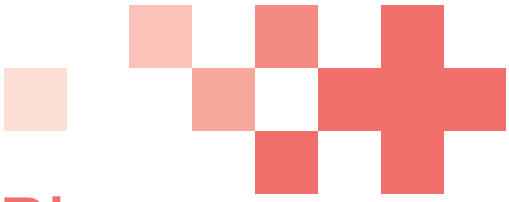
CATALOG 2026

TRAUMA
IMPLANTS AND INSTRUMENTS

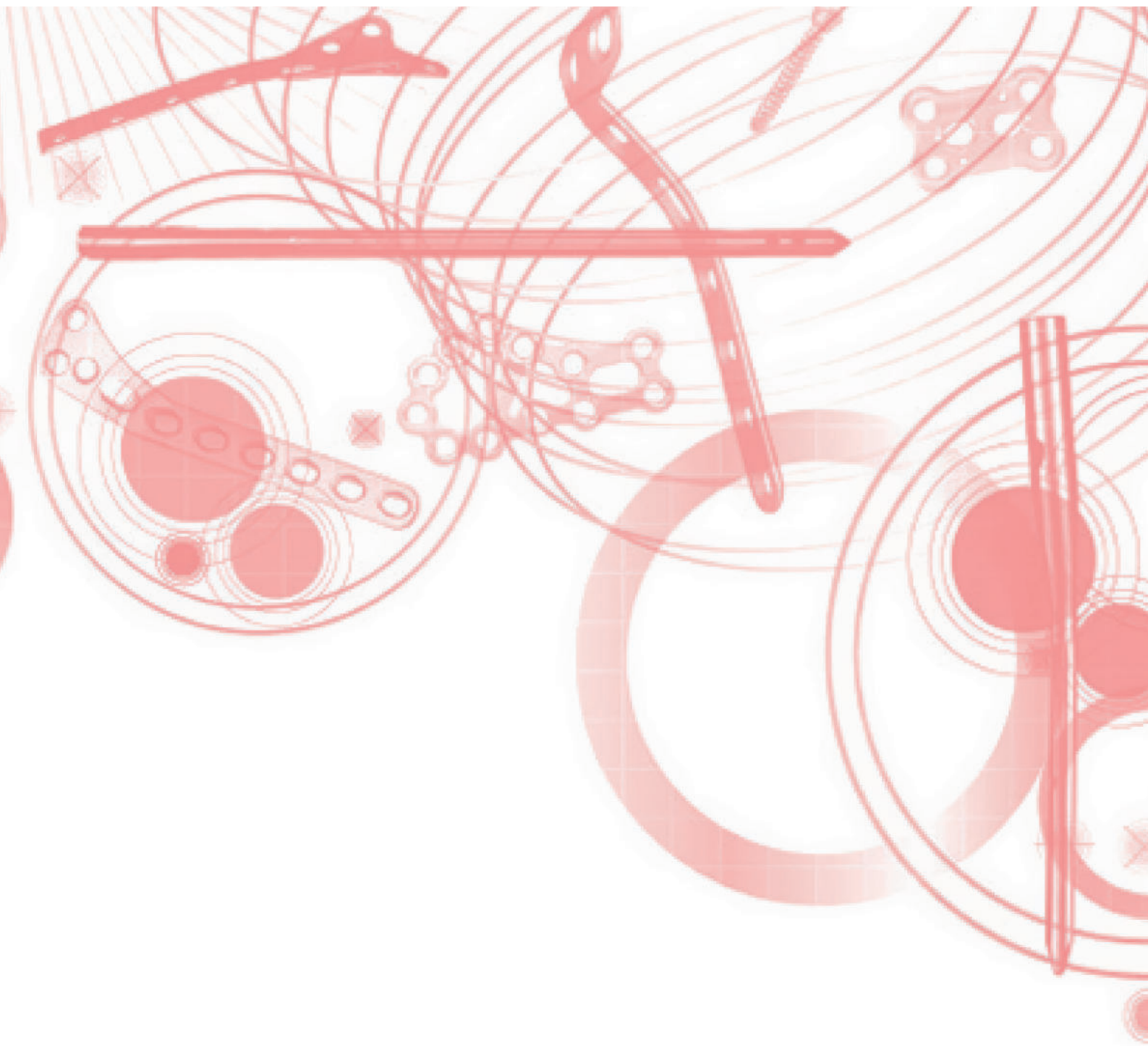
Plus.
Trust across
Time





Plus.

Trust across Time



IMPLANTS

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PLATE

Plates

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Intramedullary Nails

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Clavicle Hook Plate Locking

- Titanium alloy
- Thickness – 3.5 mm
- Width – 10.0 mm
- ⌀ screw – 3.5 mm



Left	Right	Length, mm	Holes	Hook height
90.51.05	90.50.05	81,6	5	15
90.53.05	90.52.05	81,6	5	18

Clavicle Hook Plate Anatomical

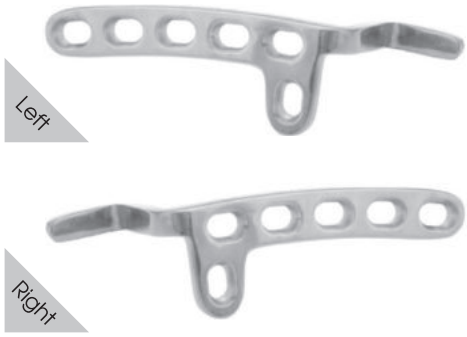
- Titanium alloy
- Thickness – 3.7 mm
- Width – 11.0 mm
- ⌀ screw – 3.5 mm



Left	Right	Length, mm	Holes	Hook height
90.54.04	90.55.04	72	4	15
90.54.05	90.55.05	87	5	15
90.54.06	90.55.06	102	6	15
90.56.04	90.57.04	72	4	18
90.56.05	90.57.05	87	5	18
90.56.06	90.57.06	102	6	18

Clavicle Hook Plate Non-Locking

- Titanium alloy
- Thickness – 3.5 mm
- Width – 10.0-22.7 mm
- ⌀ screw – 3.5 mm



Left	Right	Length, mm	Holes	Hook height
93.24.082	93.23.082	81,6	6	15
93.26.082	93.25.082	81,6	6	18

Upper Extremity Plates

Anterosuperior clavicle locking plate

- Titanium alloy
- Thickness – 3.3 mm
- Width – 10.4 mm
- ⌀ screw – 3.5 mm



Left	Right	Length, mm	Holes
90.23.06	90.24.06	94	6
90.23.07	90.24.07	110	7
90.23.08	90.24.08	120	8

S-shaped clavicle plate

- Titanium alloy
- Thickness – 2.0 mm
- ⌀ screw – 3.5 mm



Left	Right	Length, mm	Width, mm	Holes
93.30.095	93.31.095	95	10	6
93.28.112	93.29.112	112	12	6

Proximal humeral locking plate

- Titanium alloy
- Thickness – 3.0 mm
- Width – min 12.0 mm, max 20.0 mm
- ⌀ screw – 3.5 mm



	Length, mm	Holes		Length, mm	Holes
90.12.03	90	3	90.12.05	114	5
90.12.04	102	4	90.12.06	126	6

Olecranon Plate

- Titanium alloy
- Thickness – 4.3 mm
- Width – 11.0 mm
- ⌀ screw – 2.7 / 3.5 mm



Left	Right	Length, mm	Holes
90.21.02	90.22.02	92	2
90.21.04	90.22.04	120	4
90.21.06	90.22.06	144	6
90.21.08	90.22.08	170	8

Upper Extremity Plates

Medial distal humeral locking plate

- Titanium alloy
- Thickness – 3.0 mm
- Width – 11.5 mm
- ⌀ screw – 2.7 / 3.5 mm



Left	Right	Length, mm	Holes
90.30.03	90.31.03	64	3
90.30.05	90.31.05	88	5
90.30.07	90.31.07	114	7
90.30.09	90.31.09	140	9

Dorsolateral distal humeral locking plate with support

- Titanium alloy
- Thickness – 3.0 mm
- Width – 11.0 mm
- ⌀ screw – 2.7 / 3.5 mm



Left	Right	Length, mm	Holes
90.32.03	90.33.03	65	3
90.32.05	90.33.05	90	5
90.32.07	90.33.07	116	7
90.32.09	90.33.09	142	9

Dorsolateral distal humeral locking plate

- Titanium alloy
- Thickness – 3.0 mm
- Width – 11.0 mm
- ⌀ screw – 2.7 / 3.5 mm



Left	Right	Length, mm	Holes
90.58.03	90.59.03	66	3
90.58.05	90.59.05	91	5
90.58.07	90.59.07	117	7
90.58.09	90.59.09	143	9

Non-locking Distal Humerus Condylar Plate

- Titanium alloy
- Thickness – 3.5 / 2.5 mm
- Width – 60.0 mm
- Ø screw – 3.5 / 4.5 mm

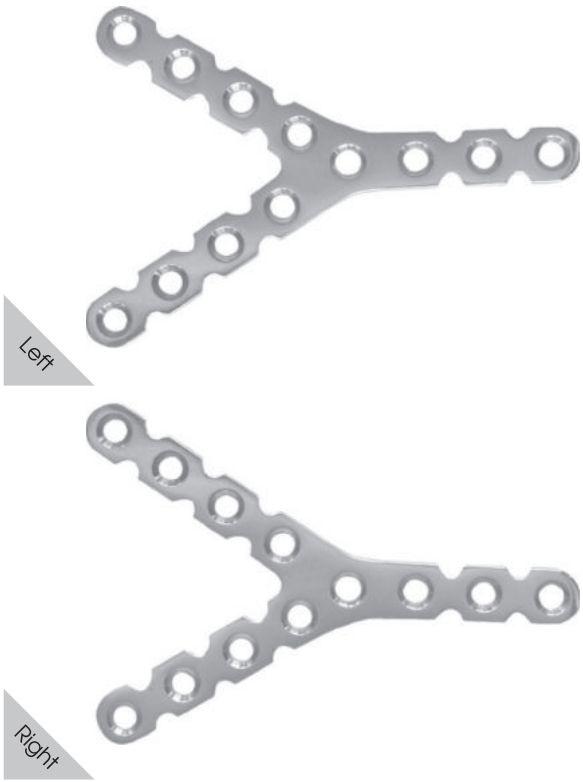


Left	Right	Length, mm	Holes
94.82.09	94.83.09	240	9

Y-plate

- **Stainless Steel**
- Thickness – 2.0 mm
- Width – min 10.0 mm, max 61.7 mm
- Ø screw – 3.5 mm

Left	Right	Length, mm	Holes
93.18.90	93.19.90	87	12



Upper Extremity Plates

Two-column volar distal radius plate

- Titanium alloy
- Thickness – 2.5 mm
- Width – 7.6 mm
- ⌀ screw – 2.4 mm

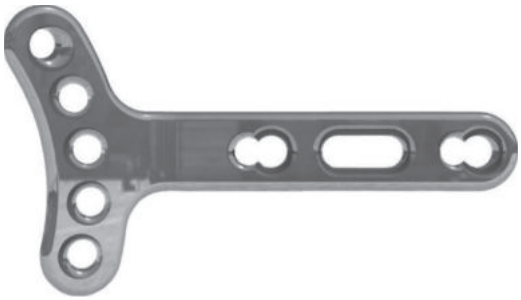
Left	Right	Length, mm	Holes
90.00.02	90.01.02	45	6
90.00.03	90.01.03	54	6
90.00.04	90.01.04	66	6
90.00.05	90.01.05	75	6
90.02.02	90.03.02	47	7
90.02.03	90.03.03	56	7
90.02.04	90.03.04	68	7
90.02.05	90.03.05	77	7



Distal radius locking plate

- Titanium alloy
- Thickness – 2.0 mm
- Width – min 8.2 mm, max 28.0 mm
- ⌀ screw – 2.3 mm

