



RUSATOM  
METAL TECH  
ROSATOM

# INSTRUMENTS AND IMPLANTS FOR TRAUMATOLOGY





# State Atomic Energy Corporation Rosatom

State Atomic Energy Corporation Rosatom is a diversified holding company that owns assets and competencies in all parts of the nuclear energy production and technology chain: uranium exploration and mining, uranium conversion and enrichment, production of nuclear fuel, mechanical engineering, NPP design and construction, power generation, decommissioning of nuclear facilities, as well as spent nuclear fuel and radioactive waste management

State Atomic Energy Corporation Rosatom also develops new business areas outside the main production and process chain for generating electricity at large-capacity NPPs: wind power, nuclear medicine, advanced materials and technologies, digital products, infrastructure solutions, additive technologies and energy storage, automated process control systems and electrical engineering, environmental solutions, etc.

The Corporation unites over 300 enterprises and organisations, including scientific and research institutes, as well as the world’s only nuclear icebreaker fleet. Rosatom is the largest generating company in Russia and holds a leading position in the global nuclear technology markets (NPP construction, uranium enrichment services, production of nuclear fuel, etc.). The global nature of the Corporation is characterised by a large number and scale of projects, implemented in foreign countries, and a high share of foreign revenue.



**435**  
enterprises and organisations

**337<sup>ths</sup>**  
people work at the Corporation

**~20 %**  
share of power generated by NPPs in Russia

**2,25<sup>trillion</sup> ₺**  
portfolio of new products



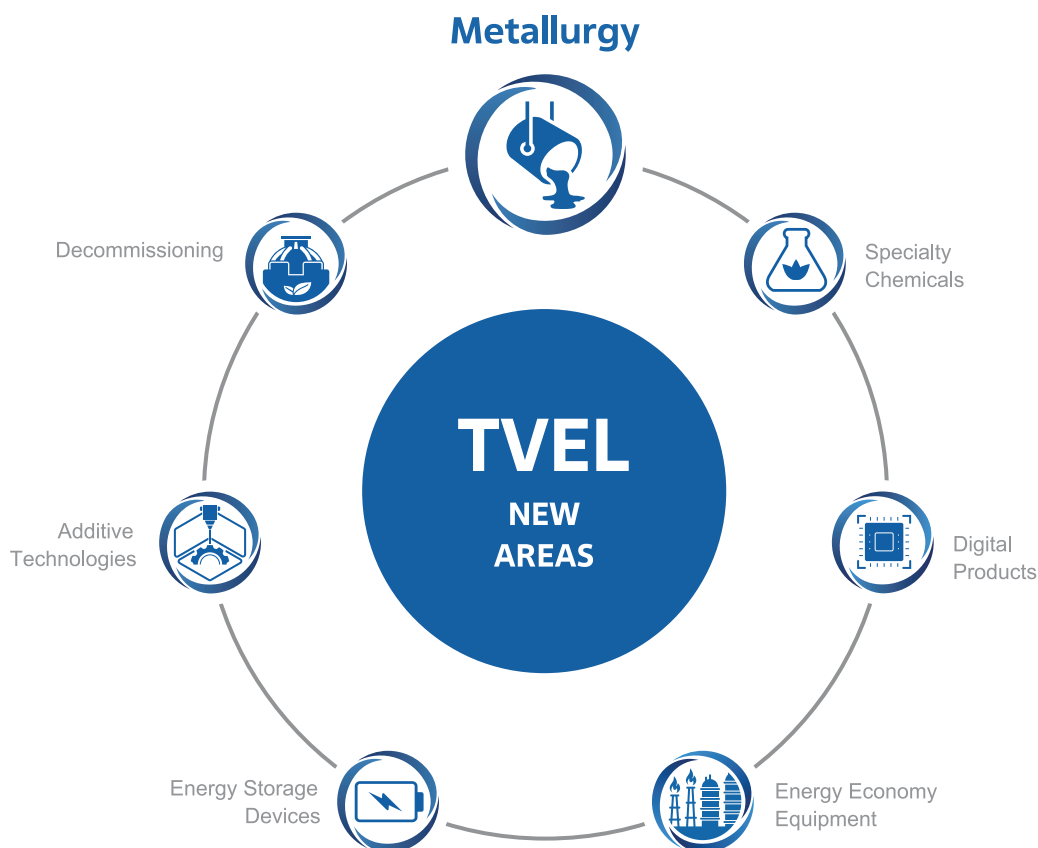
TVEL  
ROSATOM

## Rosatom’s Fuel Company TVEL

Rosatom’s Fuel Company TVEL is one of the world’s largest producers of nuclear fuel. The Fuel Company is a monopoly supplier of nuclear fuel for all Russian NPPs, as well as Russian propulsion and research reactors. TVEL’s fuel is used by NPPs in 14 countries of the world, which is every 6<sup>th</sup> power reactor.

The Fuel Company includes enterprises specialising in the production of gas centrifuges, uranium enrichment, and production of nuclear fuel, as well as research and development organisations.

Rosatom’s Fuel Company TVEL is actively developing new business areas, such as metallurgy, chemical industry, digital and additive technologies, energy storage, equipment for the energy economy, and decommissioning of various facilities.



10  
production sites

25,4<sup>ths</sup>  
thousand people work at the Company

17 %  
of the global nuclear fuel production market

31,4<sup>billion</sup> ₪  
revenue from new products



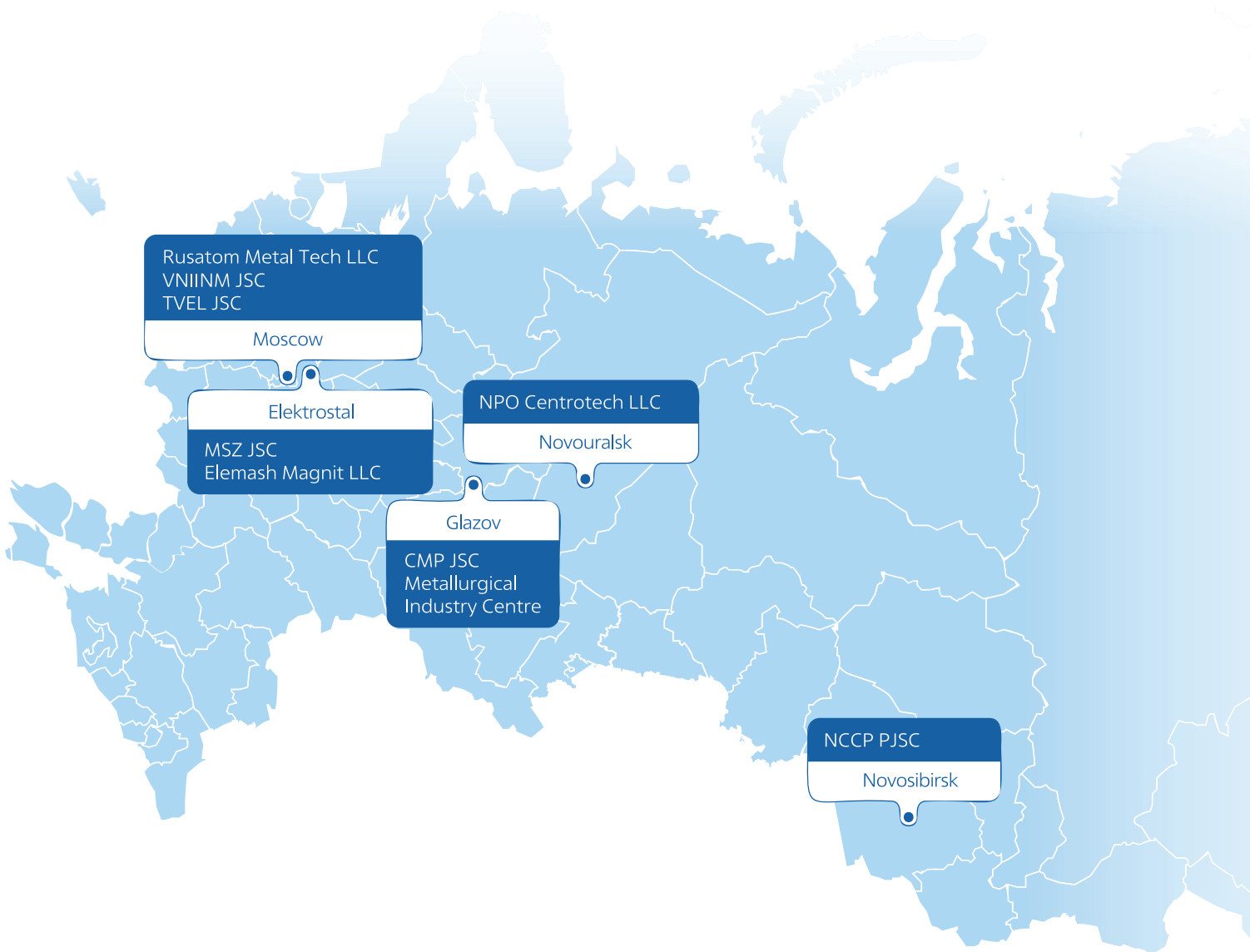
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## Rusatom Metal Tech LLC, TVEL’s Metallurgical Integrator

*TVEL is actively developing non-nuclear businesses; metallurgy is one of the key areas. Working on it includes acquisition of new clients, increasing production capacity, and building new alliances / partnerships.*

Rusatom Metal Tech LLC controls the Metallurgical Industry Center created on the basis of Chepetsk Mechanical Plant JSC – a state-of-the-art integrated facility doing everything from hydrometallurgy to rolling. It produces a wide variety of products made of refractory / light metals and their alloys – including high-precision rolled products with high-quality surface.

Rusatom Metal Tech LLC also wields the combined metallurgical knowledge of MSZ JSC, NCCP PJSC , Elemash Magnit LLC, NPO Centrotech LLC, and VNIINM JSC (which are part of ROSATOM’s fuel group of companies).



# Advantages



Unique production assets with a developed logistics infrastructure



Certified quality management system



Compliance with standards of Russian and international certification authorities



More than 30 years of experience on Russian and foreign markets



More than 3 200 highly qualified experts



Partnership with leading scientific organizations



Our own R&D centre

- 
- Titanium products: JSC CMP
  - Calcium injection wire and alloying elements: JSC CMP
  - Refractory, rare, and rare-earth metals: JSC CMP, Elemash Magnit LLC
  - Nickel and cobalt powders: NPO Centrotech LLC

## Promising products:

High-strength wire — Rusatom Metal Tech LLC;  
Zirconium dioxide-based production — CMP JSC;  
Precision molding, aluminum — NCCP PJSC;  
Production of high-precision stainless steel pipes — MSZ JSC.

# Medical Materials and Technologies

As part of the development of the Medical Materials and Technologies business line, Rusatom Metal Tech LLC is actively working on the organisation of domestic high-tech production of medical materials and products, all the while implementing projects aimed at import substitution of socially important medical products and creation of high-quality implantable products of Russian manufacture.

Rusatom Metal Tech LLC designs, develops, manufactures, and sells plates for osteosynthesis of small, medium, and large bone fragments; intramedullary rods for treatment of distal, diaphyseal, and proximal fractures of the humerus, femur, and tibia; their components; as well as the necessary surgical instruments for their installation, removal, and replacement.

## Product Line:

- Implants and instruments for osteosynthesis under 2.7/3.5 mm locking screw systems (small and medium bone fragments)
- Implants and instruments for osteosynthesis under 5.0 mm locking screw systems (large bone fragments)
- Rod systems and instruments for osteosynthesis of fractures of the humerus, femur, and tibia.



