05.10065.124	120°	65 mm
05.10075.124	120°	75 mm
05.10085.124	120°	85 mm
05.10065.134	130°	65 mm
05.10070.134	130°	70 mm
05.10075.134	130°	75 mm
05.10080.134	130°	80 mm
05.10085.134	130°	85 mm
05.10090.134	130°	90 mm
05.10095.134	130°	95 mm
05.10100.134	130°	100 mm
05.10105.134	130°	105 mm
05.10110.134	130°	110 mm

Plate Thickness	5.60 mm
Plate Width	16.00 mm
Blade-Profile	6.50 x 16.00 mm
Hole Distance	16.00 mm
Shaft Length	65.00 mm

For Osteotomies and fracture treatment of the proximal femur in adults

Child Hip Plates 90°, T-profile



Stainless Steel	Holes	Blade Length	Displacement
05.10025.073	3	25 mm	7 mm
05.10032.073	3	32 mm	7 mm
05.10025.123	3	25 mm	12 mm
05.10032.123	3	32 mm	12 mm

Plate Thickness	2.00 mm
Plate Width	11.00 mm
Blade-Profile	2.00 x 8.00 mm
Hole Distance	10.00 mm

Osteotomy of the proximal femur in children

Child Hip Plates 80°,90°,100°, T-profile



Stainless Steel	Angle	Blade Length	Displacement
05.10035.283	80°	35 mm	8 mm
05.10045.284	80°	45 mm	8 mm
05.10035.083	90°	35 mm	8 mm
05.10045.084	90°	45 mm	8 mm
05.10035.183	100°	35 mm	8 mm
05.10045.184	100°	45 mm	8 mm

Plate Thickness	3.50 mm
Plate Width	11.00 mm
Blade-Profile	4.50 x 11.00 mm
Hole Distance	16.00 mm

Osteotomy of the proximal femur in children



06 Pelvis

Reconstruction Plates

Reconstruction Plates 3.5, straight



Stainless Steel	Titanium	Holes	Plate Length
06.10103.003	06.11103.003	3	34 mm
06.10103.004	06.11103.004	4	46 mm
06.10103.005	06.11103.005	5	58 mm
06.10103.006	06.11103.006	6	70 mm
06.10103.007	06.11103.007	7	82 mm
06.10103.008	06.11103.008	8	94 mm
06.10103.009	06.11103.009	9	106 mm
06.10103.010	06.11103.010	10	118 mm
06.10103.011	06.11103.011	11	130 mm
06.10103.012	06.11103.012	12	142 mm
06.10103.013	06.11103.013	13	154 mm
06.10103.014	06.11103.014	14	166 mm
06.10103.015	06.11103.015	15	178 mm
06.10103.016	06.11103.016	16	190 mm
06.10103.018	06.11103.018	18	214 mm

Plate Thickness	3.10 mm
Plate Width	10.00 mm
Hole Distance	12.00 mm

As neutralization plate or a tension band plate on the pelvis, acetabulum, distal humerus, clavicle and calcaneus

Reconstruction Plates 3.5, curved



Stainless Steel	Titanium	Holes	Plate Length
06.10113.006	06.11113.006	6	70 mm
06.10113.008	06.11113.008	8	94 mm
06.10113.010	06.11113.010	10	118 mm
06.10113.012	06.11113.012	12	142 mm
06.10113.014	06.11113.014	14	166 mm
06.10113.016	06.11113.016	16	190 mm
06.10113.018	06.11113.018	18	214 mm

Plate Thickness	3.10 mm
Plate Width	10.00 mm
Hole Distance	12.00 mm

As neutralization plate or a tension band plate on the pelvis, acetabulum, distal humerus, clavicle and calcaneus

Reconstruction Plates 4.5, straight



Stainless Steel	Titanium	Holes	Plate Length
06.10123.003	06.11123.003	3	45 mm
06.10123.004	06.11123.004	4	61 mm
06.10123.005	06.11123.005	5	77 mm
06.10123.006	06.11123.006	6	93 mm
06.10123.007	06.11123.007	7	109 mm
06.10123.008	06.11123.008	8	125 mm
06.10123.009	06.11123.009	9	141 mm
06.10123.010	06.11123.010	10	157 mm
06.10123.011	06.11123.011	11	173 mm
06.10123.012	06.11123.012	12	189 mm
06.10123.013	06.11123.013	13	205 mm
06.10123.014	06.11123.014	14	221 mm
06.10123.015	06.11123.015	15	237 mm
06.10123.016	06.11123.016	16	253 mm

Plate Thickness	2.80 mm
Plate Width	12.00 mm
Hole Distance	16.00 mm

For the fixation of pelvic fractures

Instruments – Pelvis



03.20010.135 Drill Bit ø 3.5mm, 2-flute, AO Coupling, L 195/170mm



04.20010.145 Drill Bit ø 4.5mm, 2-flute, AO Coupling, L 195/165mm



06.20010.025 Drill Bit Ø 2.5 mm, 3-flute, AO Coupling, L 230/200 mm



06.20010.032 Drill Bit Ø 3.2 mm, 3-flute, AO Coupling, L 230/200 mm



06.20010.045 Drill Bit Ø 4.5 mm, 3-flute, AO Coupling, L 195/165 mm



03.20020.135 Tap Ø 3.5 mm, AO Coupling, calibrated, L 175/145 mm



03.20020.145 Tap Ø 4.5 mm, calibrated, AO Coupling, L 175/50 mm



06.20040.025 Screwdriver hexagonal, with Groove, hex 2.5 mm, L 270 mm



06.20040.035 Screwdriver hexagonal, with Groove, hex 3.5 mm, L 300 mm



06.20040.125 Screwdriver Shaft, with Groove, hex 2.5 mm, AO Coupling



06.20040.135 Screwdriver Shaft, hexagonal, with Groove, hex 3.5 mm, AO Coupling



03.20041.135 Holding Sleeve for Screws Ø 3.5/4.0 mm

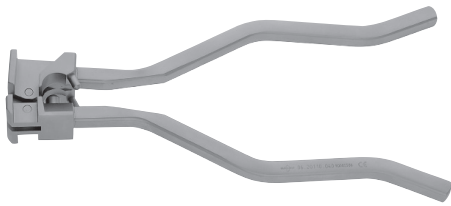


04.20041.045 Holding Sleeve for Screws Ø 4.5 to 7.3 mm, Head Diameter 8.0 mm



06.20100.120 Depth Gauge for Screws, range up to 120 mm

Instruments – Pelvis



06.20110.040 Bending Pliers for Reconstruction Plates 2.7 and 3.5



06.20110.034 Bending Iron for Reconstruction Plates 3.5 and 4.5



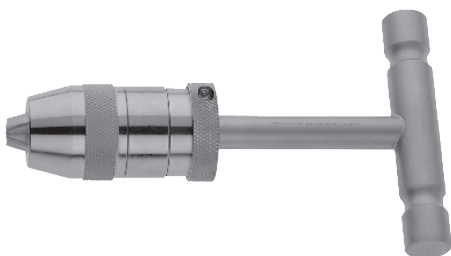
06.20110.035 Bending Template for Straight Reconstruction Plates 3.5



06.20110.135 Bending Template for Curved Reconstruction Plates 3.5



06.20110.045 Bending Template for Straight Reconstruction Plates 4.5



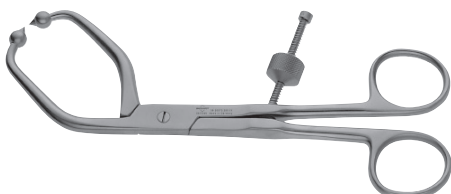
06.20050.045 Universal Chuck, T-Handle, cannulated



06.20070.190 Pelvic Reduction Forceps, small, L 190 mm

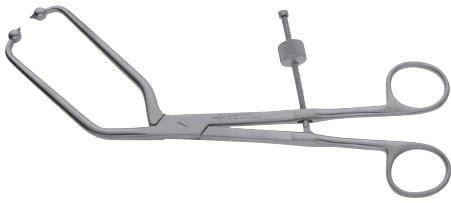


06.20070.260 Pelvic Reduction Forceps, medium, L 260 mm



06.20070.200 Pelvic Reduction Forceps, angled, with pointed ball tips, speed lock, L 200 mm

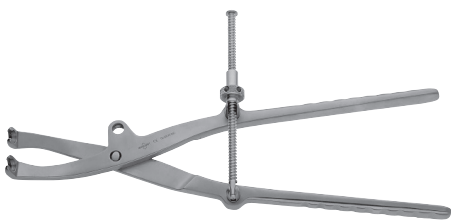
Instruments – Pelvis



06.20070.240 Pelvic Reduction Forceps, angled, with pointed ball tips, speed lock, L 240 mm



06.20070.250 Pelvic Reduction Forceps, with angled pointed ball tips, speed lock, L 250 mm



06.20070.340 Pelvic Reduction Forceps, large, adjustable, speed lock, L 340 mm



06.20070.400 Pelvic Reduction Forceps, long, with pointed ball tips, speed lock, L 400 mm



06.20070.410 Pelvic Reduction Forceps, long, with three pointed ball tips, speed lock, L 400 mm



06.20070.420 Pelvic Reduction Forceps, asymmetric, with pointed ball tips, L 400 mm



04.20070.133 Reduction Forceps, large, with Points, ratchet lock, L 200 mm



06.20090.200 Bone Hook with T-Handle, sharp, large, L 200 mm

Instruments – Pelvis



06.20090.230 Bone Hook, sharp, medium, L 230 mm



06.20090.270 Pelvic Retractor, blunt, L 270 mm



06.20120.025 Spiked Disc, for Reduction Forceps

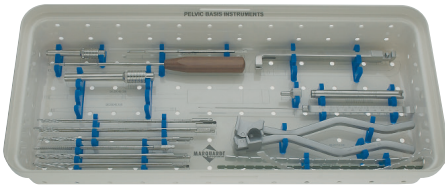


06.20120.300 Ball Spike, with pointed ball tip, L 300 mm



06.00600.190 Schanz Screw Ø 6.0 mm, L 190 mm, stainless steel

Pelvic Products Instruments – Set



06.22130.000	Graphic Case Pelvic, Basic Instruments
06.22130.001	Graphic Case Pelvic, Reduction Instruments
06.22130.010	Graphic Case Pelvic, Implants
03.20041.135	Holding Sleeve for Screws \varnothing 3.5/4.0mm
04.20041.045	Holding Sleeve for Screws \varnothing 4.5 to 7.3mm, Head Diameter 8.0mm
04.20070.133	Reduction Forceps, large, with Points, ratchet lock, L 200mm
06.00600.190	Schanz Screw \varnothing 6.0mm, L 190mm, stainless steel
06.20010.025	Drill Bit \varnothing 2.5mm, 3-flute, AO Coupling, L 230/200mm
06.20010.032	Drill Bit \varnothing 3.2mm, 3-flute, AO Coupling, L 230/200mm
06.20010.045	Drill Bit \varnothing 4.5mm, 3-flute, AO Coupling, L 195/165mm
03.20010.135	Drill Bit \varnothing 3.5mm, 2-flute, AO Coupling, L 195/170mm
04.20010.145	Drill Bit \varnothing 4.5mm, 2-flute, AO Coupling, L 195/165mm
03.20020.135	Tap \varnothing 3.5mm, AO Coupling, calibrated, L 175/145mm
04.20020.145	Tap \varnothing 4.5mm, calibrated, AO Coupling, L 175/50mm
06.20040.025	Screwdriver hexagonal, with Groove, hex 2.5mm, L 270mm
06.20040.035	Screwdriver hexagonal, with Groove, hex 3.5mm, L 300mm
06.20040.125	Screwdriver Shaft, with Groove, hex 2.5mm, AO Coupling
06.20040.135	Screwdriver Shaft, hexagonal, with Groove, hex 3.5mm, AO Coupling
06.20050.045	Universal Chuck, T-Handle, cannulated
06.20070.190	Pelvic Reduction Forceps, small, L 190mm
06.20070.260	Pelvic Reduction Forceps, medium, L 260mm
06.20070.200	Pelvic Reduction Forceps, angled, with pointed ball tips, speed lock, L 200mm
06.20070.240	Pelvic Reduction Forceps, angled, with pointed ball tips, speed lock, L 240mm
06.20070.250	Pelvic Reduction Forceps, with angled pointed ball tips, speed lock, L 250mm
06.20070.340	Pelvic Reduction Forceps, large, adjustable, speed lock, L 340mm
06.20070.400	Pelvic Reduction Forceps, long, with pointed ball tips, speed lock, L 400mm
06.20070.410	Pelvic Reduction Forceps, long, with three pointed ball tips, speed lock, L 400mm
06.20070.420	Pelvic Reduction Forceps, asymmetric, with pointed ball tips, L 400mm
06.20090.200	Bone Hook with T-Handle, sharp, large, L 200mm
06.20090.230	Bone Hook, sharp, medium, L 230mm
06.20090.270	Pelvic Retractor, blunt, L 270mm
06.20100.120	Depth Gauge for Screws, range up to 120mm
06.20110.034	Bending Iron for Reconstruction Plates 3.5 and 4.5
06.20110.035	Bending Template for Straight Reconstruction Plates 3.5
06.20110.040	Bending Pliers for Reconstruction Plates 2.7 and 3.5
06.20110.135	Bending Template for Curved Reconstruction Plates 3.5
06.20110.045	Bending Template for Straight Reconstruction Plates 4.5
06.20120.025	Spiked Disc, for Reduction Forceps
06.20120.300	Ball Spike, with pointed ball tip, L 300mm





07 Hip- and Condylar Plates

Dynamic Hip Screw Plates

Dynamic Condylar Screw Plates

Trochanter Buttress Plates

Gliding Screws



Dynamic Hip Screw Plates



Stainless Steel	Angle	Holes
07.10130.002	130°	2
07.10130.003	130°	3
07.10130.004	130°	4
07.10130.005	130°	5
07.10130.006	130°	6
07.10130.008	130°	8
07.10135.002	135°	2
07.10135.003	135°	3
07.10135.004	135°	4
07.10135.005	135°	5
07.10135.006	135°	6
07.10135.008	135°	8
07.10135.010	135°	10
07.10135.012	135°	12
07.10135.014	135°	14
07.10135.016	135°	16
07.10135.018	135°	18
07.10140.002	140°	2
07.10140.003	140°	3
07.10140.004	140°	4
07.10140.005	140°	5
07.10140.006	140°	6
07.10140.008	140°	8
07.10140.010	140°	10
07.10140.012	140°	12
07.10145.002	145°	2
07.10145.003	145°	3
07.10145.004	145°	4
07.10145.005	145°	5
07.10145.006	145°	6
07.10145.008	145°	8
07.10145.010	145°	10
07.10145.012	145°	12
07.10150.002	150°	2
07.10150.003	150°	3
07.10150.004	150°	4
07.10150.005	150°	5
07.10150.006	150°	6
07.10150.008	150°	8
07.10150.010	150°	10
07.10150.012	150°	12

Plate Thickness	6.00 mm
Plate Width	19.00 mm
Hole Distance	16.00 mm

Femoral neck fractures, simple and mehrfragmentäre trochanteric and intertrochanteric fractures, certain subtrochanteric femur fractures

Dynamic Hip Screw Plates, short barrel



Stainless Steel	Angle	Holes
07.10235.004	135°	4
07.10235.005	135°	5
07.10235.006	135°	6

Plate Thickness	6.00 mm
Plate Width	19.00 mm
Hole Distance	16.00 mm

Femoral neck fractures, simple and mehrfragmentäre trochanteric and intertrochanteric fractures, certain subtrochanteric femur fractures

Dynamic Condylar Screw Plates 95°

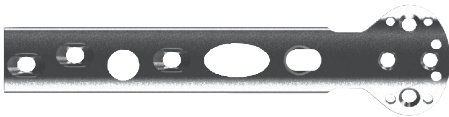


Stainless Steel	Holes	Length
07.10095.006	6	114 mm
07.10095.008	8	146 mm
07.10095.010	10	178 mm
07.10095.012	12	210 mm
07.10095.014	14	242 mm
07.10095.016	16	274 mm
07.10095.018	18	306 mm
07.10095.020	20	338 mm
07.10095.022	22	370 mm

Plate Thickness	6.00 mm
Plate Width	16.00 mm
Hole Distance	16.00 mm

For the treatment of distal femur condyle fracture

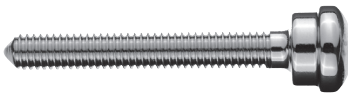
Trochanter Buttress Plate



Stainless Steel	Plate Length
07.10300.148	148 mm

For use with Marquardt Dynamic Hip Screw Plates for Intertrochanteric, Subtrochanteric, Ptertrochanteric and Basilar neck fractures

Compression Screw for Gliding Screws



Stainless Steel	Screw Length	Thread Length
07.00936.036	36 mm	27.4 mm

Thread Diameter	4.00 mm
Hexagon Socket	3.50 mm

Gliding Screws Ø 12.7 mm



Stainless Steel	Screw Length
07.00127.050	50 mm
07.00127.055	55 mm
07.00127.060	60 mm
07.00127.065	65 mm
07.00127.070	70 mm
07.00127.075	75 mm
07.00127.080	80 mm
07.00127.085	85 mm
07.00127.090	90 mm
07.00127.095	95 mm
07.00127.100	100 mm
07.00127.105	105 mm
07.00127.110	110 mm
07.00127.115	115 mm
07.00127.120	120 mm
07.00127.125	125 mm
07.00127.130	130 mm
07.00127.135	135 mm
07.00127.140	140 mm
07.00127.145	145 mm

Screw Diameter	12.70 mm
Core Diameter	8.20 mm
Shaft Diameter	8.00 mm
Cannulation	2.80 mm

Hip Screw to be used with the Dynamic Hip Screw plate

Guide Wire, threaded tip



Stainless Steel	Diameter	Length
07.20025.000	2.50 mm	230 mm

Cortical Screws Ø 4.5 mm, self-tapping

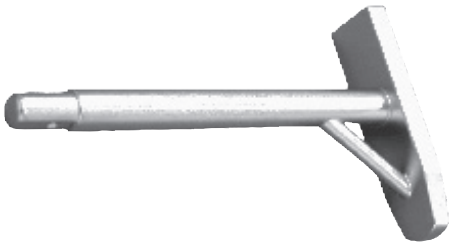


Stainless Steel	Screw Length
04.02845.030	30 mm
04.02845.032	32 mm
04.02845.034	34 mm
04.02845.036	36 mm
04.02845.038	38 mm
04.02845.040	40 mm
04.02845.042	42 mm
04.02845.044	44 mm
04.02845.046	46 mm
04.02845.048	48 mm
04.02845.050	50 mm
04.02845.052	52 mm
04.02845.054	54 mm
04.02845.056	56 mm
04.02845.058	58 mm
04.02845.060	60 mm
04.02845.062	62 mm
04.02845.064	64 mm
04.02845.066	66 mm
04.02845.068	68 mm
04.02845.070	70 mm
04.02845.072	72 mm
04.02845.074	76 mm
04.02845.076	76 mm
04.02845.078	78 mm
04.02845.080	80 mm

