

**ORTHOPEDIC &
SURGICAL
INSTRUMENTS**

**Supplemental
Catalogue
SourceBook**

Table of Content

Retractor, Retractor Systems, Handheld Retractors	2
Cast-, Plaster Management	21
Pelvic Instruments	30
Wire, Pin & Rod Management	41
ORLOS Accessories	56
Forceps, various kind of	61
Raspatories, Elevators, Curettes, Spatulas, Probes	72
Scalpels, Knives, Saws, Needles	83
Bone Files	90
Dynamic Hip Screw System	95
Osteotomes, Chisels	99
Cups, Bowls	103
Diagnostic	107
Mallets	110
Speculas	113
Sets	115

Retractor, Retractor Systems, Handheld Retractors

Shoulder Retractor



06-820.00

Kolbel Retractor 8"
ring handle only

	width x depth
06-820.68	36mm x 68mm
06-820.53	36mm x 53mm
06-820.36	36mm x 36mm



Kolbel Retractor Blades
blunt, snap-in, freely
pivoting blades



06-820.90

**Kolbel Self-Retaining Glenoid
Retractor 8" - SET,
with Center Blade**
ring handle only

Set consisting of:
Kolbel Retractor
Center Blade 68x20 mm
1 pair blades 36x36 mm
1 pair blades 36x53 mm
1 pair blades 36x68 mm



36x53 mm

36x36 mm

* not illustrated
1 pair blades
36x68 mm

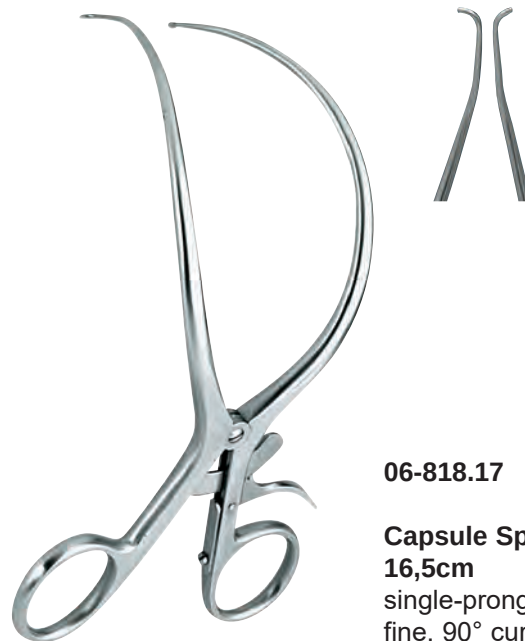
Shoulder Retractor



For retraction when using the deltopectoral approach.

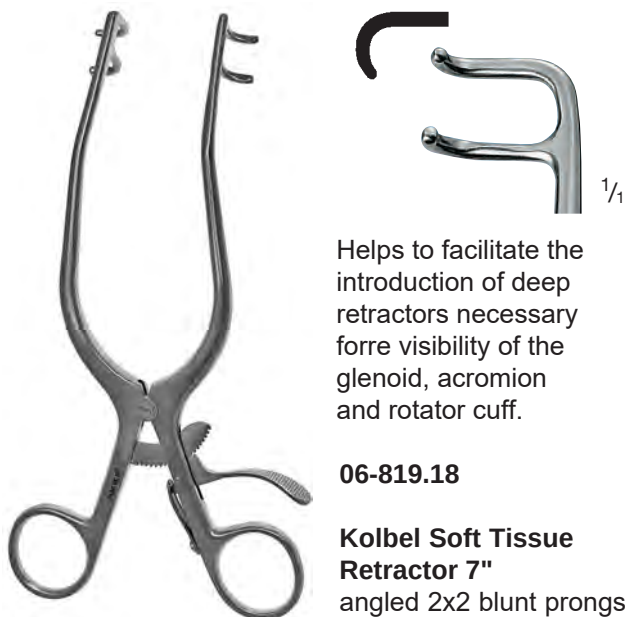
06-819.29

Kolbel Soft Tissue Retractor 19cm
single-pronged,
angled, 190 mm



06-818.17

Capsule Spreader 16,5cm
single-pronged,
fine, 90° curved



Helps to facilitate the introduction of deep retractors necessary for visibility of the glenoid, acromion and rotator cuff.

06-819.18

Kolbel Soft Tissue Retractor 7"
angled 2x2 blunt prongs



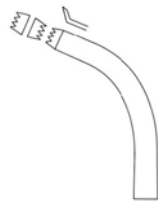
For opening the subacromial space

06-819.19
Kolbel Soft Tissue Retractor 19cm,
single-pronged, straight,
very fine tips

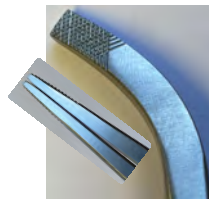
Lamina Spreader



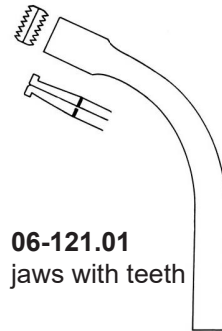
INGE 17cm
Lamina Spreader with ratchet



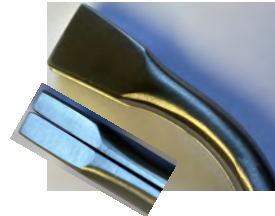
06-121.03
jaws with teeth



06-121.04
cross serrated jaws
without teeth



06-121.01
jaws with teeth



06-121.00
smooth jaws
without teeth



INGE 27cm
Lamina Spreader with ratchet



06-191.16
CLOWARD-Vertebra, Laminectomy
Retractor, 16 cm, blade opening 15 mm



Blade opening
20 mm



06-192.15
CLOWARD-Vertebra,
Laminectomy Retractor, 15 cm

Caspar Vertebral Distractor



50-416.01
Caspar Vertebral
distractor, right short
toothed bar: 110 mm



50-416.02
Caspar Vertebral
distractor, left short
toothed bar: 110 mm

50-417.01
Caspar Vertebral
distractor, right long
toothed bar: 130 mm

50-417.02
Caspar Vertebral
distractor, left long
toothed bar: 130 mm



50-420.01
Screw driver, with black Radel handle (PPSU)