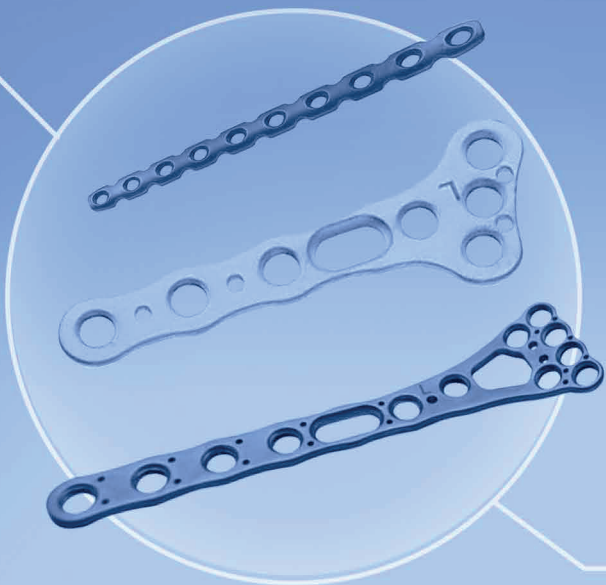
## OOO MegaTekFarm

OOO Medservis is the exclusive distributor of implants and surgical instruments for traumatology manufactured by Rusatom Metal Tech LLC. The network of OOO MegaTekFarm representatives covers the entire territory of the Russian Federation and includes 35 regional sub-distributors.

The Company has been on the traumatology and orthopaedics market since 2009 and has broad competence in bringing medical devices to the Russian market, as well as selling them and arranging training on working with products of leading world brands. During product implementation, OOO Medservis cooperates closely with the clinical community in the government and commercial segment.



# Implants and Instruments for Osteosynthesis of Small and Medium Bone Fragments





## Straight Limited Contact Plate, with combined holes AS



**Application:**

for osteosynthesis of simple, comminuted, and compound diaphyseal fractures of long bones (radius, ulna, humerus)

Thickness: 3.0 mm  
Width: 11 mm  
Hole Spacing: 12 mm  
Material: Titanium

Catalogue Number	Length, mm	Number of Holes, pcs
100-0104-059	59	4
100-0105-072	72	5
100-0106-085	85	6
100-0107-098	98	7
100-0108-111	111	8
100-0109-124	124	9
100-0110-137	137	10
100-0111-150	150	11
100-0112-163	163	12

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Reconstructive Limited Contact Plate AS



**Application:**

for osteosynthesis of simple, comminuted, and compound diaphyseal fractures of long bones (radius, ulna, fibula)

Thickness: 2.8 mm  
Width: 10 mm  
Hole Spacing: 12 mm  
Material: Titanium

Catalogue Number	Length, mm	Number of Holes, pcs
100-0500-005	58	5
100-0500-006	70	6
100-0500-007	82	7
100-0500-008	94	8
100-0500-009	106	9
100-0500-010	118	10
100-0500-012	142	12
100-0500-014	166	14
100-0500-016	190	16
100-0500-018	214	18
100-0500-020	238	20
100-0500-022	262	22

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm

## Reconstructive Limited Contact Plate, with combined holes AS



**Application:**

for osteosynthesis of simple, comminuted, and compound diaphyseal fractures of long bones (radius, ulna, fibula).

Thickness: 2.8 mm  
 Width: 10 mm  
 Hole Spacing: 14.5 mm  
 Material: Titanium

Catalogue Number	Length, mm	Number of Holes, pcs
100-0510-005	70,5	5
100-0510-006	80	6
100-0510-007	99,5	7
100-0510-008	114	8
100-0510-009	128,5	9
100-0510-010	143	10
100-0510-012	172	12
100-0510-014	201	14
100-0510-016	230	16
100-0510-018	259	18
100-0510-020	288	20
100-0510-022	317	22

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Anatomical Volar Plate AS



**Application:**

for osteosynthesis along the volar surface of the distal and metaepiphyseal radius on the left and right sides

Thickness: 1.5 mm  
 Width: 10 mm  
 Material: Titanium

Catalogue Number	Length, mm	Left/Right
100-0540-003	3 + 6	L
100-0550-003	3 + 6	R
100-0540-004	4 + 6	L
100-0550-004	4 + 6	R

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Anatomical T-plate AS



**Application:**

for osteosynthesis along the dorsal surface of the distal and metaepiphyseal radius on the left and right sides

Thickness: 1.5 mm  
Width: 10 mm  
Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0520-003	51	3 + 3	L
100-0530-003	51	3 + 3	R
100-0520-004	63	4 + 3	L
100-0530-004	63	4 + 3	R
100-0520-005	75	5 + 3	L
100-0530-005	75	5 + 3	R

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Anatomical T-plate AS



**Application:**

for osteosynthesis along the dorsal surface of the distal and metaepiphyseal radius on the left and right sides

Thickness: 1.5 mm  
Width: 10 mm  
Material: Titanium

Catalogue Number	Length, mm	Number of Holes, pcs
100-0590-033	50	3 + 3
100-0590-043	62	4 + 3
100-0590-053	74	5 + 3
100-0590-034	50	3 + 4
100-0590-044	62	4 + 4
100-0590-064	86	6 + 4

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Proximal Shoulder Plate like Phyllos AS



**Application:**  
for osteosynthesis of the proximal humerus and multi-comminuted fractures of the humeral head

Thickness: 3.0 mm  
Width / leg: 12 mm  
Width / head: 20 mm  
Material: Titanium

Catalogue Number	Length, mm	Number of Holes, pcs
100-0580-003	90	3
100-0580-005	110	5
100-0580-009	150	9
100-0580-012	180	12

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Distal Dorsolateral Humeral Plate AS



**Application:**  
for osteosynthesis of distal and condylar humerus fractures

Thickness: 2.5 mm  
Width: 11.4 mm  
Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0590-303	65	3	R
100-0590-305	91	5	R
100-0590-307	117	7	R
100-0590-309	143	9	R
100-0590-314	208	14	R
100-0590-203	65	3	L
100-0590-205	91	5	L
100-0590-207	117	7	L
100-0590-209	143	9	L
100-0590-214	208	14	L

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Calcaneus Plate AS



**Application:**  
for osteosynthesis of calcaneus fractures

Thickness: 1.5 mm  
Width: 10 mm

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0560-008	62	8	L
100-0570-008	62	8	R
100-0560-010	72	10	L
100-0570-010	72	10	R

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Calcaneus Plate, TYPE B AS



**Application:**  
for osteosynthesis of calcaneus fractures

Thickness: core 1.6 mm / holes 2.2 mm  
Width: 4.0 mm / 8.0 mm  
Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0571-015	69	15	L
100-0572-015	69	15	R

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Distal Medial Humeral Plate AS



**Application:**

for osteosynthesis of condylar humerus fractures and juxta-articular fractures. It is used both in combination with the Distal Dorsolateral Plate and independently

Thickness: 4.0 mm  
Width: 11.5 mm  
Material: Titanium

Catalogue Number	Length, mm	Number of Holes, pcs
100-0590-107	80	6
100-0590-109	106	8
100-0590-111	132	10
100-0590-113	158	12
100-0590-115	184	14

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Distal Medial Humeral Plate AS



**Application:**

for osteosynthesis of condylar humerus fractures and juxta-articular fractures. It is used both in combination with the Distal Dorsolateral Humeral Plate and independently

Thickness: 2.5 mm  
Width: 11.4 mm  
Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0590-403	59	3	L
100-0590-405	84	5	L
100-0590-407	110	7	L
100-0590-409	136	9	L
100-0590-414	201	14	L
100-0590-503	59	3	R
100-0590-505	84	5	R
100-0590-507	110	7	R
100-0590-509	136	9	R
100-0590-514	201	14	R

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Distal Medial Tibial Plate AS



### Application:

for osteosynthesis of compound articular fractures of the ankle joint (medical malleolus comminuted fractures), juxta-articular fractures, distal tibia fractures

- Thickness: 4.0 mm
- Width / leg: 12.0 mm
- Width / head: 23.0 mm
- Hole Spacing / leg: 13 mm
- Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0600-004	117	4	R
100-0600-006	144	6	R
100-0600-008	171	8	R
100-0600-010	198	10	R
100-0600-012	225	12	R
100-0600-014	252	14	R
100-0601-004	117	4	L
100-0601-006	144	6	L
100-0601-008	171	8	L
100-0601-010	198	10	L
100-0601-012	225	12	L
100-0601-014	252	14	L

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Olecranon Plate AS



### Application:

for osteosynthesis of olecranon fractures and proximal ulna fractures

- Thickness: 3.0 mm
- Width: 10.0 mm
- Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0590-702	86	2	R
100-0590-704	112	4	R
100-0590-706	138	6	R
100-0590-708	164	8	R
100-0590-710	190	10	R
100-0590-712	216	12	R
100-0590-602	86	2	L
100-0590-604	112	4	L
100-0590-606	138	6	L
100-0590-608	164	8	L
100-0590-610	190	10	L
100-0590-612	216	12	L

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Distal Fibular Plate AS



**Application:**  
for osteosynthesis of distal and diaphyseal fibula fractures

Thickness: 3.0 mm  
Width: 11.0 mm  
Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0611-003	73	3	R
100-0611-004	86	4	R
100-0611-005	99	5	R
100-0611-006	112	6	R
100-0611-007	125	7	R
100-0611-009	151	9	R
100-0611-011	177	11	L
100-0610-003	73	3	L
100-0610-004	86	4	L
100-0610-005	99	5	L
100-0610-006	112	6	L
100-0610-007	125	7	L
100-0610-009	151	9	L
100-0610-011	177	11	L

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Distal Anterolateral Tibial Plate AS



**Application:**  
for osteosynthesis of distal and diaphyseal tibia fractures

Thickness: 4.0 mm  
Width: 13.0 mm  
Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0613-005	80	5	R
100-0613-007	106	7	R
100-0613-009	132	9	R
100-0613-011	158	11	R
100-0613-013	184	13	R
100-0613-015	210	15	R
100-0613-017	236	17	R
100-0613-019	262	19	R
100-0613-021	288	21	R
100-0612-005	80	5	L
100-0612-007	106	7	L
100-0612-009	132	9	L
100-0612-011	158	11	L
100-0612-013	184	13	L
100-0612-015	210	15	L
100-0612-017	236	17	L
100-0612-019	262	19	L
100-0612-021	288	21	L

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm



## 1/3 Tube Plate AS



**Application:**  
for osteosynthesis of long bones diaphysis (radius, ulna, fibula)

Thickness: 2.0 mm  
Width: 9.0 mm  
Hole Spacing: 12 mm and 16 mm  
Material: Titanium

Catalogue Number	Length, mm	Number of Holes, pcs
100-0700-002	25	2
100-0700-003	37	3
100-0700-004	49	4
100-0700-005	61	5
100-0700-006	73	6
100-0700-007	85	7
100-0700-008	97	8
100-0700-009	109	9
100-0700-010	121	10
100-0700-011	133	11
100-0700-012	145	12

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Plate for Osteosynthesis of the Acromial Extremity of Clavicle AS



**Application:**  
for osteosynthesis of the acromial extremity of clavicle

Thickness: 3,6 mm  
Width: 10,0 mm  
Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0800-154	4	15	L
100-0800-184	4	18	L
100-0800-155	5	15	L
100-0800-185	5	18	L
100-0800-156	6	15	L
100-0800-186	6	18	L
100-0800-158	8	15	L
100-0800-188	8	18	L
100-0801-154	4	15	R
100-0801-184	4	18	R
100-0801-155	5	15	R
100-0801-185	5	18	R
100-0801-156	6	15	R
100-0801-186	6	18	R
100-0801-158	8	15	R
100-0801-188	8	18	R

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Clavicular S-Plate AS



**Application:**  
for osteosynthesis of diaphyseal clavicle fractures

Thickness: 3.3 mm  
Width: 10.5 mm  
Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0846-094	94	6	R
100-0847-110	110	7	R
100-0848-120	120	8	R
100-0856-094	94	6	L
100-0857-110	110	7	L
100-0858-120	120	8	L

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

## Anatomical Volar Plate AS



**Application:**  
for osteosynthesis along the volar surface of the distal and metaepiphyseal radius on the left and right sides

Thickness: 1.5 mm  
Width: 9.0 mm  
Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
100-0541-003	60	6	L
100-0551-003	60	6	R
100-0541-004	70	7	L
100-0551-004	70	7	R
100-0541-005	80	8	L
100-0551-005	80	8	R
100-0541-006	90	9	L
100-0551-006	90	9	R