Screw Diameter	4.50 mm
Core Diameter	3.00 mm
Head Diameter	8.00 mm
Drill bit for threaded hole	3.20 mm
Hexagon Socket	3.50 mm

For use as lag screw or for plate fixation for fractures of the long bone like distal/proximal femur, proximal tibia, ankle fusion plates, humerus shaft

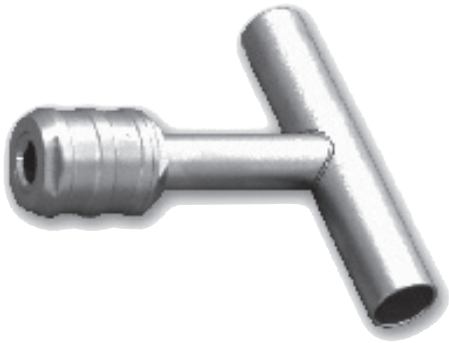
Instruments – HCPS Hip and Condylar Screw Plates System



		Angle
07.20130.000	Targeting Device, for Dynamic Hip Screw Plates	130°
07.20135.000	Targeting Device, for Dynamic Hip Screw Plates	135°
07.20140.000	Targeting Device, for Dynamic Hip Screw Plates	140°
07.20145.000	Targeting Device, for Dynamic Hip Screw Plates	145°
07.20150.000	Targeting Device, for Dynamic Hip Screw Plates	150°



		Angle
07.20095.000	Targeting Device, for Dynamic Condylar Screw Plates	95°



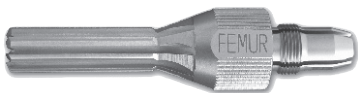
07.20160.000 T-Handle with Quick Coupling



07.20170.000 Direct Measuring Device for Guide Wires Ø 2.5 mm



07.20180.000 Drill Bit Ø 8.0 mm, L 245 mm



07.20220.000 Reamer, for Dynamic Hip Screw Plates



07.20230.000 Reamer, for Dynamic Hip Screw Plates with short barrel



07.20240.000 Reamer, for Dynamic Condylar Screw Plates

Instruments – HCPS Hip and Condylar Screw Plates System



07.20250.000 Nut, knurled for Reamers



07.20260.000 Tap for Gliding Screws, calibrated



07.20270.000 Centering Sleeve, short



07.20280.000 Wrench, T-Handle, for Gliding Screws



07.20290.000 Centering Sleeve, long



07.20300.000 Coupling Screw, for Insertion of Gliding Screws



07.20310.000 Guide Shaft, for Insertion of Gliding Screws



07.20320.000 Impactor



07.20330.000 Insert, for Impactor REF 07.20320.000



07.20340.000 Coupling Screw for Gliding Screw removal

HCPS Instruments – Set



07.22140.000	Graphic Case HCPS, Implants and Instruments
07.20130.000	Targeting Device, for Dynamic Hip Screw Plates 130°
07.20135.000	Targeting Device, for Dynamic Hip Screw Plates 135°
07.20140.000	Targeting Device, for Dynamic Hip Screw Plates 140°
07.20145.000	Targeting Device, for Dynamic Hip Screw Plates 145°
07.20150.000	Targeting Device, for Dynamic Hip Screw Plates 150°
07.20095.000	Targeting Device, for Dynamic Condylar Screw Plates 95°
07.20160.000	T-Handle with Quick Coupling
07.20170.000	Direct Measuring Device for Guide Wires Ø 2.5 mm
07.20180.000	Drill Bit Ø 8.0 mm, L 245 mm
07.20190.000	Triple Reamer, complete, for Dynamic Hip Screw Plates
07.20200.000	Triple Reamer, complete, for Dynamic Hip Screw Plates, short Reamer
07.20210.000	Triple Reamer, complete, for Dynamic Condylar Screw Plates
07.20220.000	Reamer, for Dynamic Hip Screw Plates
07.20230.000	Reamer, for Dynamic Hip Screw Plates with short barrel
07.20240.000	Reamer, for Dynamic Condylar Screw Plates
07.20250.000	Nut, knurled for Reamers
07.20260.000	Tap for Gliding Screws, calibrated
07.20270.000	Centering Sleeve, short
07.20280.000	Wrench, T-Handle, for Gliding Screws
07.20290.000	Centering Sleeve, long



08 Cannulated Screws

Cannulated Screws Ø 3.5 mm

Cannulated Screws Ø 4.0 mm

Cannulated Screws Ø 4.5 mm

Cannulated Screws Ø 7.0 mm

Cannulated Screws Ø 7.3 mm

Cannulated Screws Ø 3.5 mm, short thread, self-drilling

Stainless Steel	Titanium	Screw Length	Thread Length
08.02535.010	08.03535.010	10 mm	4 mm
08.02535.012	08.03535.012	12 mm	4 mm
08.02535.014	08.03535.014	14 mm	5 mm
08.02535.016	08.03535.016	16 mm	5,5 mm
08.02535.018	08.03535.018	18 mm	6 mm
08.02535.020	08.03535.020	20 mm	7 mm
08.02535.022	08.03535.022	22 mm	7 mm
08.02535.024	08.03535.024	24 mm	8 mm
08.02535.026	08.03535.026	26 mm	8 mm
08.02535.028	08.03535.028	28 mm	9 mm
08.02535.030	08.03535.030	30 mm	10 mm
08.02535.032	08.03535.032	32 mm	11 mm
08.02535.034	08.03535.034	34 mm	11 mm
08.02535.036	08.03535.036	36 mm	12 mm
08.02535.038	08.03535.038	38 mm	12 mm
08.02535.040	08.03535.040	40 mm	13 mm
08.02535.042	08.03535.042	42 mm	14 mm
08.02535.044	08.03535.044	44 mm	14 mm
08.02535.046	08.03535.046	46 mm	15 mm
08.02535.048	08.03535.048	48 mm	15 mm
08.02535.050	08.03535.050	50 mm	16 mm

Screw Diameter	3.50 mm
Core Diameter	2.50 mm
Head Diameter	5.00 mm
Drill bit for threaded hole	2.70 mm
Hexagon Socket	2.50 mm
Cannulation	1.35 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments



Cannulated Screws Ø 3.5 mm, fully threaded, self-drilling

Stainless Steel	Titanium	Screw Length
08.02500.010	08.03500.010	10 mm
08.02500.012	08.03500.012	12 mm
08.02500.014	08.03500.014	14 mm
08.02500.016	08.03500.016	16 mm
08.02500.018	08.03500.018	18 mm
08.02500.020	08.03500.020	20 mm
08.02500.022	08.03500.022	22 mm
08.02500.024	08.03500.024	24 mm
08.02500.026	08.03500.026	26 mm
08.02500.028	08.03500.028	28 mm
08.02500.030	08.03500.030	30 mm
08.02500.032	08.03500.032	32 mm
08.02500.034	08.03500.034	34 mm
08.02500.036	08.03500.036	36 mm
08.02500.038	08.03500.038	38 mm
08.02500.040	08.03500.040	40 mm
08.02500.042	08.03500.042	42 mm
08.02500.044	08.03500.044	44 mm
08.02500.046	08.03500.046	46 mm
08.02500.048	08.03500.048	48 mm
08.02500.050	08.03500.050	50 mm

Screw Diameter	3.50 mm
Core Diameter	2.50 mm
Head Diameter	5.00 mm
Drill bit for threaded hole	2.70 mm
Hexagon Socket	2.50 mm
Cannulation	1.35 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments



Guide Wire Ø 1.2 mm, threaded tip

Stainless Steel	Diameter	Length
11.90212.150	1.2 mm	150 mm
Packaging unit 10 pcs.		

For temporary plate and reduction and for the fixation of small fractures or fusions of small bones



Cannulated Screw Ø 4.0mm, long thread, self-drilling

Titanium	Screw Length
08.03640.016	16 mm
08.03640.018	18 mm
08.03640.020	20 mm
08.03640.022	22 mm
08.03640.024	24 mm
08.03640.026	26 mm
08.03640.028	28 mm
08.03640.030	30 mm
08.03640.032	32 mm
08.03640.034	34 mm
08.03640.036	36 mm
08.03640.038	38 mm
08.03640.040	40 mm
08.03640.042	42 mm
08.03640.044	44 mm
08.03640.046	46 mm
08.03640.048	48 mm
08.03640.050	50 mm
08.03640.055	55 mm
08.03640.060	60 mm

Screw Diameter	4.00 mm
Core Diameter	2.35 mm
Head Diameter	5.00 mm
Drill bit for threaded hole	2.70 mm
Hexagon Socket	2.50 mm
Cannulation	1.35 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments



Cannulated Screw Ø 4.0mm, short thread, self-drilling

Titanium	Screw Length
08.03644.010	10mm
08.03644.012	12mm
08.03644.014	14mm
08.03644.016	16mm
08.03644.018	18mm
08.03644.020	20mm
08.03644.022	22mm
08.03644.024	24mm
08.03644.026	26mm
08.03644.028	28mm
08.03644.030	30mm
08.03644.032	32mm
08.03644.034	34mm
08.03644.036	36mm
08.03644.038	38mm
08.03644.040	40mm
08.03644.042	42mm
08.03644.044	44mm
08.03644.046	46mm
08.03644.048	48mm
08.03644.050	50mm
08.03644.055	55mm
08.03644.060	60mm

Screw Diameter	4.00 mm
Core Diameter	2.35 mm
Head Diameter	5.00 mm
Drill bit for threaded hole	2.70 mm
Hexagon Socket	2.50 mm
Cannulation	1.35 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments



Guide Wire Ø 1.2 mm, threaded tip

Stainless Steel	Diameter	Length
11.90212.150	1.2 mm	150 mm

Packaging unit 10 pcs.

For temporary plate and reduction and for the fixation of small fractures or fusions of small bones



Cannulated Screws Ø 4.5 mm, short thread, self-drilling

Stainless Steel	Titanium	Screw Length	Thread Length
08.02654.020	08.03654.020	20 mm	7 mm
08.02654.022	08.03654.022	22 mm	7 mm
08.02654.024	08.03654.024	24 mm	8 mm
08.02654.026	08.03654.026	26 mm	9 mm
08.02654.028	08.03654.028	28 mm	9 mm
08.02654.030	08.03654.030	30 mm	10 mm
08.02654.032	08.03654.032	32 mm	11 mm
08.02654.034	08.03654.034	34 mm	11 mm
08.02654.036	08.03654.036	36 mm	12 mm
08.02654.038	08.03654.038	38 mm	13 mm
08.02654.040	08.03654.040	40 mm	13 mm
08.02654.042	08.03654.042	42 mm	14 mm
08.02654.044	08.03654.044	44 mm	15 mm
08.02654.046	08.03654.046	46 mm	15 mm
08.02654.048	08.03654.048	48 mm	16 mm
08.02654.050	08.03654.050	50 mm	17 mm
08.02654.052	08.03654.052	52 mm	17 mm
08.02654.054	08.03654.054	54 mm	18 mm
08.02654.056	08.03654.056	56 mm	19 mm
08.02654.060	08.03654.060	60 mm	20 mm
08.02654.064	08.03654.064	64 mm	21 mm
08.02654.068	08.03654.068	68 mm	23 mm
08.02654.072	08.03654.072	72 mm	24 mm

Screw Diameter	4.50 mm
Core Diameter	3.20 mm
Head Diameter	6.50 mm
Drill bit for threaded hole	3.20 mm
Hexagon Socket	3.50 mm
Cannulation	1.75 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments



Cannulated Screws Ø 4.5 mm, fully threaded, self-drilling

Stainless Steel	Titanium	Screw Length
08.02650.020	08.03650.020	20 mm
08.02650.022	08.03650.022	22 mm
08.02650.024	08.03650.024	24 mm
08.02650.026	08.03650.026	26 mm
08.02650.028	08.03650.028	28 mm
08.02650.030	08.03650.030	30 mm
08.02650.032	08.03650.032	32 mm
08.02650.034	08.03650.034	34 mm
08.02650.036	08.03650.036	36 mm
08.02650.038	08.03650.038	38 mm
08.02650.040	08.03650.040	40 mm
08.02650.042	08.03650.042	42 mm
08.02650.044	08.03650.044	44 mm
08.02650.046	08.03650.046	46 mm
08.02650.048	08.03650.048	48 mm
08.02650.050	08.03650.050	50 mm
08.02650.052	08.03650.052	52 mm
08.02650.054	08.03650.054	54 mm
08.02650.056	08.03650.056	56 mm
08.02650.060	08.03650.060	60 mm
08.02650.064	08.03650.064	64 mm
08.02650.068	08.03650.068	68 mm
08.02650.072	08.03650.072	72 mm

Screw Diameter	4.50 mm
Core Diameter	3.20 mm
Head Diameter	6.50 mm
Drill bit for threaded hole	3.20 mm
Hexagon Socket	3.50 mm
Cannulation	1.75 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments



Guide Wire Ø 1.6 mm, threaded tip

Stainless Steel	Diameter	Length
11.90216.150	1.6 mm	150 mm

Packaging unit 10 pcs.

For temporary plate and reduction and for the fixation of small fractures or fusions of small bones



Cannulated Screws Ø 7.0 mm, 16 mm thread, self-drilling

Stainless Steel	Titanium	Screw Length
08.02816.025	08.03816.025	25 mm
08.02816.030	08.03816.030	30 mm
08.02816.035	08.03816.035	35 mm
08.02816.040	08.03816.040	40 mm
08.02816.045	08.03816.045	45 mm
08.02816.050	08.03816.050	50 mm
08.02816.055	08.03816.055	55 mm
08.02816.060	08.03816.060	60 mm
08.02816.065	08.03816.065	65 mm
08.02816.070	08.03816.070	70 mm
08.02816.075	08.03816.075	75 mm
08.02816.080	08.03816.080	80 mm
08.02816.085	08.03816.085	85 mm
08.02816.090	08.03816.090	90 mm
08.02816.095	08.03816.095	95 mm
08.02816.100	08.03816.100	100 mm
08.02816.105	08.03816.105	105 mm
08.02816.110	08.03816.110	110 mm
08.02816.115	08.03816.115	115 mm
08.02816.120	08.03816.120	120 mm
08.02816.125	08.03816.125	125 mm
08.02816.130	08.03816.130	130 mm

Screw Diameter	7.00 mm
Core Diameter	4.50 mm
Head Diameter	8.00 mm
Drill bit for threaded hole	4.50 mm
Hexagon Socket	3.50 mm
Cannulation	2.20 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments



Cannulated Screws Ø 7.0 mm, 32 mm thread, self-drilling

Stainless Steel	Titanium	Screw Length
08.02832.045	08.03832.045	45 mm
08.02832.050	08.03832.050	50 mm
08.02832.055	08.03832.055	55 mm
08.02832.060	08.03832.060	60 mm
08.02832.065	08.03832.065	65 mm
08.02832.070	08.03832.070	70 mm
08.02832.075	08.03832.075	75 mm
08.02832.080	08.03832.080	80 mm
08.02832.085	08.03832.085	85 mm
08.02832.090	08.03832.090	90 mm
08.02832.095	08.03832.095	95 mm
08.02832.100	08.03832.100	100 mm
08.02832.105	08.03832.105	105 mm
08.02832.110	08.03832.110	110 mm
08.02832.115	08.03832.115	115 mm
08.02832.120	08.03832.120	120 mm
08.02832.125	08.03832.125	125 mm
08.02832.130	08.03832.130	130 mm

Screw Diameter	7.00 mm
Core Diameter	4.50 mm
Head Diameter	8.00 mm
Drill bit for threaded hole	4.50 mm
Hexagon Socket	3.50 mm
Cannulation	2.20 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments



Guide Wire Ø 2.0 mm, threaded tip

Stainless Steel	Diameter	Length
11.90220.230	2.0 mm	230 mm

Packaging unit 10 pcs.

For temporary plate and reduction and for the fixation of small fractures or fusions of small bones



Cannulated Screws Ø 7.3 mm, 16 mm thread, self-drilling

Stainless Steel	Titanium	Screw Length
08.02916.030	08.03916.030	30 mm
08.02916.035	08.03916.035	35 mm
08.02916.040	08.03916.040	40 mm
08.02916.045	08.03916.045	45 mm
08.02916.050	08.03916.050	50 mm
08.02916.055	08.03916.055	55 mm
08.02916.060	08.03916.060	60 mm
08.02916.065	08.03916.065	65 mm
08.02916.070	08.03916.070	70 mm
08.02916.075	08.03916.075	75 mm
08.02916.080	08.03916.080	80 mm
08.02916.085	08.03916.085	85 mm
08.02916.090	08.03916.090	90 mm
08.02916.095	08.03916.095	95 mm
08.02916.100	08.03916.100	100 mm
08.02916.105	08.03916.105	105 mm
08.02916.110	08.03916.110	110 mm
08.02916.115	08.03916.115	115 mm
08.02916.120	08.03916.120	120 mm
08.02916.125	08.03916.125	125 mm
08.02916.130	08.03916.130	130 mm
08.02916.135	08.03916.135	135 mm
08.02916.140	08.03916.140	140 mm
08.02916.145	08.03916.145	145 mm
08.02916.150	08.03916.150	150 mm

Screw Diameter	7.30 mm
Core Diameter	4.80 mm
Head Diameter	8.00 mm
Drill bit for threaded hole	5.00 mm
Hexagon Socket	4.00 mm
Cannulation	2.90 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments



Cannulated Screws Ø 7.3 mm, 32 mm thread, self-drilling

Stainless Steel	Titanium	Screw Length
08.02932.045	08.03932.045	45 mm
08.02932.050	08.03932.050	50 mm
08.02932.055	08.03932.055	55 mm
08.02932.060	08.03932.060	60 mm
08.02932.065	08.03932.065	65 mm
08.02932.070	08.03932.070	70 mm
08.02932.075	08.03932.075	75 mm
08.02932.080	08.03932.080	80 mm
08.02932.085	08.03932.085	85 mm
08.02932.090	08.03932.090	90 mm
08.02932.095	08.03932.095	95 mm
08.02932.100	08.03932.100	100 mm
08.02932.105	08.03932.105	105 mm
08.02932.110	08.03932.110	110 mm
08.02932.115	08.03932.115	115 mm
08.02932.120	08.03932.120	120 mm
08.02932.125	08.03932.125	125 mm
08.02932.130	08.03932.130	130 mm
08.02932.135	08.03932.135	135 mm
08.02932.140	08.03932.140	140 mm
08.02932.145	08.03932.145	145 mm
08.02932.150	08.03932.150	150 mm

Screw Diameter	7.30 mm
Core Diameter	4.80 mm
Head Diameter	8.00 mm
Drill bit for threaded hole	5.00 mm
Hexagon Socket	4.00 mm
Cannulation	2.90 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments



Guide Wire Ø 2.8 mm, threaded tip

Stainless Steel	Diameter	Length
11.90228.300	2.8 mm	300 mm

Packaging unit 10 pcs.