50-418.02
Drill guide, left, with black
Radel handle (PPSU)



50-418.01
Drill guide, right, with black
Radel handle (PPSU)



Pin for Caspar Distractor

50-416.12	12 mm
50-416.14	14 mm
50-416.16	16 mm
50-416.19	19 mm



50-419.02
Caspar Drill Ø1.7mm,
drilling depth 14 mm
for distraction screws

50-419.01
Caspar Drill Ø1.7mm,
drilling depth 8 mm
for distraction screws

Caspar Spine Retractor



CASPAR spine specula, black,
TiAlN coated surface



50-402.01	40 mm
50-402.02	45 mm
50-402.03	50 mm
50-402.04	55 mm
50-402.05	60 mm
50-402.06	65 mm
50-402.07	75 mm
50-402.08	85 mm

50-403.01

CASPAR Counter Retractor, complete
with 6 blades (50-403.03 up to 50-403.08)
"blades see page 8!"

50-403.02

CASPAR Counter Retractor only,
(without blades)



Caspar Spine Retractor

corresponding blades compatible for the CASPAR counter retractor 50-403.02



	blade length
50-403.20	40 mm
50-403.21	45 mm
50-403.22	50 mm
50-403.23	55 mm
50-403.24	60 mm
50-403.25	65 mm
50-403.26	70 mm
50-403.27	75 mm

CASPAR blade, medial, black, TiAlN coated surface



	blade length
50-403.03	35 mm
50-403.04	40 mm
50-403.05	45 mm
50-403.06	50 mm
50-403.07	55 mm
50-403.08	60 mm
50-403.09	65 mm
50-403.10	75 mm
50-403.11	80 mm
50-403.12	85 mm

CASPAR blade, lateral, black, TiAlN coated surface



50-407.01
Retractor blade ejector

Nerve root retractor



	width	length
50-302.26	6 mm	240 mm
50-302.28	8 mm	240 mm
50-302.30	10 mm	240 mm

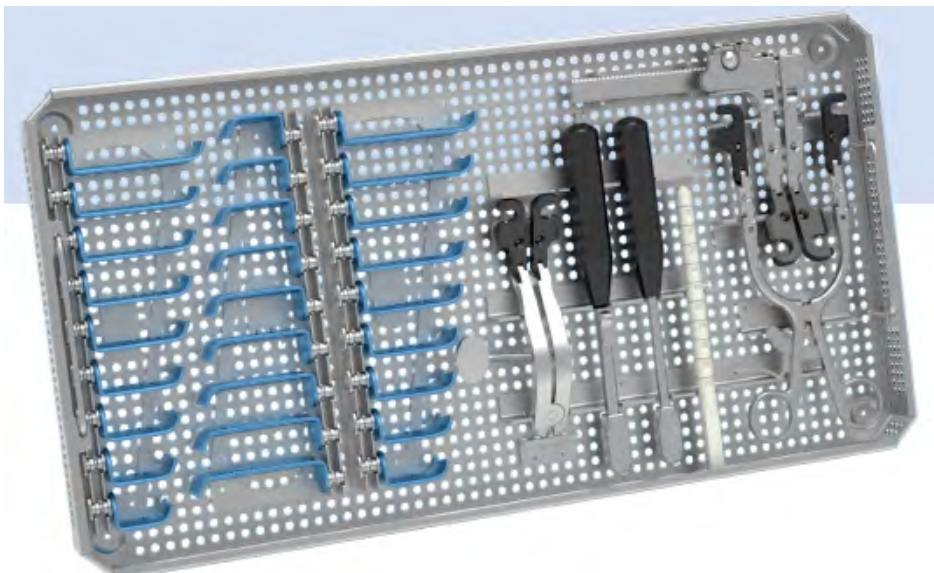
Caspar Cervical Retractor System

Set: 50-390.00

CCR - CASPAR CERVICAL RETRACTOR SYSTEM Neurosurgery-Spine Set

Cervical Retractor set 19 mm titanium blade system for microsurgical techniques. Contains basic retractor and counter retractors plus blunt and toothed 19 x 25-60 mm blades, handle and depth gauge.