Complete with lockable cortical titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard cortical screws without angular stability  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm

### Fully Threaded Lockable Cortical Screw Ø 3.5 Mm, Self-Tapper



- Head diameter: 6.0 mm
- Head thread: M5
- Core diameter: 2.9 mm
- Thread pitch: 0.8 mm
- Used drill bit for threaded hole Ø 2.8 mm, calibrated length: 165 mm
- Material: Titanium

Catalogue Number	Length, mm
100-0040-010ST	10
100-0040-012ST	12
100-0040-014ST	14
100-0040-016ST	16
100-0040-018ST	18
100-0040-020ST	20
100-0040-022ST	22
100-0040-024ST	24
100-0040-026ST	26
100-0040-028ST	28
100-0040-030ST	30
100-0040-032ST	32
100-0040-034ST	34
100-0040-035ST	35
100-0040-036ST	36
100-0040-038ST	38
100-0040-040ST	40
100-0040-042ST	42
100-0040-045ST	45
100-0040-048ST	48
100-0040-050ST	50
100-0040-052ST	52
100-0040-055ST	55
100-0040-060ST	60
100-0040-065ST	65
100-0040-070ST	70

### Fully Threaded Lockable Cortical Screw Ø 2.7 mm, Self-Tapper



- Head diameter: 6.0 mm
- Head thread: M5
- Core diameter: 1.9 mm
- Thread pitch: 0.8 mm
- Used drill bit for threaded hole Ø 2.0 mm, calibrated length: 165 mm
- Material: Titanium

Catalogue Number	Length, mm
100-0030-010ST	10
100-0030-012ST	12
100-0030-014ST	14
100-0030-016ST	16
100-0030-018ST	18
100-0030-020ST	20
100-0030-022ST	22
100-0030-024ST	24
100-0030-026ST	26
100-0030-028ST	28
100-0030-030ST	30
100-0030-032ST	32
100-0030-035ST	35
100-0030-038ST	38
100-0030-040ST	40
100-0030-045ST	45
100-0030-050ST	50
100-0030-055ST	55
100-0030-060ST	60

### Washer

- For titanium screws Ø 2.7 mm / Ø 3.5 mm

Catalogue Number
100-0030-010ST



### Fully Threaded Cortical Screw Ø 3.5 mm, Self-Tapper



- Head diameter: 6.0 mm
- Hexagon width: 2.5 mm
- Cortical thread core diameter: 2.4 mm
- Thread pitch: 1.25 mm
- Used tap Ø 3.5 mm with a pitch of 1.25 mm
- Material: Titanium

Catalogue Number	Length, mm
100-0004-010ST	10
100-0004-012ST	12
100-0004-014ST	14
100-0004-016ST	16
100-0004-018ST	18
100-0004-020ST	20
100-0004-022ST	22
100-0004-024ST	24
100-0004-026ST	26
100-0004-028ST	28
100-0004-030ST	30
100-0004-032ST	32
100-0004-034ST	34
100-0004-036ST	36
100-0004-038ST	38
100-0004-040ST	40
100-0004-045ST	45
100-0004-048ST	48
100-0004-050ST	50
100-0004-055ST	55
100-0004-060ST	60
100-0004-065ST	65
100-0004-070ST	70

### Fully Threaded Cancellous Screw Ø 4 mm, Self-Tapper



- Head diameter: 6.0 mm
- Hexagon width: 2.5 mm
- Cortical thread core diameter: 1.9 mm
- Thread pitch: 1.75 mm
- Used drill bit for threaded hole Ø 2.5 mm, - length 110 mm / 85 mm
- Used tap Ø 4.0 mm with a pitch of 1.75 mm
- Material: Titanium

Catalogue Number	Length, mm
100-0007-010T	10
100-0007-012T	12
100-0007-014T	14
100-0007-016T	16
100-0007-018T	18
100-0007-020T	20
100-0007-022T	22
100-0007-024T	24
100-0007-026T	26
100-0007-028T	28
100-0007-030T	30
100-0007-032T	32
100-0007-034T	34
100-0007-035T	35
100-0007-036T	36
100-0007-038T	38
100-0007-040T	40
100-0007-045T	45
100-0007-050T	50
100-0007-055T	55
100-0007-060T	60

### Lockable Plug Ø 3.5

- Head diameter: 6.0 mm
- Thread: M5 / pitch 0.8 mm
- Material: Titanium

Catalogue Number
100-0060-010



## Hexagonal Screwdriver 2.5 mm

**Catalogue Number**

009-0368-025



## Screwdriver Sleeve 009-0368-025

**Catalogue Number**

009-0390-060



## T-handle with оятка Quick Release Mechanism

**Catalogue Number**

005-0211-044



## Working Part of 2.5 mm Hexagonal Screwdriver with Quick Release AO Connection

**Catalogue Number**

005-0214-003



## Countersink for Screws Ø 3.5

**Catalogue Number**

005-0210-089



## Tap

**Catalogue number**

**Thread, mm**

005-0211-032

Ø 3.5 mm with cortical pitch 1.25 mm

005-0211-036

Ø 4.0 mm with cortical pitch 1.75 mm



## Drill Bit with Quick Release AO connection

**Catalogue number**

**Thread, mm**

**Application**

005-0210-025

Ø 2.5 mm, length 110 mm / 85 mm

For cortical screws Ø 3.5 mm

100-0130-030

Ø 2.8 mm, length 165 mm, calibrated

For cortical screws Ø 3.5 mm

100-0130-020

Ø 2.0 mm, length 165 mm, calibrated

For cortical screws Ø 2.7 mm



### Screw Depth Meter from Ø 2.7 mm to Ø 4.0 mm

**Catalogue Number**

005-0219-004



### Combined Guide for Ø 3.5 mm Tap and Ø 2.5 mm Drill Bit

**Catalogue Number**

005-0222-030



### Working Part of Hexagonal Screwdriver

**Catalogue Number**

100-0152-015



### Torque Handle, with Фиксация Release Mechanism

**Catalogue Number**

100-0150-015



### Guide Bushing

**Catalogue Number**

100-0140-060



### Drill Guide Bushing

**Catalogue number**

**Thread, mm**

100-0140-040 for drill bits Ø 2.8 mm Cat. No. 100-0130-030

100-0140-020 for drill bits Ø 2.0 mm Cat. No. 100-0130-020



### Channel Depth Meter

**Catalogue Number**

100-0140-080



### Twist Drill Needle with Trocar Shift and Round Rod End

**Catalogue Number**

004-0310-016



## Screw Forceps

Catalogue Number

001-0013-010



## Torx Working Part for Lockable Cortical Screws Ø 2.7 / 3.5 mm

Catalogue Number

100-0152-115



## Proximal Humeral Plate Guide

Catalogue Number

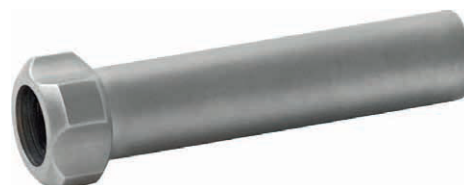
100-0140-100



## Shoulder Drill Bit Guide Bushing

Catalogue Number

100-0140-110



## Shoulder Tap Guide Bushing

Catalogue Number

100-0140-120



## Perforated Sterilisation Container 580 x 280 x 135 mm

Catalogue Number

000-0000-000



## Distal Radius Plate AS



**Application:**

for osteosynthesis of the dorsal part of the distal radius on the left and right sides

Thickness: 1.5 mm  
Material: Titanium

Catalogue Number	Name	Width, mm	Length, mm	Number of Holes, pcs
150-6600-202-S	Short right	Leg: 9 Head: 23.5	43,5	3 + 7
150-6600-203-S	Short left	Leg: 9 Head: 23.5	43,5	3 + 7
150-6600-204-S	Standard right	Leg: 9 Head: 23.5	53,0	3 + 7
150-6600-205-S	Standard left	Leg: 9 Head: 23.5	53,0	3 + 7
150-6600-214-S	Standard wide right	Leg: 9 Head: 27.0	53,0	3 + 7
150-6600-215-S	Standard wide left	Leg: 9 Head: 27.0	53,0	3 + 7
150-6600-206-S	Long right	Leg: 9 Head: 23.5	70,0	5 + 7
150-6600-207-S	Long left	Leg: 9 Head: 23.5	70,0	5 + 7

Complete with polyaxial screws with and without angular stability  $\varnothing$  2.7 mm

## Distal Fibular Plate, with AS Tip



**Application:**

for osteosynthesis of diaphyseal and metaepiphyseal fibula fractures

Thickness: 3.0 mm  
Width: 17.5 mm  
Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
150-6600-012-S	78	11	R
150-6600-016-S	94	13	R
150-6600-020-S	121	13	R
150-6600-013-S	78	11	L
150-6600-017-S	94	13	L
150-6600-021-S	121	13	L

Complete with lockable titanium screws  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm in combination with standard titanium screws  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm



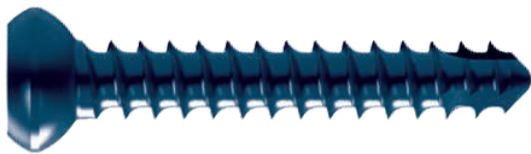
### Polyaxial Screw with Angular Stability Ø 2.7 mm



- Head diameter: 5.0 mm
- Cortical thread core diameter: 1.9 mm
- Material: Titanium

Catalogue Number	Length, mm
150-6227-010PTXL-S	10
150-6227-012PTXL-S	12
150-6227-014PTXL-S	14
150-6227-018PTXL-S	16
150-6227-020PTXL-S	18
150-6227-022PTXL-S	20
150-6227-024PTXL-S	22
150-6227-024PTXL-S	24
150-6227-026PTXL-S	26
150-6227-028PTXL-S	28
150-6227-030PTXL-S	30
150-6227-032PTXL-S	32
150-6227-034PTXL-S	34
150-6227-036PTXL-S	36

### Polyaxial Screw without Angular Stability Ø 2.7 mm



- Head diameter: 5.0 mm
- Cortical thread core diameter: 1.9 mm
- Material: Titanium

Catalogue Number	Length, mm
150-6227-010TX-S	10
150-6227-012TX-S	12
150-6227-014TX-S	14
150-6227-016TX-S	16
150-6227-018TX-S	18
150-6227-020TX-S	20
150-6227-022TX-S	22
150-6227-024TX-S	24
150-6227-026TX-S	26
150-6227-028TX-S	28
150-6227-030TX-S	30
150-6227-032TX-S	32
150-6227-034TX-S	34
150-6227-036TX-S	36
150-6227-038TX-S	38
150-6227-040TX-S	40
150-6227-042TX-S	42
150-6227-044TX-S	44
150-6227-046TX-S	46
150-6227-048TX-S	48
150-6227-050TX-S	50