For temporary plate and reduction and for the fixation of small fractures or fusions of small bones



Washer Ø 7.0 mm, for Screws Ø 2.7 to 4.0 mm



Stainless Steel	Titanium
03.90000.070	03.91000.070

Outside Diameter	7.00 mm
Washer Thickness	0.80 mm

Washer Ø 10 mm, for Screws Ø 4.0 to 4.5 mm



Stainless Steel	Titanium
08.90000.100	08.91000.100

Outside Diameter	10.00 mm
Washer Thickness	1.00 mm

Washer Ø 13.0 mm, for Screws Ø 4.5 to 7.0 mm



Stainless Steel	Titanium
04.90000.130	04.91000.130

Outside Diameter	13.00 mm
Washer Thickness	1.50 mm

Instruments – Cannulated Screws



08.20100.035 Direct Measuring Device for Guide Wires Ø 1.2 mm



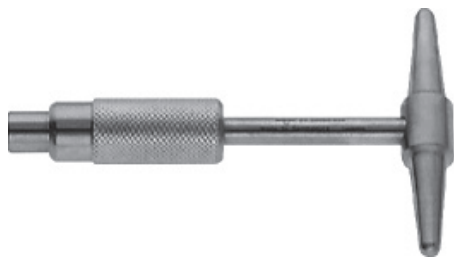
08.20010.027 Drill Bit Ø 2.7/1.35 mm, 4-flute, cannulated, AO Coupling, L 160/130 mm



08.20010.035 Drill Bit Ø 3.5/1.35 mm, 4-flute, cannulated, AO Coupling, L 160/130 mm



08.20030.035 Countersink, cannulated, for Cannulated Screws Ø 3.5/4.0 mm, AO Coupling, L 160 mm



03.20050.035 T-Handle with AO Coupling



08.20020.035 Tap Ø 3.5/1.35 mm, cannulated, AO Coupling, L 160/50 mm



03.20060.025 Double Drill Guide 3.5/2.5



08.20060.027 Double Drill Guide 2.7/1.25



08.20060.035 Drill Guide with Stop 3.5/2.7



08.20060.036 Drill Guide Insert 2.7 for REF 08.20060.036



08.20060.037 Drill Guide Insert 3.5 for REF 08.20060.037

Instruments – Cannulated Screws



02.20120.015 Screw Forceps, self-holding



08.20040.025 Screwdriver hexagonal, cannulated, with Groove, hex 2.5 mm



03.20041.035 Holding Sleeve for Screws Ø 2.7/3.5 mm



03.20040.125 Screwdriver Shaft, hex 2.5 mm, AO Coupling



08.20120.000 Holding Clamp for Washers



08.20100.045 Direct Measuring Device for Guide Wires Ø 1.6 mm



02.20010.015 Drill Bit Ø 1.5 mm, 2-flute, AO Coupling, L 85/59 mm



08.20010.032 Drill Bit Ø 3.2/1.85 mm, 4-flute, cannulated, AO Coupling, L 170/140 mm



08.20010.045 Drill Bit Ø 4.5/1.85 mm, 4-flute, cannulated, AO Coupling, L 170/140 mm

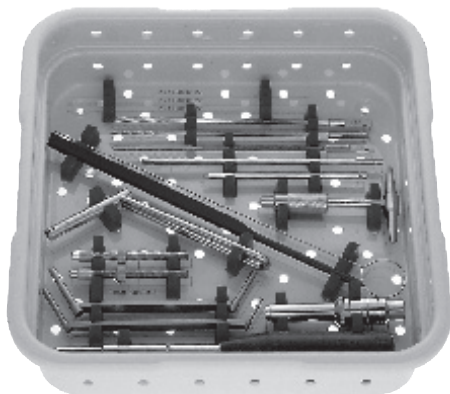


08.20030.045 Countersink, cannulated, for Cannulated Screws Ø 4.5 mm, AO Coupling, L 160 mm



08.20020.045 Tap Ø 4.5/1.85 mm, cannulated, AO Coupling, L 180/70 mm

Ø 3.5 mm Cannulated Screws Instruments – Set



08.22140.350	Graphic Case Ø 3.5 mm Cannulated Screws, Implants and Instruments
02.20120.015	Screw Forceps, self-holding
03.20040.125	Screwdriver shaft 2.5 mm hex
03.20041.035	Screw holding sleeve for 3.5 mm / 4.0 mm Cannulated screws
03.20050.035	T-Handle, quick coupling
03.20060.025	Double Drill Sleeve 2.5 mm / 3.5 mm
08.20010.027	Drill Bit Ø 2.7/1.35 mm, 4-flute, cannulated, AO Coupling, L 160/130 mm
08.20010.035	Drill Bit Ø 3.5/1.35 mm, 4-flute, cannulated, AO Coupling, L 160/130 mm
08.20020.035	Tap Ø 3.5/1.35 mm, cannulated, AO Coupling, L 160/50 mm
08.20030.035	Countersink, cannulated, for Cannulated Screws Ø 3.5/4.0 mm, AO Coupling, L 160 mm
08.20040.025	Screwdriver hexagonal, cannulated, with Groove, hex 2.5 mm
08.20060.027	Double Drill Guide 2.7/1.25
08.20060.035	Drill Guide with Stop 3.5/2.7
08.20060.036	Drill Guide Insert 2.7 for REF 08.20060.036
08.20060.037	Drill Guide Insert 3.5 for REF 08.20060.037
08.20100.035	Direct Measuring Device for Guide Wires Ø 1.2 mm
08.20120.000	Holding Clamp for Washers
08.20120.135	Cleaning Wire Ø 1.2 mm, L 200 mm
11.90212.150	Guide wire Ø 1.2 mm, 5 mm threaded tip, L 150 mm

Instruments – Cannulated Screws



08.20060.016 Parallel Guide for Guide Wires Ø 1.6 mm, adjustable



04.20060.045 Double Drill Guide 4.5/3.2



08.20040.135 Screwdriver hexagonal, cannulated, with Groove, hex 3.5 mm



04.20040.135 Screwdriver Shaft, hexagonal, hex 3.5 mm, AO Coupling



08.20041.045 Holding Sleeve for Screws Ø 4.5 to 7.3 mm, Head Diameter 6.5 mm



02.20120.015 Screw Forceps, self-holding



08.20120.045 Protection Sleeve 9.5/7.0



08.20060.070 Drill Sleeve 7.0/3.2



08.20060.032 Centering Sleeve 3.2 for Guide Wires Ø 1.6 mm

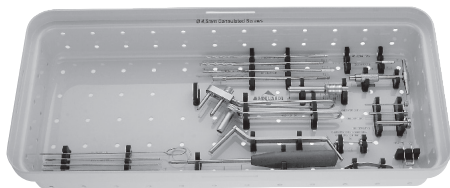


08.20120.016 Trocar Ø 1.6 mm















08.20120.145 Cleaning Wire Ø 1.6 mm, L 210 mm

Ø 4.5 mm Cannulated Screws Instruments – Set



08.22140.450	Graphic Case Ø 4.5 mm Cannulated Screws, Implants and Instruments
02.20010.015	Drill Bit Ø 1.5 mm, 85 / 60 mm
02.20120.015	Screw Forceps, self-holding
03.20050.035	T-Handle, quick coupling
04.20040.135	Screwdriver shaft 3.5 mm hex
04.20060.045	Double drill sleeve 3.2 / 4.5
08.20010.032	Drill Bit Ø 3.2/1.85 mm, 4-flute, cannulated, AO Coupling, L 170/140 mm
08.20010.045	Drill Bit Ø 4.5/1.85 mm, 4-flute, cannulated, AO Coupling, L 170/140 mm
08.20020.045	Tap Ø 4.5/1.85 mm, cannulated, AO Coupling, L 180/70 mm
08.20030.045	Countersink, cannulated, for Cannulated Screws Ø 4.5 mm, AO Coupling, L 160 mm
08.20040.135	Screwdriver hexagonal, cannulated, with Groove, hex 3.5 mm
08.20041.045	Holding Sleeve for Screws Ø 4.5 to 7.3 mm, Head Diameter 6.5 mm
08.20060.016	Parallel Guide for Guide Wires Ø 1.6 mm, adjustable
08.20060.032	Centering Sleeve 3.2 for Guide Wires Ø 1.6 mm
08.20060.070	Drill Sleeve 7.0/3.2
08.20100.045	Direct Measuring Device for Guide Wires Ø 1.6 mm
08.20120.000	Holding Clamp for Washers
08.20120.016	Trocar Ø 1.6 mm
08.20120.045	Protection Sleeve 9.5/7.0
08.20120.145	Cleaning Wire Ø 1.6 mm, L 210 mm
11.90216.150	Guide Wire Ø 1.6 mm, 15 mm threaded tip, L 150 mm

Instruments – Cannulated Screws

	08.20100.070	Direct Measuring Device for Guide Wires Ø 2.0 mm
	02.20010.020	Drill Bit Ø 2.0 mm, 2-flute, AO Coupling, L 100/74 mm
	08.20010.145	Drill Bit Ø 4.5/2.1 mm, 3-flute, cannulated, calibrated, Jacobs Chuck, L 230/200 mm
	08.20030.070	Countersink, cannulated, for Cannulated Screws Ø 7.0 mm, T-Handle, L 180 mm
	08.20020.070	Tap Ø 7.0/2.2 mm, cannulated, calibrated, T-Handle, L 212/30 mm
	04.20060.045	Double Drill Guide 4.5/3.2
	08.20060.170	Parallel Guide for Guide Wires Ø 2.0 mm
	02.20120.015	Screw Forceps, self-holding
	08.20040.070	Screwdriver hexagonal, cannulated, with Groove, hex 3.5 mm
	04.20041.045	Holding Sleeve for Screws Ø 4.5 to 7.3 mm, Head Diameter 8.0 mm
	04.20040.035	Screwdriver hexagonal, with Groove, hex 3.5 mm
	08.20120.000	Holding Clamp for Washers

Instruments – Cannulated Screws



08.20120.170 Cleaning Wire Ø 2.0 mm, L 250 mm



08.20060.145 Parallel Drill Guide 4.5



08.20120.020 Trocar Ø 2.0 mm



08.20060.045 Centering Sleeve 4.5 for Guide Wires Ø 2.0 mm

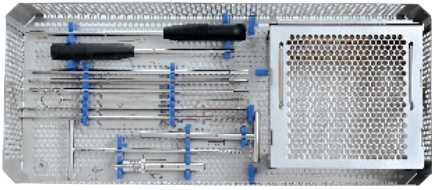


08.20060.080 Drill Sleeve 8.0/4.5



08.20120.070 Protection Sleeve 11.0/8.0

Ø 7.0 mm Cannulated Screws Instruments – Set



08.22140.700	Graphic Case Ø 7.0 mm Cannulated Screws, Implants and Instruments
02.20010.020	Drill Bit Ø 2.0 mm, 100 / 74 mm
02.20120.015	Screw Forceps, self-holding
04.20040.035	Screwdriver 3.5 mm hex
04.20041.045	Large screw holding sleeve for screws Ø 4.5 and Ø 6.5 mm
04.20060.045	Double drill sleeve 3.2 / 4.5
08.20010.145	Drill Bit Ø 4.5/2.1 mm, 3-flute, cannulated, calibrated, Jacobs Chuck, L 230/200 mm
08.20020.070	Tap Ø 7.0/2.2 mm, cannulated, calibrated, T-Handle, L 212/30 mm
08.20030.070	Countersink, cannulated, for cannulated Screws Ø 7.0 mm, T-Handle, L 180 mm
08.20040.070	Screwdriver hexagonal, cannulated, with Groove, hex 3.5 mm
08.20060.045	Centering Sleeve 4.5 for Guide Wires Ø 2.0 mm
08.20060.080	Drill Sleeve 8.0/4.5
08.20060.145	Parallel Drill Guide 4.5
08.20060.170	Parallel Guide for Guide Wires Ø 2.0 mm
08.20100.070	Direct Measuring Device for Guide Wires Ø 2.0 mm
08.20120.020	Trocar Ø 2.0 mm
08.20120.070	Protection Sleeve 11.0/8.0
08.20120.170	Cleaning Wire Ø 2.0 mm, L 250 mm
11.90220.230	Guide Wire Ø 2.0 mm, 15 mm threaded tip, L 230 mm

Instruments – Cannulated Screws



02.20120.015 Screw Forceps, self-holding



03.20010.425 Drill Bit Ø 2.5 mm, 160 / 135 mm, 2-fluted with QC



04.20041.045 Large screw holding sleeve for screws Ø 4.5 and Ø 6.5 mm



08.20010.150 Drill Bit ø 5.0/2.9mm, 4-flute, cannulated, calibrated, Jacobs Chuck, L 295/265mm



08.20020.073 Tap ø 7.3/2.9mm, cannulated, calibrated, T-Handle, L 220/30mm



08.20030.073 Countersink, cannulated, for Cannulated Screws ø 7.3mm, T-Handle, L 180mm



08.20040.073 Screwdriver hexagonal, with Groove, hex 4.0mm



08.20040.173 Screwdriver hexagonal, cannulated, with Groove, hex 4.0mm



08.20040.273 Screwdriver Shaft hexagonal, with Groove, Quick-Coupling, hex 4.0mm



08.20040.373 Screwdriver Shaft hexagonal, cannulated, with Groove, Quick-Coupling, hex 4.0mm



08.20060.073 Centering Sleeve 5.0 for Guide Wires ø 2.8mm



08.20060.173 Drill Sleeve 8.0/5.0



08.20060.273 Parallel Drill Guide 5.0



08.20060.373 Parallel Guide for Guide Wires ø 2.8mm



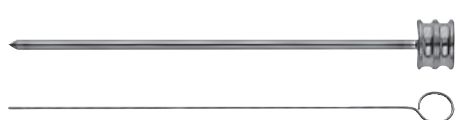
08.20100.073 Direct Measuring Device for Guide Wires ø 2.8mm



08.20120.070 Protection Sleeve 11.0/8.0

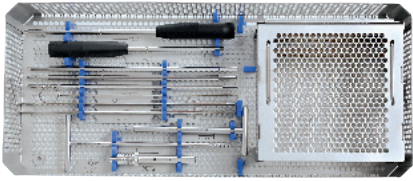


08.20120.073 Trocar ø 2.8mm



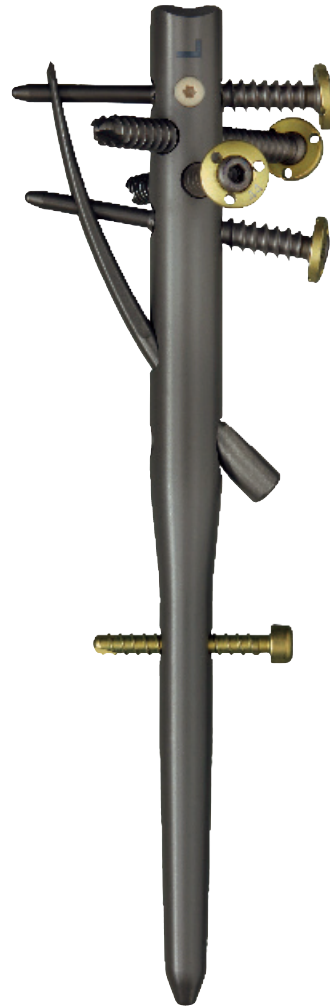
08.20120.173 Cleaning Wire ø 2.8mm, L 270mm

Ø 7.3 mm Cannulated Screws Instruments – Set



08.22140.730	Cannulated Screws ø 7.3 Instrument & Implant Case
02.20120.015	Screw Forceps, self-holding
03.20010.425	Drill Bit ø 2.5mm, 2-flute, AO Coupling, calibrated, L 160/135mm
04.20041.045	Large screw holding sleeve for screws Ø 4.5 and Ø 6.5 mm
08.20010.150	Drill Bit ø 5.0/2.9mm, 4-flute, cannulated, calibrated, Jacobs Chuck, L 295/265mm
08.20020.073	Tap ø 7.3/2.9mm, cannulated, calibrated, T-Handle, L 220/30mm
08.20030.073	Countersink, cannulated, for Cannulated Screws ø 7.3mm, T-Handle, L 180mm
08.20040.073	Screwdriver hexagonal, with Groove, hex 4.0mm
08.20040.173	Screwdriver hexagonal, cannulated, with Groove, hex 4.0mm
08.20040.273	Screwdriver Shaft hexagonal, with Groove, Quick-Coupling, hex 4.0mm
08.20040.373	Screwdriver Shaft hexagonal, cannulated, with Groove, Quick-Coupling, hex 4.0mm
08.20060.073	Centering Sleeve 5.0 for Guide Wires ø 2.8mm
08.20060.173	Drill Sleeve 8.0/5.0
08.20060.273	Screwdriver Shaft hexagonal, with Groove, Quick-Coupling, hex 4.0mm
08.20060.373	Screwdriver Shaft hexagonal, cannulated, with Groove, Quick-Coupling, hex 4.0mm
08.20100.073	Direct Measuring Device for Guide Wires ø 2.8mm
08.20120.070	Protection Sleeve 11.0/8.0
08.20120.073	Trocar ø 2.8mm
08.20120.173	Cleaning Wire ø 2.8mm, L 270mm
11.90228.300	Guide Wire ø 2.8mm, threaded tip, L 300mm





09 Intramedullary Nails

VITUS-PF Proximal Femoral Nails Stainless Steel

VITUS-PF Proximal Femoral Nails Titanium

LBN Proximal Humeral Nails

EIN Elastic Intramedullary Nails

VITUS-PF Proximal Femoral Nails



Stainless Steel	Diameter	CCD-Angle	Description	Length
09.30010.125	Ø 10 mm	125°		200 mm
09.30010.130	Ø 10 mm	130°		200 mm
09.30010.135	Ø 10 mm	135°		200 mm
09.30011.125	Ø 11 mm	125°		200 mm
09.30011.130	Ø 11 mm	130°		200 mm
09.30010.135	Ø 11 mm	135°		200 mm
09.30300.130	Ø 10.5 mm	130°	right	300 mm
09.30340.130	Ø 10.5 mm	130°	right	340 mm
09.30380.130	Ø 10.5 mm	130°	right	380 mm
09.30420.130	Ø 10.5 mm	130°	right	420 mm
09.30301.130	Ø 10.5 mm	130°	left	300 mm
09.30341.130	Ø 10.5 mm	130°	left	340 mm
09.30381.130	Ø 10.5 mm	130°	left	380 mm
09.30421.130	Ø 10.5 mm	130°	left	420 mm

