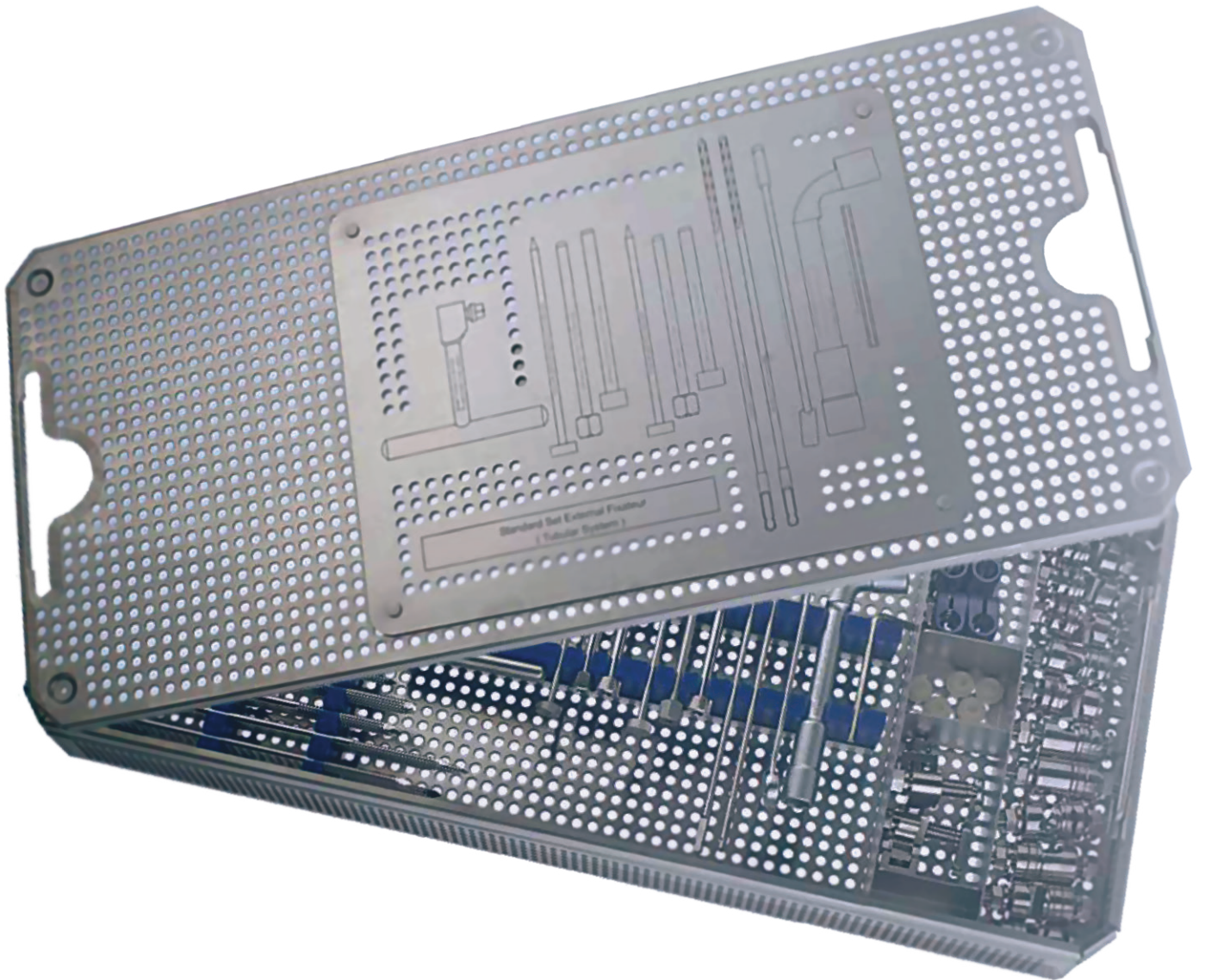




RUSATOM  
METAL TECH  
ROSATOM

# EXTERNAL FIXATOR SET



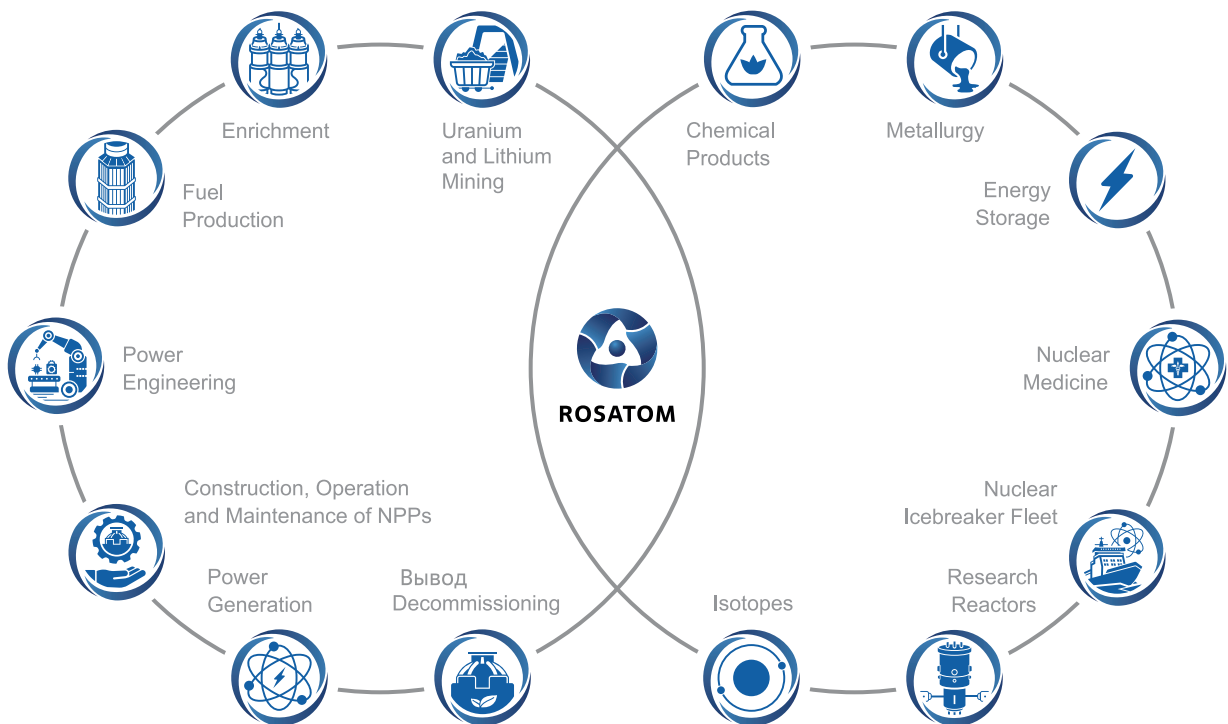


# State Atomic Energy Corporation Rosatom

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