## Screwdriver T10

**Catalogue number**

150-7100-0181



## Channel Depth Meter

**Catalogue number**

150-7100-033SU



## Drill Bit 1.9 mm

**Catalogue number**

150-7100-0101



## Monoaxial Bushing

**Catalogue number**

150-7100-019H



## Twist Drill Needle with Trocar Shift and Round Rod End

**Catalogue number**

150-6801-016

**Diameter, mm**

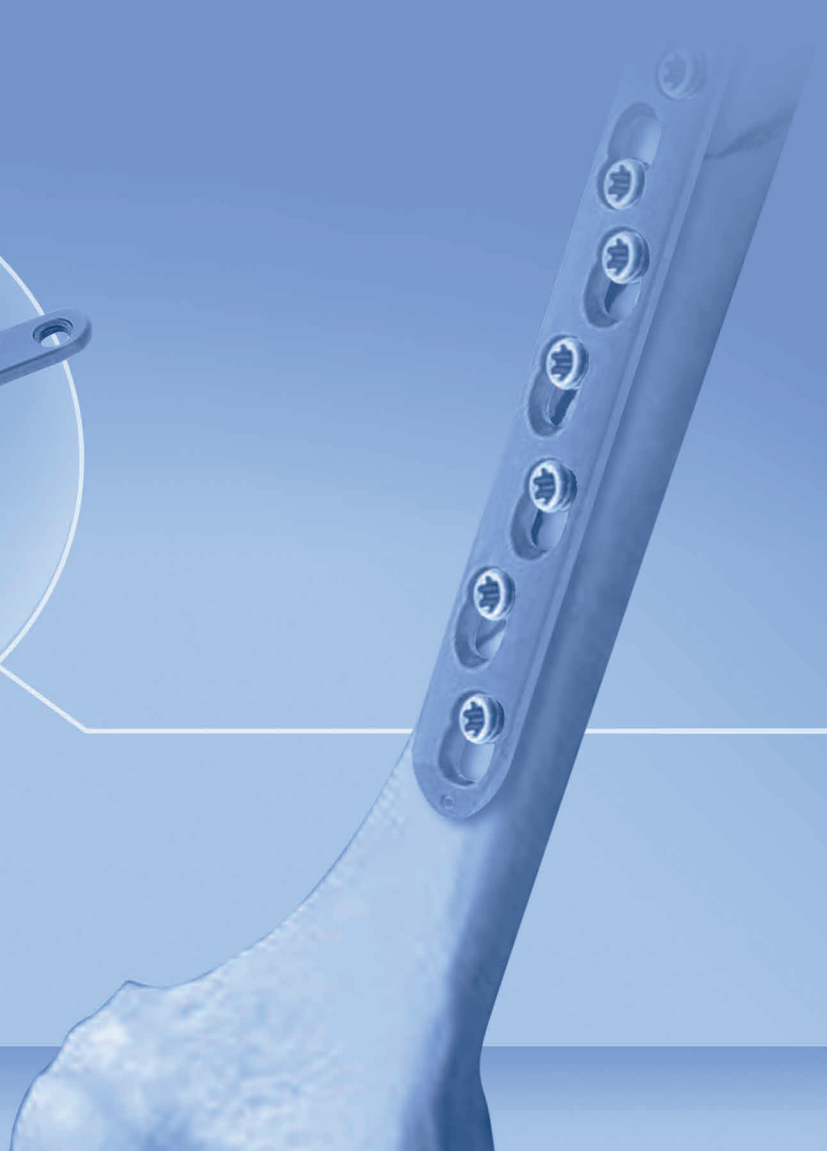
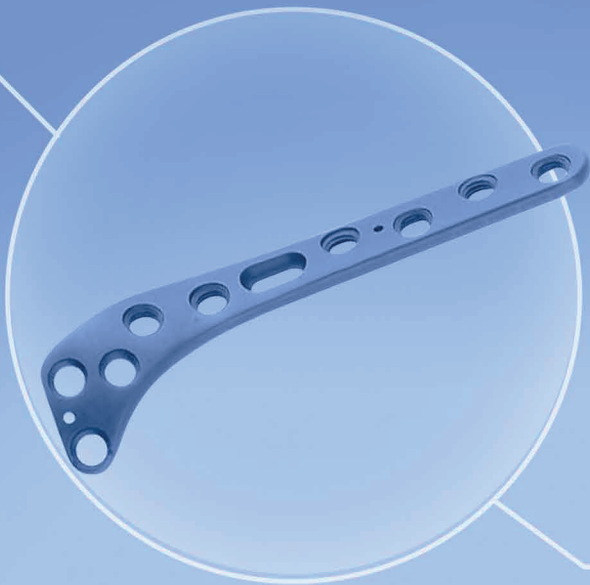
1,6

**Length, mm**

150



# Implants and Instruments for Osteosynthesis of Large Bone Fragments



## Straight Wide Plate, with combined holes AS



### Application:

for osteosynthesis of simple, comminuted, and compound diaphyseal fractures of long bones, such as: humerus, tibia, and femur

Thickness: 5.2 mm  
Width: 17.5 mm  
Hole Spacing: 18.0 mm  
Material: Titanium

Catalogue Number	Length, mm	Number of Holes, pcs
102-0100-152	152	8
102-0100-170	170	9
102-0100-188	188	10
102-0100-206	206	11
102-0100-224	224	12
102-0100-260	260	14
102-0100-306	306	16

Complete with lockable cortical titanium screws  $\varnothing$  5.0 mm in combination with standard titanium cortical screws without angular stability  $\varnothing$  4.5 mm

## Straight Narrow Plate, with combined holes AS



### Application:

for osteosynthesis of simple, comminuted, and compound diaphyseal fractures of long bones, such as: humerus, tibia, and femur

→ Thickness: 4.3 mm  
→ Width: 13.5 mm  
→ Hole Spacing: 18.0 mm  
→ Material: Titanium

Catalogue Number	Length, mm	Number of Holes, pcs
102-0101-098	98	5
102-0101-116	116	6
102-0101-134	134	7
102-0101-152	152	8
102-0101-170	170	9
102-0101-188	188	10
102-0101-224	224	12
102-0101-260	260	14

Complete with lockable cortical titanium screws  $\varnothing$  5.0 mm in combination with standard titanium cortical screws without angular stability  $\varnothing$  4.5 mm

## Proximal Medial Tibial Plate, without combined holes AS



### Application:

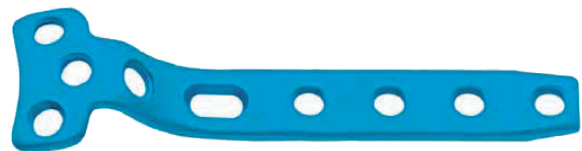
for osteosynthesis of metaphyseal fractures of the proximal humerus, medial condyle and diaphyseal fractures of the tibia

- Thickness: 2.9 mm
- Width: 14.7 mm
- Hole Spacing: 15.0 mm
- Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
102-0102-004	101	4	R
102-0102-006	131	6	R
102-0102-008	161	8	R
102-0102-010	191	10	R
102-0103-004	101	4	L
102-0103-006	131	6	L
102-0103-008	161	8	L
102-0103-010	191	10	L

Complete with lockable cortical titanium screws  $\varnothing$  5.0 mm in combination with standard titanium cortical screws without angular stability  $\varnothing$  4.5 mm

## Proximal Tibial T-Plate AS



### Application:

for osteosynthesis of metaphyseal fractures of the proximal humerus, medial condyle and diaphyseal fractures of the tibia

- Thickness: 2.5 mm
- Width: 16.7 mm
- Hole Spacing: 16.0 mm
- Material: Titanium

Catalogue Number	Length, mm	Number of Holes, pcs
102-0104-004	85	4
102-0104-006	117	6
102-0104-008	149	8

Complete with lockable cortical titanium screws  $\varnothing$  5.0 mm in combination with standard titanium cortical screws without angular stability  $\varnothing$  4.5 mm

## Distal Lateral Tibial Plate AS



**Application:**  
for osteosynthesis of the distal tibia fractures, diaphyseal tibia fractures

- Thickness: 3.7 mm
- Width: 15.0 mm
- Hole Spacing: 15.0 mm
- Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
102-0105-005	121	5	R
102-0105-006	136	6	R
102-0105-008	166	8	R
102-0106-005	121	5	L
102-0106-006	136	6	L
102-0106-008	166	8	L

Complete with lockable cortical titanium screws  $\varnothing$  5.0 mm in combination with standard titanium cortical screws without angular stability  $\varnothing$  4.5 mm

## Posteromedial Proximal Tibial Plate AS



**Application:**  
for osteosynthesis in corrective osteotomy (closed wedge) and for lateral treatment of proximal tibial fractures

- Thickness: 2.9 mm
- Width: 16.0 mm
- Hole Spacing: 15.0 mm
- Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
102-0107-005	115	5	R
102-0107-007	145	7	R
102-0107-009	175	9	R
102-0107-011	205	11	R
102-0107-013	235	13	R
102-0108-005	115	5	L
102-0108-007	145	7	L
102-0108-009	175	9	L
102-0108-011	205	11	L
102-0108-013	235	13	L

Complete with lockable cortical titanium screws  $\varnothing$  5.0 mm in combination with standard titanium cortical screws without angular stability  $\varnothing$  4.5 mm

## Distal Lateral Femoral Plate AS



**Application:**  
for osteosynthesis of distal femur fractures

- Thickness: 5.6 mm
- Width: 16.0 mm
- Hole Spacing: 20.0 mm
- Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
102-0109-005	159	5	R
102-0109-007	199	7	R
102-0109-009	239	9	R
102-0109-011	279	11	R
102-0109-013	319	13	R
102-0110-005	159	5	L
102-0110-007	199	7	L
102-0110-009	239	9	L
102-0110-011	279	11	L
102-0110-013	319	13	L

Complete with lockable cortical titanium screws  $\varnothing$  5.0 mm in combination with standard titanium cortical screws without angular stability  $\varnothing$  4.5 mm

## Distal Lateral Femoral Plate AS



**Application:**  
for osteosynthesis of distal femur fractures

- Thickness: 5.6 mm
- Width: 16.0 mm
- Hole Spacing: 20.0 mm
- Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
102-0111-005	156	5	R
102-0111-007	196	7	R
102-0111-009	236	9	R
102-0111-011	276	11	R
102-0111-013	316	13	R
102-0112-005	156	5	L
102-0112-007	196	7	L
102-0112-009	236	9	L
102-0112-011	276	11	L
102-0112-013	316	13	L

Complete with lockable cortical titanium screws  $\varnothing$  5.0 mm in combination with standard titanium cortical screws without angular stability  $\varnothing$  4.5 mm

## Proximal Femoral Plate AS



### Application:

trochanteric femur fractures and femur proximal end fractures in combination with ipsilateral diaphyseal fractures

- Thickness: 5.2 mm
- Width: 17.5 mm
- Hole Spacing: 18.0 mm
- Material: Titanium

Catalogue number	Length, mm	Number of Holes, pcs	Left/Right
102-0113-002	139	2	R
102-0113-003	157	3	R
102-0113-004	175	4	R
102-0113-005	193	5	R
102-0113-006	211	6	R
102-0113-007	229	7	R
102-0113-008	247	8	R
102-0113-009	265	9	R
102-0113-010	283	10	R
102-0113-011	301	11	R
102-0113-012	319	12	R
102-0113-013	337	13	R
102-0113-014	355	14	R
102-0113-015	373	15	R
102-0113-016	391	16	R
102-0114-002	139	2	L
102-0114-003	157	3	L
102-0114-004	175	4	L
102-0114-005	193	5	L
102-0114-006	211	6	L
102-0114-007	229	7	L
102-0114-008	247	8	L
102-0114-009	265	9	L
102-0114-010	283	10	L
102-0114-011	301	11	L
102-0114-012	319	12	L
102-0114-013	337	13	L
102-0114-014	355	14	L
102-0114-015	373	15	L
102-0114-016	391	16	L

Complete with lockable cortical titanium screws  $\varnothing$  5.0 mm in combination with standard titanium cortical screws without angular stability  $\varnothing$  4.5 mm



## Fully Threaded Lockable Cortical Screw $\varnothing$ 5.0 Mm, Self-Tapper



- Head diameter: 8.0 mm
- Hexagon width: 3.5 mm
- Head thread: M7 / pitch 1.0 mm
- Cortical thread core diameter: 4.3 mm
- Thread pitch: 1.0 mm
- Used drill bit for threaded hole  $\varnothing$  4.3 mm, calibrated length 195 mm.
- Material: Titanium

Catalogue Number	Length, mm
102-0030-014ST	14
102-0030-016ST	16
102-0030-018ST	18
102-0030-020ST	20
102-0030-022ST	22
102-0030-024ST	24
102-0030-026ST	26
102-0030-028ST	28
102-0030-030ST	30
102-0030-032ST	32
102-0030-034ST	34
102-0030-036ST	36
102-0030-038ST	38
102-0030-040ST	40
102-0030-042ST	42
102-0030-044ST	44
102-0030-046ST	46
102-0030-048ST	48
102-0030-050ST	50
102-0030-055ST	55
102-0030-060ST	60
102-0030-065ST	65
102-0030-070ST	70
102-0030-075ST	75
102-0030-080ST	80
102-0030-085ST	85
102-0030-090ST	90
102-0030-095ST	95
102-0030-100ST	100

## Washer

- For titanium screws  $\varnothing$  4.5 mm /  $\varnothing$  6.5 mm

Catalogue Number
001-0019-013T



## Lockable Plug $\varnothing$ 5

- Head diameter: 8.0 mm
- Hexagon width: 3.5 mm
- Thread: M7 / pitch 1.0 mm
- Material: Titanium

Catalogue Number
102-0060-010



## Fully Threaded Cortical Screw Ø 4.5 mm, Self-Tapper



- Head diameter: 8.0 mm
- Hexagon width: 3.5 mm
- Cortical thread core diameter: 3.2 mm
- Thread pitch: 1.75 mm
- Used drill bit for threaded hole Ø 3.2 mm
- Material: Titanium.