Proximal Nail Diameter	17.00 mm
Disatl Nail Diameter	10/11 mm
Distal Screw Hole	5.00 mm
Medio-lateral Angel	4°
Material	Stainless Steel

Short Nail

In fractures of the trochanteric region (Type 31A1-3 by AO classification), transcervical femoral neck fractures (type B2 according to AO classification), high subtrochanteric fractures

Long Nail

In low-lying and extended subtrochanteric fractures, combination of fractures in the trochanteric area and in the shaft, pathologic fractures

VITUS-PF Cap Screws



Stainless Steel	Total Length	Compensation of Length
09.00017.195	19.5 mm	0 mm
09.00017.245	24.5 mm	5 mm
09.00017.295	29.5 mm	10 mm

Head Diameter	17.00 mm
Cannulation	3.20 mm
Hexagon Socket	3.50 mm

End Cap for the Vitus PF nail to be used in stable and unstable pertrochanteric, transcervical neck and subtrochanteric fractures

VITUS-PF Stabilization Screws



Stainless Steel	Screw Length
09.02004.060	60 mm
09.02004.070	70 mm
09.02004.080	80 mm
09.02004.090	90 mm
09.02004.100	100 mm

Screw Diameter	5.00 mm
Core Diameter	3.20 mm
Pitch	1.75 mm
Thread Length	35.00 mm

Stabilization Screw to be used with the Vitus PF proximal Femur Nail

VITUS-PF Hip Screws, self-tapping



Stainless Steel	Screw Length
09.02120.080	80 mm
09.02120.085	85 mm
09.02120.090	90 mm
09.02120.095	95 mm
09.02120.100	100 mm
09.02120.105	105 mm
09.02120.110	110 mm
09.02120.115	115 mm
09.02120.120	120 mm

Screw Diameter	11.00 mm
Core Diameter	6.20 mm
Pitch	3.20 mm
Cannulation	3.50 mm
Thread Length	28.00 mm

Hip Screw to be used with the Vitus PF proximal Femur Nail

VITUS-PF Locking Screws, self-tapping



Stainless Steel	Screw Length
09.02849.025	25 mm
09.02849.030	30 mm
09.02849.032	32 mm
09.02849.034	34 mm
09.02849.036	36 mm
09.02849.038	38 mm
09.02849.040	40 mm
09.02849.042	42 mm
09.02849.044	44 mm
09.02849.046	46 mm
09.02849.048	48 mm
09.02849.050	50 mm
09.02849.052	52 mm
09.02849.054	54 mm
09.02849.056	56 mm
09.02849.058	58 mm
09.02849.060	60 mm
09.02849.065	65 mm
09.02849.070	70 mm
09.02849.075	75 mm
09.02849.080	80 mm
09.02849.085	85 mm
09.02849.090	90 mm
09.02849.095	95 mm
09.02849.100	100 mm

Screw Diameter	4.90 mm
Core Diameter	4.30 mm
Pitch	1.75 mm
Hexagon Socket	3.50 mm
Head Diameter	8.00 mm

Distal Locking Screw to be used with the Vitus PF proximal Femur Nail

VITUS-PF Reverse Fracture Screws



Stainless Steel	Screw Length
09.00960.022	22 mm
09.00960.024	24 mm
09.00960.026	26 mm
09.00960.028	28 mm
09.00960.030	30 mm
09.00960.032	32 mm
09.00960.034	34 mm
09.00960.036	36 mm
09.00960.038	38 mm

Screw Diameter	M 6
Hexagon Socket	3.50 mm

Reverse Fractures treatment with the Vitus PF proximal Femur Nail

Guide Wire Ø 3.2 mm, threaded tip, L 390 mm



Stainless Steel	Diameter	Length
09.20120.012	3.2 mm	390 mm

Packaging unit 10 pcs.

VITUS-PF Proximal Femoral Nails, titanium, sterile



Titanium	Diameter	CCD-Angle	Description	Length
09.33010.125S	Ø 10 mm	125°		200 mm
09.33010.130S	Ø 10 mm	130°		200 mm
09.33010.135S	Ø 10 mm	135°		200 mm
09.33011.125S	Ø 11 mm	125°		200 mm
09.33011.130S	Ø 11 mm	130°		200 mm
09.33011.135S	Ø 11 mm	135°		200 mm
09.33300.130S	Ø 10.5 mm	130°	right	300 mm
09.33340.130S	Ø 10.5 mm	130°	right	340 mm
09.33380.130S	Ø 10.5 mm	130°	right	380 mm
09.33400.130S	Ø 10.5 mm	130°	right	400 mm
09.33420.130S	Ø 10.5 mm	130°	right	420 mm
09.33301.130S	Ø 10.5 mm	130°	left	300 mm
09.33341.130S	Ø 10.5 mm	130°	left	340 mm
09.33381.130S	Ø 10.5 mm	130°	left	380 mm
09.33401.130S	Ø 10.5 mm	130°	left	400 mm
09.33421.130S	Ø 10.5 mm	130°	left	420 mm

Proximal Nail Diameter	15.50 mm
Distal Nail Diameter	10/11 mm
Distal Screw Hole	5.00 mm
Medio-lateral Angel	4°
Material	Ti6AL4V, Anodisierung Typ II

Short Nail

In fractures of the trochanteric region (Type 31A1-3 by AO classification), Transcervicale femoral neck fractures (type B2 according to AO classification), high subtrochanteric fractures

Long Nail

In low-lying and extended subtrochanteric fractures, combination of fractures in trochanteric area and in the shaft, pathologic fractures

VITUS-PF Blocking Screw, titanium, sterile



Titanium
09.01102.000S

Torx	T 20
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Blocking Screw to be used with the Vitus PF proximal Femur Nail

VITUS-PF Cap Screw for Blocking Screw, titanium, sterile



Titanium
09.01103.000S

Hexagon Socket	3.50 mm
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End Cap for the Vitus PF nail to be used in stable and unstable peritrochanteric, transcervical neck and subtrochanteric fractures

VITUS-PF Cap Screw, titanium, sterile



Titanium	Compensation of Length
09.01015.195S	0 mm
09.01015.245S	5 mm
09.01015.295S	10 mm

Head Diameter	15.50 mm
Cannulation	3.20 mm
Hexagon Socket	3.50 mm

End Cap for the Vitus PF nail to be used in stable and unstable peritrochanteric, transcervical neck and subtrochanteric fractures

VITUS-PF Stabilization Screws Ø 5.0 mm, self-tapping, titanium, sterile



Titanium	Screw Length
09.03004.060S	60 mm
09.03004.070S	70 mm
09.03004.080S	80 mm
09.03004.090S	90 mm
09.03004.100S	100 mm

Screw Diameter	5.00 mm
Core Diameter	3.20 mm
Pitch	1.75 mm
Thread Length	35.00 mm

Stabilization Screw to be used with the Vitus PF proximal Femur Nail

VITUS-PF Hip Screws Ø 10.0 mm, self-tapping, titanium, sterile



Titanium	Screw Length
09.03100.075S	75 mm
09.03100.080S	80 mm
09.03100.085S	85 mm
09.03100.090S	90 mm
09.03100.095S	95 mm
09.03100.100S	100 mm
09.03100.105S	105 mm
09.03100.110S	110 mm
09.03100.115S	115 mm
09.03100.120S	120 mm

Screw Diameter	10.00 mm
Core Diameter	5.80 mm
Pitch	3.20 mm
Cannulation	3.50 mm
Thread Length	28.00 mm

Hip Screw to be used with the Vitus PF proximal Femur Nail

VITUS-PF Locking Screws Ø 4.9 mm, self-tapping, titanium, sterile

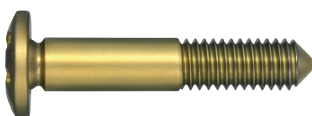


Titanium	Screw Length
09.03849.025S	25 mm
09.03849.030S	30 mm
09.03849.032S	32 mm
09.03849.034S	34 mm
09.03849.036S	36 mm
09.03849.038S	38 mm
09.03849.040S	40 mm
09.03849.042S	42 mm
09.03849.044S	44 mm
09.03849.046S	46 mm
09.03849.048S	48 mm
09.03849.050S	50 mm
09.03849.052S	52 mm
09.03849.054S	54 mm
09.03849.056S	56 mm
09.03849.058S	58 mm
09.03849.060S	60 mm
09.03849.065S	65 mm
09.03849.070S	70 mm
09.03849.075S	75 mm
09.03849.080S	80 mm
09.03849.085S	85 mm
09.03849.090S	90 mm
09.03849.095S	95 mm
09.03849.100S	100 mm

Screw Diameter	4.90 mm
Core Diameter	4.30 mm
Pitch	1.75 mm
Hexagon Socket	3.50 mm
Head Diameter	8.00 mm

Distal Locking Screw to be used with the Vitus PF proximal Femur Nail

VITUS-PF Reverse Fracture Screws, titanium, sterile



Titanium	Screw Length
09.01960.022S	22 mm
09.01960.024S	24 mm
09.01960.026S	26 mm
09.01960.028S	28 mm
09.01960.030S	30 mm
09.01960.032S	32 mm
09.01960.034S	34 mm
09.01960.036S	36 mm
09.01960.038S	38 mm

Screw Diameter	M 6
Hexagon Socket	3.50 mm

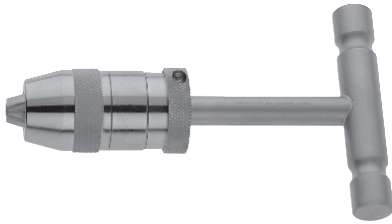
Reverse Fracture Screw to be used with the Vitus PF proximal Femur Nail

Guide Wire Ø 3.2 mm, threaded tip, L 390 mm



Stainless Steel	
09.20120.012S	390 mm
Packaging unit 5 pcs.	

Instruments - VITUS-PF Proximal Femoral Nail



06.20050.046 Universal Chuck with reverse lock, T-Handle, cannulated



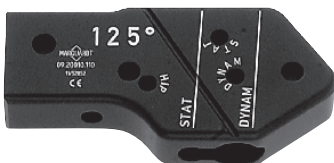
09.20010.090 VITUS-PF Targeting Device for Reverse Fracture



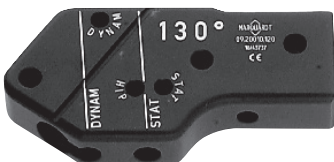
09.20010.095 VITUS-PF Assembling Screw for REF 09.20010.095



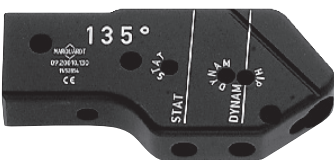
09.20010.100 VITUS-PF Targeting Device



09.20010.110 VITUS-PF Targeting Module 125°



09.20010.120 VITUS-PF Targeting Module 130°



09.20010.130 VITUS-PF Targeting Module 135°

Instruments - VITUS-PF Proximal Femoral Nail



09.20010.140 VITUS-PF Coupling Screw for Nails Ø 17.0 mm



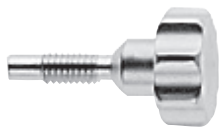
09.20010.141 VITUS-PF Coupling Screw for Nails Ø 15.5 mm



09.20010.150 VITUS-PF Assembling Screw for Targeting Device / Targeting Modules



09.20010.160 VITUS-PF Eccentric Fixation Bolt for Drill Sleeves



09.20010.170 VITUS-PF Blocking Screw for REF 09.20010.180



09.20010.180 VITUS-PF Guide Sleeve for Reverse Fracture



09.20010.185 VITUS-PF Trocar Ø 12.0 mm for Reverse Fracture



09.20010.190 VITUS-PF Measuring Device for Reverse Fracture Screws



09.20010.200 VITUS-PF Double Drill Sleeve



09.20010.205 VITUS-PF Trocar Ø 12.0 mm, large



09.20010.210 VITUS-PF Guide Sleeve for Drill Wire Ø 3.2 mm



09.20010.220 VITUS-PF Guide Sleeve for Distal Locking



09.20010.221 VITUS-PF Drill Guide for REF 09.20010.220



09.20010.225 VITUS-PF Trocar Ø 4.35 mm for REF 09.20010.221

Instruments - VITUS-PF Proximal Femoral Nail



09.20010.230 VITUS-PF Socket Wrench with Cardan Joint



09.20010.235 VITUS-PF Drill Bit Ø 15.5 mm



09.20010.240 VITUS-PF Drill Bit Ø 17.0 mm



09.20010.245 VITUS-PF Tissue Protection Sleeve for REF 09.20010.235



09.20010.250 VITUS-PF Tissue Protection Sleeve for REF 09.20010.240



09.20010.255 VITUS-PF Trocar Ø 17.0 mm for REF 09.20010.250



09.20010.257 VITUS-PF Trocar Ø 15.5 mm for REF 09.20010.245



09.20010.260 VITUS-PF Step Reamer Ø 11.0/6.2 mm, calibrated, Quick Coupling



09.20010.265 VITUS-PF Step Reamer Ø 10.0/5.8 mm, calibrated, Quick Coupling



09.20010.270 T-Handle with Quick Coupling

Instruments - VITUS-PF Proximal Femoral Nail



09.20010.280 VITUS-PF Pre-Drill for Stabilization Screws, AO Coupling



09.20010.290 VITUS-PF Coupling Screw for REF 09.20010.295



09.20010.295 VITUS-PF Inserter for Stabilization Screws



09.20010.300 VITUS-PF Wrench for REF 09.20010.295



09.20010.310 VITUS-PF Drill Bit for Distal Locking Screws, calibrated, AO Coupling



09.20010.320 VITUS-PF Drill Bit for Reverse Fracture Screws, calibrated, AO Coupling



09.20010.325 VITUS-PF Collet for REF 09.20010.260 / 265 / 320



09.20010.330 VITUS-PF Nut for REF 09.20010.325



09.20010.340 VITUS-PF Depth Gauge for Screws, range up to 90 mm



09.20010.350 VITUS-PF Direct Measuring Device for Guide Wires Ø 3.2 mm



09.20010.360 VITUS-PF Compression Sleeve for REF 09.20010.370

Instruments - VITUS-PF Proximal Femoral Nail



09.20010.365 VITUS-PF Coupling Screw for Hip Screws Ø 11.0 mm



09.20010.368 VITUS-PF Coupling Screw for Hip Screws Ø 10.0 mm



09.20010.370 VITUS-PF Screwdriver for Hip Screws



09.20010.380 Pin Wrench



09.20010.390 VITUS-PF Impactor for REF 09.20010.100



09.20010.400 Awl



09.20010.401 Awl, cannulated Ø 4.8 mm



09.20010.410 VITUS-PF Screwdriver hexagonal, twisted hex 3.5 mm



09.20010.420 VITUS-PF Extractor for Stabilization Screws



09.20010.435 Extractor for VITUS-PF



09.20010.445 VITUS-PF Extractor for Nails Ø 15.5 mm

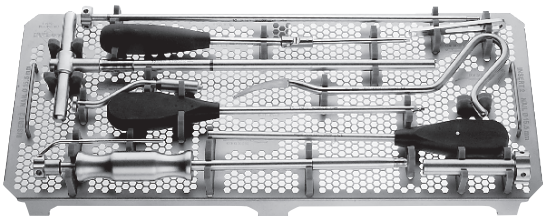
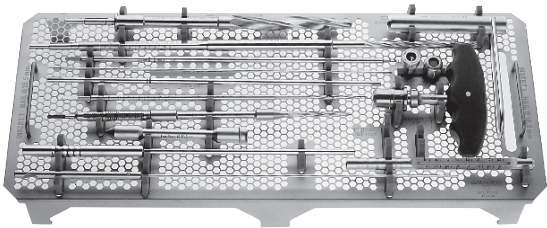
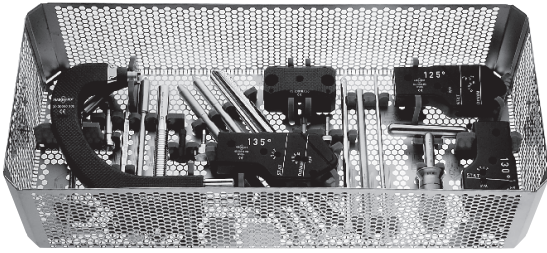


09.20010.460 VITUS-PF Socket Wrench T20 for Blocking Screw, with Cardan Joint



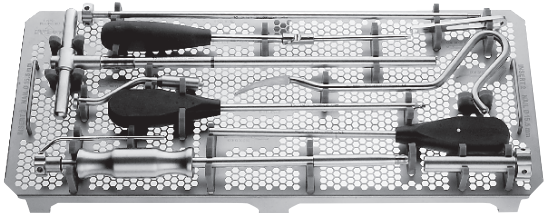
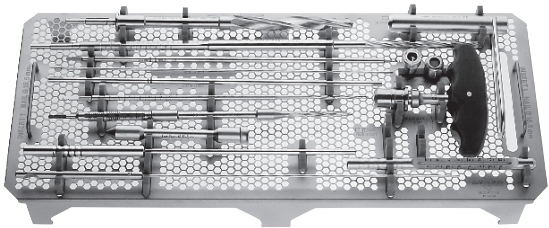
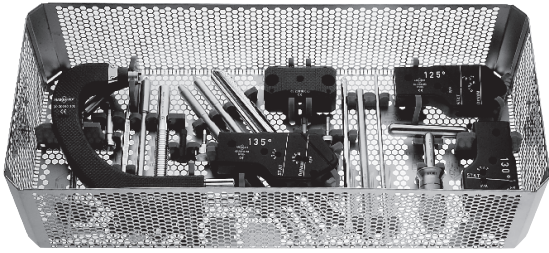
09.20010.470 VITUS-PF Extractor for Blocking Screw, with Cardan Joint