Left	Right	Length, mm	Holes
90.05.03	90.04.03	50	3
90.05.04	90.04.04	59	4
90.05.05	90.04.05	68	5
90.05.06	90.04.06	77	6



Small T-plate

- Titanium alloy
- Thickness – 1.5 mm
- Width – min 11.0 mm, max 4.0 mm
- ⌀ screw – 3.5 mm



	Length, mm	Holes
93.20.050	50	3
93.20.057	57	4
93.20.067	67	5
93.20.078	78	6

Oblique T-plate

- Titanium alloy
- Thickness – 1.5 mm
- Width – min 11.0 mm, max 22.7 mm
- ⌀ screw – 3.5 mm





Left	Right	Length, mm	Holes
93.22.053	93.21.053	53	3
93.22.064	93.21.064	64	4
93.22.075	93.21.075	75	5

Lower Extremity Plates

Distal femoral locking plate

- Titanium alloy
- Thickness – 6.0 mm
- Width – min 16.0 mm, max 33.0 mm
- ⌀ screw – 5.0 mm



Left	Right	Length, mm	Holes
90.35.06	90.36.06	180	6
90.35.08	90.36.08	220	8
90.35.10	90.36.10	260	10
90.35.12	90.36.12	300	12

Broad straight locking plate

- Titanium alloy
- Thickness – 5.2 mm
- Width – 17.5 mm
- ⌀ screw – 5.0 mm



	Length, mm	Holes		Length, mm	Holes
90.27.08	178	8	90.27.12	250	12
90.27.10	214	10	90.27.14	286	14

Broad straight compression plate

- Titanium alloy
- Thickness – 5.2 mm
- Width – 17.5 mm
- ⌀ screw – 4.5 mm



	Length, mm	Holes		Length, mm	Holes
94.14.106	107	6	94.14.214	215	12
94.14.124	125	7	94.14.232	233	13
94.14.142	143	8	94.14.250	251	14
94.14.160	161	9	94.14.268	269	15
94.14.178	179	10	94.14.286	287	16
94.14.196	197	11			

Proximal femoral trochanteric plate

- Titanium alloy
- Thickness – 4.0 mm
- Width – 17.0 mm
- Ø screw – 3.5 mm



	Length, mm	Holes
90.20.10	131	6
90.20.12	148	8
90.20.14	165	10

Periprosthetic femoral plate

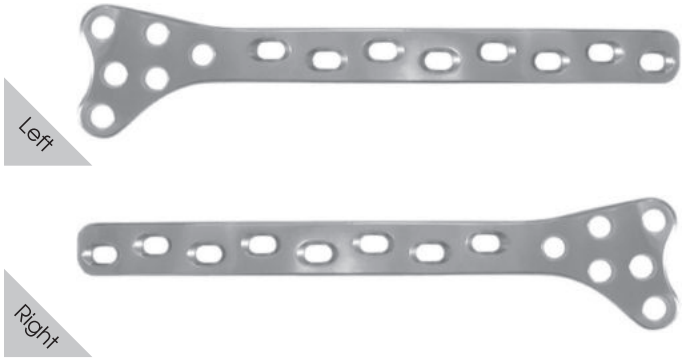
- Titanium alloy
- Thickness – 10.0 mm
- Width – 20.0 mm
- Ø screw – 5.0 mm



	Length, mm	Holes
94.51.012	225	12
94.51.014	250	14
94.51.016	290	16

Distal femoral condylar plate

- Titanium alloy
- Thickness – 6.0 mm
- Width – min 18.0 mm, max 41.0 mm
- Ø screw – 4.5 mm



Left	Right	Length, mm	Holes
94.22.158	94.21.158	158	6
94.22.194	94.21.194	194	8
94.22.230	94.21.230	230	10
94.22.266	94.21.266	266	12

Lower Extremity Plates

Medial proximal tibial locking plate

- Titanium alloy
- Thickness – 3.7 mm
- Width – 11.0 mm
- ⌀ screw – 3.5 mm



Left	Right	Length, mm	Holes
90.46.04	90.47.04	93	4
90.46.06	90.47.06	119	6
90.46.08	90.47.08	145	8
90.46.10	90.47.10	171	10
90.46.12	90.47.12	197	12
90.46.14	90.47.14	223	14

Lateral proximal tibial locking plate

- Titanium alloy
- Thickness – 3.9 mm
- Width – 11.0 mm
- ⌀ screw – 3.5 mm



Left	Right	Length, mm	Holes
90.48.04	90.49.04	76	4
90.48.06	90.49.06	102	6
90.48.08	90.49.08	128	8
90.48.10	90.49.10	154	10
90.48.12	90.49.12	180	12
90.48.14	90.49.14	206	14
90.48.16	90.49.16	232	16

Anterolateral distal tibial locking plate

- Titanium alloy
- Thickness – 3.7 mm
- Width – 13.5 mm
- ⌀ screw – 3.5 mm



Left	Right	Length, mm	Holes
90.16.04	90.17.04	109	4
90.16.06	90.17.06	135	6
90.16.08	90.17.08	161	8
90.16.10	90.17.10	187	10

Proximal tibial locking plate

- Titanium alloy
- Thickness – 5.0 mm
- Width – min 13.5 mm, max 23.0 mm
- ø screw – 5.0 mm



Left	Right	Length, mm	Holes
90.38.06	90.39.06	157	6
90.38.08	90.39.08	197	8
90.38.10	90.39.10	237	10
90.38.12	90.39.12	277	12

Medial distal tibial locking plate

- Titanium alloy
- Thickness – 3.0 mm
- Width – min 13.4 mm, max 20.6 mm
- ø screw – 3.5 mm



Left	Right	Length, mm	Holes
90.08.04	90.09.04	113	4
90.08.06	90.09.06	139	6
90.08.08	90.09.08	165	8
90.08.10	90.09.10	191	10

Narrow straight locking plate 3.5/4.5/5.0

- Titanium alloy
- Thickness – 4.6 mm
- Width – 13.5 mm
- ø screw – 3.5 / 4.5 / 5.0 mm



	Length, mm	Holes
90.29.08	118	8
90.29.10	154	10
90.29.12	190	12
90.29.14	226	14

Lower Extremity Plates

Proximal tibial condylar compression plate

- Titanium alloy
- Thickness – 5.0 mm
- Width – min 13.5 mm, max 23.0 mm
- ø screw – 4.5 mm

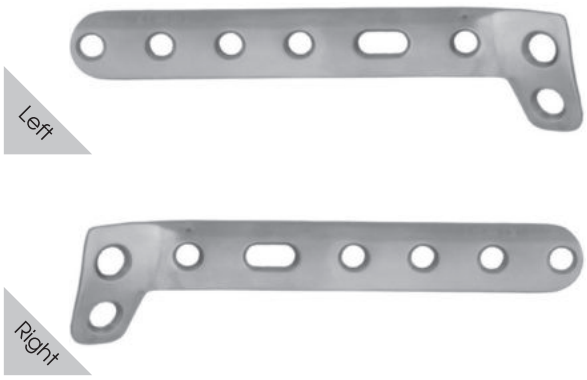
Left	Right	Length, mm	Holes
94.24.161	94.23.161	161	6
94.24.197	94.23.197	197	8
94.24.233	94.23.233	233	10
94.24.269	94.23.269	269	12



L-shaped plate

- Titanium alloy
- Thickness – 2.0 mm
- Width – min 16.5 mm, max 29.0 mm
- ø screw – 4.5 mm

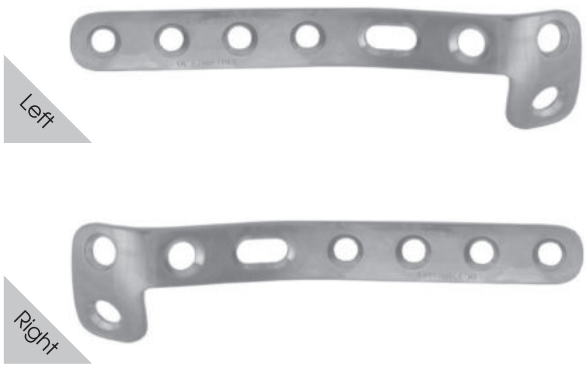
Left	Right	Length, mm	Holes
94.18.084	94.17.084	84	4
94.18.116	94.17.116	116	6
94.18.148	94.17.148	148	8



L-shaped buttress plate

- Titanium alloy
- Thickness – 2.5 mm
- Width – min 14.0 mm, max 29.0 mm
- ø screw – 4.5 mm

Left	Right	Length, mm	Holes
94.20.087	94.19.087	87	4
94.20.103	94.19.103	103	5
94.20.119	94.19.119	119	6



Straight T-shaped plate

- Titanium alloy
- Thickness – 2.0 mm
- Width – 16.5 mm
- ⌀ screw – 4.5 mm



	Length, mm	Holes
94.15.068	68	3
94.15.084	84	4
94.15.100	100	5
94.15.116	116	6
94.15.132	132	7
94.15.148	148	8

Straight T-shaped buttress plate

- Titanium alloy
- Thickness – 2.5 mm
- Width – 14.0 mm
- ⌀ screw – 4.5 mm



	Length, mm	Holes
94.16.087	87	3
94.16.103	103	4
94.16.119	119	5
94.16.135	135	6

Lower Extremity Plates

Cloverleaf plate, non-locking



- Titanium alloy
- Thickness – 1.5 mm
- Width – min 17.0 mm, max 40.0 mm
- ⌀ screw – 3.5 mm

	Length, mm	Holes		Length, mm	Holes
93.17.089	89	4	93.17.134	134	7
93.17.104	104	5	93.17.149	149	8
93.17.119	119	6	93.17.164	164	9

Spoon-shaped non-locking plate



- Titanium alloy
- Thickness – 1.5 mm
- Width – min 17.0 mm, max 33.0 mm
- ⌀ screw – 3.5 mm

	Length, mm	Holes
93.16.100	100	6
93.16.120	120	7

Narrow straight compression plate



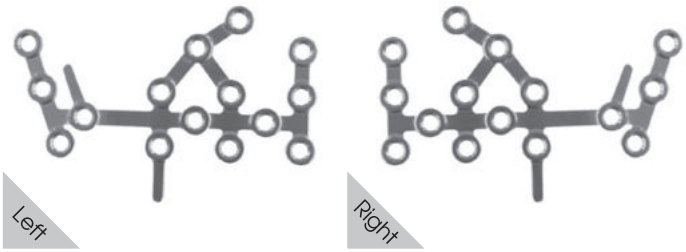
- Titanium alloy
- Thickness – 4.6 mm
- Width – 13.5 mm
- ⌀ screw – 4.5 mm

	Length, mm	Holes		Length, mm	Holes
94.13.088	88	5	94.13.196	196	11
94.13.106	106	6	94.13.214	214	12
94.13.124	124	7	94.13.232	232	13
94.13.142	142	8	94.13.250	250	14
94.13.160	160	9	94.13.268	268	15
94.13.178	178	10	94.13.286	286	16

Calcaneal reconstructive locking plate

- Titanium alloy
- Thickness – 2.0 mm
- Width – 38.0 mm
- ⌀ screw – 3.5 mm

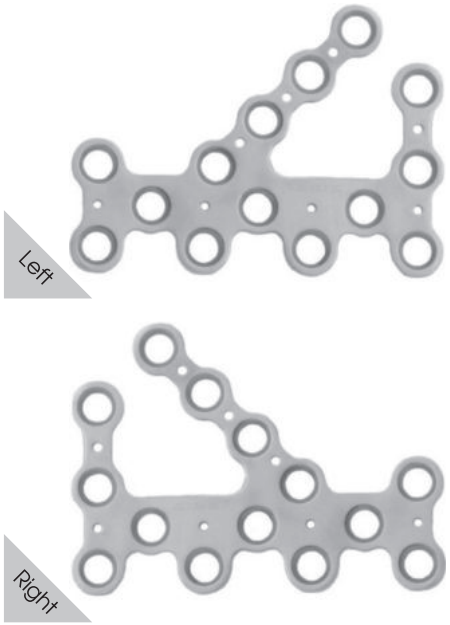
Left	Right	Length, mm
90.18.64	90.19.64	64
90.18.74	90.19.74	74