Catalogue Number	Length, mm
001-0008-012ST	12
001-0008-014ST	14
001-0008-016ST	16
001-0008-018ST	18
001-0008-020ST	20
001-0008-022ST	22
001-0008-024ST	24
001-0008-026ST	26
001-0008-028ST	28
001-0008-030ST	30
001-0008-032ST	32
001-0008-034ST	34
001-0008-036ST	36
001-0008-038ST	38
001-0008-040ST	40
001-0008-042ST	42
001-0008-044ST	44
001-0008-046ST	46
001-0008-048ST	48
001-0008-050ST	50
001-0008-052ST	52
001-0008-054ST	54
001-0008-056ST	56
001-0008-058ST	58
001-0008-060ST	60
001-0008-062ST	62
001-0008-064ST	64
001-0008-065ST	65
001-0008-070ST	70
001-0008-075ST	75
001-0008-080ST	80
001-0008-085ST	85
001-0008-090ST	90
001-0008-095ST	95
001-0008-100ST	100
001-0008-105ST	105
001-0008-110ST	110
001-0008-115ST	115
001-0008-120ST	120

### T-handle Countersink with 4.5 mm Tip

Catalogue Number

005-0210-099



### Tap 4.5 mm

Catalogue Number

005-0211-046



### Tap Sleeve Ø 4.5/3.2 mm

Catalogue Number

005-0212-032



### Tap 3.2 mm

Catalogue Number

005-0210-096



### T-handle with Quick Release Mechanism

Catalogue Number

005-0211-044



### Guide Sleeve for Tap Ø 3.5 mm, for Drill Bit Ø 3.2 mm

Catalogue Number

005-0212-026



### Working Part of 3.5 mm Hexagonal Screwdriver

Catalogue Number

005-0214-015



### Hexagonal Screwdriver

Catalogue Number

009-0368-035



### Screwdriver Sleeve 009-0368-035

Catalogue Number

009-0390-060



### Guide Bushing for Ø 4.5 mm Tap

Catalogue Number

005-0212-045



### Drill Guide

Catalogue Number

005-0212-047



### Guide Bushing for Ø 3.2 mm Drill Bit

Catalogue Number

005-0221-004



### Combined Guide for Ø 6.5 mm Tap and Ø 3.2 mm Drill Bit

Catalogue Number

005-0222-029



### Screw Forceps

Catalogue Number

001-0013-010



### Tap 6.5 mm

Catalogue Number

005-0211-066



### Screw Depth Meter Ø 4.5–6.5 mm

Catalogue Number

005-0219-006



### Twist Drill Needle with Trocar Shift and Round Rod End 2.0x190

Catalogue Number

102-0140-100



### Calibrated Drill Bit Ø 4.2x195 mm

Catalogue Number

102-0130-020



### Drill Bit with Quick Release AO Connection



Catalogue Number	Thread, mm
005-0210-025	Ø 3.2 mm, length 145/120
100-0130-030	Ø 4.5 mm, length 145/120

### Drill Bit 102-0130-020 Threaded Guide



Catalogue Number
102-0140-020

### Guide Bushing Ø 2.0 mm



Catalogue Number
102-0140-060

### Channel Depth Meter



Catalogue Number
102-0140-080

### Hook 155 mm



Catalogue Number
005-0219-039

### Torque Handle, with Quick Release Mechanism



Catalogue Number
100-0150-025

### Plate Bender 4/6 mm

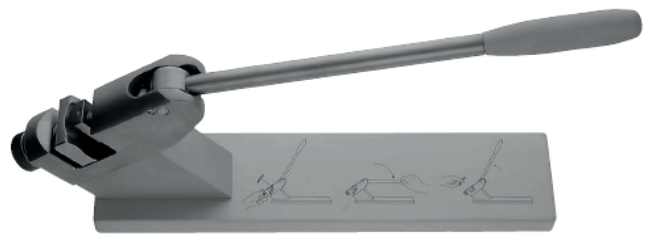


Catalogue Number
005-0229-002

## Plate Bending Device

**Catalogue Number**

005-0229-030



## Plate Bending Pliers

**Catalogue Number**

005-0229-015



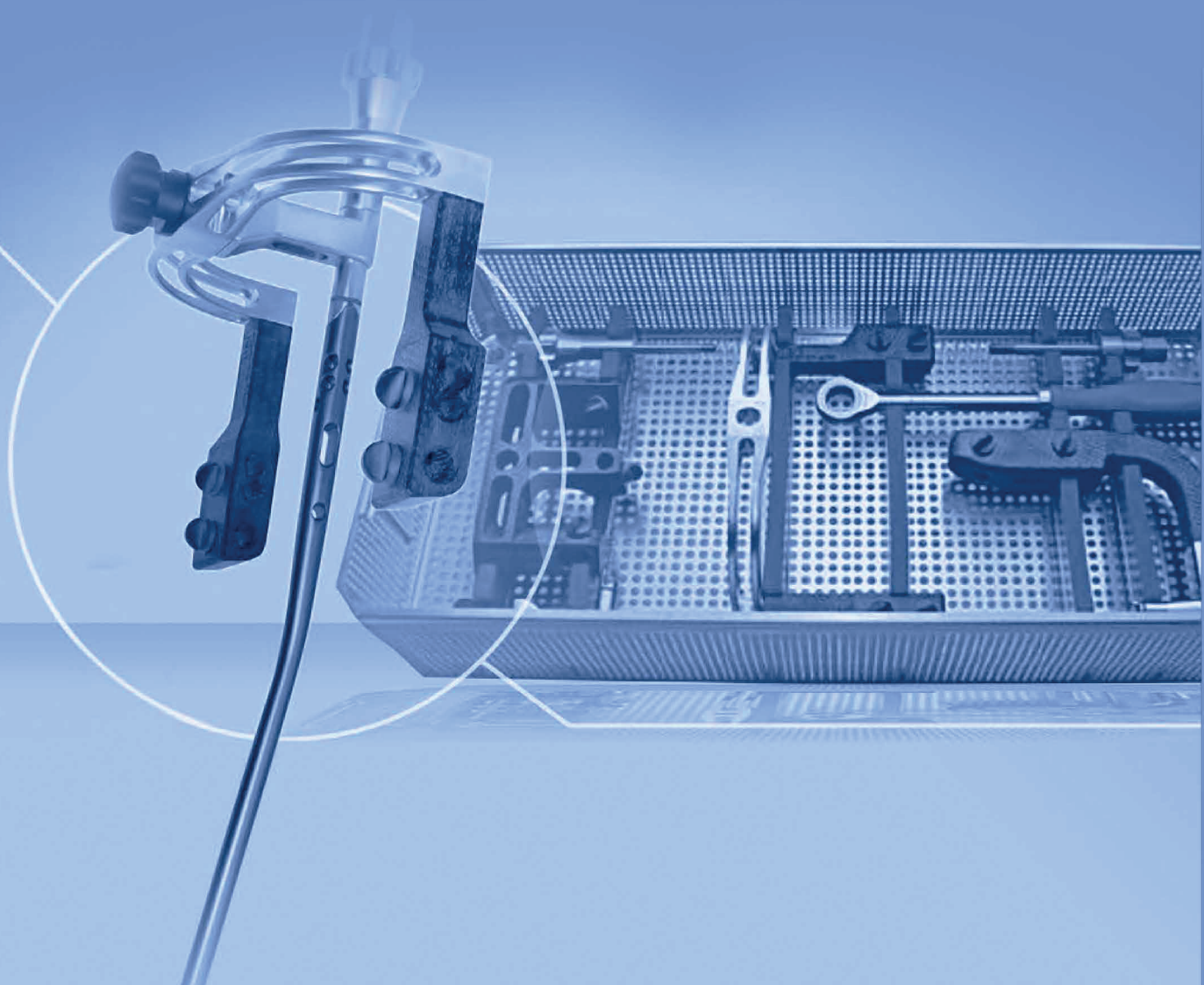
## Perforated Sterilisation Container 580 x 280 x 135 mm

**Catalogue Number**

C-110-135



# Rod Systems and Instruments for Osteosynthesis of Upper and Lower Limbs



## Tibial Intramedullary Rods. Not cannulated



→ Material: Titanium

Length, mm	Catalogue Numbers	
	Ø 8,0	Ø 9,0
255	NA-1-174255	NA-1-175255
270	NA-1-174270	NA-1-175270
285	NA-1-174285	NA-1-175285
300	NA-1-174300	NA-1-175300
315	NA-1-174315	NA-1-175315
330	NA-1-174330	NA-1-175330
345	NA-1-174345	NA-1-175345
360	NA-1-174360	NA-1-175360
380	NA-1-174380	NA-1-175380
400		NA-1-175400
420		NA-1-175420

→ Material: Stainless Steel

Length, mm	Catalogue Numbers	
	Ø 8,0	Ø 9,0
255	NA-1-374255	NA-1-375255
270	NA-1-374270	NA-1-375270
285	NA-1-374285	NA-1-375285
300	NA-1-374300	NA-1-375300
315	NA-1-374315	NA-1-375315
330	NA-1-374330	NA-1-375330
345	NA-1-374345	NA-1-375345
360	NA-1-374360	NA-1-375360
380	NA-1-374380	NA-1-375380
400		NA-1-375400
420		NA-1-375420



## Tibial Intramedullary Rods. Cannulated



→ Material: Titanium

Length, mm	Catalogue Numbers				
	Ø 9,0	Ø 10,0	Ø 11,0	Ø 12,0	Ø 13,0
255	NA-1-1750255	NA-1-176255	NA-1-177255	NA-1-178255	NA-1-179255
270	NA-1-1750270	NA-1-176270	NA-1-177270	NA-1-178270	NA-1-179270
285	NA-1-1750285	NA-1-176285	NA-1-177285	NA-1-178285	NA-1-179285
300	NA-1-1750300	NA-1-176300	NA-1-177300	NA-1-178300	NA-1-179300
315	NA-1-1750315	NA-1-176315	NA-1-177315	NA-1-178315	NA-1-179315
330	NA-1-1750330	NA-1-176330	NA-1-177330	NA-1-178330	NA-1-179330
345	NA-1-1750345	NA-1-176345	NA-1-177345	NA-1-178345	NA-1-179345
360	NA-1-1750360	NA-1-176360	NA-1-177360	NA-1-178360	NA-1-179360
380	NA-1-1750380	NA-1-176380	NA-1-177380	NA-1-178380	NA-1-179380
400	NA-1-1750400	NA-1-176400	NA-1-177400	NA-1-178400	NA-1-179400
420	NA-1-1750420	NA-1-176420	NA-1-177420	NA-1-178420	NA-1-179420
440			NA-1-177440	NA-1-178440	NA-1-179440