VITUS-PF Proximal Femoral Nail 17.0 Instruments – Set for Stainless Steel Nails



09.22140.000	Graphic Case VITUS-PF, Instruments 17.0
06.20050.045	Universal Chuck, T-Handle, cannulated
09.20010.100	VITUS-PF Targeting Device
09.20010.110	VITUS-PF Targeting Module 125°
09.20010.120	VITUS-PF Targeting Module 130°
09.20010.130	VITUS-PF Targeting Module 135°
09.20010.140	VITUS-PF Coupling Screw for Nails Ø 17.0 mm
09.20010.150	VITUS-PF Assembling Screw for Targeting Device / Targeting Modules
09.20010.160	VITUS-PF Eccentric Fixation Bolt for Drill Sleeves
09.20010.200	VITUS-PF Double Drill Sleeve
09.20010.205	VITUS-PF Trocar Ø 12.0 mm, large
09.20010.210	VITUS-PF Guide Sleeve for Drill Wire Ø 3.2 mm
09.20010.220	VITUS-PF Guide Sleeve for Distal Locking
09.20010.221	VITUS-PF Drill Guide for REF 09.20010.220
09.20010.225	VITUS-PF Trocar Ø 4.35 mm for REF 09.20010.221
09.20010.230	VITUS-PF Socket Wrench with Cardan Joint
09.20010.240	VITUS-PF Drill Bit Ø 17.0 mm
09.20010.250	VITUS-PF Tissue Protection Sleeve for REF 09.20010.240
09.20010.255	VITUS-PF Trocar Ø 17.0 mm for REF 09.20010.250
09.20010.260	VITUS-PF Step Reamer Ø 11.0/6.2 mm, calibrated, Quick Coupling
09.20010.270	T-Handle with Quick Coupling
09.20010.280	VITUS-PF Pre-Drill for Stabilization Screws, AO Coupling
09.20010.290	VITUS-PF Coupling Screw for REF 09.20010.295
09.20010.295	VITUS-PF Inserter for Stabilization Screws
09.20010.300	VITUS-PF Wrench for REF 09.20010.295
09.20010.310	VITUS-PF Drill Bit for Distal Locking Screws, calibrated, AO Coupling
09.20010.325	VITUS-PF Collet for REF 09.20010.260 / 265 / 320
09.20010.330	VITUS-PF Nut for REF 09.20010.325
09.20010.340	VITUS-PF Depth Gauge for Screws, range up to 90 mm
09.20010.350	VITUS-PF Direct Measuring Device for Guide Wires Ø 3.2 mm
09.20010.375	Screw driver for hip screws for VITUS-PF
09.20010.380	Pin Wrench
09.20010.390	VITUS-PF Impactor for REF 09.20010.100
09.20010.400	Awl, small for Vitus-PF
09.20010.410	VITUS-PF Screwdriver hexagonal, twisted hex 3.5 mm
09.20010.420	VITUS-PF Extractor for Stabilization Screws
09.20010.435	VITUS-PF Extractor for Nails Ø 17.0 mm
09.20120.012	Guide Wire Ø 3.2 mm, threaded tip, L 390 mm

VITUS-PF Proximal Femoral Nail 15.5 Instruments – Set for Titanium Nails



09.22140.100	Graphic Case VITUS-PF, Instruments 15.5
06.20050.045	Universal Chuck, T-Handle, cannulated
09.20010.100	VITUS-PF Targeting Device
09.20010.110	VITUS-PF Targeting Module 125°
09.20010.120	VITUS-PF Targeting Module 130°
09.20010.130	VITUS-PF Targeting Module 135°
09.20010.141	VITUS-PF Coupling Screw for Nails Ø 15.5 mm
09.20010.150	VITUS-PF Assembling Screw for Targeting Device / Targeting Modules
09.20010.160	VITUS-PF Eccentric Fixation Bolt for Drill Sleeves
09.20010.200	VITUS-PF Double Drill Sleeve
09.20010.205	VITUS-PF Trocar Ø 12.0 mm, large
09.20010.210	VITUS-PF Guide Sleeve for Drill Wire Ø 3.2 mm
09.20010.220	VITUS-PF Guide Sleeve for Distal Locking
09.20010.221	VITUS-PF Drill Guide for REF 09.20010.220
09.20010.225	VITUS-PF Trocar Ø 4.35 mm for REF 09.20010.221
09.20010.230	VITUS-PF Socket Wrench with Cardan Joint
09.20010.235	VITUS-PF Drill Bit Ø 15.5 mm
09.20010.245	VITUS-PF Tissue Protection Sleeve for REF 09.20010.235
09.20010.257	VITUS-PF Trocar Ø 15.5 mm for REF 09.20010.245
09.20010.265	VITUS-PF Step Reamer Ø 10.0/5.8 mm, calibrated, Quick Coupling
09.20010.270	T-Handle with Quick Coupling
09.20010.280	VITUS-PF Pre-Drill for Stabilization Screws, AO Coupling
09.20010.290	VITUS-PF Coupling Screw for REF 09.20010.295
09.20010.295	VITUS-PF Inserter for Stabilization Screws
09.20010.300	VITUS-PF Wrench for REF 09.20010.295
09.20010.310	VITUS-PF Drill Bit for Distal Locking Screws, calibrated, AO Coupling
09.20010.325	VITUS-PF Collet for REF 09.20010.260 / 265 / 320
09.20010.330	VITUS-PF Nut for REF 09.20010.325
09.20010.340	VITUS-PF Depth Gauge for Screws, range up to 90 mm
09.20010.350	VITUS-PF Direct Measuring Device for Guide Wires Ø 3.2 mm
09.20010.360	VITUS-PF Compression Sleeve for REF 09.20010.370
09.20010.368	VITUS-PF Coupling Screw for Hip Screws Ø 10.0 mm
09.20010.370	VITUS-PF Screwdriver for Hip Screws
09.20010.380	Pin Wrench
09.20010.390	VITUS-PF Impactor for REF 09.20010.100
09.20010.401	Awl, cannulated Ø 4.8 mm
09.20010.410	VITUS-PF Screwdriver hexagonal, twisted hex 3.5 mm
09.20010.420	VITUS-PF Extractor for Stabilization Screws
09.20010.445	VITUS-PF Extractor for Nails Ø 15.5 mm
09.20010.460	VITUS-PF Socket Wrench T20 for Blocking Screw, with Cardan Joint
09.20010.470	VITUS-PF Extractor for Blocking Screw, with Cardan Joint

LBN Proximal Humeral Nails, sterile



Diameter 10/6.5 mm		
Titanium	Description	Length
14.31008.150S	left	150 mm
14.31108.150S	right	150 mm
Diameter 11/7.0 mm		
Titanium	Description	Length
14.31008.230S	left	230 mm
14.31108.230S	right	230 mm
14.31008.250S	left	250 mm
14.31108.250S	right	250 mm
14.31008.270S	left	270 mm
14.31108.270S	right	270 mm
14.31008.290S	left	290 mm
14.31108.290S	right	290 mm

Proximal Nail Diameter	11.00 mm
Distal Nail Diameter	6.50 mm
Proximal Screw Holes	5.00 mm
Distal Screw Hole	3.50 mm
Material	Ti6AL4V, Anodisierung Typ II

Insubcapitalhumerusfractures, littledislocated
3 - and 4 - part fractures according to Neer

LBN Blade, sterile



Titanium	Description
14.31356.063S	short
14.31356.070S	long

Insubcapitalhumerusfractures, littledislocated
3 - and 4 - part fractures according to Neer

LBN Locking Screws Ø 5.0 mm, sterile



Titanium	Length
14.31554.022S	22 mm
14.31554.024S	24 mm
14.31554.026S	26 mm
14.31554.028S	28 mm
14.31554.030S	30 mm
14.31554.032S	32 mm
14.31554.034S	34 mm
14.31554.036S	36 mm
14.31554.038S	38 mm
14.31554.040S	40 mm
14.31554.042S	42 mm
14.31554.044S	44 mm
14.31554.046S	46 mm
14.31554.048S	48 mm
14.31554.050S	50 mm
14.31554.052S	52 mm
14.31554.054S	54 mm
14.31554.056S	56 mm
14.31554.058S	58 mm
14.31554.060S	60 mm

Outside Diameter	5.00 mm
Core Diameter	3.40 mm
Diameter Washer	10.00 mm
Hexagon Socket	2.50 mm

Head fixation Screws to be used with the
Locking Blade Nail

LBN Locking Screws for blade fixation, sterile

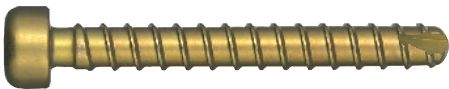


Titanium	
14.31555.032S	32 mm
14.31555.034S	34 mm
14.31555.036S	36 mm
14.31555.038S	38 mm
14.31555.040S	40 mm
14.31555.042S	42 mm
14.31555.044S	44 mm
14.31555.046S	46 mm
14.31555.048S	48 mm
14.31555.050S	50 mm
14.31555.052S	52 mm
14.31555.054S	54 mm
14.31555.056S	56 mm
14.31555.058S	58 mm
14.31555.060S	60 mm

Outside Diameter	5.00 mm
Core Diameter	3.40 mm
Diameter Washer	10.00 mm
Hexagon Socket	2.50 mm

BladeFixationScrewto beusedwiththeLocking Blade Nail

LBN Distal Locking Screws Ø 3.5 mm, sterile

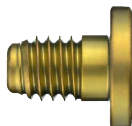


Titanium	Length
14.31635.018S	18 mm
14.31635.020S	20 mm
14.31635.022S	22 mm
14.31635.024S	24 mm
14.31635.026S	26 mm
14.31635.028S	28 mm
14.31635.030S	30 mm
14.31635.032S	32 mm
14.31635.034S	34 mm
14.31635.036S	36 mm
14.31635.038S	38 mm
14.31635.040S	40 mm
14.31635.042S	42 mm
14.31635.044S	44 mm
14.31635.046S	46 mm
14.31635.048S	48 mm
14.31635.050S	50 mm
14.31635.052S	52 mm
14.31635.054S	54 mm
14.31635.056S	56 mm
14.31635.058S	58 mm
14.31635.060S	60 mm

Outside Diameter	3.50 mm
Core Diameter	2.90 mm
Diameter Washer	6.00 mm
Hexagon Socket	2.50 mm

BladeFixationScrewto beusedwiththeLocking Blade Nail

LBN Cap Screws, sterile



Titanium	Compensation of Length
14.31550.000S	0 mm
14.31550.002S	2 mm

Guide Wire, trocar tip, sterile



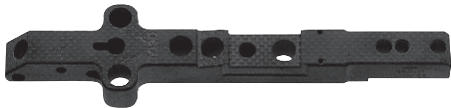
Stainless Steel	Diameter	Length
11.90025.200S	Ø 2.5 mm	200 mm

Packaging unit 5 pcs.

Instruments – LBN Locking Blade Nail



14.30060.010 LBN Coupling Device for Targeting Device



14.30060.015 LBN Targeting Arm for REF 14.30060.010



14.30060.020 LBN Targeting Module, left



14.30060.025 LBN Targeting Module, right



14.30060.030 LBN Coupling Screw for Nail



14.30060.035 LBN Assembling Screw for Targeting Device / Targeting Modules



14.30060.040 LBN Eccentric Fixation Bolt



14.30060.045 LBN Height Determination Device



14.30060.050 LBN Alignment Rod



14.30060.055 LBN Tissue Protection Sleeve 11.5/10.0 mm, calibrated



14.30060.056 LBN Tissue Protection Sleeve 10.0/7.0 mm, calibrated

Instruments – LBN Locking Blade Nail



14.30060.057 LBN Trocar Ø 7.0 mm



14.30060.060 LBN Drill Guide 10.0/3.5 mm



14.30060.061 LBN Trocar Ø 10.0 mm



14.30060.062 LBN Drill Guide 10.0/2.9 mm



14.30060.065 LBN Guide Sleeve for Blade



14.30060.070 LBN Trocar for REF 14.30060.065



14.30060.073 LBN Blade Awl, short














14.30060.074 LBN Blade Awl, long



14.30060.075 LBN Blade Inserter

Instruments – LBN Locking Blade Nail

	14.30060.082	Drill Bit Ø 2.9 mm, calibrated, AO Coupling, short
	14.30060.085	Drill Bit Ø 2.9 mm, calibrated, AO Coupling
	14.30060.090	Drill Bit Ø 3.5 mm, calibrated, AO Coupling
	14.30060.091	LBN Depth Measuring Stick
	14.30060.100	Drill Bit Ø 7.0 mm for Blade entry, calibrated, AO Coupling
	14.30060.120	LBN Screwdriver hexagonal, hex 2.5 mm
	14.30060.120-3	LBN Twine Fixation Screw for Screwdriver hexagonal
	14.30060.125	LBN Depth Gauge for Screws, range up to 60 mm
	14.30060.140	LBN Extractor for Blade
	14.30060.141	Nut for REF 14.30060.140
	14.30060.145	LBN Extractor for Nail
	14.30060.146	LBN Slide Hammer for REF 14.30060.145

Instruments – LBN Locking Blade Nail



14.30060.150 LBN Guide Wire, long, for REF 14.30060.155



14.30060.155 LBN Hollow Reamer Ø 11.5 mm



14.30060.160 LBN Blade Depth Insertion Bracket



14.30060.161 LBN Locking Bolt for REF 14.30060.160



14.30060.165 Pin Wrench, hex 3.5 mm



14.30060.170 Mallet



14.30060.180 Hooked Suture Retriever



14.30060.185 LBN Stop for Drill Bit for REF 14.30060.090/100



14.30060.190 Handle with AO Coupling

Instruments – LBN Locking Blade Nail



14.30060.192 Screwdriver Shaft, twisted hex 2.5 mm



14.30060.200 LBN Tissue Protection Sleeve for Distal Locking



14.30060.205 LBN Trocar for Tissue Protection Sleeve



14.30060.220 LBN Medullary Reamer, short



14.30060.230 LBN Broach for long Nail

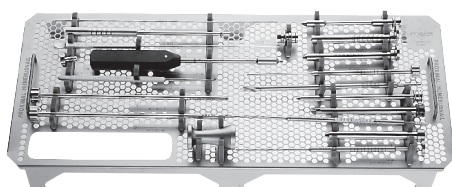
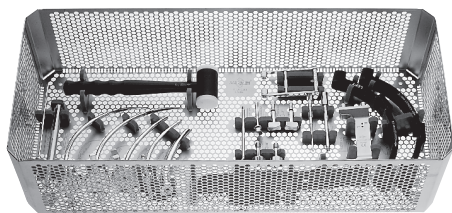


14.30060.240 LBN Impactor



14.30060.250 LBN Extractor for Washer

LBN Locking Blade Nail Instruments – Set



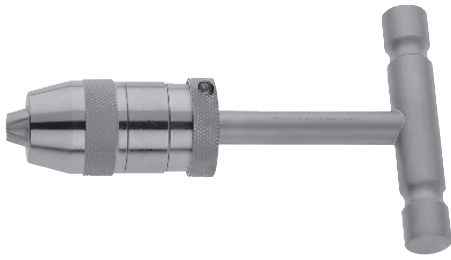
14.22140.300	Graphic Case LBN, Instruments
14.30060.010	LBN Coupling Device for Targeting Device
14.30060.015	LBN Targeting Arm for REF 14.30060.010
14.30060.020	LBN Targeting Module, left
14.30060.025	LBN Targeting Module, right
14.30060.030	LBN Coupling Screw for Nail
14.30060.035	LBN Assembling Screw for Targeting Device / Targeting Modules
14.30060.040	LBN Eccentric Fixation Bolt
14.30060.045	LBN Height Determination Device
14.30060.050	LBN Alignment Rod
14.30060.055	LBN Tissue Protection Sleeve 11.5/10.0 mm, calibrated
14.30060.056	LBN Tissue Protection Sleeve 10.0/7.0 mm, calibrated
14.30060.057	LBN Trocar Ø 7.0 mm
14.30060.060	LBN Drill Guide 10.0/3.5 mm
14.30060.061	LBN Trocar Ø 10.0 mm
14.30060.062	LBN Drill Guide 10.0/2.9 mm
14.30060.065	LBN Guide Sleeve for Blade
14.30060.070	LBN Trocar for REF 14.30060.065
14.30060.073	LBN Blade Awl, short
14.30060.074	LBN Blade Awl, long
14.30060.075	LBN Blade Inserter
14.30060.085	Drill Bit Ø 2.9 mm, calibrated, AO Coupling
14.30060.090	Drill Bit Ø 3.5 mm, calibrated, AO Coupling
14.30060.091	LBN Depth Measuring Stick
14.30060.100	Drill Bit Ø 7.0 mm for Blade entry, calibrated, AO Coupling
14.30060.120	LBN Screwdriver hexagonal, hex 2.5 mm
14.30060.120-3	LBN Twine Fixation Screw for Screwdriver hexagonal
14.30060.125	LBN Depth Gauge for Screws, range up to 60 mm
14.30060.141	Nut for REF 14.30060.140
14.30060.140	LBN Extractor for Blade
14.30060.145	LBN Extractor for Nail
14.30060.146	LBN Slide Hammer for REF 14.30060.145
14.30060.150	LBN Guide Wire, short, for REF 14.30060.155
14.30060.155	LBN Hollow Reamer Ø 11.5 mm
14.30060.160	LBN Blade Depth Insertion Bracket
14.30060.161	LBN Locking Bolt for REF 14.30060.160
14.30060.165	Pin Wrench, hex 3.5 mm
14.30060.170	Mallet
14.30060.180	Hooked Suture Retriever
14.30060.185	LBN Stop for Drill Bit for REF 14.30060.090/100
14.30060.190	Handle with Quick Coupling
14.30060.192	Screwdriver Shaft, twisted hex 2.5 mm
14.30060.200	Tissue Protection Sleeve for distal locking
14.30060.205	Trocar for Tissue Protection Sleeve
14.30060.220	LBN Medullary Reamer, Short
14.30060.230	LBN Broach for long Nail
14.30060.240	LBN Impactor

EIN Elastic Intramedullary Nails



Titanium	Diameter	Length
09.31010.100	1.0 mm	100 mm
09.31014.100	1.4 mm	100 mm
09.31020.450	2.0 mm	450 mm
09.31025.450	2.5 mm	450 mm
09.31030.450	3.0 mm	450 mm
09.31035.450	3.5 mm	450 mm
09.31040.450	4.0 mm	450 mm
09.31045.450	4.5 mm	450 mm
09.31050.450	5.0 mm	450 mm

Instruments – EIN Elastic Intramedullary Nail



06.20050.045 Universal Chuck, T-Handle, cannulated



09.20120.006 Extraction Pliers for Elastic Intramedullary Nails



09.20130.038 Pin cutter for Elastic Intramedullary Nails up to Ø 4.5 mm



09.20120.001 Awl for mini Elastic Intramedullary nails



09.20120.003 Awl, 3.0mm for Elastic Intramedullary Nails

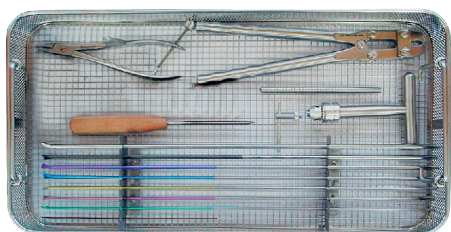


09.20120.004 Awl, 4.0 mm for Elastic Intramedullary Nails



09.20120.005 Mallet 350 gr.

EIN Elastic Intramedullary Nail Instruments – Set



09.22130.200 Graphic Case EIN, Instruments and Implants

06.20050.045 Universal Chuck, T-Handle, cannulated

09.20120.001 Awl for mini Elastic Intramedullary nails

09.20120.003 Awl, 3.0 mm for Elastic Intramedullary Nails

09.20120.004 Awl, 4.0 mm for Elastic Intramedullary Nails

09.20120.005 Mallet 350 gr.

09.20120.006 Extraction Pliers for Elastic Intramedullary Nails

09.20130.038 Pin cutter for Elastic Intramedullary Nails up to Ø 4.5 mm



10 Hand

TWIN Compression Screws

TWIN Compression Screws \varnothing 3.0/3.9 mm

Titanium	Screw Length	Thread Length
10.03339.010	10 mm	3.30 mm
10.03339.012	12 mm	3.90 mm
10.03339.014	14 mm	4.50 mm
10.03339.016	16 mm	5.10 mm
10.03339.018	18 mm	5.80 mm
10.03339.020	20 mm	6.40 mm
10.03339.022	22 mm	7.00 mm
10.03339.024	24 mm	7.70 mm
10.03339.026	26 mm	8.30 mm
10.03339.028	28 mm	9.00 mm
10.03339.030	30 mm	9.60 mm

Screw Diameter	3.00 / 4.00 mm
Core Diameter	1.90 / 2.80 mm
Pitch	1.75 / 1.25 mm
Hexagon Socket	2.00 mm
Cannulation	1.10 mm
Drill bit for threaded hole	2.00 mm

Scaphoid Fractures

Guide Wire \varnothing 1.0 mm, trocar tip, L 70 mm

Stainless Steel	Diameter	Length
11.90010.070	1.0 mm	70 mm
Packaging unit 10 pcs.		