Calcaneal plate

- Titanium alloy
- Thickness – 1.5 mm
- Width – max 43.7 mm
- ⌀ screw – 3.5 mm

Left	Right	Length, mm	Holes
93.14.060	93.15.060	60	14



Ankle Fusion Plates

Anterior ankle fusion plate

- Titanium alloy
- Thickness – 3.8 mm
- Width – 10.6 mm
- ⌀ screw – 3.5 mm



Left	Right	Length, mm	Holes
90.42.03	90.43.03	65	3
90.42.05	90.43.05	91	5

Anteroposterior ankle fusion plate

- Titanium alloy
- Thickness – 3.8 mm
- Width – 10.6 mm
- ⌀ screw – 3.5 mm



Left	Right	Length, mm	Holes
90.44.05	90.45.05	103	5

8-Shaped plates*

- Titanium alloy
- Thickness – 2.0 mm
- ⌀ screw – 5.0 mm

Art.	Length, mm	
94.30.016	26	Curved
94.30.018	28	
94.31.016	26	Straight
94.31.018	28	



*The plates are used with cannulated screws
⌀ 5.0 22.25.XX and 22.33.XX (see page 31 for details)

Universal Plates

1/3 tubular locking plate

- Titanium alloy
- Thickness – 1.5 mm
- Width – 10.0 mm
- ⌀ screw – 3.5 mm



	Length, mm	Holes		Length, mm	Holes		Length, mm	Holes
90.14.04	48	4	90.14.07	84	7	90.14.10	120	10
90.14.05	60	5	90.14.08	96	8	90.14.11	132	11
90.14.06	72	6	90.14.09	108	9	90.14.12	144	12

Reconstructive locking plate

- Titanium alloy
- Thickness – 2.8 mm
- Width – 10.0 mm
- ⌀ screw – 3.5 mm



	Length, mm	Holes		Length, mm	Holes		Length, mm	Holes
90.07.06	85	6	90.07.10	141	10	90.07.14	197	14
90.07.08	113	8	90.07.12	169	12	90.07.16	225	16

Narrow straight locking plate

- Titanium alloy
- Thickness – 4.6 mm
- Width – 13.5 mm
- ⌀ screw – 5.0 mm



	Length, mm	Holes		Length, mm	Holes		Length, mm	Holes
90.28.06	121	6	90.28.10	193	10	90.28.14	265	14
90.28.08	157	8	90.28.12	229	12			

Small straight metaphyseal locking plate

- Titanium alloy
- Thickness – 3.2 mm
- Width – 11.0 mm
- ⌀ screw – 3.5 mm



	Length, mm	Holes		Length, mm	Holes
90.06.06	86,5	6	90.06.10	138,5	10
90.06.08	112,5	8	90.06.12	164,5	12

Reconstructive plate

- Titanium alloy
- Thickness – 2.8 mm
- Width – 10.0 mm
- ⌀ screw – 3.5 mm



	Length, mm	Holes		Length, mm	Holes		Length, mm	Holes
94.12.048	48	4	94.12.096	96	8	94.12.144	144	12
94.12.072	72	6	94.12.120	120	10	94.12.168	168	14
						94.12.192	192	16

Small straight limited-contact plate

- Titanium alloy
- Thickness – 3.2 mm
- Width – 11.0 mm
- ⌀ screw – 3.5 mm



	Length, mm	Holes		Length, mm	Holes
93.13.064	64	5	93.13.116	116	9
93.13.077	77	6	93.13.129	129	10
93.13.090	90	7	93.13.142	142	11
93.13.103	103	8	93.13.155	155	12

1/3 tubular plate

- Titanium alloy
- Thickness – 1.5 mm
- Width – 10.0 mm
- ⌀ screw – 3.5 mm



	Length, mm	Holes		Length, mm	Holes		Length, mm	Holes
93.11.054	54	4	93.11.096	96	7	93.11.138	138	10
93.11.068	68	5	93.11.110	110	8	93.11.152	152	11
93.11.082	82	6	93.11.124	124	9	93.11.166	166	12

Locking screws

Locking screw Ø 2.3

- Titanium alloy
- Ø screw – 2.3 mm
- Square drive – 1.2 mm



	Length, mm		Length, mm		Length, mm
85.02.08	8	85.02.16	16	85.02.24	24
85.02.10	10	85.02.18	18	85.02.26	26
85.02.12	12	85.02.20	20	85.02.28	28
85.02.14	14	85.02.22	22	85.02.30	30

Locking screw Ø 2.4

- Titanium alloy
- Ø screw – 2.4 mm
- Hex drive – 2.5 mm / Torx T8



S2,5	T8	Length, mm	S2,5	T8	Length, mm
85.24.10	85.30.10	10	85.24.30	85.30.30	30
85.24.12	85.30.12	12	85.24.32	85.30.32	32
85.24.14	85.30.14	14	85.24.34	85.30.34	34
85.24.16	85.30.16	16	85.24.36	85.30.36	36
85.24.18	85.30.18	18	85.24.38	85.30.38	38
85.24.20	85.30.20	20	85.24.40	85.30.40	40
85.24.22	85.30.22	22	85.24.45	85.30.45	45
85.24.24	85.30.24	24	85.24.50	85.30.50	50
85.24.26	85.30.26	26	85.24.55	85.30.55	55
85.24.28	85.30.28	28	85.24.60	85.30.60	60

Locking screw Ø 2.7

- Titanium alloy
- Ø screw – 2.7 mm
- Hex drive – 2.5 mm / Torx T8



S2,5	T8	Length, mm	S2,5	T8	Length, mm	S2,5	T8	Length, mm
85.27.10	85.31.10	10	85.27.26	85.31.26	26	85.27.42	85.31.42	42
85.27.12	85.31.12	12	85.27.28	85.31.28	28	85.27.44	85.31.44	44
85.27.14	85.31.14	14	85.27.30	85.31.30	30	85.27.46	85.31.46	46
85.27.16	85.31.16	16	85.27.32	85.31.32	32	85.27.48	85.31.48	48
85.27.18	85.31.18	18	85.27.34	85.31.34	34	85.27.50	85.31.50	50
85.27.20	85.31.20	20	85.27.36	85.31.36	36	85.27.55	85.31.55	55
85.27.22	85.31.22	22	85.27.38	85.31.38	38	85.27.60	85.31.60	60
85.27.24	85.31.24	24	85.27.40	85.31.40	40			

Locking screw Ø 3.5

- Titanium alloy
- ø screw – 3,4 mm
- Hex drive – 2.5 mm / Torx T15



S2,5	T15	Length, mm	S2,5	T15	Length, mm	S2,5	T15	Length, mm
85.03.10	85.32.10	10	85.03.30	85.32.30	30	85.03.50	85.32.50	50
85.03.12	85.32.12	12	85.03.32	85.32.32	32	85.03.55	85.32.55	55
85.03.14	85.32.14	14	85.03.34	85.32.34	34	85.03.60	85.32.60	60
85.03.16	85.32.16	16	85.03.36	85.32.36	36	85.03.65	85.32.65	65
85.03.18	85.32.18	18	85.03.38	85.32.38	38	85.03.70	85.32.70	70
85.03.20	85.32.20	20	85.03.40	85.32.40	40	85.03.75	85.32.75	75
85.03.22	85.32.22	22	85.03.42	85.32.42	42	85.03.80	85.32.80	80
85.03.24	85.32.24	24	85.03.44	85.32.44	44	85.03.85	85.32.85	85
85.03.26	85.32.26	26	85.03.46	85.32.46	46	85.03.90	85.32.90	90
85.03.28	85.32.28	28	85.03.48	85.32.48	48			

Locking screw Ø 5.0

- Titanium alloy
- ø screw – 5.0 mm
- Hex drive – 3.5 mm



Art.	Length, mm	Art.	Length, mm	Art.	Length, mm	Art.	Length, mm
85.05.20	20	85.05.32	32	85.05.50	50	85.05.80	80
85.05.22	22	85.05.34	34	85.05.55	55	85.05.85	85
85.05.24	24	85.05.36	36	85.05.60	60	85.05.90	90
85.05.26	26	85.05.38	38	85.05.65	65	85.05.95	95
85.05.28	28	85.05.40	40	85.05.70	70	85.05.100	100
85.05.30	30	85.05.45	45	85.05.75	75		

Thread guide for drill bit



	ø drill bit , mm	ø screw, mm
90.00.18	1,8	2,4
90.00.20	2,0	2,3 и 2,7
90.00.30	2,5 и 3,0	3,5
90.00.45	4,5	5,0

Screws

Cortex screw Ø 2.4

- Titanium alloy
- ø head – 5.0 mm
- ø screw – 2.4 mm
- Hex drive – 2.5 mm / Torx T8



S2,5	T8	Length, mm	S2,5	T8	Length, mm	S2,5	T8	Length, mm
22.08.10	22.30.10	10	22.08.22	22.30.22	22	22.08.40	22.30.40	40
22.08.12	22.30.12	12	22.08.24	22.30.24	24	22.08.45	22.30.45	45
22.08.14	22.30.14	14	22.08.26	22.30.26	26	22.08.50	22.30.50	50
22.08.16	22.30.16	16	22.08.28	22.30.28	28	22.08.55	22.30.55	55
22.08.18	22.30.18	18	22.08.30	22.30.30	30	22.08.60	22.30.60	60
22.08.20	22.30.20	20	22.08.35	22.30.35	35			

Cortex screw Ø 2.7

- Titanium alloy
- ø head – 5.0 mm
- ø screw – 2.7 mm
- Hex drive – 2.5 mm / Torx T8



S2,5	T8	Length, mm	S2,5	T8	Length, mm	S2,5	T8	Length, mm
22.09.10	22.31.10	10	22.09.24	22.31.24	24	22.09.38	22.31.38	38
22.09.12	22.31.12	12	22.09.26	22.31.26	26	22.09.40	22.31.40	40
22.09.14	22.31.14	14	22.09.28	22.31.28	28	22.09.45	22.31.45	45
22.09.16	22.31.16	16	22.09.30	22.31.30	30	22.09.50	22.31.50	50
22.09.18	22.31.18	18	22.09.32	22.31.32	32	22.09.55	22.31.55	55
22.09.20	22.31.20	20	22.09.34	22.31.34	34	22.09.60	22.31.60	60
22.09.22	22.31.22	22	22.09.36	22.31.36	36			

Low-profile cortex screw Ø 3.5

- Titanium alloy
- ø head – 5.5 mm
- ø screw – 3.5 mm
- Hex drive – 2.5 mm



Art.	Length, mm	Art.	Length, mm	Art.	Length, mm	Art.	Length, mm
22.07.10	10	22.07.22	22	22.07.34	34	22.07.55	55
22.07.12	12	22.07.24	24	22.07.36	36	22.07.60	60
22.07.14	14	22.07.26	26	22.07.38	38	22.07.65	65
22.07.16	16	22.07.28	28	22.07.40	40	22.07.70	70
22.07.18	18	22.07.30	30	22.07.45	45	22.07.75	75
22.07.20	20	22.07.32	32	22.07.50	50	22.07.80	80

Cortical screw Ø 3.5

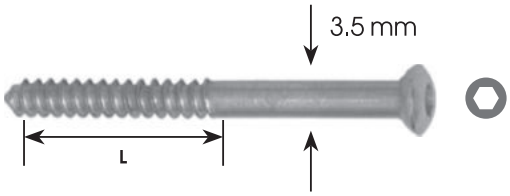
- Titanium alloy
- ø head – 6.0 mm
- ø screw – 3.5 mm
- Hex drive – 2.5 mm / Torx T15