→ Material: Stainless Steel

Length, mm	Catalogue Numbers				
	Ø 9,0	Ø 10,0	Ø 11,0	Ø 12,0	Ø 13,0
255	NA-1-3750255	NA-1-376255	NA-1-377255	NA-1-378255	NA-1-379255
270	NA-1-3750270	NA-1-376270	NA-1-377270	NA-1-378270	NA-1-379270
285	NA-1-3750285	NA-1-376285	NA-1-377285	NA-1-378285	NA-1-379285
300	NA-1-3750300	NA-1-376300	NA-1-377300	NA-1-378300	NA-1-379300
315	NA-1-3750315	NA-1-376315	NA-1-377315	NA-1-378315	NA-1-379315
330	NA-1-3750330	NA-1-376330	NA-1-377330	NA-1-378330	NA-1-379330
345	NA-1-3750345	NA-1-376345	NA-1-377345	NA-1-378345	NA-1-379345
360	NA-1-3750360	NA-1-376360	NA-1-377360	NA-1-378360	NA-1-379360
380	NA-1-3750380	NA-1-376380	NA-1-377380	NA-1-378380	NA-1-379380
400	NA-1-3750400	NA-1-376400	NA-1-377400	NA-1-378400	NA-1-379400
420	NA-1-3750420	NA-1-376420	NA-1-377420	NA-1-378420	NA-1-379420
440			NA-1-377440	NA-1-378440	NA-1-379440

### Lockable Plug 5/16"

→ Used for Ø 9–11 mm rods

Catalogue Number	Material
012-180022	Titanium
012-380022	Stainless Steel



## Femoral Anteroretrograde Rods. Not Cannulated



→ Material: Titanium

Length, mm	Catalogue Numbers	
	Ø 8,0	Ø 9,0
280	NA-1-164280	
300	NA-1-164300	NA-1-165300
320	NA-1-164320	NA-1-165320
340	NA-1-164340	NA-1-165340
360	NA-1-164360	NA-1-165360
380	NA-1-164380	NA-1-165380
400		NA-1-165400
420		NA-1-165420
440		NA-1-165440

→ Material: Stainless Steel

Length, mm	Catalogue Numbers	
	Ø 8,0	Ø 9,0
280	NA-1-364280	
300	NA-1-364300	NA-1-365300
320	NA-1-364320	NA-1-365320
340	NA-1-364340	NA-1-365340
360	NA-1-364360	NA-1-365360
380	NA-1-364380	NA-1-365380
400		NA-1-365400
420		NA-1-365420
440		NA-1-365440

## Femoral Anteroretrograde Rods. Cannulated



→ Material: Titanium

Length, mm	Catalogue Numbers				
	Ø 9,0	Ø 10,0	Ø 11,0	Ø 12,0	Ø 13,0
300	NA-1-1650300	NA-1-166300	NA-1-167300	NA-1-168300	NA-1-169300
320	NA-1-1650320	NA-1-166320	NA-1-167320	NA-1-168320	NA-1-169320
340	NA-1-1650340	NA-1-166340	NA-1-167340	NA-1-168340	NA-1-169340
360	NA-1-1650360	NA-1-166360	NA-1-167360	NA-1-168360	NA-1-169360
380	NA-1-1650380	NA-1-166380	NA-1-167380	NA-1-168380	NA-1-169380
400	NA-1-1650400	NA-1-166400	NA-1-167400	NA-1-168400	NA-1-169400
420	NA-1-1650420	NA-1-166420	NA-1-167420	NA-1-168420	NA-1-169420
440	NA-1-1650440	NA-1-166440	NA-1-167440	NA-1-168440	NA-1-169440
460		NA-1-166460	NA-1-167460	NA-1-168460	NA-1-169460
480		NA-1-166480	NA-1-167480	NA-1-168480	NA-1-169480

→ Material: Stainless Steel

Length, mm	Catalogue Numbers				
	Ø 9,0	Ø 10,0	Ø 11,0	Ø 12,0	Ø 13,0
300	NA-1-3650300	NA-1-366300	NA-1-367300	NA-1-368300	NA-1-369300
320	NA-1-3650320	NA-1-366320	NA-1-367320	NA-1-368320	NA-1-369320
340	NA-1-3650340	NA-1-366340	NA-1-367340	NA-1-368340	NA-1-369340
360	NA-1-3650360	NA-1-366360	NA-1-367360	NA-1-368360	NA-1-369360
380	NA-1-3650380	NA-1-366380	NA-1-367380	NA-1-368380	NA-1-369380
400	NA-1-3650400	NA-1-366400	NA-1-367400	NA-1-368400	NA-1-369400
420	NA-1-3650420	NA-1-366420	NA-1-367420	NA-1-368420	NA-1-369420
440	NA-1-3650440	NA-1-366440	NA-1-367440	NA-1-368440	NA-1-369440
460		NA-1-366460	NA-1-367460	NA-1-368460	NA-1-369460
480		NA-1-366480	NA-1-367480	NA-1-368480	NA-1-369480

### Lockable Plug 3/8"

→ Used for Ø 9–11 mm rods

Catalogue Number	Material
012-180020	Titanium
012-380020	Stainless Steel



## Fully Threaded Blocking Screw Ø 4.5 mm, Self-Tapper



- Head diameter: 8.0 mm
- Hexagon width: 3.5 mm
- Cortical thread core diameter: 3.5 mm
- Thread pitch: 1.25 mm
- Material: Titanium

Catalogue Number	Length, mm
120-0045-025T	25
120-0045-030T	30
120-0045-035T	35
120-0045-040T	40
120-0045-045T	45
120-0045-050T	50
120-0045-055T	55
120-0045-060T	60
120-0045-065T	65
120-0045-070T	70
120-0045-075T	75
120-0045-080T	80
120-0045-085T	85
120-0045-090T	90
120-0045-095T	95
120-0045-100T	100

## Fully Threaded Blocking Screw Ø 5.0 mm, Self-Tapper



- Head diameter: 8.0 mm
- Hexagon width: 3.5 mm
- Cortical thread core diameter: 4 mm
- Thread pitch: 1.25 mm
- Material: Titanium

Catalogue Number	Length, mm
120-0050-025T	25
120-0050-030T	30
120-0050-035T	35
120-0050-040T	40
120-0050-045T	45
120-0050-050T	50
120-0050-055T	55
120-0050-060T	60
120-0050-065T	65
120-0050-070T	70
120-0050-075T	75
120-0050-080T	80
120-0050-085T	85
120-0050-090T	90
120-0050-095T	95
120-0050-100T	100

## Fully Threaded Blocking Screw Ø 4.5 mm, Self-Tapper



- Head diameter: 8.0 mm
- Hexagon width: 3.5 mm
- Cortical thread core diameter: 3.5 mm
- Thread pitch: 1.25 mm
- Material: Stainless Steel

Catalogue Number	Length, mm
120-0045-025	25
120-0045-030	30
120-0045-035	35
120-0045-040	40
120-0045-045	45
120-0045-050	50
120-0045-055	55
120-0045-060	60
120-0045-065	65
120-0045-070	70
120-0045-075	75
120-0045-080	80
120-0045-085	85
120-0045-090	90
120-0045-095	95
120-0045-100	100

## Fully Threaded Blocking Screw Ø 5.0 mm, Self-Tapper



- Head diameter: 8.0 mm
- Hexagon width: 3.5 mm
- Cortical thread core diameter: 4 mm
- Thread pitch: 1.25 mm
- Material: Stainless Steel

Catalogue Number	Length, mm
120-0050-025	25
120-0050-030	30
120-0050-035	35
120-0050-040	40
120-0050-045	45
120-0050-050	50
120-0050-055	55
120-0050-060	60
120-0050-065	65
120-0050-070	70
120-0050-075	75
120-0050-080	80
120-0050-085	85
120-0050-090	90
120-0050-095	95
120-0050-100	100