For temporary plate and reduction and for the fixation of small fractures or fusions of small bones

TWIN Compression Screws \varnothing 3.0/3.9 mm Instruments - Set

10.22140.150	Graphic Case TWIN Hand, Implants and Instruments
02.20050.010	Handle with AO Coupling
02.20100.038	Depth Gauge for Screws, range up to 38 mm
02.20120.015	Screw Forceps, self-holding
11.90010.070	Guide Wire \varnothing 1.0 mm, trocar tip, L 70 mm
12.20010.002	Drill Bit \varnothing 2.0/1.0 mm, 3-flute, cannulated, AO Coupling, L 65/35 mm
12.20012.002	Step Reamer \varnothing 2.0/2.9 mm with stop, cannulated, L 63/23 mm
12.20030.065	Countersink \varnothing 2.9 mm with stop, cannulated, AO Coupling, L 65 mm
12.20040.002	Screwdriver Shaft, hex 2.0 mm, cannulated, AO Coupling
12.20100.060	Direct Measuring Device for Guide Wires \varnothing 1.0 mm





11 Wires and Steinmann Pins

Kirschner Wires

Guide Wires

Steinmann Pins

Cerclage Wires

Kirschner Wires, trocar tip/round end



Stainless Steel	Titanium	Diameter	Length
11.90006.070	11.91006.070	Ø 0.6 mm	70 mm
11.90008.070	11.91008.070	Ø 0.8 mm	70 mm
11.90008.150	11.91008.150	Ø 0.8 mm	150 mm
11.90010.070	11.91010.070	Ø 1.0 mm	70 mm
11.90010.150	11.91010.150	Ø 1.0 mm	150 mm
11.90010.280	11.91010.280	Ø 1.0 mm	280 mm
11.90010.310	11.91010.310	Ø 1.0 mm	310 mm
11.90012.070	11.91012.070	Ø 1.2 mm	70 mm
11.90012.120	11.91012.120	Ø 1.2 mm	120 mm
11.90012.150	11.91012.150	Ø 1.2 mm	150 mm
11.90012.280	11.91012.280	Ø 1.2 mm	280 mm
11.90012.310	11.91012.310	Ø 1.2 mm	310 mm
11.90014.150	11.91014.150	Ø 1.4 mm	150 mm
11.90014.280	11.91014.280	Ø 1.4 mm	280 mm
11.90014.310	11.91014.310	Ø 1.4 mm	310 mm
11.90016.150	11.91016.150	Ø 1.6 mm	150 mm
11.90016.280	11.91016.280	Ø 1.6 mm	280 mm
11.90016.310	11.91016.310	Ø 1.6 mm	310 mm
11.90018.150	11.91018.150	Ø 1.8 mm	150 mm
11.90018.280	11.91018.280	Ø 1.8 mm	280 mm
11.90018.310	11.91018.310	Ø 1.8 mm	310 mm
11.90020.150	11.91020.150	Ø 2.0 mm	150 mm
11.90020.230	11.91020.230	Ø 2.0 mm	230 mm
11.90020.280	11.91020.280	Ø 2.0 mm	280 mm
11.90020.310	11.91020.310	Ø 2.0 mm	310 mm
11.90020.400	11.91020.400	Ø 2.0 mm	400 mm
11.90025.150	11.91025.150	Ø 2.5 mm	150 mm
11.90025.240	11.91025.240	Ø 2.5 mm	240 mm
11.90025.280	11.91025.280	Ø 2.5 mm	280 mm
11.90025.310	11.91025.310	Ø 2.5 mm	310 mm
11.90025.400	11.91025.400	Ø 2.5 mm	400 mm
11.90030.150	11.91030.150	Ø 3.0 mm	150 mm
11.90030.280	11.91030.280	Ø 3.0 mm	280 mm
11.90030.310	11.91030.310	Ø 3.0 mm	310 mm
11.90030.400	11.91030.400	Ø 3.0 mm	400 mm

For fracture reduction and temporary plate fixation

Packaging unit 10 pcs.

Kirschner Wires, double trocar tip



Stainless Steel	Titanium	Diameter	Length
11.90106.070	11.91106.070	Ø 0.6 mm	70 mm
11.90108.070	11.91108.070	Ø 0.8 mm	70 mm
11.90108.150	11.91108.150	Ø 0.8 mm	150 mm
11.90110.150	11.91110.150	Ø 1.0 mm	150 mm
11.90110.280	11.91110.280	Ø 1.0 mm	280 mm
11.90110.310	11.91110.310	Ø 1.0 mm	310 mm
11.90112.150	11.91112.150	Ø 1.2 mm	150 mm
11.90112.280	11.91112.280	Ø 1.2 mm	280 mm
11.90112.310	11.91112.310	Ø 1.2 mm	310 mm
11.90114.150	11.91114.150	Ø 1.4 mm	150 mm
11.90114.280	11.91114.280	Ø 1.4 mm	280 mm
11.90114.310	11.91114.310	Ø 1.4 mm	310 mm
11.90116.150	11.91116.150	Ø 1.6 mm	150 mm
11.90116.280	11.91116.280	Ø 1.6 mm	280 mm
11.90116.310	11.91116.310	Ø 1.6 mm	310 mm
11.90118.150	11.91118.150	Ø 1.8 mm	150 mm
11.90118.280	11.91118.280	Ø 1.8 mm	280 mm
11.90118.310	11.91118.310	Ø 1.8 mm	310 mm
11.90120.150	11.91120.150	Ø 2.0 mm	150 mm
11.90120.280	11.91120.280	Ø 2.0 mm	280 mm
11.90120.310	11.91120.310	Ø 2.0 mm	310 mm
11.90125.150	11.91125.150	Ø 2.5 mm	150 mm
11.90125.280	11.91125.280	Ø 2.5 mm	280 mm
11.90125.310	11.91125.310	Ø 2.5 mm	310 mm
11.90130.150	11.91130.150	Ø 3.0 mm	150 mm
11.90130.280	11.91130.280	Ø 3.0 mm	280 mm
11.90130.310	11.91130.310	Ø 3.0 mm	310 mm

Packaging unit 10 pcs.

For fracture reduction and temporary plate fixation

Kirschner Wires, threaded tip/round End



Stainless Steel	Titanium	Diameter	Length
11.90212.150	11.91212.150	Ø 1.2 mm	150 mm
11.90216.150	11.91216.150	Ø 1.6 mm	150 mm
11.90217.150		Ø 1.7 mm	150 mm
11.90218.150	11.91218.150	Ø 1.8 mm	150 mm
11.90220.150	11.91220.150	Ø 2.0 mm	150 mm
11.90220.230	11.91220.230	Ø 2.0 mm	230 mm
11.90225.150	11.91225.150	Ø 2.5 mm	150 mm
11.90225.200	11.91225.200	Ø 2.5 mm	200 mm
11.90230.150	11.91230.150	Ø 3.0 mm	150 mm
11.90228.300		Ø 2.8 mm	300 mm
07.20025.000		Ø 2.5 mm	230 mm
09.20120.012		Ø 3.2 mm	390 mm
Packaging unit 10 pcs.			
Stainless Steel, sterile			
09.20120.012S		Ø 3.2 mm	390 mm
11.90225.240S		Ø 2.5 mm	240 mm
Packaging unit 5 pcs.			

For fracture reduction and temporary plate fixation

Steinmann Pins, trocar tip/round End



Stainless Steel	Diameter	Length
11.90635.125	Ø 3.5 mm	125 mm
11.90635.150	Ø 3.5 mm	150 mm
11.90640.150	Ø 4.0 mm	150 mm
11.90640.200	Ø 4.0 mm	200 mm
11.90645.150	Ø 4.5 mm	150 mm
11.90645.200	Ø 4.5 mm	200 mm
11.90645.250	Ø 4.5 mm	250 mm
11.90650.150	Ø 5.0 mm	150 mm
11.90650.200	Ø 5.0 mm	200 mm
11.90650.250	Ø 5.0 mm	250 mm
11.90650.300	Ø 5.0 mm	300 mm
Packaging unit 1 pcs.		

For use as a reduction device and for external fixation devices

Schanz Screws



Stainless Steel	Diameter	Length
11.90940.060	Ø 4.0 mm	60 mm
11.90940.080	Ø 4.0 mm	80 mm
11.90940.100	Ø 4.0 mm	100 mm
11.90940.125	Ø 4.0 mm	125 mm
11.90950.100	Ø 5.0 mm	100 mm
11.90950.125	Ø 5.0 mm	125 mm
11.90950.150	Ø 5.0 mm	150 mm
11.90950.175	Ø 5.0 mm	175 mm
11.90950.200	Ø 5.0 mm	200 mm
11.90950.250	Ø 5.0 mm	250 mm
Packaging unit 1 pcs.		

Cerclage Wires without Eye



Stainless Steel	Diameter	Length
11.90504.150	Ø 0.4 mm	150 mm
11.90506.175	Ø 0.6 mm	175 mm
11.90508.200	Ø 0.8 mm	200 mm
11.90510.250	Ø 1.0 mm	250 mm
11.90512.300	Ø 1.2 mm	300 mm

Packaging unit 10 pcs.

Forfracturere reduction and tension bending

Cerclage Wires with Eye



Stainless Steel	Diameter	Length
11.90508.280	Ø 0.8 mm	280 mm
11.90508.600	Ø 0.8 mm	600 mm
11.90510.280	Ø 1.0 mm	280 mm
11.90510.600	Ø 1.0 mm	600 mm
11.90512.280	Ø 1.2 mm	280 mm
11.90512.600	Ø 1.2 mm	600 mm
11.90515.280	Ø 1.5 mm	280 mm
11.90515.600	Ø 1.5 mm	600 mm

Packaging unit 1 pcs.

Forfracturere reduction and tension bending

Cerclage Wires in coils



Stainless Steel	Diameter	Length
11.90502.010	Ø 0.2 mm	10 m
11.90503.010	Ø 0.3 mm	10 m
11.90504.010	Ø 0.4 mm	10 m
11.90505.010	Ø 0.5 mm	10 m
11.90506.010	Ø 0.6 mm	10 m
11.90507.010	Ø 0.7 mm	10 m
11.90508.010	Ø 0.8 mm	10 m
11.90509.010	Ø 0.9 mm	10 m
11.90510.010	Ø 1.0 mm	10 m
11.90512.010	Ø 1.2 mm	10 m
11.90515.010	Ø 1.5 mm	10 m

Packaging unit 1 pcs.

Forfracturere reduction and tension bending

Instruments

02.20010.020 Drill Bit Ø 2.0 mm, 2-flute, AO Coupling, L 100/74 mm

02.20060.120 Triple Drill Guide 2.0 with 3 holes

11.20120.045 Wire Passer, bending diameter 45 mm

11.20120.070 Wire Passer, bending diameter 70 mm

11.20120.230 Wire Tightener, L 230 mm

11.20070.170 Holding Forceps for Cerclage Wires, L 185 mm

02.20110.160 Wire Bending Pliers for Wires up to Ø 1.25 mm, L 160 mm

11.20070.185 Parallel Pliers, flat-nosed, L 185 mm

11.20130.225 Wire Cutter for wires up to Ø 2.5 mm, L 225 mm

11.20130.165 Wire Cutter for wires up to Ø 1.5 mm, L 165 mm

11.20070.180 Vice Grip, L 180 mm

Wire Instruments – Set

02.20010.020	Drill Bit Ø 2.0 mm, 2-flute, AO Coupling, L 100/74 mm
02.20060.120	Triple Drill Guide 2.0 with 3 holes
02.20110.160	Wire Bending Pliers for Wires up to Ø 1.25 mm, L 160 mm
11.20070.170	Holding Forceps for Cerclage Wires, L 185 mm
11.20070.180	Vice Grip, L 180 mm
11.20070.185	Parallel Pliers, flat-nosed, L 185 mm
11.20120.070	Wire Passer, bending diameter 70 mm
11.20120.230	Wire Tightener, L 230 mm
11.20130.165	Wire Cutter for wires up to Ø 1.5 mm, L 165 mm
11.20130.225	Wire Cutter for wires up to Ø 2.5 mm, L 225 mm





12 Foot Systems

CLICK OFF Screws

TWIN Compression Screws

PEDUS-O, PEDUS-U Locking Foot Plate System

PEDUS-L Locking Lapidus Plate System

PEDUS-R Locking Rearfoot Plate System

Locking T- and L- Plates

Locking Adaption Plates

Calcaneal Plates



CLICK OFF Screws Ø 2.0 mm

also available in sterile (S)



Titanium	Screw Length
12.03402.010 (S)	10 mm
12.03402.011 (S)	11 mm
12.03402.012 (S)	12 mm
12.03402.013 (S)	13 mm
12.03402.014 (S)	14 mm

Screw Diameter	2.00 mm
Core Diameter	1.20 mm
Shaft Diameter	1.30 mm
Pitch	1.00 mm
Connector Diameter	4.00 mm

Weil osteotomy and fixation of small fragments

TWIN Screws Ø 3.0/4.0 mm, cannulated

also available in sterile (S)



Titanium	Screw Length	Thread Length
12.03340.010 (S)	10 mm	5.00 mm
12.03340.012 (S)	12 mm	7.00 mm
12.03340.014 (S)	14 mm	7.00 mm
12.03340.016 (S)	16 mm	7.00 mm
12.03340.018 (S)	18 mm	7.00 mm
12.03340.020 (S)	20 mm	7.00 mm
12.03340.022 (S)	22 mm	10.00 mm
12.03340.024 (S)	24 mm	10.00 mm
12.03340.026 (S)	26 mm	10.00 mm
12.03340.028 (S)	28 mm	10.00 mm
12.03340.030 (S)	30 mm	10.00 mm
12.03340.032 (S)	32 mm	10.00 mm
12.03340.034 (S)	34 mm	10.00 mm
12.03340.036 (S)	36 mm	10.00 mm

Screw Diameter	3.00 / 4.00 mm
Core Diameter	1.90 / 2.80 mm
Pitch	1.25 / 1.00 mm
Hexagon Socket	2.00 mm
Cannulation	1.15 mm
Drill bit for threaded hole	2.00 mm

Scarf-, Chevron-, Weilosteotomy, Scaphoid fractures, Arthodesis of the joint at the base of the big toe

Staples

also available in sterile (S)



Titanium	Angle	Diameter
12.91009.012 (S)	90°	1.0 mm
12.91009.112 (S)	60°	1.0 mm
12.91511.016 (S)	90°	1.6 mm
12.91511.116 (S)	60°	1.6 mm

Akin procedure of the Phalanx of the 1st ray

Guide Wire Ø 1.0mm, trocar tip

also available in sterile (S)



Stainless Steel	Diameter	Length
11.90010.070 (S)	1.0 mm	70 mm

Packaging unit 10 pcs. (5 pcs.)