S2,5	T15	Length, mm	S2,5	T15	Length, mm	S2,5	T15	Length, mm
22.10.10	22.32.10	10	22.10.34	22.32.34	34	22.10.58	22.32.58	58
22.10.12	22.32.12	12	22.10.36	22.32.36	36	22.10.60	22.32.60	60
22.10.14	22.32.14	14	22.10.38	22.32.38	38	22.10.65	22.32.65	65
22.10.16	22.32.16	16	22.10.40	22.32.40	40	22.10.70	22.32.70	70
22.10.18	22.32.18	18	22.10.42	22.32.42	42	22.10.75	22.32.75	75
22.10.20	22.32.20	20	22.10.44	22.32.44	44	22.10.80	22.32.80	80
22.10.22	22.32.22	22	22.10.46	22.32.46	46	22.10.85	22.32.85	85
22.10.24	22.32.24	24	22.10.48	22.32.48	48	22.10.90	22.32.90	90
22.10.26	22.32.26	26	22.10.50	22.32.50	50	22.10.95		95
22.10.28	22.32.28	28	22.10.52	22.32.52	52	22.10.100		100
22.10.30	22.32.30	30	22.10.54	22.32.54	54	22.10.105		105
22.10.32	22.32.32	32	22.10.56	22.32.56	56	22.10.110		110

Lag screw Ø 3.5

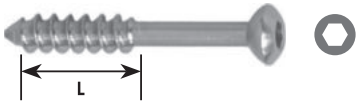
- Titanium alloy
- ø head – 6.0 mm
- ø screw – 3.5 mm
- Hex drive – 2.5 mm



Art.	Length, mm	L	Art.	Length, mm	L	Art.	Length, mm	L
22.11.14	14	8	22.11.30	30	10	22.11.44	44	16
22.11.18	18	8	22.11.34	34	14	22.11.46	46	16
22.11.22	22	8	22.11.38	38	14	22.11.48	48	16
22.11.26	26	10	22.11.42	42	16	22.11.50	50	16

Cancellous screw Ø 4.0

- Titanium alloy
- ø head – 6.0 mm
- ø screw – 4.0 mm
- Hex drive – 2.5 mm



Art.	Length, mm	L	Art.	Length, mm	L	Art.	Length, mm	L
22.14.10	10	5	22.14.24	24	10	22.14.50	50	15
22.14.12	12	5	22.14.26	26	12	22.14.55	55	15
22.14.14	14	5	22.14.28	28	14	22.14.60	60	15
22.14.16	16	6	22.14.30	30	14	22.14.65	65	15
22.14.18	18	7	22.14.35	35	14	22.14.70	70	15
22.14.20	20	8	22.14.40	40	14			
22.14.22	22	9	22.14.45	45	15			

Screws

Cancellous screw Ø 4.0, full thread

- Titanium alloy
- ø head – 6.0 mm
- ø screw – 4.0 mm
- Hex drive – 2.5 mm



Art.	Length, mm	Art.	Length, mm	Art.	Length, mm	Art.	Length, mm
22.15.10	10	22.15.20	20	22.15.30	30	22.15.55	55
22.15.12	12	22.15.22	22	22.15.35	35	22.15.60	60
22.15.14	14	22.15.24	24	22.15.40	40	22.15.65	65
22.15.16	16	22.15.26	26	22.15.45	45	22.15.70	70
22.15.18	18	22.15.28	28	22.15.50	50		

Cortical screw Ø 4.5

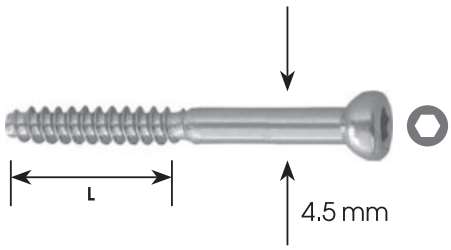
- Titanium alloy
- ø head – 8.0 mm
- ø screw – 4.5 mm
- Hex drive – 3.5 mm



Art.	Length, mm	Art.	Length, mm	Art.	Length, mm	Art.	Length, mm
22.12.12	12	22.12.32	32	22.12.52	52	22.12.75	75
22.12.14	14	22.12.34	34	22.12.54	54	22.12.80	80
22.12.16	16	22.12.36	36	22.12.56	56	22.12.85	85
22.12.18	18	22.12.38	38	22.12.58	58	22.12.90	90
22.12.20	20	22.12.40	40	22.12.60	60	22.12.95	95
22.12.22	22	22.12.42	42	22.12.62	62	22.12.100	100
22.12.24	24	22.12.44	44	22.12.64	64	22.12.105	105
22.12.26	26	22.12.46	46	22.12.66	66	22.12.110	110
22.12.28	28	22.12.48	48	22.12.68	68	22.12.120	120
22.12.30	30	22.12.50	50	22.12.70	70		

Lag screw Ø 4.5

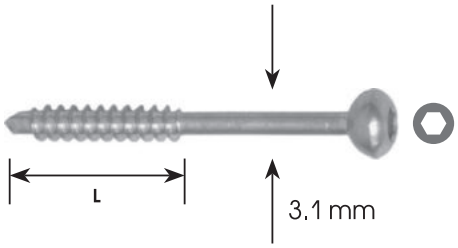
- Titanium alloy
- ø head – 8.0 mm
- ø screw – 4.5 mm
- Hex drive – 3.5 mm



Art.	Length, mm	L	Art.	Length, mm	L	Art.	Length, mm	L
22.13.22	22	13	22.13.42	42	16	22.13.62	62	20
22.13.26	26	13	22.13.46	46	16	22.13.64	64	20
22.13.30	30	13	22.13.50	50	16	22.13.66	66	20
22.13.34	34	13	22.13.54	54	16	22.13.68	68	20
22.13.38	38	13	22.13.58	58	20	22.13.70	70	20

Malleolar screw Ø 4.5

- Titanium alloy
- ø head – 8.0 mm
- ø thread – 4.5 mm
- Hex drive – 3.5 mm



	Length, mm	L, mm		Length, mm	L, mm		Length, mm	L, mm
22.16.25	25	12	22.16.55	55	27	22.16.85	85	39
22.16.30	30	15	22.16.60	60	29	22.16.90	90	41
22.16.35	35	17	22.16.65	65	31	22.16.95	95	43
22.16.40	40	20	22.16.70	70	33	22.16.100	100	45
22.16.45	45	22	22.16.75	75	35			
22.16.50	50	25	22.16.80	80	37			

Cannulated screw Ø 5.0

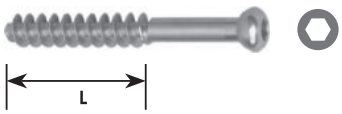
- Titanium alloy
- ø head – 6.5 mm
- ø screw – 5.0 mm
- Hex drive – 3.5 mm / Torx T15
- ø cannula – 1.3 mm



S3,5	T15	Length, mm	S3,5	T15	Length, mm	S3,5	T15	Length, mm
22.25.16	22.33.16	16	22.25.26	22.33.26	26	22.25.36	22.33.36	36
22.25.18	22.33.18	18	22.25.28	22.33.28	28	22.25.38	22.33.38	38
22.25.20	22.33.20	20	22.25.30	22.33.30	30	22.25.40	22.33.40	40
22.25.22	22.33.22	22	22.25.32	22.33.32	32			
22.25.24	22.33.24	24	22.25.34	22.33.34	34			

Cancellous screw Ø 6.5

- Titanium alloy
- ø head – 8.0 mm
- ø screw – 6.5 mm
- Hex drive – 3.5 mm



L16	L32	Length, mm	L16	L32	Length, mm	L16	L32	Length, mm
22.17.25		25	22.17.65	22.18.65	65	22.17.105	22.18.105	105
22.17.30		30	22.17.70	22.18.70	70	22.17.110	22.18.110	110
22.17.35		35	22.17.75	22.18.75	75	22.17.115	22.18.115	115
22.17.40	22.18.40	40	22.17.80	22.18.80	80	22.17.120	22.18.120	120
22.17.45	22.18.45	45	22.17.85	22.18.85	85	22.17.125	22.18.125	125
22.17.50	22.18.50	50	22.17.90	22.18.90	90	22.17.130	22.18.130	130
22.17.55	22.18.55	55	22.17.95	22.18.95	95			
22.17.60	22.18.60	60	22.17.100	22.18.100	100			

Screws

Cancellous screw Ø 6.5, full thread

- Titanium alloy
- ø head – 8.0 mm
- ø screw – 6.5 mm
- Hex drive – 3.5 mm



Art.	Length, mm	Art.	Length, mm	Art.	Length, mm	Art.	Length, mm
22.19.25	25	22.19.45	45	22.19.65	65	22.19.85	85
22.19.30	30	22.19.50	50	22.19.70	70	22.19.90	90
22.19.35	35	22.19.55	55	22.19.75	75		
22.19.40	40	22.19.60	60	22.19.80	80		

Cannulated screw Ø 7.3

- Titanium alloy
- ø head – 8.0 mm
- ø screw – 7.3 mm
- Hex drive – 4.0 mm
- ø cannula – 3.0 mm



L16,0	L32,0	Length, mm	L16,0	L32,0	Length, mm	L16,0	L32,0	Length, mm
22.21.050	22.22.050	50	22.21.080	22.22.080	80	22.21.110	22.22.110	110
22.21.055	22.22.055	55	22.21.085	22.22.085	85	22.21.115	22.22.115	115
22.21.060	22.22.060	60	22.21.090	22.22.090	90	22.21.120	22.22.120	120
22.21.065	22.22.065	65	22.21.095	22.22.095	95	22.21.125	22.22.125	125
22.21.070	22.22.070	70	22.21.100	22.22.100	100	22.21.130	22.22.130	130
22.21.075	22.22.075	75	22.21.105	22.22.105	105			

Cannulated screw Ø 7.3, full thread

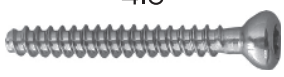
- Titanium alloy
- ø head – 8.0 mm
- ø screw – 7.3 mm
- Hex drive – 4.0 mm
- ø cannula – 3.0 mm



Art.	Length, mm	Art.	Length, mm	Art.	Length, mm	Art.	Length, mm
22.23.050	50	22.23.075	75	22.23.100	100	22.23.125	125
22.23.055	55	22.23.080	80	22.23.105	105	22.23.130	130
22.23.060	60	22.23.085	85	22.23.110	110		
22.23.065	65	22.23.090	90	22.23.115	115		
22.23.070	70	22.23.095	95	22.23.120	120		

COMPLIANCE TABLE

Plus.
Trust across
Time

tap Ø	drill bit for the thread hole Ø		drill bit for 1 cortical layer Ø
2.7	2.0	2.7 	2.7
3.5	2.5	3.5 	3.5
		3.5 	
(3.5)[1]	2.5	4.0 	(—)[2]
4.5	3.2	4.5 	4.5
		4.5 	
(4.5)[1]	3.2	4.5 	(—)[2]
(6.5)[1]	3.2	6.5 	4.5
		6.5 	
		6.5 	(—)[2]

( )[1] – usually the tap is not used
(—) [2] – only one drill bit is used

Pelvic fixation plates

Curved reconstructive pelvic locking plate

- Stainless Steel
- Thickness – 3.6 mm
- Width – 10.0 mm
- ⌀ screw – 3.5 mm

Art.	Radius, mm	Length, mm	Holes
29.80.06	88	76	6
29.80.08	88	99	8
29.80.10	88	120	10
29.80.12	88	139	12
29.80.14	88	156	14
29.80.16	88	169	16
29.81.06	108	77	6
29.81.08	108	101	8
29.81.10	108	123	10
29.81.12	108	144	12
29.81.14	108	164	14
29.81.16	108	181	16