### Hexagonal Cardan Screwdriver for Threaded Plugs

Catalogue Number

012-1848-000



### Hexagonal Cardan Screwdriver for Ø 4.5 and 5.0 mm Screws

Catalogue Number

012-1849-000



### Intramedullary Flush Tube, Roentgenolucent

Catalogue Number

012-1854-000



### Combination Wrench S=17mm

Catalogue Number

012-1881-000



### Diameter and Length Meter

Catalogue Number

012-1890-000



### Guide Bushing for Taper Reamer

Catalogue Number

012-1892-000



### Taper Reamer, Cannulated Ø 13.0 mm

Catalogue Number

012-1906-000



### Slide Hammer (Rod Impactor and Rod Extractor)

Catalogue Number

012-1922-000



### Tibia Rod Extractor Bolt

Catalogue Number

012-1923-000



## Femur Rod Extractor Bolt

**Catalogue Number**

012-1966-000



## Pin (Needle) Length Meter

**Catalogue Number**

012-1891-000



## Channel Depth Meter

**Catalogue Number**

012-1858-000



## Calibrated Drill Bit

**Catalogue Number**

012-1869-010

**Parameters**

∅ 3.5 x 305, calibrated

012-1870-010

∅ 4.0 x 305, calibrated



## Trocar 4.0 x 240 mm

**Catalogue Number**

012-1878-000



## Template Gauge (Ruler)

**Catalogue Number**

012-1888-000



## T-Handle with Quick Release Mechanism

**Catalogue Number**

010-0020-440



## Soft Tissue Protection

**Catalogue Number**

003-0211-090



### Cannulated Curved AWL 13 mm with T-handle

Catalogue Number

003-0211-005



### Drill Bit Sleeve, Green, 10.0/8.0 mm

Catalogue Number

012-1910-000



### Drill Bit Sleeve, Red, 8.0/2.0 mm

Catalogue Number

012-1911-000



### Drill Bit Sleeve, Yellow, 8.0/4.0 mm

Catalogue Number

012-1914-000



### Drill Bit Sleeve, Black, 8.0/3.5 mm

Catalogue Number

012-1915-000



### Tibial Rod Guide, Carbon Fibre, Roentgenolucent

Catalogue Number

012-18960-000





## Femoral Rod Guide, Carbon Fibre, Roentgenolucent

**Catalogue Number**

012-33330-000



## Ratchet Wrench, Closed, S = 17 mm

**Catalogue Number**

012-1882-000



## Drill Bit

**Catalogue Number**

012-1865-010

**Parameters**

∅ 3.5 x 150, calibrated

012-1866-010

∅ 4.0 x 150, calibrated



## Screw Forceps

**Catalogue Number**

001-0013-010



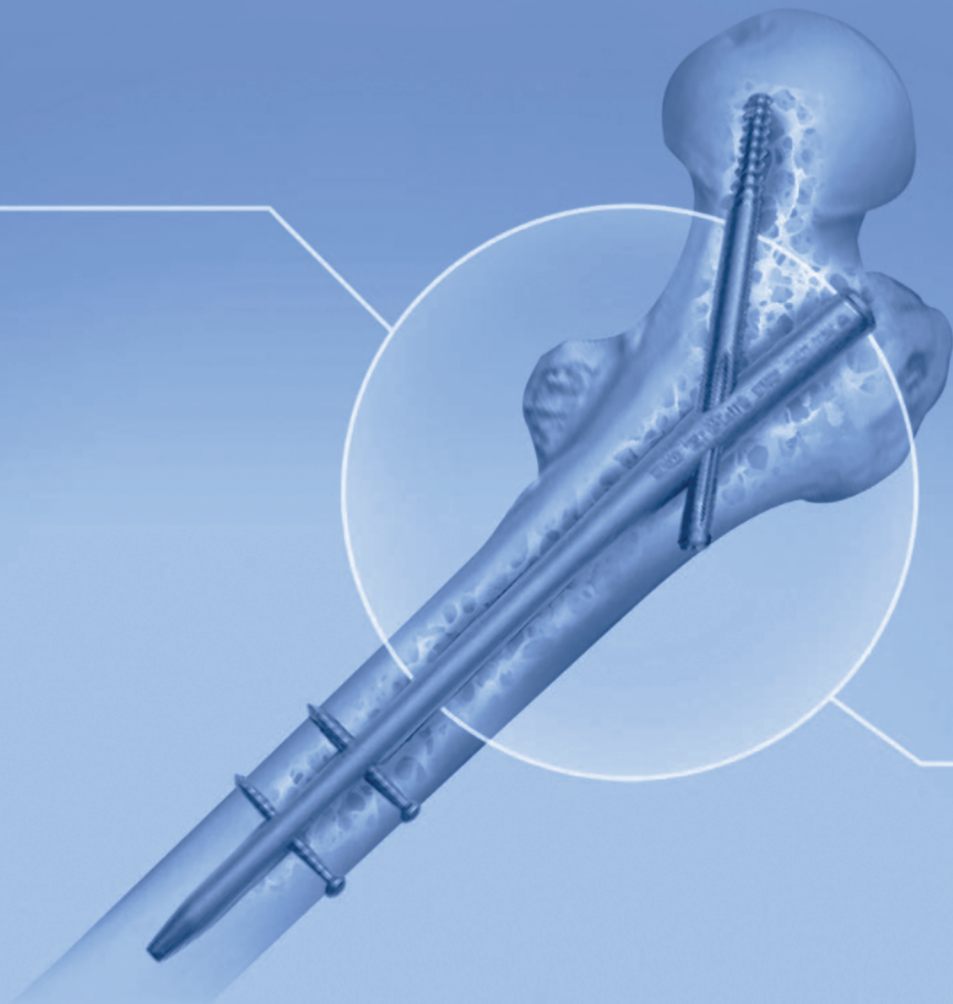
## K-pin (K-needle) 2.4 x 900 mm

**Catalogue Number**

012-1872-002



# Rod Systems and Instruments for Osteosynthesis of Lower Limbs



## Proximal Femoral Rod, Short Version

### Application:

for osteosynthesis of the proximal femur fractures



- Cannulated,
- Proximal diameter: 15.5 mm

Catalogue Numbers		Length, mm	Diameter, mm	Angle°
Titanium	Stainless Steel			
NA-34551-09180	NA-14551-09180	180	9	125
NA-34551-09200	NA-14551-09200	200	9	125
NA-34551-09220	NA-14551-09220	220	9	125
NA-34551-09240	NA-14551-09240	240	9	125
NA-34551-10180	NA-14551-10180	180	10	125
NA-34551-10200	NA-14551-10200	200	10	125
NA-34551-10220	NA-14551-10220	220	10	125
NA-34551-10240	NA-14551-10240	240	10	125
NA-34551-11180	NA-14551-11180	180	11	125
NA-34551-11200	NA-14551-11200	200	11	125
NA-34551-11220	NA-14551-11220	220	11	125
NA-34551-11240	NA-14551-11240	240	11	125
NA-34511-09180	NA-14511-09180	180	9	130
NA-34511-09200	NA-14511-09200	200	9	130
NA-34511-09220	NA-14511-09220	220	9	130
NA-34511-09240	NA-14511-09240	240	9	130
NA-34511-10180	NA-14511-10180	180	10	130
NA-34511-10200	NA-14511-10200	200	10	130
NA-34511-10220	NA-14511-10220	220	10	130
NA-34511-10240	NA-14511-10240	240	10	130
NA-34511-11180	NA-14511-11180	180	11	130
NA-34511-11200	NA-14511-11200	200	11	130
NA-34511-11220	NA-14511-11220	220	11	130
NA-34511-11240	NA-14511-11240	240	11	130
NA-34531-09180	NA-14531-09180	180	9	135
NA-34531-09200	NA-14531-09200	200	9	135
NA-34531-09220	NA-14531-09220	220	9	135
NA-34531-09240	NA-14531-09240	240	9	135
NA-34531-10180	NA-14531-10180	180	10	135
NA-34531-10200	NA-14531-10200	200	10	135
NA-34531-10220	NA-14531-10220	220	10	135
NA-34531-10240	NA-14531-10240	240	10	135
NA-34531-11180	NA-14531-11180	180	11	135
NA-34531-11200	NA-14531-11200	200	11	135
NA-34531-11220	NA-14531-11220	220	11	135
NA-34531-11240	NA-14531-11240	240	11	135

## Proximal Femoral Rod, Long Version

**Application:**  
for osteosynthesis of the proximal femur fractures

- Cannulated,
- Proximal diameter: 15.5 mm
- Material: Stainless Titanium



Left			
Catalogue Number	Length, mm	Diameter, mm	Angle <sup>o</sup>
NA-34605-34125	340	9	125
NA-34605-36125	360	9	125
NA-34605-38125	380	9	125
NA-34605-40125	400	9	125
NA-34605-42125	420	9	125
NA-34604-34125	340	10	125
NA-34604-36125	360	10	125
NA-34604-38125	380	10	125
NA-34604-40125	400	10	125
NA-34604-42125	420	10	125
NA-34605-34130	340	9	130
NA-34605-36130	360	9	130
NA-34605-38130	380	9	130
NA-34605-40130	400	9	130
NA-34605-42130	420	9	130
NA-34604-34130	340	10	130
NA-34604-36130	360	10	130
NA-34604-38130	380	10	130
NA-34604-40130	400	10	130
NA-34604-42130	420	10	130
NA-34605-34135	340	9	135
NA-34605-36135	360	9	135
NA-34605-38135	380	9	135
NA-34605-40135	400	9	135
NA-34605-42135	420	9	135
NA-34604-34135	340	10	135
NA-34604-36135	360	10	135
NA-34604-38135	380	10	135
NA-34604-40135	400	10	135
NA-34604-42135	420	10	135

Right			
Catalogue Number	Length, mm	Diameter, mm	Angle <sup>o</sup>
NA-34615-34125	340	9	125
NA-34615-36125	360	9	125
NA-34615-38125	380	9	125
NA-34615-40125	400	9	125
NA-34615-42125	420	9	125
NA-34614-34125	340	10	125
NA-34614-36125	360	10	125
NA-34614-38125	380	10	125
NA-34614-40125	400	10	125
NA-34614-42125	420	10	125
NA-34615-34130	340	9	130
NA-34615-36130	360	9	130
NA-34615-38130	380	9	130
NA-34615-40130	400	9	130
NA-34615-42130	420	9	130
NA-34614-34130	340	10	130
NA-34614-36130	360	10	130
NA-34614-38130	380	10	130
NA-34614-40130	400	10	130
NA-34614-42130	420	10	130
NA-34615-34135	340	9	135
NA-34615-36135	360	9	135
NA-34615-38135	380	9	135
NA-34615-40135	400	9	135
NA-34615-42135	420	9	135
NA-34614-34135	340	10	135
NA-34614-36135	360	10	135
NA-34614-38135	380	10	135
NA-34614-40135	400	10	135
NA-34614-42135	420	10	135

## Proximal Femoral Rod, Long Version

**Application:**  
for osteosynthesis of the proximal femur fractures

- Cannulated,
- Proximal diameter: 15.5 mm
- Material: Stainless Steel



Left			
Catalogue Number	Length, mm	Diameter, mm	Angle <sup>o</sup>
NA-14605-34125	340	9	125
NA-14605-36125	360	9	125
NA-14605-38125	380	9	125
NA-14605-40125	400	9	125
NA-14605-42125	420	9	125
NA-14604-34125	340	10	125
NA-14604-36125	360	10	125
NA-14604-38125	380	10	125
NA-14604-40125	400	10	125
NA-14604-42125	420	10	125
NA-14605-34130	340	9	130
NA-14605-36130	360	9	130
NA-14605-38130	380	9	130
NA-14605-40130	400	9	130
NA-14605-42130	420	9	130
NA-14604-34130	340	10	130
NA-14604-36130	360	10	130
NA-14604-38130	380	10	130
NA-14604-40130	400	10	130
NA-14604-42130	420	10	130
NA-14605-34135	340	9	135
NA-14605-36135	360	9	135
NA-14605-38135	380	9	135
NA-14605-40135	400	9	135
NA-14605-42135	420	9	135
NA-14604-34135	340	10	135
NA-14604-36135	360	10	135
NA-14604-38135	380	10	135
NA-14604-40135	400	10	135
NA-14604-42135	420	10	135

Right			
Catalogue Number	Length, mm	Diameter, mm	Angle <sup>o</sup>
NA-14615-34125	340	9	125
NA-14615-36125	360	9	125
NA-14615-38125	380	9	125
NA-14615-40125	400	9	125
NA-14615-42125	420	9	125
NA-14614-34125	340	10	125
NA-14614-36125	360	10	125
NA-14614-38125	380	10	125
NA-14614-40125	400	10	125
NA-14614-42125	420	10	125
NA-14615-34130	340	9	130
NA-14615-36130	360	9	130
NA-14615-38130	380	9	130
NA-14615-40130	400	9	130
NA-14615-42130	420	9	130
NA-14614-34130	340	10	130
NA-14614-36130	360	10	130
NA-14614-38130	380	10	130
NA-14614-40130	400	10	130
NA-14614-42130	420	10	130
NA-14615-34135	340	9	135
NA-14615-36135	360	9	135
NA-14615-38135	380	9	135
NA-14615-40135	400	9	135
NA-14615-42135	420	9	135
NA-14614-34135	340	10	135
NA-14614-36135	360	10	135
NA-14614-38135	380	10	135
NA-14614-40135	400	10	135
NA-14614-42135	420	10	135

## Neck Screw

- Thread diameter: 10.5 mm
- Cortical thread core diameter: 7.0 mm
- Thread pitch: 3 mm



Catalogue Numbers		Length, mm
Titanium	Stainless Steel	
LS-32721-11075	LS-12721-11075	75
LS-32721-11080	LS-12721-11080	80
LS-32721-11085	LS-12721-11085	85
LS-32721-11090	LS-12721-11090	90
LS-32721-11095	LS-12721-11095	95
LS-32721-11100	LS-12721-11100	100
LS-32721-11105	LS-12721-11105	105
LS-32721-11110	LS-12721-11110	110
LS-32721-11115	LS-12721-11115	115
LS-32721-11120	LS-12721-11120	120
LS-32721-11125	LS-12721-11125	125
LS-32721-11130	LS-12721-11130	130
LS-32721-11135	LS-12721-11135	135
LS-32721-11140	LS-12721-11140	140

## Blocking Internal Screw

Catalogue Number	Material
LS-32401-08025	Titanium
LS-12401-08025	Stainless Steel



## Plug

Catalogue Number	Material
LS-32400-15022	Titanium
LS-12400-15022	Stainless Steel



## Fully Threaded Blocking Screw Ø 4.9 mm, Self-Tapper

- Head diameter: 8.0 mm
- Hexagon width: 3.5 mm
- Cortical thread core diameter: 4.2 mm
- Thread pitch: 2.75 mm



### Catalogue Numbers

Catalogue Numbers		Length, mm
Titanium	Stainless Steel	
LS-32200-49020	LS-12200-49020	20
LS-32200-49022	LS-12200-49022	22
LS-32200-49024	LS-12200-49024	24
LS-32200-49026	LS-12200-49026	26
LS-32200-49028	LS-12200-49028	28
LS-32200-49030	LS-12200-49030	30
LS-32200-49032	LS-12200-49032	32
LS-32200-49034	LS-12200-49034	34
LS-32200-49036	LS-12200-49036	36
LS-32200-49038	LS-12200-49038	38
LS-32200-49040	LS-12200-49040	40
LS-32200-49042	LS-12200-49042	42
LS-32200-49044	LS-12200-49044	44
LS-32200-49045	LS-12200-49045	45
LS-32200-49046	LS-12200-49046	46
LS-32200-49048	LS-12200-49048	48
LS-32200-49050	LS-12200-49050	50
LS-32200-49052	LS-12200-49052	52
LS-32200-49054	LS-12200-49054	54
LS-32200-49055	LS-12200-49055	55
LS-32200-49056	LS-12200-49056	56
LS-32200-49058	LS-12200-49058	58
LS-32200-49060	LS-12200-49060	60
LS-32200-49062	LS-12200-49062	62
LS-32200-49064	LS-12200-49064	64
LS-32200-49065	LS-12200-49065	65
LS-32200-49066	LS-12200-49066	66
LS-32200-49068	LS-12200-49068	68
LS-32200-49070	LS-12200-49070	70
LS-32200-49072	LS-12200-49072	72
LS-32200-49074	LS-12200-49074	74
LS-32200-49075	LS-12200-49075	75
LS-32200-49076	LS-12200-49076	76
LS-32200-49078	LS-12200-49078	78
LS-32200-49080	LS-12200-49080	80
LS-32200-49085	LS-12200-49085	85
LS-32200-49090	LS-12200-49090	90
LS-32200-49095	LS-12200-49095	95
LS-32200-49100	LS-12200-49100	100