For temporary plate and reduction and for the fixation of small fractures or fusions of small bones

TWIN Screws Ø 4.5/5.5 mm, cannulated

also available in sterile (S)



Titanium	Screw Length	Thread Length
12.03355.030 (S)	30 mm	16 mm
12.03355.032 (S)	32 mm	16 mm
12.03355.034 (S)	34 mm	16 mm
12.03355.036 (S)	36 mm	16 mm
12.03355.038 (S)	38 mm	20 mm
12.03355.040 (S)	40 mm	20 mm
12.03355.045 (S)	45 mm	20 mm
12.03355.050 (S)	50 mm	20 mm
12.03355.055 (S)	55 mm	24 mm
12.03355.060 (S)	60 mm	24 mm
12.03355.065 (S)	65 mm	24 mm

Stainless Steel

11.90217.150 (S)	Guide Wire Ø 1.7 mm, 15 mm threaded tip, L 150 mm Packaging unit 10 pcs. (5 pcs.)
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Screw Diameter	4.50 / 5.50 mm
Pitch	1.75 / 1.25 mm
Cannulation	1.70 mm
Torx	T 15
Drill bit for threaded hole	3.50 mm

Talonavicular arthodesis, Subtalar arthodesis, Calcaneocuboidarthodesis, Calcaneus movement osteotomy, Fractures of the metatarsal and hindfoot

TWIN Screws Ø 7.0/8.5 mm, cannulated, sterile



Titanium	Screw Length	Thread Length
12.03716.040S	40 mm	16 mm
12.03716.045S	45 mm	16 mm
12.03716.050S	50 mm	16 mm
12.03716.055S	55 mm	16 mm
12.03716.060S	60 mm	16 mm
12.03716.065S	65 mm	16 mm
12.03716.070S	70 mm	16 mm
12.03716.075S	75 mm	16 mm
12.03716.080S	80 mm	16 mm
12.03716.085S	85 mm	16 mm
12.03716.090S	90 mm	16 mm
12.03716.095S	95 mm	16 mm
12.03716.100S	100 mm	16 mm
12.03716.105S	105 mm	16 mm
12.03716.110S	110 mm	16 mm
12.03716.115S	115 mm	16 mm
12.03716.120S	120 mm	16 mm
12.03732.050S	50 mm	32 mm
12.03732.055S	55 mm	32 mm
12.03732.060S	60 mm	32 mm
12.03732.065S	65 mm	32 mm
12.03732.070S	70 mm	32 mm
12.03732.075S	75 mm	32 mm
12.03732.080S	80 mm	32 mm
12.03732.085S	85 mm	32 mm
12.03732.090S	90 mm	32 mm
12.03732.095S	95 mm	32 mm
12.03732.100S	100 mm	32 mm
12.03732.105S	105 mm	32 mm
12.03732.110S	110 mm	32 mm
12.03732.115S	115 mm	32 mm
12.03732.120S	120 mm	32 mm

Stainless Steel

11.90225.240S	Guide Wire Ø 2.5 mm, 15 mm threaded tip, L 240 mm, sterile Packaging unit 5 pcs.
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Thread Diameter	7.00 / 8.50 mm
Core Diameter	5.00 mm
Pitch	1.80 / 2.75 mm
Torx	T 27
Cannulation	2.80 mm

For Calcaneal movement/lengthening procedures and fusion of rearfoot and ankle fusion



PEDUS-O Open Wedge Locking Plates

also available in sterile (S)



Titanium	Step	Length
12.11121.000 (S)	0 mm	17 mm
12.11121.002 (S)	2 mm	19 mm
12.11121.003 (S)	3 mm	20 mm
12.11121.004 (S)	4 mm	21 mm
12.11121.005 (S)	5 mm	22 mm
12.11121.006 (S)	6 mm	23 mm

Plate Thickness	1.10 mm
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Open wedge osteotomy of the first metatarsal

PEDUS-U Locking Universal Plates

also available in sterile (S)



Titanium	Hole Distance	Length
12.11122.012 (S)	12 mm	19 mm
12.11122.014 (S)	14 mm	21 mm
12.11122.016 (S)	16 mm	23 mm
12.11122.018 (S)	18 mm	25 mm
12.11122.020 (S)	20 mm	27 mm

Plate Thickness	1.10 mm
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Closing wedge osteotomy of the first metatarsal and fractures of the metatarsal I-V

Locking Cortical Screws Ø 2.3 mm, self-tapping

also available in sterile (S)



Titanium	Length
12.03423.012 (S)	12 mm
12.03423.014 (S)	14 mm
12.03423.016 (S)	16 mm
12.03423.018 (S)	18 mm
12.03423.020 (S)	20 mm
12.03423.022 (S)	22 mm
12.03423.024 (S)	24 mm
12.03423.026 (S)	26 mm

Screw Diameter	2.30 mm
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Core Diameter	1.60 mm
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Shaft Diameter	2.00 mm
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Hexagon Socket	2.00 mm
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For a locking plate fixation for fractures of the basal open and closed wedge osteotomy and fractures of the metatarsal

Cortical Screws Ø 2.3 mm, self-tapping

also available in sterile (S)



Titanium	Length
12.03424.012 (S)	12 mm
12.03424.014 (S)	14 mm
12.03424.016 (S)	16 mm
12.03424.018 (S)	18 mm
12.03424.020 (S)	20 mm
12.03424.022 (S)	22 mm
12.03424.024 (S)	24 mm
12.03424.026 (S)	26 mm

Screw Diameter	2.30 mm
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Core Diameter	1.60 mm
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Hexagon Socket	2.00 mm
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For plate fixation for fractures of the basal open and closed wedge osteotomy and fractures of the metatarsal

PEDUS-L Locking Lapidus Plates

also available in sterile (S)



Titanium	Step	Length
12.11123.000 (S)	0 mm	31 mm
12.11123.002 (S)	2 mm	31 mm
12.11123.003 (S)	3 mm	31 mm
12.11123.004 (S)	4 mm	31 mm
12.11123.005 (S)	5 mm	31 mm

Plate Thickness	1.70 mm
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Fusion of the TMTI joint

Locking Plantar Lapidus-Plate



Titanium	Holes	Length
12.11124.004S	4	40 mm

Plate Thickness	1.70 mm
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Fusion of the TMTI joint

Locking T-Plates

also available in sterile (S)



Titanium	Holes	Length
12.15131.002 (S)	2 / 2	24 mm
12.15131.003 (S)	2 / 3	32 mm

Plate Thickness	1.50 mm
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Plate Width	7.00 mm
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For Fusion of the Lisfranc and Chopart joints and for fractures of distal wrist, proximal radius and distal Tibia fractures

Locking L-Plates 90°

also available in sterile (S)



Titanium	Holes Plate Head	Length
right		
12.15090.002 (S)	2 / 2	24 mm
12.15090.003 (S)	2 / 3	32 mm
left		
12.15090.102 (S)	2 / 2	24 mm
12.15090.103 (S)	2 / 3	32 mm

Plate Thickness	1.50 mm
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Plate Width	7.00 mm
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For Fusion of the Lisfranc and Chopart joints and for fractures of distal wrist, proximal radius and distal Tibia fractures

Locking L-Plates 110°

also available in sterile (S)



Titanium	Holes Plate Head	Length
right		
12.15110.003 (S)	2 / 3	34 mm
left		
12.15110.103 (S)	2 / 3	34 mm

Plate Thickness	1.50 mm
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Plate Width	7.00 mm
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For Fusion of the Lisfranc and Chopart joints and for fractures of distal wrist, proximal radius and distal Tibia fractures

PEDUS-R Locking Universal Plates

also available in sterile (S)



Titanium	Holes	Length
12.11123.024 (S)	4	23,5 mm
12.11123.045 (S)	6	45 mm
12.11123.055 (S)	8	55 mm
12.11123.076 (S)	12	76 mm

Plate Thickness	1.70 mm
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Fusion of mid- and rearfoot joints

Locking Adaption Plates



Titanium	Holes	Length
03.15092.003	3	27 mm
03.15092.004	4	35 mm
03.15092.005	5	43 mm
03.15092.006	6	51 mm
03.15092.007	7	59 mm
03.15092.008	8	67 mm
03.15092.010	10	83 mm
03.15092.012	12	99 mm

Plate Thickness	1.80 mm
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For diaphyseal and metaphyseal fractures of small bones such as ulna and radius; distal tibia and fractures in the middle and rearfoot.
In Stabilisationsosteosynthesen on the middle and hindfoot in diabetic feet. As Arthrodesenplatten for Central and hindfoot.

PEDUS-R Calcaneal Plates



Stainless Steel	Titanium	Length
12.10241.060	12.11241.060	60 mm
12.10241.070	12.11241.070	70 mm

Plate Thickness	2.00 mm
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Calcaneal fractures

PEDUS-R Locking Calcaneal Plates

also available in sterile (S)



Titanium	Length
12.11241.160 (S)	60 mm
12.11241.170 (S)	70 mm
12.11241.180 (S)	80 mm

Plate Thickness	1.60 mm
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Calcaneal fractures

Locking Cortical Screws Ø 3.0 mm, self-tapping

also available in sterile (S)



Titanium	Screw Length
10.03530.012 (S)	12 mm
10.03530.014 (S)	14 mm
10.03530.016 (S)	16 mm
10.03530.018 (S)	18 mm
10.03530.020 (S)	20 mm
10.03530.022 (S)	22 mm
10.03530.024 (S)	24 mm
10.03530.026 (S)	26 mm
10.03530.028 (S)	28 mm
10.03530.030 (S)	30 mm
10.03530.032 (S)	32 mm
10.03530.034 (S)	34 mm
10.03530.036 (S)	36 mm
10.03530.038 (S)	38 mm
10.03530.040 (S)	40 mm
10.03530.045 (S)	45 mm
10.03530.050 (S)	50 mm
10.03530.055 (S)	55 mm
10.03530.060 (S)	60 mm

Screw Diameter	3.00 mm
Core Diameter	1.90 mm
Drill bit for threaded hole	2.00 mm
Head Diameter	4.75 mm
Hexagon Socket	2.50 mm

For a locking plate fixation for fractures of the distal wrist and for the foot plates to treat fore-, mid- and rearfoot fractures and fusions

Cortical Screws Ø 2.7 mm, self-tapping

also available in sterile (S)



Titanium	Screw Length
03.03527.010 (S)	10 mm
03.03527.012 (S)	12 mm
03.03527.014 (S)	14 mm
03.03527.016 (S)	16 mm
03.03527.018 (S)	18 mm
03.03527.020 (S)	20 mm
03.03527.022 (S)	22 mm
03.03527.024 (S)	24 mm
03.03527.026 (S)	26 mm
03.03527.028 (S)	28 mm
03.03527.030 (S)	30 mm
03.03527.032 (S)	32 mm
03.03527.034 (S)	34 mm
03.03527.036 (S)	36 mm
03.03527.038 (S)	38 mm
03.03527.040 (S)	40 mm
03.03527.042 (S)	42 mm
03.03527.044 (S)	44 mm
03.03527.046 (S)	46 mm
03.03527.048 (S)	48 mm
03.03527.050 (S)	50 mm

Screw Diameter	2.70 mm
Core Diameter	1.90 mm
Drill bit for threaded hole	2.00 mm
Head Diameter	5.00 mm
Hexagon Socket	2.50 mm

For use as lag screw or for plate fixation for fractures of the distal wrist, forearm, distal humerus, olecranon, distal clavicle, distal fibula and forefoot procedures

Cannulated Screw, Ø 4.0mm, short threaded, self-drilling

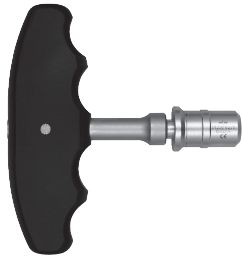


Titanium	Screw Length
08.03644.030	30 mm
08.03644.032	32 mm
08.03644.034	34 mm
08.03644.036	36 mm
08.03644.038	38 mm
08.03644.040	40 mm
08.03644.042	42 mm

Screw Diameter	4.00 mm
Core Diameter	2.35 mm
Head Diameter	5.00 mm
Drill bit for threaded hole	2.70 mm
Hexagon Socket	2.50 mm
Cannulation	1.35 mm

For the fixation of small fragments in the metaphyseal area and for joint fusion treatments

Instruments – Foot Systems



01.20010.270 T-Handle with Quick Coupling, cannulated



02.20050.010 Handle with AO Coupling



02.20100.038 Depth Gauge for Screws, range up to 38 mm



02.20120.015 Screw Forceps, self-holding



08.20060.032 Centering Sleeve 3.2 for Guide Wires Ø 1.6 mm



08.20120.016 Trocar Ø 1.6 mm



10.20010.020 Drill Bit Ø 2.0 mm, 2-flute, AO Coupling, L 112/84 mm



12.20010.002 Drill Bit Ø 2.0/1.0 mm, 3-flute, cannulated, AO Coupling, L 65/35 mm



12.20010.017 Drill Bit Ø 1.7 mm, 2-flute, AO Coupling, L 85/55 mm



12.20010.135 Drill Bit Ø 3.5/1.85 mm, 3-flute, cannulated, AO Coupling, L 150/120 mm



12.20010.150 Drill Bit Ø 5.0/2.8 mm, 3-flute, cannulated, round shaft, L 230 mm



12.20012.002 Step Reamer Ø 2.0/2.9 mm with stop, cannulated, L 63/23 mm



12.20012.003 Step Reamer ø 2.0/2.9 mm with stop, cannulated, short, L 53/13 mm

Instruments – Foot Systems



12.20016.125 Staple Impactor Basic Unit



12.20016.135 Staple Impactor for Staples 90°



12.20016.150 Staple Impactor for oblique Staples



12.20030.065 Countersink Ø 2.9 mm with stop, cannulated, AO Coupling, L 65 mm



12.20030.075 Reamer for arthrodesis, convex, small



12.20030.142 Countersink Ø 4.2 mm with stop, cannulated, AO Coupling, L 142 mm



12.20030.164 Countersink Ø 6.5 mm with stop, cannulated, AO Coupling, L 190 mm



12.20031.075 Reamer for arthrodesis, convex, large



12.20032.075 Reamer for arthrodesis, concave, small



12.20033.075 Reamer for arthrodesis, concave, large



12.20040.002 Screwdriver Shaft, hex 2.0 mm, cannulated, AO Coupling



12.20040.020 Screwdriver Shaft, hex 2.0 mm, AO Coupling



12.20040.025 Screwdriver Shaft, hex 2.5 mm, AO Coupling



12.20040.065 Screwdriver Shaft for CLICK OFF Screws, AO Coupling



12.20040.115 Screwdriver Shaft, T 15, cannulated, AO Coupling



12.20040.128 Screwdriver Shaft, Torx, cannulated, Quick Coupling

Instruments – Foot Systems



12.20050.020 Handle with AO Coupling, cannulated



12.20060.017 Double Drill Guide 2.0/1.7



12.20060.031 Drill Guide 1.7



10.20060.046 Drill Guide 2.0



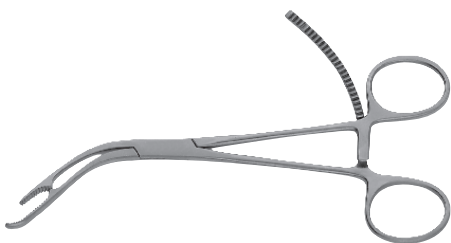
12.20060.050 Centering Sleeve 5.0 for Guide Wires Ø 2.5 mm



12.20060.060 Drill Sleeve 6.0/3.5



12.20060.085 Drill Sleeve 8.7/5.0



12.20070.160 Reduction Forceps



12.20100.060 Direct Measuring Device for Guide Wires Ø 1.0 mm



12.20100.080 Direct Measuring Device for Guide Wires Ø 1.7 mm

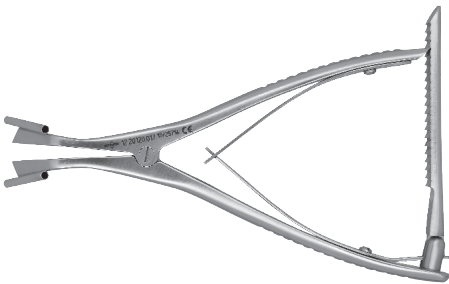


12.20100.120 Direct Measuring Device for Guide Wires Ø 2.5 mm

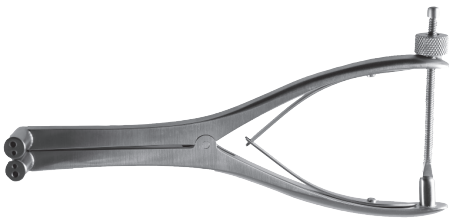
Instruments – Foot Systems



12.20120.016 Foot Spreader for Guide Wires Ø 1.8 mm



12.20120.017 Foot Spreader for Guide Wires Ø 2.5 mm



12.20120.018 Universal Foot Spreader for Guide Wires Ø 1.8 mm and 2.5 mm



12.20120.030 Trocar Ø 2.8 mm

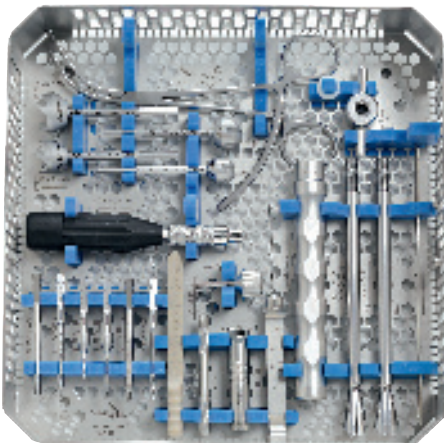


12.20120.055 Protection Sleeve 8.0/6.0 mm



12.20120.085 Protection Sleeve 10.6/8.7 mm

Click Off and TWIN Compression Screw Instruments – Set

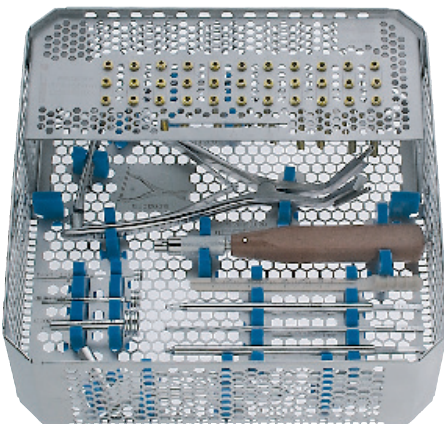


12.22140.150	Graphic Case TWIN Ø 3.0 / 4.0 - Click Off, Implants and Instruments
02.20050.010	Handle with AO Coupling
02.20100.038	Depth Gauge for Screws, range up to 38 mm
02.20120.015	Screw Forceps, self-holding
11.90010.070	Guide Wire Ø 1.0 mm, trocar tip, L 70 mm
11.90016.150	Guide Wire Ø 1.6 mm, trocar tip, L 150 mm
12.20010.002	Drill Bit Ø 2.0/1.0 mm, 3-flute, cannulated, AO Coupling, L 65/35 mm
12.20010.003	Drill bit, Ø 2.0 mm, 3 fluted, cannulated, round shaft Ø 2,35 mm
12.20012.002	Step Reamer Ø 2.0/2.9 mm with stop, cannulated, L 63/23 mm
12.20016.125	Staple Impactor Basic Unit
12.20016.135	Staple Impactor for Staples 90°
12.20016.150	Staple Impactor for oblique Staples
12.20030.065	Countersink Ø 2.9 mm with stop, cannulated, AO Coupling, L 65 mm
12.20040.002	Screwdriver Shaft, hex 2.0 mm, cannulated, AO Coupling
12.20040.065	Screwdriver Shaft for CLICK OFF Screws, AO Coupling
12.20100.060	Direct Measuring Device for Guide Wires Ø 1.0 mm

optional

12.20070.160	Reduction Forceps
12.20030.075	Reamer for arthrodesis, convex, small
12.20031.075	Reamer for arthrodesis, convex, large
12.20032.075	Reamer for arthrodesis, concave, small
12.20033.075	Reamer for arthrodesis, concave, large