Part-#:	Product description:	QTY
50-390.05	CCR-Tray, stainless steel with lid, dim.: 485 x 253 x 30 mm	1
50-390.10	CCR - Caspar Double Hinged Cervical Basic Retractor	1
50-390.20	Caspar, Double Hinged Cervical Counter Retractor	1
50-390.30	Caspar, Double Hinged Counter Retractor, Fixation Screw	1
50-390.40	Caspar, Handle for the insertion of blades and also for use as retractor side-load	1
50-390.41	Caspar, Handle for the insertion of blades and also for use as retractor	1
50-390.50	Caspar, Depth Gauge for determining length of blades	1
50-391.25	Caspar, toothed blade, medial/lateral 19 x 25 mm, Titanium	2
50-391.30	Caspar, toothed blade, medial/lateral 19 x 30 mm, Titanium	2
50-391.35	Caspar, toothed blade, medial/lateral 19 x 35 mm, Titanium	2
50-391.40	Caspar, toothed blade, medial/lateral 19 x 40 mm, Titanium	2
50-391.45	Caspar, toothed blade, medial/lateral 19 x 45 mm, Titanium	2
50-391.50	Caspar, toothed blade, medial/lateral 19 x 50 mm, Titanium	2
50-391.55	Caspar, toothed blade, medial/lateral 19 x 55 mm, Titanium	2
50-391.60	Caspar, toothed blade, medial/lateral 19 x 60 mm, Titanium	2
50-392.25	Caspar, blunt blade, longitudinal 19 x 25 mm, Titanium	1
50-392.30	Caspar, blunt blade, longitudinal 19 x 30 mm, Titanium	1
50-392.35	Caspar, blunt blade, longitudinal 19 x 35 mm, Titanium	1
50-392.40	Caspar, blunt blade, longitudinal 19 x 40 mm, Titanium	1
50-392.45	Caspar, blunt blade, longitudinal 19 x 45 mm, Titanium	1
50-392.50	Caspar, blunt blade, longitudinal 19 x 50 mm, Titanium	1
50-392.55	Caspar, blunt blade, longitudinal 19 x 55 mm, Titanium	1
50-392.60	Caspar, blunt blade, longitudinal 19 x 60 mm, Titanium	1
60-500.10B	Container 580 x 280 x 100 mm, bottom non-perforated / lid perforated, blue	1

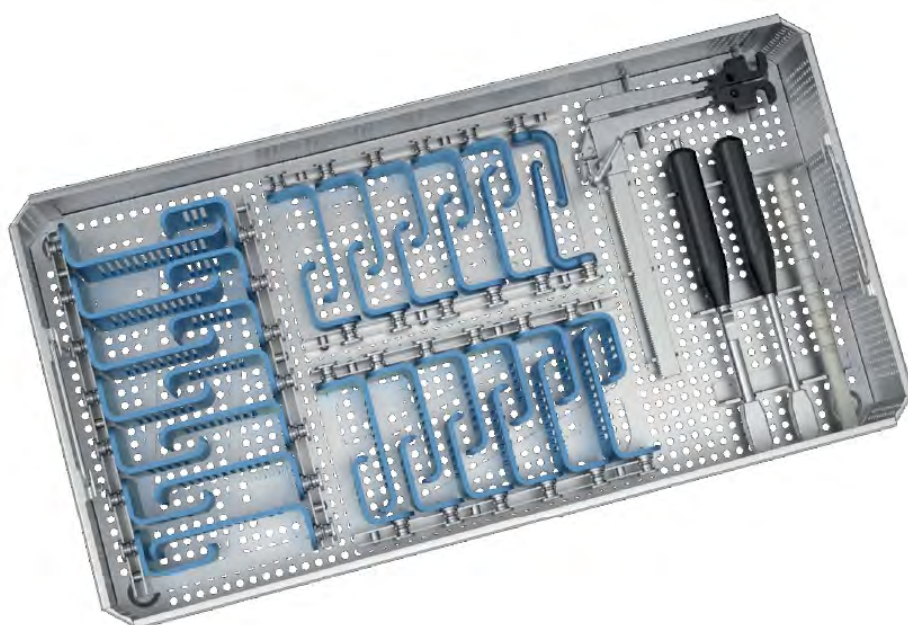


Caspar Lumbar Retractor System

Set: 50-390.01 CLR - CASPAR LUMBAR RETRACTOR SYSTEM Neurosurgery-Spine Set

Cervical Retractor set with 20 mm titanium blade system for microsurgical techniques. Contains basic retractor with laminectomy hook plus toothed 20 x 35-85 mm blades, handle and depth gauge.

Part-#:	Product description:	QTY
50-390.06	CCR-Tray, stainless steel with lid dim.: 485 x 253 x 70 mm	1
50-390.40	Caspar, Handle for the insertion of blades and also for use as retractor side-load	1
50-390.41	Caspar, Handle for the insertion of blades and also for use as retractor cannulated with Luer-Lock, side-load	1
50-390.50	Caspar, Depth Gauge for determining length of blades	1
50-390.60	CLR - Caspar Lumbar Basic Retractor side-load	1
50-396.35	CLR - Caspar blade, 3-tooth 20 x 35 mm, Titanium	2
50-396.40	CLR - Caspar blade, 3-tooth 20 x 40 mm, Titanium	2
50-396.45	CLR - Caspar blade, 3-tooth 20 x 45 mm, Titanium	2
50-396.55	CLR - Caspar blade, 3-tooth 20 x 55 mm, Titanium	2
50-396.65	CLR - Caspar blade, 3-tooth 20 x 65 mm, Titanium	2
50-397.35	CLR - Caspar blade, 6-tooth 40 x 35 mm, Titanium	2
50-397.40	CLR - Caspar blade, 6-tooth 40 x 40 mm, Titanium	2
50-397.45	CLR - Caspar blade, 6-tooth 40 x 45 mm, Titanium	2
50-397.55	CLR - Caspar blade, 6-tooth 40 x 55 mm, Titanium	2
50-397.65	CLR - Caspar blade, 6-tooth 40 x 65 mm, Titanium	2
50-397.75	CLR - Caspar blade, 6-tooth 40 x 75 mm, Titanium	2
50-398.35	CLR - Caspar blade, 9-tooth 60 x 35 mm, Titanium	2
50-398.40	CLR - Caspar blade, 9-tooth 60 x 40 mm, Titanium	2