## Rod Guide

**Catalogue Number**

INS-94500-00100



## 125° Guide Nozzle

**Catalogue Number**

INS-94501-03000



## 130° Guide Nozzle

**Catalogue Number**

INS-94501-00301



## 135° Guide Nozzle

**Catalogue Number**

INS-94501-00201



## Nozzle Fixing Screw

**Catalogue Number**

INS-94500-00400



## Rod Fixing Screw

**Catalogue Number**

INS-94500-00500



## Hold-down Screw

**Catalogue Number**

INS-94500-00800



## Slide Hammer

**Catalogue Number**

INS-94500-00800



## Hammer Guide Head

**Catalogue Number**

INS-94500-02501



## T-wrench

**Catalogue Number**

INS-94500-00600





## Kirschner's Wire 3.5 x 400 mm

Catalogue Number

INS-15000-35400



## Hammer Guide Rod

Catalogue Number

INS-94500-01000



## Sight Leaf Clamping Screw

Catalogue Number

INS-94500-00203



## Screw Threaded Connecting Rod

Catalogue Number

INS-94500-00700



## Hollow Reamer Ø 15.5 mm

Catalogue Number

INS-94501-00900



## T-handle Chucking Device, cannulated

Catalogue Number

INS-99000-00006



## Working Part of Hexagonal Screwdriver, 3.5 mm

Catalogue Number

INS-94500-02600



## Working Part of Hexagonal Screwdriver, 10 mm

Catalogue Number

INS-94500-02200



## Screw Length Meter

Catalogue Number

INS-94500-01700



### Working Part of Screwdriver, cardan 3.5 mm

Catalogue Number

INS-94501-02300



### Working Part of Removal Device, cardan

Catalogue Number

INS-94501-02400



### Hexagonal Screwdriver 3.5 mm

Catalogue Number

INS-94500-02100



### Locking Sleeve

Catalogue Number

NS-94500-01004



### Soft Tissue Protection, yellow

Catalogue Number

INS-94501-01200



### Drill Bit Sleeve, yellow

Catalogue Number

INS-94501-01300



### Soft Tissue Protection, green

Catalogue Number

INS-94500-01800



### Drill Bit Sleeve, green

Catalogue Number

INS-94500-01900



### Drill Bit $\varnothing$ 4x310, green

Catalogue Number

INS-99010-40310



## Combination Wrench S=12 mm

Catalogue Number

INS-94501-02300



## Kirschner's Wire Ø 4x310 mm

Catalogue Number

INS-94501-02400



## Channel Depth Meter

Catalogue Number

INS-94500-02100



## Drill Bit Ø 3.2 x 350, yellow

Catalogue Number

NS-94500-01004



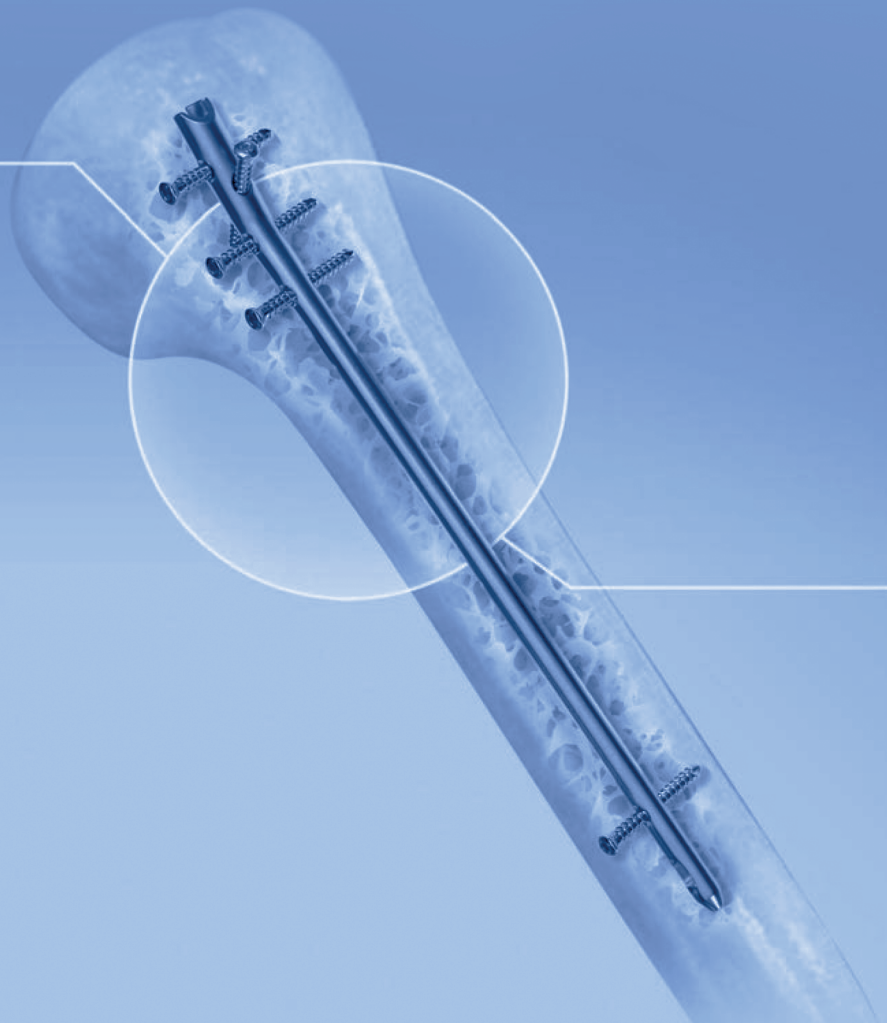
## Reamer, yellow

Catalogue Number

INS-94501-01200



# Rod Systems and Instruments for Osteosynthesis of Lower Limbs



## Humeral Rod, cannulated



→ Material: Titanium

Length, mm	Catalogue Numbers		
	Ø 7,0	Ø 8,0	Ø 9,0
180	NA-34294-70180	NA-34294-80180	NA-34294-90180
205	NA-34294-70205	NA-34294-80205	NA-34294-90205
220	NA-34294-70220	NA-34294-80220	NA-34294-90220
230	NA-34294-70230	NA-34294-80230	NA-34294-90230
240	NA-34294-70240	NA-34294-80240	NA-34294-90240
250	NA-34294-70250	NA-34294-80250	NA-34294-90250
260	NA-34294-70260	NA-34294-80260	NA-34294-90260
270	NA-34294-70270	NA-34294-80270	NA-34294-90270
280	NA-34294-70280	NA-34294-80280	NA-34294-90280
295	NA-34294-70295	NA-34294-80295	NA-34294-90295
310	NA-34294-70310	NA-34294-80310	NA-34294-90310

→ Material: Stainless Steel

Length, mm	Catalogue Numbers		
	Ø 7,0	Ø 8,0	Ø 9,0
180	NA-14294-70180	NA-14294-80180	NA-14294-90180
205	NA-14294-70205	NA-14294-80205	NA-14294-90205
220	NA-14294-70220	NA-14294-80220	NA-14294-90220
230	NA-14294-70230	NA-14294-80230	NA-14294-90230
240	NA-14294-70240	NA-14294-80240	NA-14294-90240
250	NA-14294-70250	NA-14294-80250	NA-14294-90250
260	NA-14294-70260	NA-14294-80260	NA-14294-90260
270	NA-14294-70270	NA-14294-80270	NA-14294-90270
280	NA-14294-70280	NA-14294-80280	NA-14294-90280
295	NA-14294-70295	NA-14294-80295	NA-14294-90295
310	NA-14294-70310	NA-14294-80310	NA-14294-90310

## Humeral Rod Plug

Catalogue number	Material
LS-32400-07011	Titanium
LS-12400-07011	Stainless Steel



## Blocking Screw, 3.9 mm



- Thread diameter: 3.9 mm
- Hexagon width: 2.5 mm
- Shaft diameter: 3.2 mm
- Thread pitch: 1.75 mm
- Material: Titanium

Catalogue Number	Length, mm
LS-32200-39020	20
LS-32200-39022	22
LS-32200-39024	24
LS-32200-39026	26
LS-32200-39028	28
LS-32200-39030	30
LS-32200-39032	32
LS-32200-39034	34
LS-32200-39035	35
LS-32200-39036	36
LS-32200-39038	38
LS-32200-39040	40
LS-32200-39042	42
LS-32200-39044	44
LS-32200-39045	45
LS-32200-39046	46
LS-32200-39048	48
LS-32200-39050	50
LS-32200-39052	52
LS-32200-39054	54
LS-32200-39055	55
LS-32200-39056	56
LS-32200-39058	58
LS-32200-39060	60
LS-32200-39065	65

## Blocking Screw, 3.9 mm



- Thread diameter: 3.9 mm
- Hexagon width: 2.5 mm
- Shaft diameter: 3.2 mm
- Thread pitch: 1.75 mm
- Material: Stainless Steel

Catalogue Number	Length, mm
LS-12200-39020	20
LS-12200-39022	22
LS-12200-39024	24
LS-12200-39026	26
LS-12200-39028	28
LS-12200-39030	30
LS-12200-39032	32
LS-12200-39034	34
LS-12200-39035	35
LS-12200-39036	36
LS-12200-39038	38
LS-12200-39040	40
LS-12200-49042	42
LS-12200-49044	44
LS-12200-49045	45
LS-12200-49046	46
LS-12200-49048	48
LS-12200-49050	50
LS-12200-49052	52
LS-12200-49054	54
LS-12200-49055	55
LS-12200-49056	56
LS-12200-49058	58
LS-12200-49060	60
LS-12200-49065	65

## Fixing Screw, M8

**Catalogue Number**

INS-94290-00105



## Proximal Guide

**Catalogue Number**

INS-94290-00100



## Screw M5

**Catalogue Number**

INS-94290-00100



## Auxiliary Guidance Lever

**Catalogue Number**

INS-94290-00100



## Rod Fixing Screw

**Catalogue Number**

NS-94290-00400



## Combination Wrench S=17MM

**Catalogue Number**

NS-99000-00009



## Retrograde Guide Nozzle

**Catalogue Number**

NS-94290-00103



## Anterograde Guide Nozzle

**Catalogue Number**

NS-94290-00104



## Dilator, 10 mm cannulated

**Catalogue Number**

INS-94290-00700



### Screwdriver, quick disconnect, 3.5 x 106 mm

**Catalogue Number**

INS-99150-35106



### Screwdriver, quick disconnect, 2.5 x 150 mm

**Catalogue Number**

INS-99150-35106



### Impactor, cannulated

**Catalogue Number**

INS-94290-00700



### Soft Tissue Protection

**Catalogue Number**

012-1865-010

**Parameters**

∅ 3.5 x 150, calibrated

012-1866-010

∅ 4.0 x 150, calibrated



### Threaded Lifting Rod

**Catalogue Number**

INS-94290-00600



### Combination Wrench S=11MM Комбинированный ключ S=11MM

**Catalogue Number**

INS-99000-00008



### Kirschner's Wire ∅ 2 x 250 mm

**Catalogue Number**

INS-15000-20250



### Spiral Drill Bit ∅ 3.2 x 190, quick disconnect

**Catalogue Number**

INS-99010-32190



### Spiral Drill Bit ∅ 4.5 x 145, quick disconnect

**Catalogue Number**

INS-99010-32190





## Screw Length Meter 3.9 mm

**Catalogue Number**

INS-94290-01500



## Length Meter

**Catalogue Number**

INS-94290-01700



## Drill

**Catalogue Number**

INS-94290-01800



## Impactor Removal Tool

**Catalogue Number**

INS-94290-01003



## Spiral Drill Bit Ø 10/2.2 x 200, cannulated

**Catalogue Number**

NS-99031-10200



## Slide Hammer

**Catalogue Number**

INS-94290-01100



## Drill Bit Sleeve, 6/3.2 mm

**Catalogue Number**

INS-94290-01300



## Hammer Guide Rod

**Catalogue Number**

INS-94290-01000



# Contact Information

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## **Baba Zade Farid Hakibala Ogly**

CEO



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