TWIN Compression Screw Ø 4.5 / 5.5mm Instruments – Set

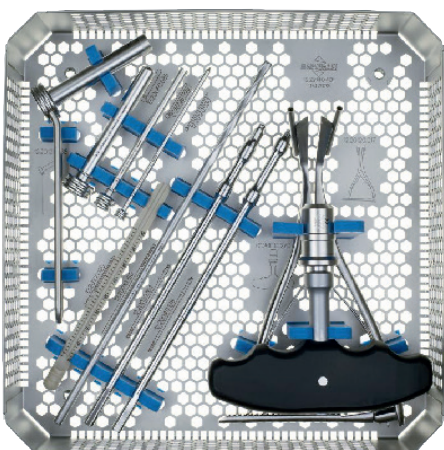


12.22140.300	Graphic Case TWIN Ø 4.5 / 5.5, Implants and Instruments
02.20120.015	Screw Forceps, self-holding
08.20060.032	Centering Sleeve 3.2 for Guide Wires Ø 1.6 mm
08.20120.016	Trocar Ø 1.6 mm
11.90217.150	Guide Wire Ø 1.7 mm, threaded tip, L 150 mm
12.20010.135	Drill Bit Ø 3.5/1.85 mm, 3-flute, cannulated, AO Coupling, L 150/120 mm
12.20030.142	Countersink Ø 4.2 mm with stop, cannulated, AO Coupling, L 142 mm
12.20040.115	Screwdriver Shaft, T 15, cannulated, AO Coupling
12.20050.020	Handle with AO Coupling, cannulated
12.20060.060	Drill Sleeve 6.0/3.5
12.20100.080	Direct Measuring Device for Guide Wires Ø 1.7 mm
12.20120.055	Protection Sleeve 8.0/6.0 mm

optional

12.20120.016	Foot Spreader for Guide Wires Ø 1.8 mm
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TWIN Compression Screw Ø 7.0 / 8.5mm Instruments – Set



12.22140.400	Graphic Case TWIN Ø 7.0 / 8.5, Instruments
01.20010.270	Quick coupling T-handle
12.20010.150	Drill Bit Ø 5.0/2.8 mm, 3-flute, cannulated, round shaft, L 230 mm
12.20030.164	Countersink Ø 6.5 mm with stop, cannulated, AO Coupling, L 190 mm
12.20040.128	Screwdriver Shaft, Torx, cannulated, Quick Coupling
12.20060.050	Centering Sleeve 5.0 for Guide Wires Ø 2.5 mm
12.20060.085	Drill Sleeve 8.7/5.0
12.20100.120	Direct Measuring Device for Guide Wires Ø 2.5 mm
12.20120.017	Foot Spreader for Guide Wires Ø 2.5 mm
12.20120.030	Trocar Ø 2.8 mm
12.20120.085	Protection Sleeve 10.6/8.7 mm

PEDUS-R Instruments – Set



12.22130.200	Graphic Case PEDUS-R, Implants and Instruments
02.20120.015	Screw Forceps, self-holding
03.20040.025	Screwdriver hexagonal, with Groove, hex 2.5 mm
03.20040.026	Holding Sleeve for Screws Ø 2.7/3.5/4.0 mm
03.20100.060	Depth Gauge for Screws, range up to 60 mm
10.20010.020	Drill Bit Ø 2.0 mm, 2-flute, AO Coupling, L 112/84 mm
10.20060.046	Drill Guide 2.0
10.20100.050	Depth Gauge for Screws, range up to 50 mm for REF 10.20060.046
11.90012.150	Kirschner Wire Ø 1.2 mm, trocar tip, L 150 mm
12.20060.017	Double Drill Guide 2.0/1.7



PEDUS-O, PEDUS-U and PEDUS-L Instruments – Set



12.22130.150	Graphic Case PEDUS-O / -U / -L, Implants and Instruments
02.20050.010	Handle with AO Coupling
02.20100.038	Depth Gauge for Screws, range up to 38 mm
02.20120.015	Screw Forceps, self-holding
10.20010.020	Drill Bit Ø 2.0 mm, 2-flute, AO Coupling, L 112/84 mm
10.20060.046	Drill Guide 2.0
11.90012.070	Kirschner Wire Ø 1.2 mm, trocar tip, L 70 mm
12.20010.017	Drill Bit Ø 1.7 mm, 2-flute, AO Coupling, L 85/55 mm
12.20040.020	Screwdriver Shaft, hex 2.0 mm, AO Coupling
12.20040.025	Screwdriver Shaft, hex 2.5 mm, AO Coupling
12.20060.017	Double Drill Guide 2.0/1.7
12.20060.031	Drill Guide 1.7

PEDUS-L Cannulated Screws Ø 4.0mm additional instruments and Implants



08.03644.030	Cannulated Screw Ø 4.0 mm, short thread, self-drilling, L 30 mm
08.03644.032	Cannulated Screw Ø 4.0 mm, short thread, self-drilling, L 32 mm
08.03644.034	Cannulated Screw Ø 4.0 mm, short thread, self-drilling, L 34 mm
08.03644.036	Cannulated Screw Ø 4.0 mm, short thread, self-drilling, L 36 mm
08.03644.038	Cannulated Screw Ø 4.0 mm, short thread, self-drilling, L 38 mm
08.03644.040	Cannulated Screw Ø 4.0 mm, short thread, self-drilling, L 40 mm
08.03644.042	Cannulated Screw Ø 4.0 mm, short thread, self-drilling, L 42 mm
12.22130.152	Graphic Tray for Lapidus, additional instruments and Implants
03.20040.026	Holding Sleeve for Screws Ø 2.7/3.5/4.0 mm
03.91000.070	Washer Ø 7.0 for screws Ø 2.7 mm/Ø 3.5 mm/Ø 4.0 mm, titanium
08.20030.035	Countersink, cannulated, for cannulated Screws Ø 3.5/4.0 mm,AO Coupling, L 160 mm
08.20040.025	Screwdriver hexagonal, cannulated, with Groove, hex 2.5 mm
08.20060.027	Double Drill Guide 2.7/1.25
08.20100.035	Direct Measuring Device for Guide Wires Ø 1.2 mm
08.20120.135	Cleaning Wire Ø 1.2 mm, L 200 mm
11.90212.150	Guide Wire Ø 1.2 mm, threaded tip, L 150 mm
12.20010.027	Drill Bit Ø 2.7/1.35 mm, 4-flute, cannulated, calibrated, AO Coupling, L 160/130 mm





14 Shoulder

WINSTA-PH Locking Proximal Humeral Plate System
WINSTA-PH MIS Instrumentation



WINSTA-PH Locking Cortical Screws Ø 3.5 mm, self-tapping

also available in sterile (S)



Titanium	Screw Length
14.03355.020 (S)	20 mm
14.03355.022 (S)	22 mm
14.03355.024 (S)	24 mm
14.03355.026 (S)	26 mm
14.03355.028 (S)	28 mm
14.03355.030 (S)	30 mm
14.03355.032 (S)	32 mm
14.03355.034 (S)	34 mm
14.03355.036 (S)	36 mm
14.03355.038 (S)	38 mm
14.03355.040 (S)	40 mm
14.03355.042 (S)	42 mm
14.03355.044 (S)	44 mm
14.03355.046 (S)	46 mm
14.03355.048 (S)	48 mm
14.03355.050 (S)	50 mm
14.03355.052 (S)	52 mm
14.03355.054 (S)	54 mm
14.03355.056 (S)	56 mm
14.03355.058 (S)	58 mm
14.03355.060 (S)	60 mm

Screw Diameter	3.50 mm
Core Diameter	2.50 mm
Drill bit for threaded hole	2.50 mm
Head Diameter	5.50 mm
Hexagon Socket	2.50 mm

For plate fixation in the diaphysis of the humerus

Cortical Screws Ø 3.5 mm, self-tapping

also available in sterile (S)



Titanium	Screw Length
03.03612.020 (S)	20 mm
03.03612.022 (S)	22 mm
03.03612.024 (S)	24 mm
03.03612.026 (S)	26 mm
03.03612.028 (S)	28 mm
03.03612.030 (S)	30 mm
03.03612.032 (S)	32 mm
03.03612.034 (S)	34 mm
03.03612.036 (S)	36 mm
03.03612.038 (S)	38 mm
03.03612.040 (S)	40 mm

Screw Diameter	3.50 mm
Core Diameter	2.40 mm
Drill bit for threaded hole	2.50 mm
Head Diameter	6.00 mm
Hexagon Socket	2.50 mm

For use as lag screw or for plate fixation for fractures of the distal wrist, forearm, humerus shaft, distal/proximal humerus, olecranon, clavicle, distal fibula, distal/proximal tibia/tibia and mid-, rearfoot procedures

WINSTA-PH Proximal Humeral Locking Plates

also available in sterile (S)



Titanium	Shaft	Description	Length
14.11133.003 (S)	3-hole	right	85 mm
14.11133.005 (S)	5-hole	right	106 mm
14.11133.007 (S)	7-hole	right	127 mm
14.11133.010 (S)	10-hole	right	168 mm
14.11133.012 (S)	12-hole	right	196 mm
14.11133.014 (S)	14-hole	right	224 mm
14.11133.103 (S)	3-hole	left	85 mm
14.11133.105 (S)	5-hole	left	106 mm
14.11133.107 (S)	7-hole	left	127 mm
14.11133.110 (S)	10-hole	left	168 mm
14.11133.112 (S)	12-hole	left	196 mm
14.11133.114 (S)	14-hole	left	224 mm

Holes Head	10
Plate Thickness Head	2.50 mm
Plate Thickness Shaft	3.00 mm
Plate Width Head	26.00 mm
Plate Width Shaft	13.00 mm

For 2-, 3- and 4- fractures in reconstructed skull fractures, but also in pathological fractures and corrective osteotomies for nonunion

Guide Wire Ø 1.6 mm, trocar tip, L 150 mm

also available in sterile (S)



Stainless Steel	Diameter	Length
11.90016.150 (S)	1.6 mm	150 mm

For temporary plate and reduction and for the fixation of small fractures or fusions of small bones

Packaging unit 10 pcs. (5 pcs.)

Instruments – WINSTA-PH Proximal Humeral Plate



14.20010.030 Drill Guide 2.5



14.20100.060 WINSTA-PH Depth Gauge for Screws, range up to 60 mm for REF 14.20010.010



02.20120.015 Screw Forceps, self-holding



03.20010.425 Drill Bit Ø 2.5 mm, 2-flute, AO Coupling, calibrated, L 160/135 mm



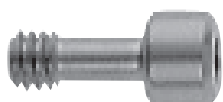
03.20040.025 Screwdriver hexagonal, with Groove, hex 2.5 mm



03.20040.026 Holding Sleeve for Screws Ø 2.7/3.5/4.0 mm



14.20010.040 Guiding Block for WINSTA-PH Plate



14.20010.041 WINSTA-PH Coupling Screw for REF 14.20010.040



14.20010.010 WINSTA-PH Drill Guide 2.5



14.20010.020 WINSTA-PH Guide Sleeve for Kirschner Wire Ø 1.6 mm



14.20010.070 WINSTA-PH Guide Sleeve Ø 6.0

Instruments – WINSTA-PH Proximal Humeral Plate



01.20202.006 Handle for guide frame



14.20010.125 Drill Bit Ø 2.5 mm, 2-flute, calibrated, AO Coupling, L 230/200 mm



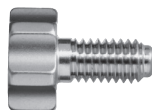
14.20060.010 WINSTA-PH MIS Targeting Device



14.20060.011 WINSTA-PH MIS Targeting Module, right



14.20060.012 WINSTA-PH MIS Targeting Module, left

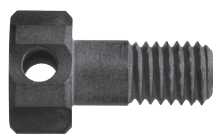


14.20060.013 WINSTA-PH MIS Assembling Screw for Targeting Device

Instruments – WINSTA-PH Proximal Humeral Plate



14.20060.014 WINSTA-PH MIS Pin Wrench Ø 4.0 mm for REF 14.20060.015



14.20060.015 WINSTA-PH MIS Assembling Screw for Targeting Device / Targeting Modules



14.20060.016 WINSTA-PH MIS Coupling Screw for Plate



14.20060.020 WINSTA-PH MIS Guide Sleeve Ø 6.0



14.20060.030 WINSTA-PH MIS Trocar Ø 1.6 mm



14.20060.040 WINSTA-PH MIS Guide Sleeve for Kirschner Wire Ø 1.6 mm



14.20060.050 WINSTA-PH MIS Drill Guide 2.5



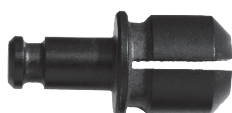
14.20060.060 WINSTA-PH MIS Depth Gauge for Screws, range up to 60 mm



14.20060.065 WINSTA-PH MIS Screwdriver hexagonal, hex 2.5 mm



14.20060.070 WINSTA-PH MIS Height Determination Device



14.20060.080 WINSTA-PH MIS Cover Pins for Targeting Device

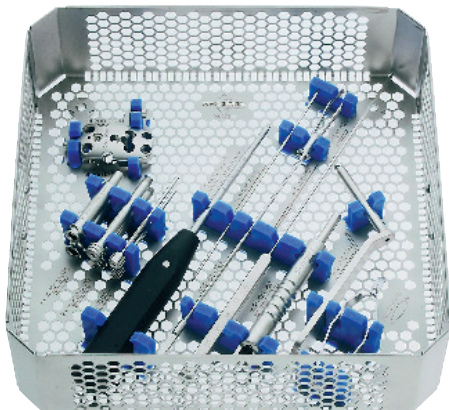


11.90016.280 Kirschner Wire Ø 1.6 mm, trocar tip, L 280 mm



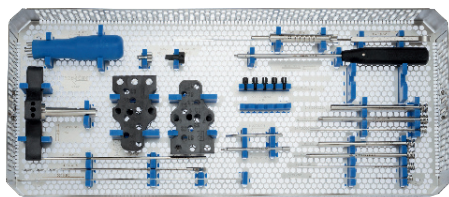
03.20040.225 Torque-limiting Screwdriver 1,5 Nm, hex 2.5 mm

WINSTA-PH Proximal Humeral Plate Instruments - Set



14.22140.000	Graphic Case WINSTA-PH, Implants and Instruments
02.20120.015	Screw Forceps, self-holding
03.20010.425	Drill Bit Ø 2.5 mm, 2-flute, AO Coupling, calibrated, L 160/135 mm
03.20040.025	Screwdriver hexagonal, with Groove, hex 2.5 mm
03.20040.026	Holding Sleeve for Screws Ø 2.7/3.5/4.0 mm
14.20010.010	WINSTA-PH Drill Guide 2.5
14.20010.020	WINSTA-PH Guide Sleeve for Kirschner Wire Ø 1.6 mm
14.20010.070	WINSTA-PH Guide Sleeve Ø 6.0
14.20010.030	Drill Guide 2.5
14.20010.040	Guiding Block for WINSTA-PH Plate
14.20010.041	WINSTA-PH Coupling Screw for REF 14.20010.040
14.20100.060	WINSTA-PH Depth Gauge for Screws, range up to 60 mm for REF 14.20010.010
11.90016.150	Guide Wire Ø 1.6 mm, trocar tip, L 150 mm

WINSTA-PH MIS Instruments - Set



14.22140.100	Graphic Case WINSTA-PH MIS, Instruments
01.20202.006	Handle for guide frame
03.20040.225	Torque-limiting Screwdriver 1,5 Nm, hex 2.5 mm
11.90016.280	Kirschner Wire Ø 1.6 mm, trocar tip, L 280 mm
14.20010.125	Drill Bit Ø 2.5 mm, 2-flute, calibrated, AO Coupling, L 230/200 mm
14.20060.010	WINSTA-PH MIS Targeting Device
14.20060.011	WINSTA-PH MIS Targeting Module, right
14.20060.012	WINSTA-PH MIS Targeting Module, left
14.20060.013	WINSTA-PH MIS Assembling Screw for Targeting Device
14.20060.014	WINSTA-PH MIS Pin Wrench Ø 4.0 mm for REF 14.20060.015
14.20060.015	WINSTA-PH MIS Assembling Screw for Targeting Device / Targeting Modules
14.20060.016	WINSTA-PH MIS Coupling Screw for Plate
14.20060.020	WINSTA-PH MIS Guide Sleeve Ø 6.0
14.20060.030	WINSTA-PH MIS Trocar Ø 1.6 mm
14.20060.040	WINSTA-PH MIS Guide Sleeve for Kirschner Wire Ø 1.6 mm
14.20060.050	WINSTA-PH MIS Drill Guide 2.5
14.20060.060	WINSTA-PH MIS Depth Gauge for Screws, range up to 60 mm
14.20060.065	WINSTA-PH MIS Screwdriver hexagonal, hex 2.5 mm
14.20060.070	WINSTA-PH MIS Height Determination Device
14.20060.080	WINSTA-PH MIS Cover Pins for Targeting Device
	optional
14.22140.102	Graphic Case WINSTA-PH MIS, Implant Tray for REF 14.22140.100
14.22140.104	Graphic Case WINSTA-PH MIS, Instrument Tray for REF 14.22140.100



Marquardt implants are made either of stainless, anti-magnetic, austenitic chromium-nickel steel or of titanium.

Titanium is used as unalloyed titanium or as a titanium alloy.

All raw materials comply with the international ISO standard as well as with the applicable national DIN and ASTM standards.

The raw materials are sourced from exclusive manufacturers in accordance with uniform specifications and under constant delivery conditions.

For optimization of the raw material quality, Marquardt restricts, by internal specifications, the chemical composition, mechanical properties and purity of structure even more stringently than required by international standards.

For all raw materials, in addition to the certified material testing by the raw material supplier an additional material testing prompted by Marquardt is conducted in the laboratory according to statistical criteria. The material is released by Marquardt for production only if all values comply with the internal regulations.



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14.30060.062	118	03.03540.012 (S)	30	09.03849.036S	107	10.03530.024 (S)	32	12.03340.012 (S)	139
14.30060.065	118	03.03540.014 (S)	30	09.03849.038S	107	10.03530.024 (S)	144	12.03340.014 (S)	139
14.30060.070	118	03.03540.016 (S)	30	09.03849.040S	107	10.03530.026 (S)	32	12.03340.016 (S)	139
14.30060.073	118	03.03540.018 (S)	30	09.03849.042S	107	10.03530.026 (S)	144	12.03340.018 (S)	139
14.30060.074	118	03.03540.020 (S)	30	09.03849.044S	107	10.03530.028 (S)	32	12.03340.020 (S)	139
14.30060.075	118	03.03540.022 (S)	30	09.03849.046S	107	10.03530.028 (S)	144	12.03340.022 (S)	139
14.30060.082	119	03.03540.024 (S)	30	09.03849.048S	107	10.03530.030 (S)	32	12.03340.024 (S)	139
14.30060.085	119	03.03540.026 (S)	30	09.03849.050S	107	10.03530.030 (S)	144	12.03340.026 (S)	139
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