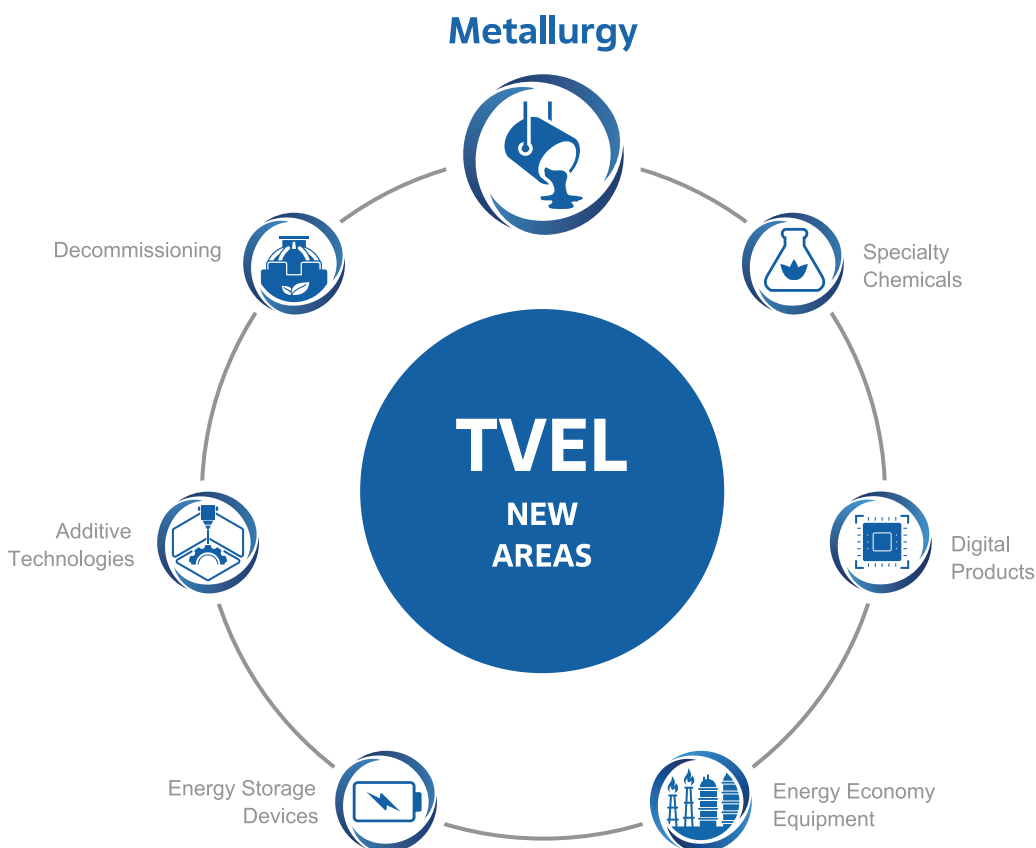
TVEL  
ROSATOM

## 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

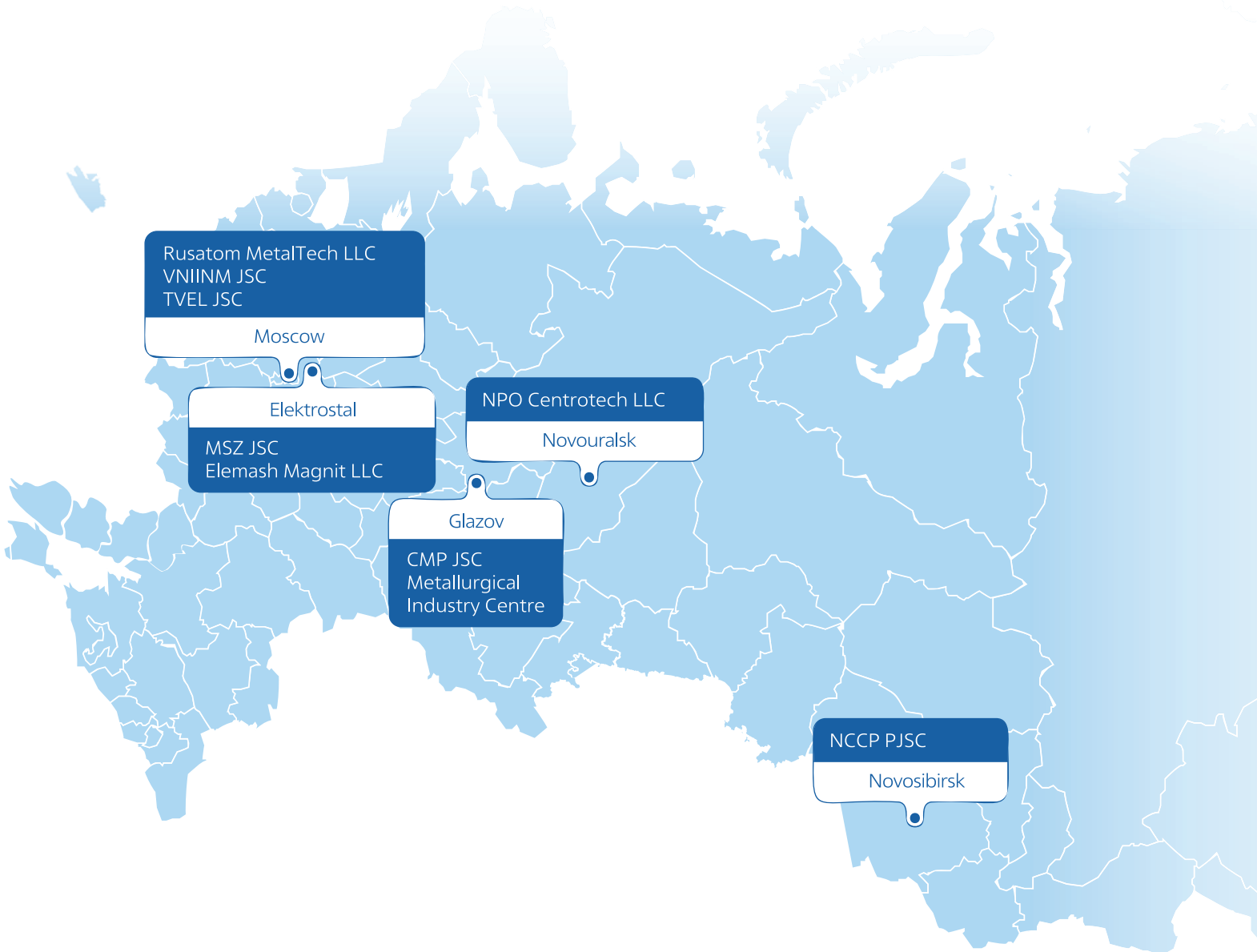


## Rusatom MetalTech LLC, TVEL's Metallurgical Integrator

*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 MetalTech 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 MetalTech 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 MetalTech 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.