J-shaped reconstructive pelvic locking plate

- Stainless Steel
- Thickness – 3.6 mm
- Width – 10.0 mm
- ⌀ screw – 3.5 mm

Left	Right	Length, mm	Holes
29.83.10	29.82.10	117	10
29.83.12	29.82.12	143	12
29.83.14	29.82.14	169	14
29.83.16	29.82.16	195	16



Straight reconstructive pelvic locking plate

- Stainless Steel
- Thickness – 3.6 mm
- Width – 10.0 mm
- ⌀ screw – 3.5 mm

Art.	Length, mm	Holes
29.84.04	52	4
29.84.06	78	6
29.84.08	104	8
29.84.10	130	10
29.84.12	156	12
29.84.14	182	14
29.84.16	208	16
29.84.18	234	18
29.84.20	260	20



Straight reconstructive pelvic non-locking plate

- Stainless Steel
- Thickness – 3.2 mm
- Width – 10.0 mm
- ⌀ screw – 3.5 mm

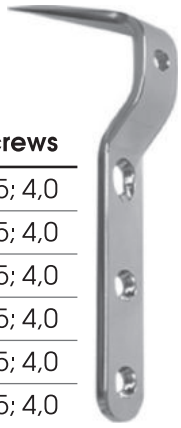
Art.	Length, mm	Holes
23.23.04	50	4
23.23.06	76	6
23.23.08	102	8
23.23.10	128	10
23.23.12	154	12
23.23.14	180	14
23.23.16	206	16
23.23.18	232	18
23.23.20	258	20



Small Angular Plates and Instruments

Small angular plate a=110°

- Stainless Steel



	Diaphyseal dimensions			Medialization «M»	Blade length «L»	Holes	Screws
	Length	Width «H»	Thickness «S»				
23.54.20	25 мм	10 мм	2,0 мм	5 мм	20 мм	3	3,5; 4,0
23.54.30	30	10	2,5	7	30	3	3,5; 4,0
23.54.35	35	10	2,5	7	35	3	3,5; 4,0
23.54.45	45	12	3,0	8	45	3	4,5; 4,0
23.54.55	55	15	3,0	10	55	3	4,5; 4,0
23.54.60	70	15	4,0	12	60	4	4,5; 4,0

Small angular plate a=135°

- Stainless Steel

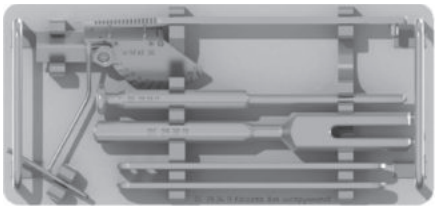


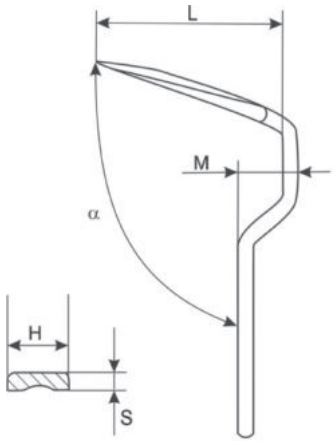
	Diaphyseal dimensions			Blade length «L»	Holes	Screws
	Length	Width «H»	Thickness «S»			
23.55.30	35 мм	12 мм	2,5 мм	30 мм	3	3,5; 4,0
23.55.35	35	12	2,5	35	3	3,5; 4,0
23.55.40	45	12	3,0	40	3	4,5; 4,0
23.55.45	50	15	3,0	45	3	4,5; 4,0
23.55.55	75	15	4,0	55	4	4,5; 4,0

Set of instruments for small angular plates

Catalog number: 10.30.20

29.28.13	Plate bender
29.29.11	Impactor
29.34.11	Instrument cassette
29.30.11	Slotted hammer
29.26.11	Angular plate guide
29.26.12	Punch





Cortex screw Ø 3.5

- Stainless Steel
- ø head – 6.0 mm
- ø screw – 3.5 mm
- Hex drive – 2.5 mm



Art.	Length, mm	Art.	Length, mm	Art.	Length, mm	Art.	Length, mm
21.10.10	10	21.10.30	30	21.10.50	50	21.10.100	100
21.10.12	12	21.10.32	32	21.10.55	55	21.10.105	105
21.10.14	14	21.10.34	34	21.10.60	60	21.10.110	110
21.10.16	16	21.10.36	36	21.10.65	65	21.10.115	115
21.10.18	18	21.10.38	38	21.10.70	70	21.10.120	120
21.10.20	20	21.10.40	40	21.10.75	75	21.10.125	125
21.10.22	22	21.10.42	42	21.10.80	80	21.10.130	130
21.10.24	24	21.10.44	44	21.10.85	85		
21.10.26	26	21.10.46	46	21.10.90	90		
21.10.28	28	21.10.48	48	21.10.95	95		

Cortex screw Ø 4.5

- Stainless Steel
- ø head – 8.0 mm
- ø screw – 4.5 mm
- Hex drive – 3.5 mm



Art.	Length, mm	Art.	Length, mm	Art.	Length, mm	Art.	Length, mm
21.11.12	12	21.11.30	30	21.11.48	48	21.11.90	90
21.11.14	14	21.11.32	32	21.11.50	50	21.11.95	95
21.11.16	16	21.11.34	34	21.11.55	55	21.11.100	100
21.11.18	18	21.11.36	36	21.11.60	60	21.11.105	105
21.11.20	20	21.11.38	38	21.11.65	65	21.11.110	110
21.11.22	22	21.11.40	40	21.11.70	70	21.11.115	115
21.11.24	24	21.11.42	42	21.11.75	75	21.11.120	120
21.11.26	26	21.11.44	44	21.11.80	80	21.11.125	125
21.11.28	28	21.11.46	46	21.11.85	85	21.11.130	130

Locking screw Ø 3.5

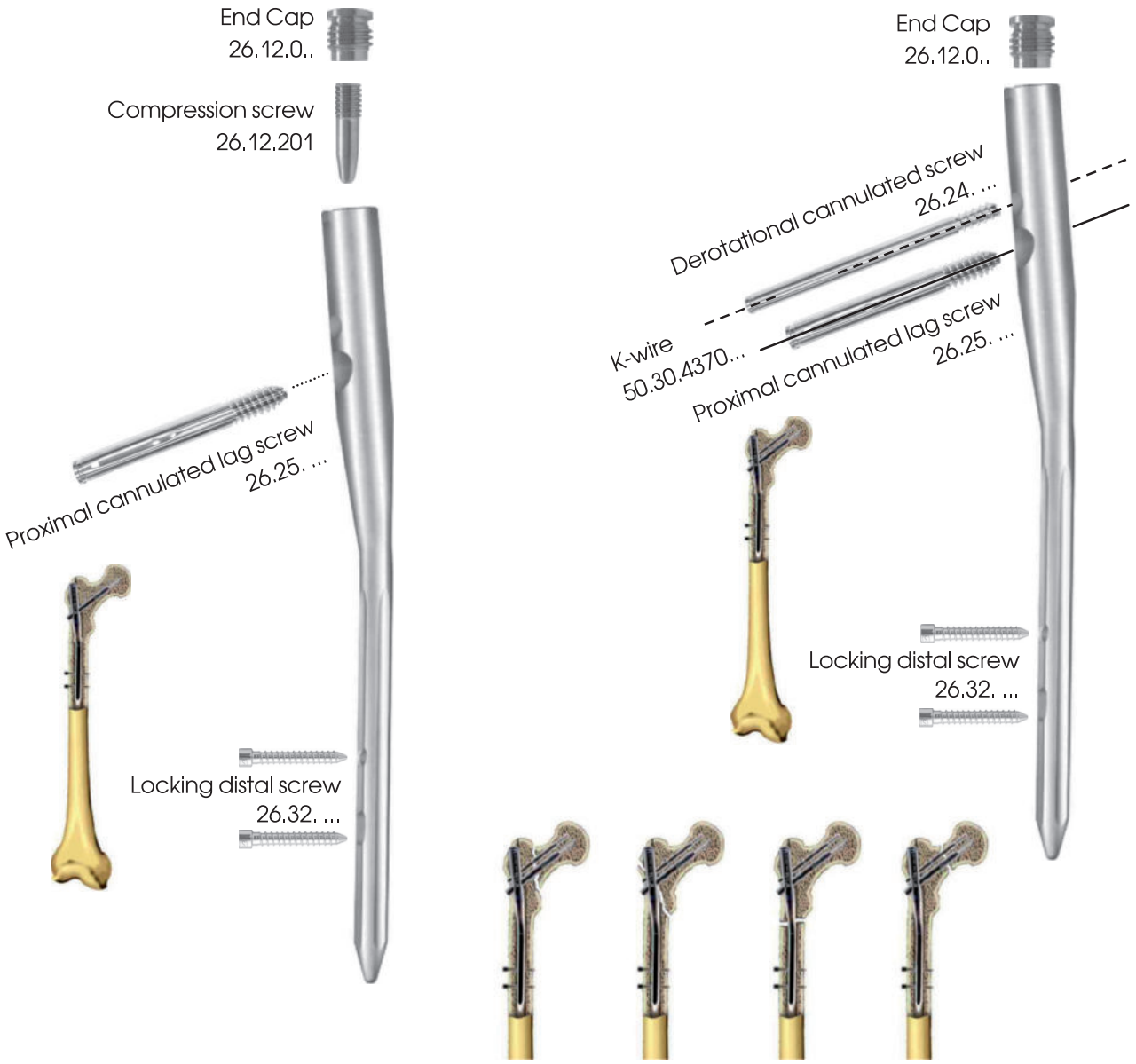
- Stainless Steel
- ø screw – 3.5 mm
- Hex drive – 2.5 mm



Art.	Length, mm	Art.	Length, mm	Art.	Length, mm	Art.	Length, mm
28.80.10	10	28.80.30	30	28.80.50	50	28.80.100	100
28.80.12	12	28.80.32	32	28.80.55	55	28.80.105	105
28.80.14	14	28.80.34	34	28.80.60	60	28.80.110	110
28.80.16	16	28.80.36	36	28.80.65	65	28.80.115	115
28.80.18	18	28.80.38	38	28.80.70	70	28.80.120	120
28.80.20	20	28.80.40	40	28.80.75	75	28.80.125	125
28.80.22	22	28.80.42	42	28.80.80	80	28.80.130	130
28.80.24	24	28.80.44	44	28.80.85	85		
28.80.26	26	28.80.46	46	28.80.90	90		
28.80.28	28	28.80.48	48	28.80.95	95		

Proximal femoral nail, short

- Titanium alloy
- Lenght – 240 mm
- TDA – 130°



Proximal femoral nail, short

300.10-240	ø 10 mm
300.11-240	ø 11 mm

Derotational cannulated screw



- Titanium alloy
- ⌀ thread – 6.5 mm
- ⌀ cannulation – 2.7 mm

	Length, mm		Length, mm		Length, mm
26.24.070	70	26.24.090	90	26.24.110	110
26.24.075	75	26.24.095	95	26.24.115	115
26.24.080	80	26.24.100	100	26.24.120	120
26.24.085	85	26.24.105	105		

Proximal femoral screw



- Titanium alloy
- ⌀ thread – 11.0 mm
- ⌀ cannulation – 2.7 mm

	Length, mm		Length, mm		Length, mm
26.25.070	70	26.25.090	90	26.25.110	110
26.25.075	75	26.25.095	95	26.25.115	115
26.25.080	80	26.25.100	100	26.25.120	120
26.25.085	85	26.25.105	105		