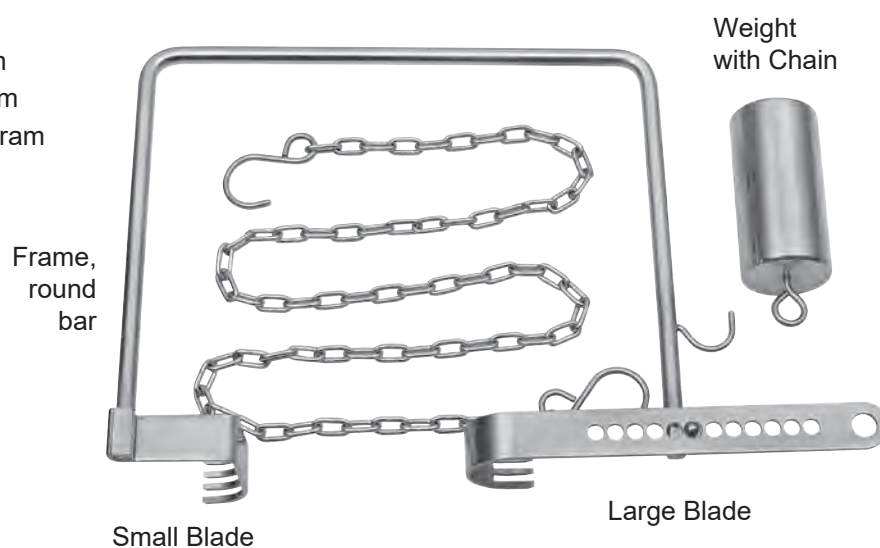


Charnley Initial Incision Retractor

50-479.00 Charnley Initial Incision Retractor Set, complete / Standard Set

consisting of:

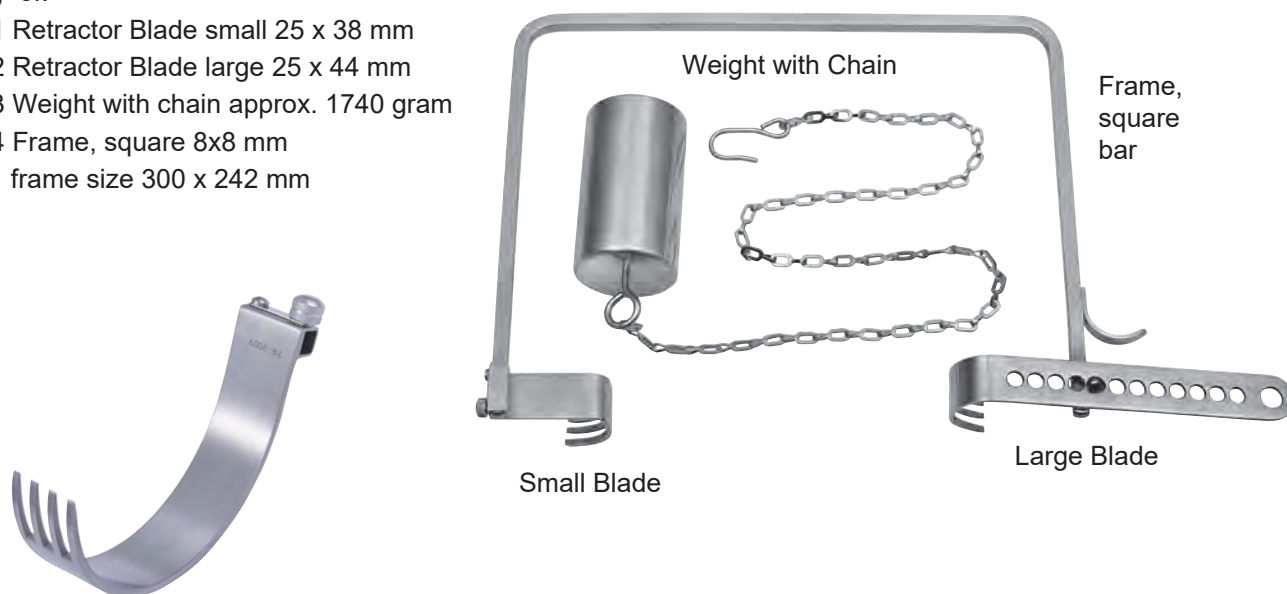
- 50-479.01 Retractor Blade small 25 x 65 mm
- 50-479.02 Retractor Blade large 25 x 214 mm
- 50-479.03 Weight with chain approx. 1740 gram
- 50-479.04 Frame, round Ø 10 mm
frame size 286 x 240 mm



50-479.10 Charnley Initial Incision Retractor Set, complete / Advanced Set

consisting of:

- 50-479.11 Retractor Blade small 25 x 38 mm
- 50-479.12 Retractor Blade large 25 x 44 mm
- 50-479.13 Weight with chain approx. 1740 gram
- 50-479.14 Frame, square 8x8 mm
frame size 300 x 242 mm



Charnley Retractor Blades - for Square Frame:

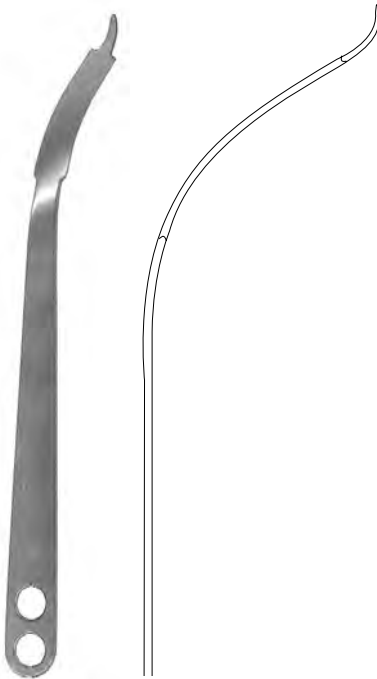
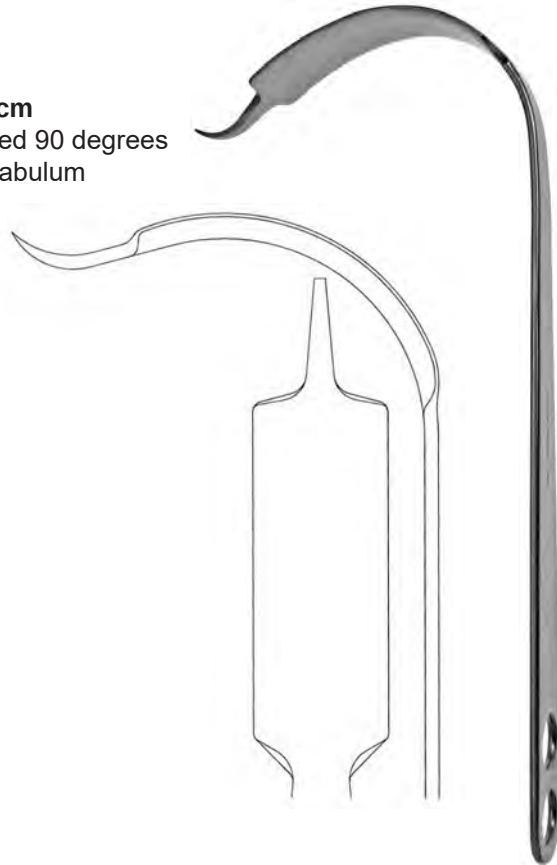
Blades Small	Width	Depth	Blade Length	Blades Large	Width	Depth	Blade Length
50-479.20	25 mm / 1"	25 mm / 1"	60 mm	50-479.50	25 mm / 1"	25 mm / 1"	174 mm
50-479.22	25 mm / 1"	38 mm / 1-1/2"	60 mm	50-479.52	25 mm / 1"	44 mm / 1-3/4"	174 mm
50-479.24	25 mm / 1"	50 mm / 2"	60 mm	50-479.54	25 mm / 1"	50 mm / 2"	198 mm
50-479.26	25 mm / 1"	57 mm / 2-1/4"	60 mm	50-479.56	25 mm / 1"	57 mm / 2-1/4"	192 mm
50-479.28	25 mm / 1"	63 mm / 2-1/2"	60 mm	50-479.58	25 mm / 1"	63 mm / 2-1/2"	183 mm
50-479.30	25 mm / 1"	75 mm / 3"	60 mm	50-479.60	25 mm / 1"	75 mm / 3"	174 mm
50-479.32	25 mm / 1"	101 mm / 4"	60 mm	50-479.62	25 mm / 1"	101 mm / 4"	174 mm
50-479.34	25 mm / 1"	114 mm / 4-1/2"	60 mm	50-479.64	25 mm / 1"	114 mm / 4-1/2"	174 mm
50-479.36	25 mm / 1"	127 mm / 5"	60 mm	50-479.66	25 mm / 1"	127 mm / 5"	174 mm