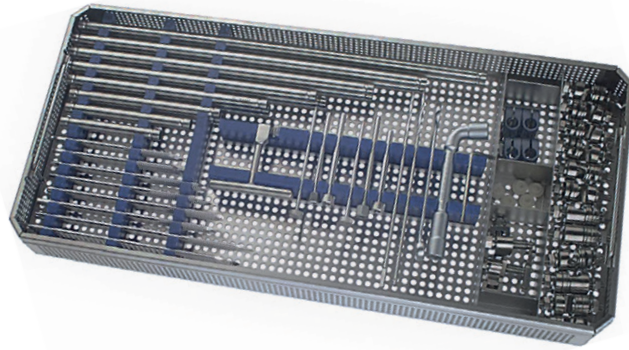
## OOO MegaTekFarm

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.



## SET for Installing the External Fixator



Catalogue Number	Name	Quantity, pcs
TRAY-011-0010-080	Tray	1
Set contents :		
005-0210-038	Drill Bit 3.5mm in diameter, 195 in length	1
005-0221-016	Combination Wrench 11 mm	1
005-0221-020	Socket Wrench 180 mm in length	1
005-0221-021	Hexagonal Wrench 3.5 mm	1
005-0221-022	Simple T-handle for Inserting Steinmann's Nail.	1
005-0221-023	Compression Device	2
005-0221-024	Guide Sleeve 5.0/3.5 MM long	1
005-0221-025	Guide Sleeve 5.0/3.5 MM short	1
005-0221-026	Guide Sleeve 6.0/5.0 MM long	1
005-0221-027	Guide Sleeve 6.0/5.0 MM short	1
005-0221-028	Guiding Device Trocar	1
005-0221-029	Trocar with 3.5 mm Tip in diameter	1
004-0220-125	Schanz Pin 125/50 (thread) mm, 5.0 mm in diameter	6
004-0220-150	Schanz Pin 150/50 (thread) mm, 5.0 mm in diameter	6
004-0220-170	Schanz Pin 170/50 (thread) mm, 5.0 mm in diameter	6
004-0220-200	Schanz Pin 200/50 (thread) mm, 5.0 mm in diameter	6
004-0220-250	Schanz Pin 250/50 (thread) mm, 5.0 mm in diameter	6
005-0223-001	Support Tube 100 mm, stainless steel, 11 mm in diam.	1
005-0223-002	Support Tube 125 mm, stainless steel, 11 mm in diam.	1
005-0223-003	Support Tube 150 mm, stainless steel, 11 mm in diam.	2
005-0223-004	Support Tube 200 mm, stainless steel, 11 mm in diam.	2
005-0223-005	Support Tube 250 mm, stainless steel, 11 mm in diam.	2
005-0223-006	Support Tube 300 mm, stainless steel, 11 mm in diam.	2
005-0223-007	Support Tube 350 mm, stainless steel, 11 mm in diam.	2
005-0223-008	Support Tube 400 mm, stainless steel, 11 mm in diam.	1
005-0221-030	Tube-to-tube Clamp, 11 MM	2
005-0221-031	Open Adjustable Clamp	12