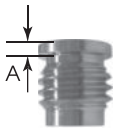
Compression screw



- Titanium alloy
- Used in a single-screw construct
- ⌀ thread – 8.0 mm

Catalog number: 26.12.201

End Cap



- Titanium alloy
- ⌀ thread – 12.0 mm

	A
26.12.000	0
26.12.005	+5

Proximal femoral nail, long

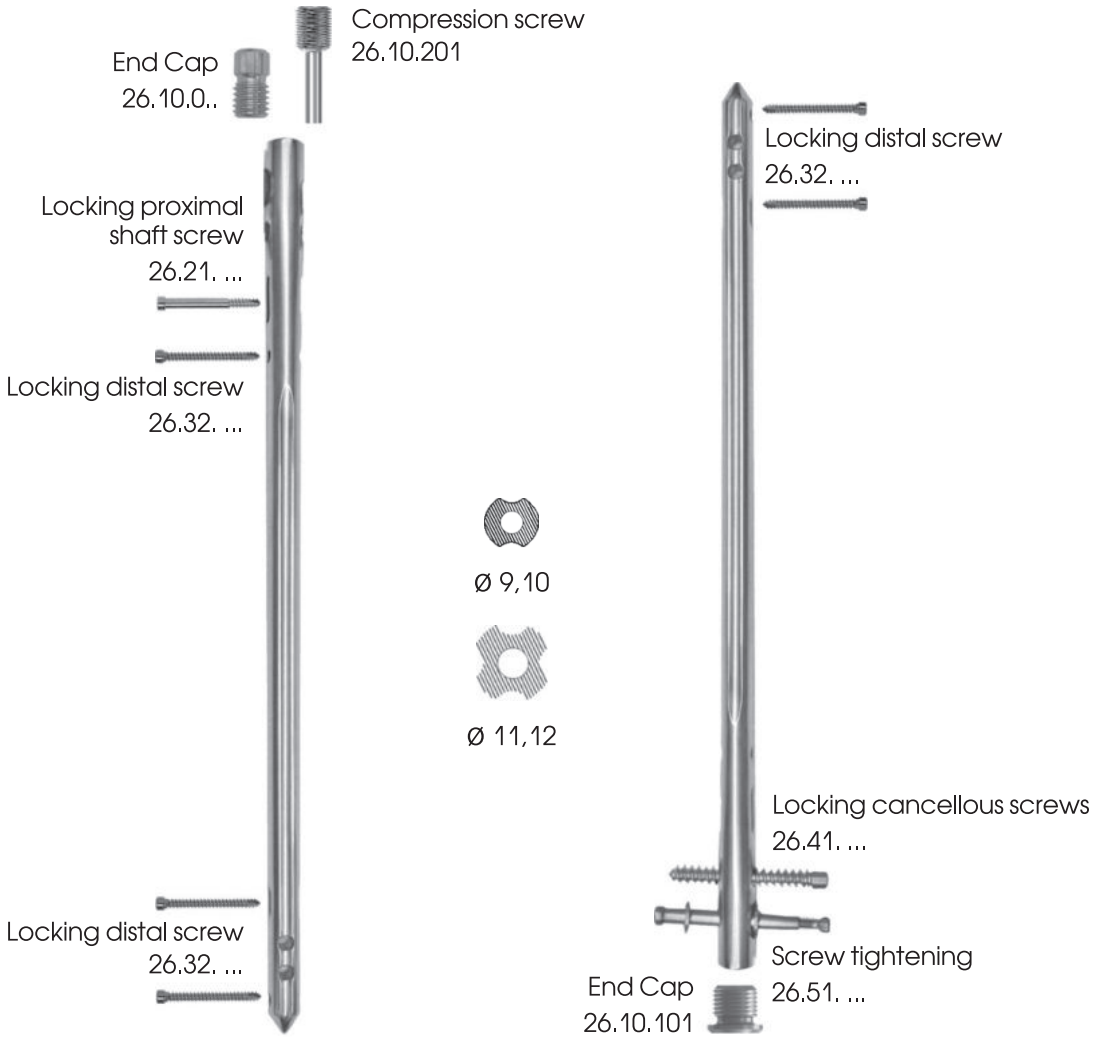
- Titanium alloy
- TDA – 130°
- Cannulated

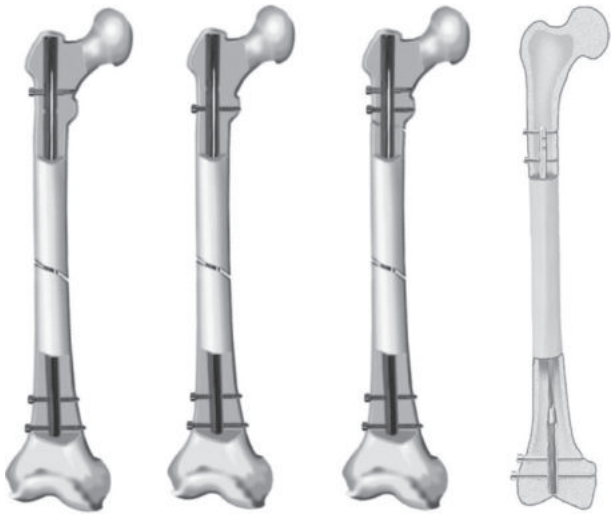




Left	Right	ø, mm	Length, mm
301.10-320	302.10-320	10	320
301.10-340	302.10-340	10	340
301.10-360	302.10-360	10	360
301.10-380	302.10-380	10	380
301.10-400	302.10-400	10	400
301.10-420	302.10-420	10	420
303.11-320	304.11-320	11	320
303.11-340	304.11-340	11	340
303.11-360	304.11-360	11	360
303.11-380	304.11-380	11	380
303.11-400	304.11-400	11	400
303.11-420	304.11-420	11	420

Antegrade-retrograde femoral nail





Antegrade-retrograde femoral nail

Antegrade-retrograde femoral nail (cannulated)

ø 9 mm	ø 10 mm	ø 11 mm	ø 12 mm	Length, mm
201.09-300	201.10-300	201.11-300	201.12-300	300
201.09-320	201.10-320	201.11-320	201.12-320	320
201.09-340	201.10-340	201.11-340	201.12-340	340
201.09-360	201.10-360	201.11-360	201.12-360	360
201.09-380	201.10-380	201.11-380	201.12-380	380
201.09-400	201.10-400	201.11-400	201.12-400	400
201.09-420	201.10-420	201.11-420	201.12-420	420
201.09-440	201.10-440	201.11-440	201.12-440	440
201.09-460	201.10-460	201.11-460	201.12-460	460



ø 9,10



ø 11,12

Compression screw



- Titanium alloy
- ø thread – 10.0 mm

Catalog number: 26.10.201

End Cap (cannulated)



- Titanium alloy
- ø thread – 10.0 mm

	A		A
26.10.000	0	26.10.015	+15
26.10.005	+5	26.10.020	+20
26.10.010	+10		

End Cap



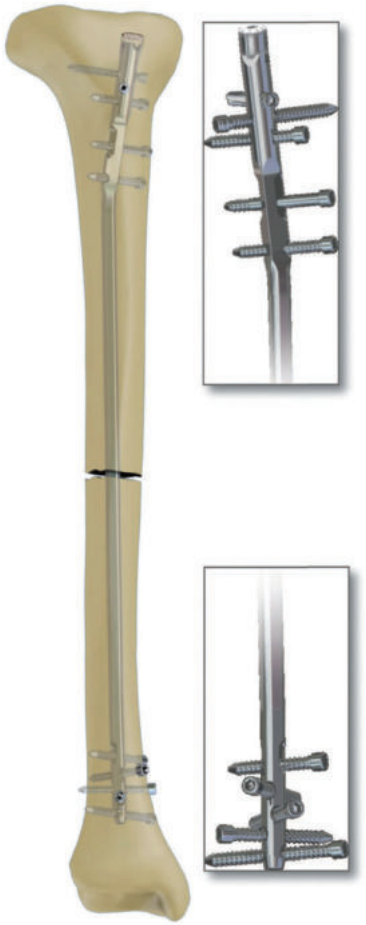
- Used for retrograde nailing
- Titanium alloy
- ø thread – 10.0 mm

Catalog number: 26.10.101

Tibial nail

- Titanium alloy





Tibial nail

Tibial nail (cannulated)

⌀ 8 mm	⌀ 9 mm	⌀ 10 mm	⌀ 11 mm	Length, mm
101.08-270	101.09-270	101.10-270	101.11-270	270
101.08-285	101.09-285	101.10-285	101.11-285	285
101.08-300	101.09-300	101.10-300	101.11-300	300
101.08-315	101.09-315	101.10-315	101.11-315	315
101.08-330	101.09-330	101.10-330	101.11-330	330
101.08-345	101.09-345	101.10-345	101.11-345	345
101.08-360	101.09-360	101.10-360	101.11-360	360
101.08-375	101.09-375	101.10-375	101.11-375	375
101.08-390	101.09-390	101.10-390	101.11-390	390



Compression screw

- Titanium alloy
- ⌀ thread – 8.0 mm

Catalog number: 26.08.200



End Cap

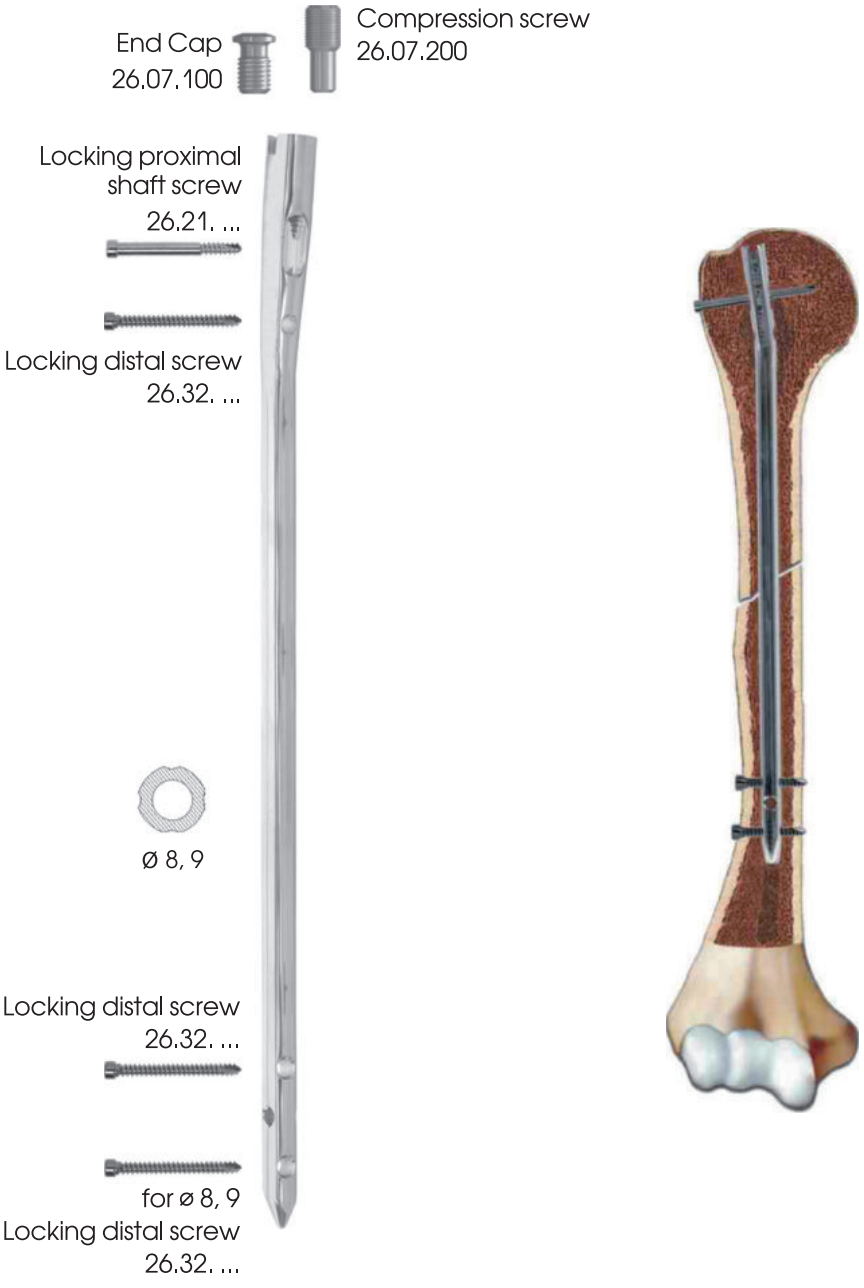
- Titanium alloy
- ⌀ thread – 8.0 mm



	A		A
26.08.000	0	26.08.015	+15
26.08.005	+5	26.08.020	+20
26.08.010	+10		

Antegrade/retrograde humeral nail

- Titanium alloy



Humeral nail

Antegrade/retrograde humeral nail (cannulated)