Handheld Retractors

95-315.45

Hohmann Retractor 33 cm

40 mm blade width, curved 90 degrees
- useful in exposing acetabulum



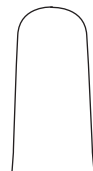
95-315.40

Hohmann Retractor 40 cm

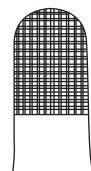
22 mm blade width, curved 120 degrees

Aufranc Cobra Retractor

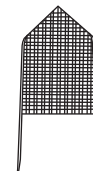
26 cm, blade 32mm, grip handle



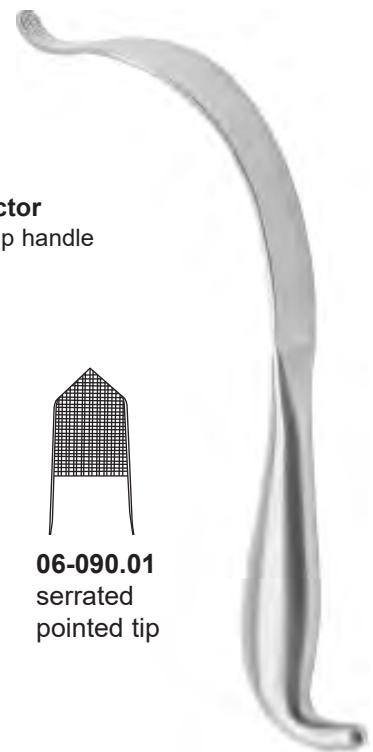
06-090.03
smooth
blunt tip



06-090.02
serrated
blunt tip

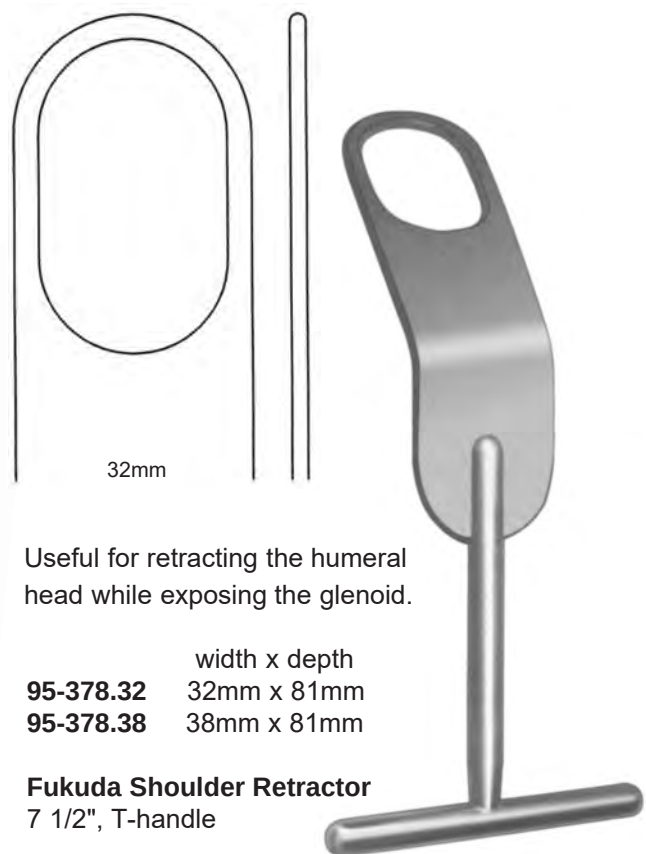
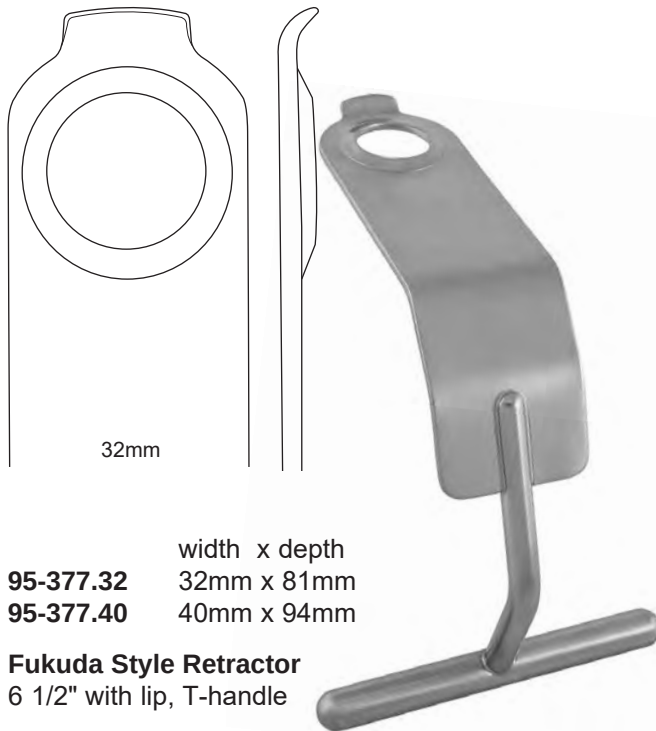


06-090.01
serrated
pointed tip



06-090.02

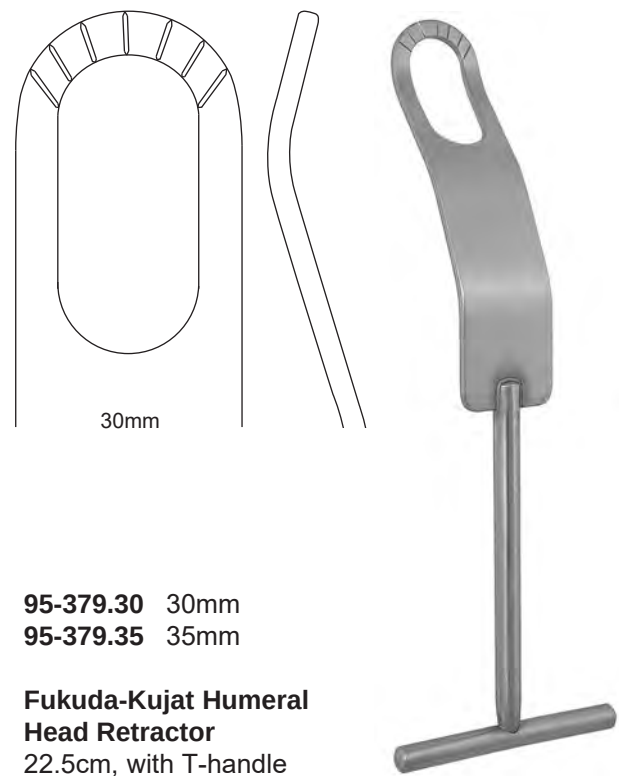
Handheld Retractors



Useful for retracting the humeral head while exposing the glenoid.

Once seated in the gleno-humeral joint, the oval ring retracts the humeral head to allow exposure of the glenoid rim and its articular surface.

Serrations around ring help to improve traction.

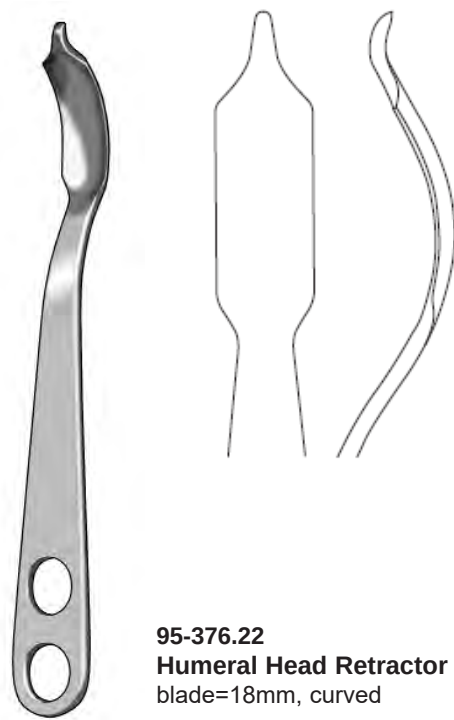


Handheld Retractors

Useful to gain exposure when placed between the glenoid and humeral head.