## SET for Installing the External Fixator

### Drill Bit 3.5mm in diameter, 195 in length

Catalogue number

005-0210-038



### Combination Wrench 11 mm

Catalogue number

005-0221-016



### Socket Wrench 180 mm in length

Catalogue number

005-0221-020



### Hexagonal Wrench 3.5 mm

Catalogue number

005-0221-021



### Simple T-handle for Inserting Steinmann's Nail

Catalogue number

005-0221-022



### Compression Device

Catalogue number

005-0221-023



## TUBE FIXATOR SET

### Guide Sleeve 5.0/3.5 MM long

Catalogue number

005-0221-024



### Guide Sleeve 5.0/3.5 MM short

Catalogue number

005-0221-025



### Guiding Device Trocar

Catalogue number

005-0221-028



### Guide Sleeve 6.0/5.0 MM long

Catalogue number

005-0221-026



### Guide Sleeve 6.0/5.0 MM short

Catalogue number

005-0221-027



### Trocar with 3.5 mm Tip in diameter

Catalogue number

005-0221-029



### Hook Bar

Catalogue number

005-0221-032



### Single Adjustable Clamp

Catalogue number

005-0221-033



### Single Open Clamp

Catalogue number

005-0221-034



## TUBE FIXATOR SET

### Universal Support Tube Connector

**Catalogue number**

005-0221-035



### Open Adjustable Clamp

**Catalogue number**

005-0221-031



### Tube-to-tube Clamp, 11 MM

**Catalogue number**

005-0221-030



### Adjustable Rod Clamp

**Catalogue number**

005-0221-036



### Transverse Single Clamp

**Catalogue number**

005-0221-037

### Support Tube, Ø 11 mm



→ Material: Stainless Steel

Catalogue number	Length, mm
005-0223-001	100
005-0223-002	125
005-0223-003	150
005-0223-004	200
005-0223-005	250
005-0223-006	300
005-0223-007	350
005-0223-008	400
005-0223-009	450
005-0223-010	500
005-0223-011	550
005-0223-012	600



→ Material: Carbon Fibre

Catalogue number	Length, mm
005-0223-001C	100
005-0223-002C	125
005-0223-003C	150
005-0223-004C	200
005-0223-005C	250
005-0223-006C	300
005-0223-007C	350
005-0223-008C	400
005-0223-009C	450
005-0223-010C	500
005-0223-011C	550
005-0223-012C	600

**PINS****Schanz Pins (with triangular trocar end)**

Catalogue number	Thread, mm	Ø, mm
004-0216-060	60/20	3.0 mm
004-0216-080	80/20	3.0 mm
004-0216-150	150/50	3.0 mm
004-0216-225	225/20	3.0 mm
004-0217-225	225/20	3.5 mm
004-0217-230	230/50	3.5 mm
004-0217-250	250/50	3.5 mm
004-0218-060	60/25	4.0 mm
004-0218-100	100/25	4.0 mm
004-0218-130	130/25	4.0 mm
004-0218-170	170/25	4.0 mm
004-0218-200-25	200/25	4.0 mm
004-0218-200	200/50	4.0 mm
004-0218-250-25	250/25	4.0 mm
004-0218-250	250/50	4.0 mm
004-0218-310	310/50	4.0 mm
004-0219-100	100/50	4.5 mm
004-0219-120	120/50	4.5 mm
004-0219-150	150/50	4.5 mm
004-0219-170	170/50	4.5 mm
004-0219-200	200/50	4.5 mm
004-0219-225	225/50	4.5 mm
004-0219-250	250/50	4.5 mm
004-0220-100	100/50	5.0 mm
004-0220-125	125/50	5.0 mm
004-0220-150	150/50	5.0 mm
004-0220-170	170/50	5.0 mm
004-0220-200	200/50	5.0 mm
004-0220-250	250/50	5.0 mm

## EXTERNAL FIXATOR SMALL SET

### Drill Bit with Quick Release AO connection Ø 2.0 MM

### Drill Bit with Quick Release AO connection Ø 2.5 MM

**Catalogue number**

005-0210-019

005-0210-025



### Combination Wrench 7 mm

**Catalogue number**

005-0221-018



### Drill Bit Guide Sleeve with Handle

**Catalogue number**

005-0212-060



### Socket Wrench 7 MM

**Catalogue number**

005-0221-019



### Guide Sleeve 5.0/4.0 mm short

**Catalogue number**

005-0212-060/01



### Guide Sleeve 5.0/4.0 mm long

**Catalogue number**

005-0212-060/02



### Trocar Ø 2.7MM

**Catalogue number**

005-0212-060/03



### Support Tube

Catalogue number	Thread, mm
005-0224-001	4.0/60
005-0224-002	4.0/80
005-0224-003	4.0/100
005-0224-004	4.0/120
005-0224-005	4.0/140
005-0224-006	4.0/160
005-0224-007	4.0/180
005-0224-008	4.0/200



→ Material: Stainless Steel

## EXTERNAL FIXATOR SMALL SET

### Open Adjustable Clamp 2.5 - 5.0 MM

Catalogue number

005-0221-038



### Adjustable Clamp 2.5 - 5.0 MM

Catalogue number

005-0221-039



### Compression Device

Catalogue number

005-0221-040



### Schanz Pin $\varnothing$ 4.0/3.0 MM, 80 MM

Catalogue number

004-0221-080\_3

### Schanz Pin $\varnothing$ 4.0, 80 MM

Catalogue number

004-0221-080

### Spring Nut for 005-0221-038 Open Clamp 2.5 - 5.0 MM

Catalogue number

005-0221-041



# Contact Information

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