⌀ 8 mm	⌀ 9 mm	Length, mm
410.08-180	410.09-180	180
410.08-200	410.09-200	200
410.08-220	410.09-220	220
410.08-240	410.09-240	240
410.08-260	410.09-260	260
410.08-280	410.09-280	280
410.08-300	410.09-300	300
410.08-320	410.09-320	320



Ø 8, 9

Compression screw

- Titanium alloy
- ⌀ thread – 7.0 mm

Catalog number: 26.07.200



End Cap

- Titanium alloy
- ⌀ thread – 7.0 mm

Catalog number: 26.07.100



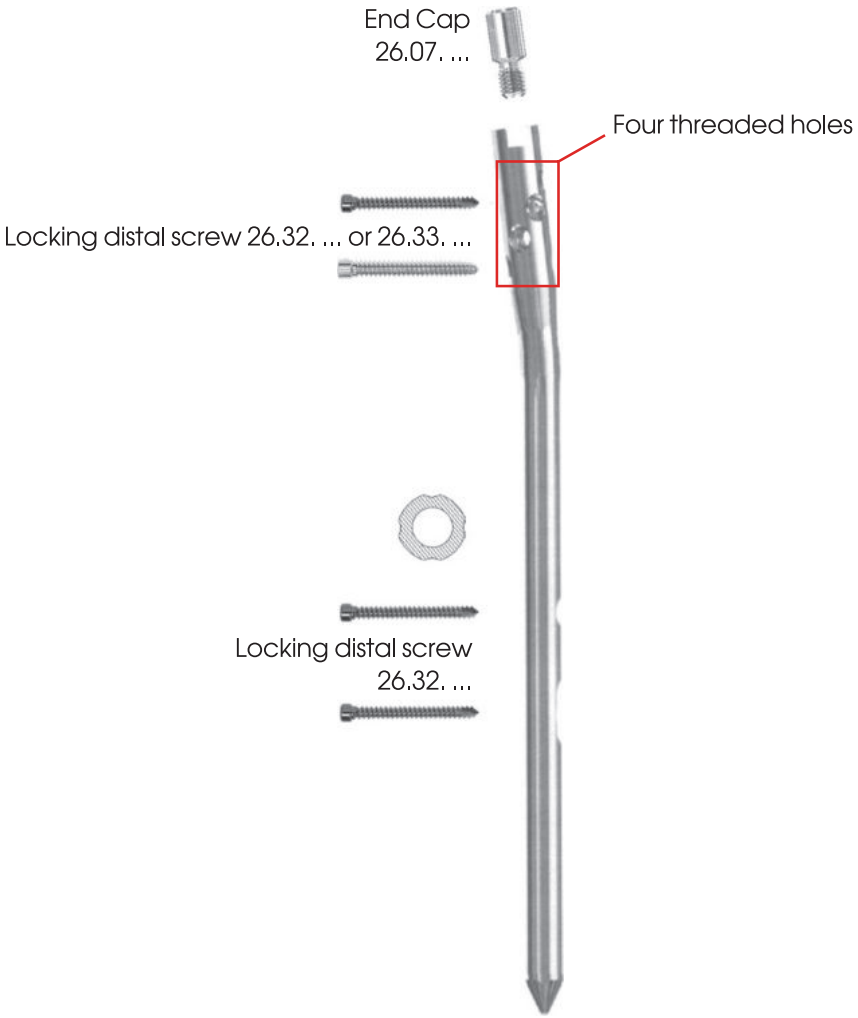
Proximal humeral reconstructive long nail

- Titanium alloy



Proximal humeral reconstructive short nail

- Titanium alloy



Humeral nail

Reconstruction humeral nail short

ø 8 mm	ø 9 mm	Length, mm
411.08-150	411.09-150	150



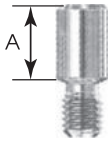
Reconstruction humeral nail long (cannulated)

ø 8 mm	ø 9 mm	Length, mm
411.08-220	411.09-220	220
411.08-240	411.09-240	240
411.08-260	411.09-260	260
411.08-280	411.09-280	280
411.08-300	411.09-300	300
411.08-320	411.09-320	320



End Cap

- Titanium alloy
- ø thread – 7.0 mm



	A		A
26.07.000	0	26.07.015	+15
26.07.005	+5	26.07.020	+20
26.07.010	+10		

Locking distal screw Ø 3.5

- Titanium alloy
- ø thread – 3.5 mm
- Hex drive – 3.5 mm



	Length, mm		Length, mm		Length, mm
26.31.018	18	26.31.030	30	26.31.045	45
26.31.020	20	26.31.032	32	26.31.050	50
26.31.022	22	26.31.034	34	26.31.055	55
26.31.024	24	26.31.036	36	26.31.060	60
26.31.026	26	26.31.038	38		
26.31.028	28	26.31.040	40		

Locking distal screw Ø 4.5

- Titanium alloy
- ø thread – 4.5 mm
- Hex drive – 3.5 mm



	Length, mm		Length, mm		Length, mm
26.32.026	26	26.32.036	36	26.32.055	55
26.32.028	28	26.32.038	38	26.32.060	60
26.32.030	30	26.32.040	40	26.32.065	65
26.32.032	32	26.32.045	45	26.32.070	70
26.32.034	34	26.32.050	50		

Locking proximal shaft screw Ø 4.5

- Titanium alloy
- ø thread – 4.5 mm
- Hex drive – 3.5 mm



	Length, mm	L, mm		Length, mm	L, mm
26.21.030	30	12	26.21.050	50	18
26.21.035	35	16	26.21.055	55	18
26.21.040	40	16	26.21.060	60	18
26.21.045	45	16	26.21.065	65	20

Screws for Intramedullary Nails

Locking distal screw Ø 5.0

- Titanium alloy
- ø thread – 5.0 mm
- Hex drive – 3.5 mm



Art.	Length, mm	Art.	Length, mm	Art.	Length, mm	Art.	Length, mm
26.33.030	30	26.33.040	40	26.33.050	50	26.33.075	75
26.33.032	32	26.33.042	42	26.33.055	55	26.33.080	80
26.33.034	34	26.33.044	44	26.33.060	60	26.33.085	85
26.33.036	36	26.33.046	46	26.33.065	65	26.33.090	90
26.33.038	38	26.33.048	48	26.33.070	70		

Locking distal screw Ø 6.5

- Titanium alloy
- ø thread – 6.5 mm
- Hex drive – 3.5 mm



	Length, mm		Length, mm		Length, mm
26.41.050	50	26.41.070	70	26.41.090	90
26.41.055	55	26.41.075	75	26.41.095	95
26.41.060	60	26.41.080	80	26.41.100	100
26.41.065	65	26.41.085	85		

Locking proximal shaft screw Ø 6.5

- Titanium alloy
- ø thread – 6.5 mm
- Hex drive – 3.5 mm



	Length, mm	L, mm		Length, mm	L, mm		Length, mm	L, mm
26.42.050	50	25	26.42.075	75	25	26.42.100	100	32
26.42.055	55	25	26.42.080	80	25	26.42.105	105	32
26.42.060	60	25	26.42.085	85	25	26.42.110	110	32
26.42.065	65	25	26.42.090	90	25	26.42.115	115	32
26.42.070	70	25	26.42.095	95	32	26.42.120	120	32

Screw tightening

- Titanium alloy
- Hex drive – 3.5 mm



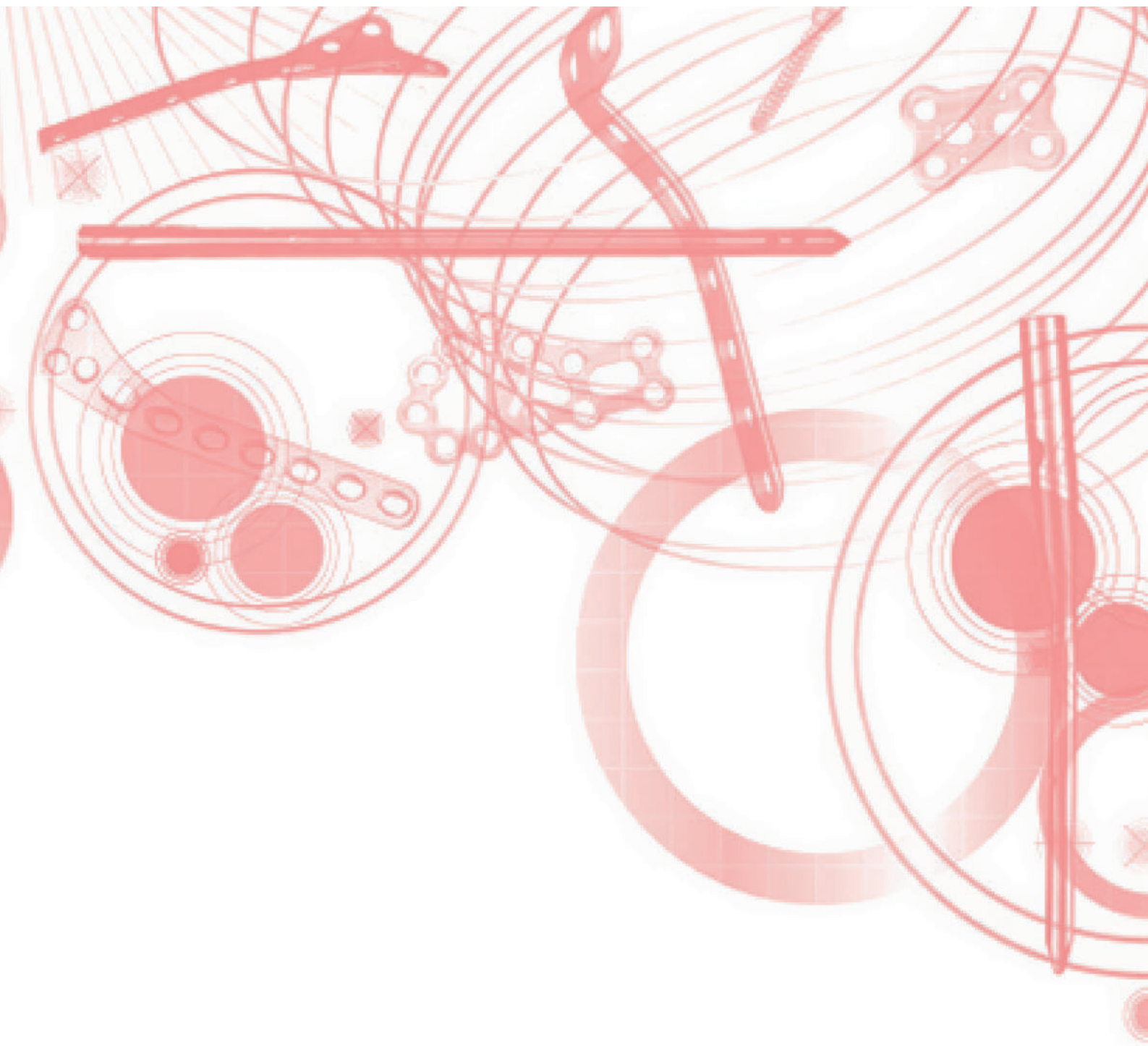
	Length, mm		Length, mm		Length, mm
26.51.065	50-65	26.51.085	70-85	26.51.105	90-105
26.51.075	60-75	26.51.095	80-95		