The two prongs wrap around the posterior rim to help distribute force to the glenoid neck.

95-376.18
Humeral Head Retractor
2 blunt prongs strong curve 7"



95-376.22
Humeral Head Retractor 22 cm
blade=18mm, curved

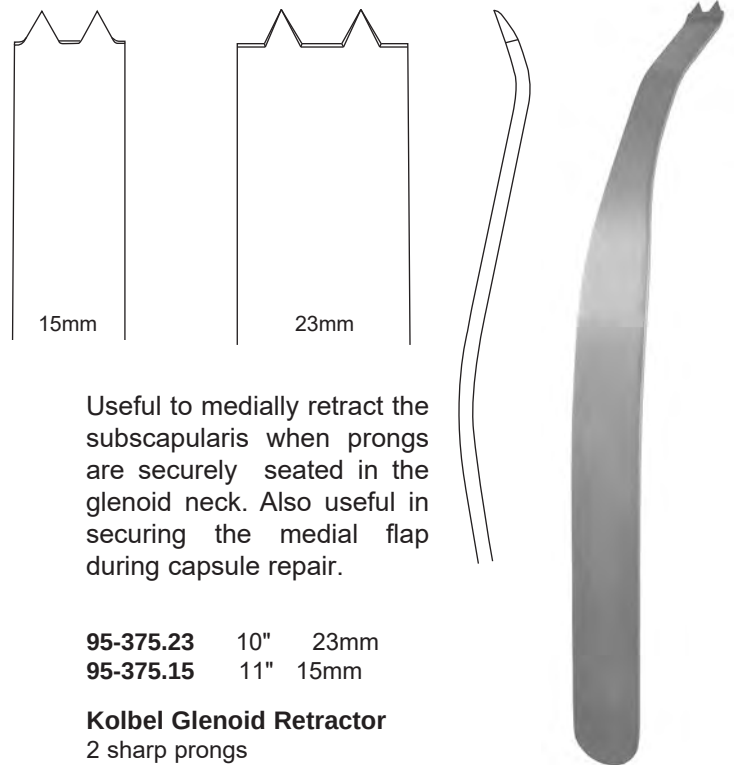


THORLAKSON Retractor 33cm,
with hollow handle

06-179.40	blade size
06-179.50	170 x 40 mm
06-179.60	170 x 50 mm
	170 x 65 mm

THORLAKSON

Handheld Retractors

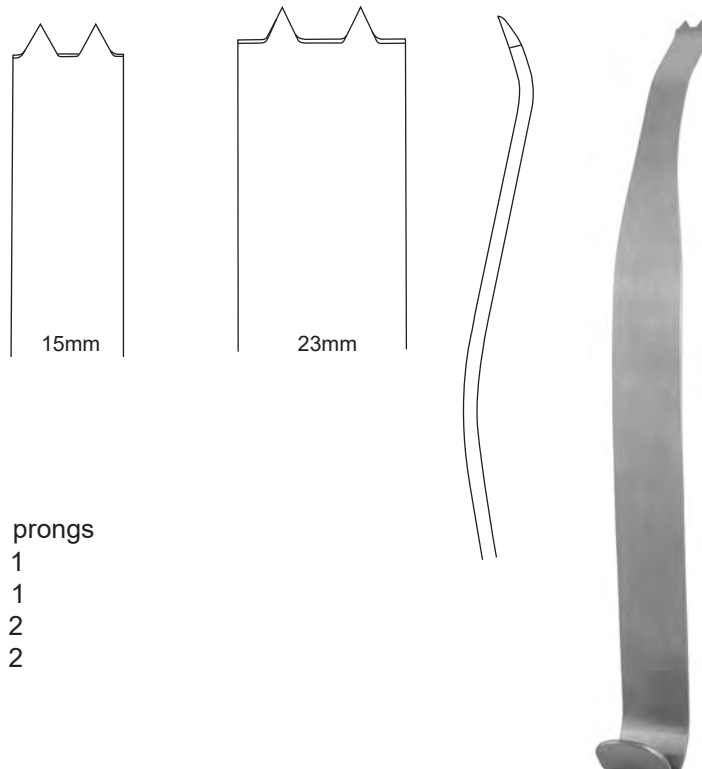


Useful to medially retract the subscapularis when prongs are securely seated in the glenoid neck. Also useful in securing the medial flap during capsule repair.

95-375.23 10" 23mm
95-375.15 11" 15mm

Kolbel Glenoid Retractor
2 sharp prongs

Useful to medially retract the subscapularis when prongs are securely seated in the glenoid neck. Also useful in securing the medial flap during capsule repair.



			prongs
95-374.15	30cm	15mm	1
95-374.23	30cm	23mm	1
95-374.25	30cm	15mm	2
95-374.33	30cm	23mm	2

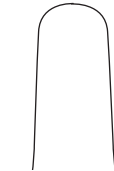
Kolbel Glenoid Retractor
sharp prongs

Retractors Gynecology

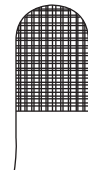
99-030.50
TUEBINGER Vaginal
Retractor 95x20mm,
27 cm



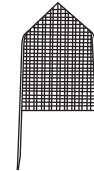
Aufranc Cobra Retractor
26 cm, blade 32mm, grip handle