Titanium elastic nails

- Titanium alloy
- Lenght – 450 mm

Art.	ø, mm	Height, mm
501.20-450	2,0	4,0
501.25-450	2,5	5,0
501.30-450	3,0	6,3
501.35-450	3,5	7,1
501.40-450	4,0	8,2





INSTRUMENTS

Instruments for Osteosynthesis and Bone Surgery

Instruments for Plates and Screws 54-55
Instruments for removing broken screws 56-57
Instrument sets 58
Others Instruments 59

Universal driver handle

Catalog number: 29.22.20



Screwdriver

- Lenght – 210 mm
- Used with a driver handle 29.22.20

	Size, мм	
29.22.23	Ø 3,5	
29.22.22	Ø 2,5	
29.22.21	Ø 1,5	
29.22.24	Screw 1.2 (lenght 100 mm)	
29.22.53	T15	
29.22.54	T8	
29.22.55	Cannulated T15	

Tap

- Used with a driver handle 29.22.20



	Length, mm	ø screw, mm
29.21.14	150	2,7
29.21.15	200	3,5
29.21.16	200	4,5
29.21.17	200	4,0
29.21.18	200	6,5

Drill bit



Ø	Length, mm						
	110	120	150	165	180	200	300
1,8	29.20.19	—	—	—	—	—	—
2,0	—	29.20.10	—	—	—	—	—
2,5	—	29.20.11	—	—	—	—	—
2,7	—	29.20.17	—	—	—	—	—
2,8	—	—	—	29.20.20	—	—	—
3,2	—	—	29.20.12	—	29.20.13	—	—
3,5	—	—	29.20.14	—	29.20.18	—	—
4,5	—	—	29.20.15	—	—	29.20.16	—
5,0	—	—	—	—	—	—	29.20.21

Cutting pliers for metal implants (with interchangeable jaws)

- For cutting metal implants up to 5 mm in diameter
- Lenght – 340 mm

Catalog number: 29.37.12



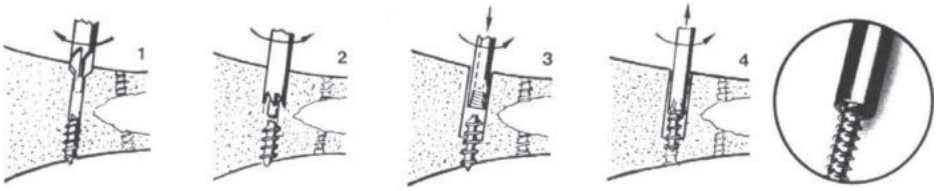
Interchangeable jaws for cutters for metal implants

Catalog number: 29.37.12.1

Instruments for removing broken screws

Technique for removing broken Ø 4.5 mm screws

1. Using a **crown bur**, drill a 2–3 mm deep socket over the screw head.
2. With a **hollow mill**, create a channel around the screw 5 mm below the fragment's edge.
3. Insert the **screw removal tool** into the prepared channel.
   Rotating the tool **counterclockwise**, engage it with the screw fragment until it bites.
4. Unscrew and extract the broken screw by continuing to rotate **counterclockwise.**



Crown bur, Ø 3.5/4.5 mm

- Lenght – 150 mm
- Used with a driver handle 29.22.20

Catalog number: 29.36.19



Broken screw extractor

- Lenght – 150 mm
- Used with a driver handle 29.22.20



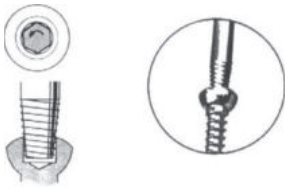
	ø screw, mm
29.36.17	3,5
29.36.18	4,5

Instruments for removing broken screws

Plus.
Trust across
Time

Technique for removing screws with a rounded hexagonal socket in the head

1. Insert the **removal tool** into the **hex socket** of the screw head.
2. Apply slight pressure and turn the tool **counterclockwise** until it **engages** with the screw head.
3. Continue rotating **counterclockwise** to **extract** the screw.



Extractor for screws with a rounded hex socket

- Lenght – 170 mm

	Hex, mm
29.36.12	2,5
29.36.13	3,5



Tip for removing screws with a rounded hex socket

- Lenght – 150 mm
- Used with a driver handle 29.22.20

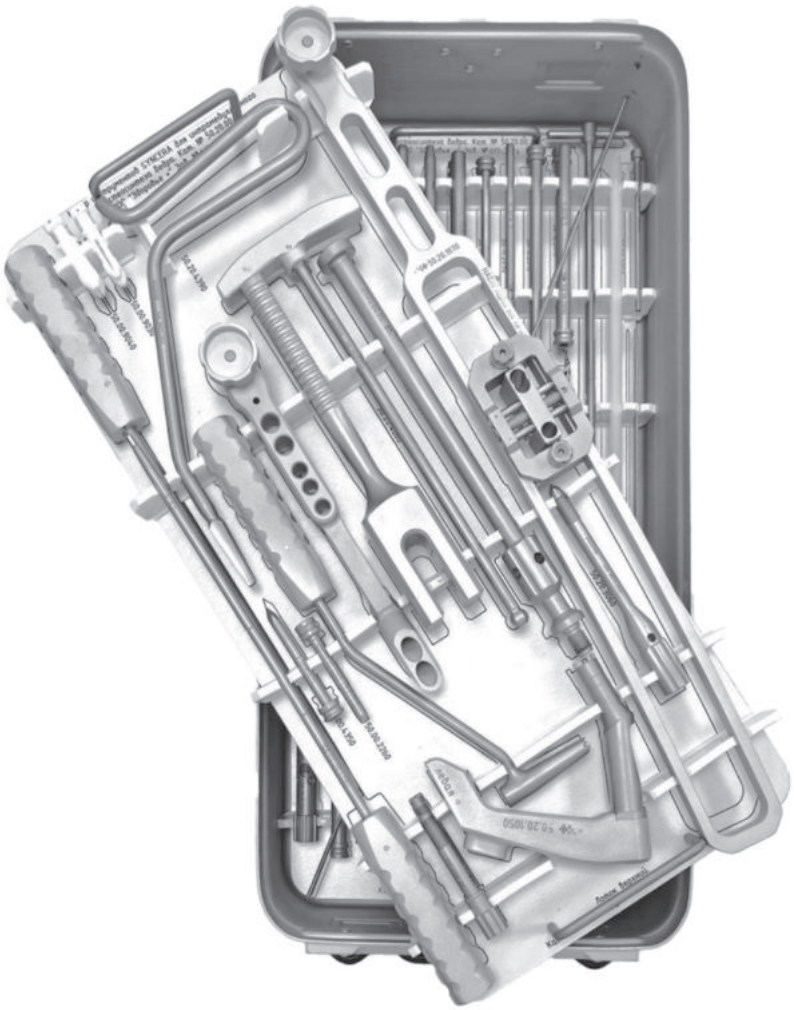


	Hex, mm
29.36.15	2,5
29.36.16	3,5

Instrument sets

Instrument sets

Art.	Name
50.10.00	Intramedullary tibial nailing instrument set
50.20.00	Intramedullary femoral nailing instrument set
50.30.00	Proximal femoral nailing instrument set
50.40.00	Intramedullary humeral nailing instrument set
50.80.00	TEN instrument set
10.30.20	Set of instruments for small angle plates



Steel hammer

	Length, mm	ø, mm	Weight, mm
29.30.15	240	38	690
29.30.16	240	30	460



K-wires

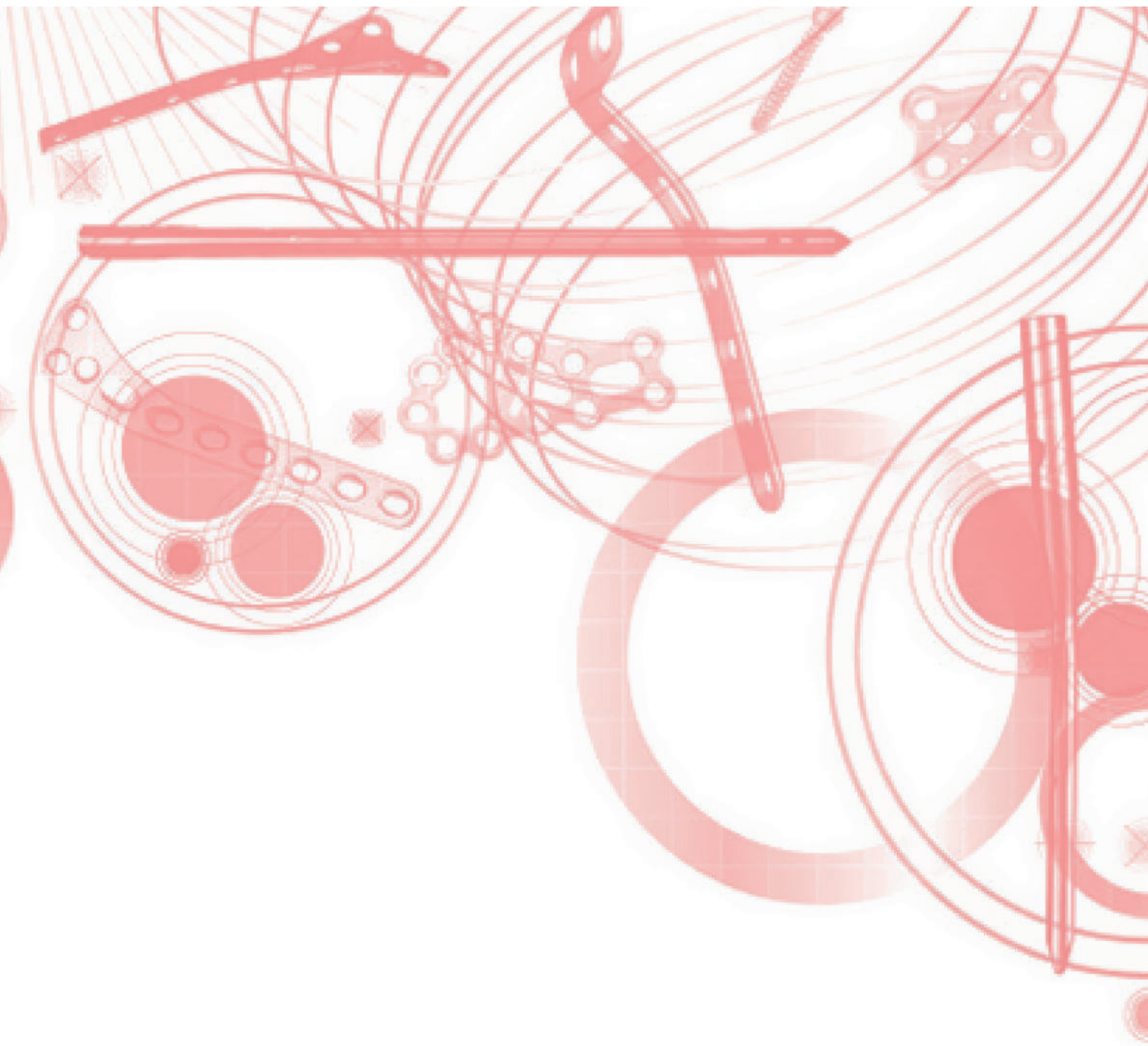


K-wire

Tip shape				
chisel	three-faceted	ø, mm	Length, mm	Stop
32.01.1215	32.03.1215	1,2	150	–
32.01.1525	32.03.1525	1,5	250	–
32.01.1530	32.03.1530	1,5	300	–
32.01.1840	32.03.1840	1,8	400	–
32.01.2040	32.03.2040	2,0	400	–
32.02.1525	32.04.1525	1,5	250	+
32.02.1840	32.04.1840	1,8	400	+
32.02.2040	32.04.2040	2,0	400	+

Threaded wire

Art.	ø, mm	Length, mm
32.04.2023	2,0	230
32.04.2020	2,0	200
32.04.2523	2,5	230
32.04.2535	2,5	350
32.04.3030	3,0	300





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