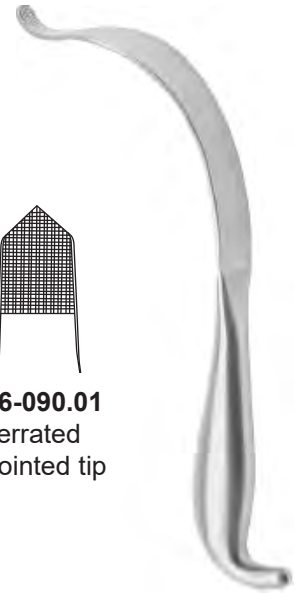
06-090.03
smooth
blunt tip



06-090.02
serrated
blunt tip



06-090.01
serrated
pointed tip



06-090.02

Retractors

Retractors

Retractors

Retractors

Cast-, Plaster Management

Cast-, Plaster Management

Vacuum System with Plaster Saw 95-460.25

95-460.22 Plaster Saw with two Saw Blades Diameter 50+65mm + 2 Wrenches



including:
 Vacuum Cleaner + Dust Removal Unit Tube, Hose
 clamp and Tools
 Plaster Saw 95-460.22 with 2 Saw Blades diam.
 50+65 mm, 2 wrenches

not including:
 Magnetic Plate (can be ordered separately)
 Hanging kit for Saw (can be ordered separately)



Main connection	220-240 Volt 50/60 Hz or 110-120 Volt 50/60 Hz
Rated current	1300 Watt
Vacuum consumption	244 mbar / 24,4 Kpa
Container Volume	15 L
Filter Performance	99,97% > 0,5 µm
Noise Level	59 dB (A)
Weight	8,0 kg
Cable Length	6 m
Air quantity	61 l/s
Protection Class	II
Safety IP Code	IP2X
Warranty	18 months

In order to minimize the inhalation of dust of employees and to prevent bothersome dust in the working area and working rooms, the Dust Extractor was developed. It sets itself apart through a special high working efficiency and fits to all GOLD and TITANIUM Oscillating Saws. To install the efficient dust extractor in no time at all, only normal tools are required. In combination with the Vacuum Cleaner and its outlet, that is specially made for the Cast Cutters, the dust extractor system is automatically switched on and off when the saw is used. The operation of a second switch is no longer necessary.

Cast-, Plaster Management



Applicatory hose clamp



Dust Removal
Unit TITANIUM II



Magnetic placement
area for saw blades
and tools



Hanging kit with
handle, height
adjustable

With this set, dust in the workplace is reduced to a minimum. Its engineering and, in turn, effectiveness correspond precisely to the dust extraction requirements of GOLD and TITANIUM oscillation saws. Specially developed for the extraction of grinding dust and sawdust, the system filters out 99,97 % of all particles larger than 0,5 µm from the outgoing air. In this way, it makes an important contribution to the environment and the economics of the orthopedic department alike. Thanks to the electrical circuit connecting of the set, the extractor switches on and off automatically with the saw in the standby mode.



Vacuum Cleaner without accessories

This versatile and compact vacuum cleaner with its special filter technique is specially designed for the suction/ vacuuming of fine, dry cast cutting dust from plaster and synthetic casts. The enormous suction/vacu-um performance of the turbine is 1600 Watts by an air flow rate of 61 l/s and a vacuum of 244 mbar. 99,97% of all particles are filtered from the exhaust that are larger than 0,5µm. For rational working, the dust removal system comes with an outlet that is specially designed for our Oscillating Saws. The standby-mode takes over the automatic on and off switching of the suction/vacu-um function.

Cast-, Plaster Management



95-460.70
Flexible and robust
tube complete, 2 m



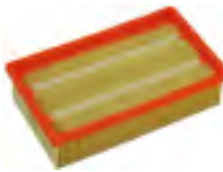
95-460.32
Wet Filter Bags 5 pieces



95-460.31
Paper Filter Bags 5 pieces



95-460.72
ECO Fleece Filter
for model series > 06/2010



95-460.71
ECO-Flat Folding Filter
for model series < 05/2010



95-460.74
ECO Fleece Filter, HEPA



95-460.75
Filter Basket



95-460.30
Case for Plaster Saw



Round Saw Blade
for Plaster Casts

Diameter	Part-#
50 mm	95-460.14
65 mm	95-460.15

Round Saw Blade for Synthetic-
Dressings, special hardened

Diameter	Part-#
50 mm	95-460.19
65 mm	95-460.20



Cast-, Plaster Management



06-206.28
Cast-, Plaster
Spreader 28cm

HENNING



06-206.23
Cast-, Plaster
Spreader 23cm
- designed for One
handed operation

Mod. USA



HOPKINS
95-460.52
Cast Knife 20cm



ESMARCH
95-460.18
Cast Knife 18cm



REINER
95-460.53
Cast Knife 18cm

Cast-, Plaster Management

Cast-, Plaster Management

Cast-, Plaster Management

Cast-, Plaster Management

PELVIC Instruments

PELVIC Instruments

Universal keyless Chuck with pull Release and T - Handle 95-172.05



Universal keyless Chuck with
pull release 1,0 - 6,0 mm

T - Handle with Jacobs Chuck 95-172.02



Pelvic Sharp Bone Hook 23cm, with handle 06-058.50



Bone Hook with T-Handle, 18 cm, 18 x 21mm, sharp 96-531.18



Bone Lever for Pelvic surgery - width 24 mm 95-316.50



PELVIC Instruments



Pelvic Reposition Forceps for 3,5 and 4,5 mm screws

95-288.03 19 cm length
95-398.851 26 cm length



Reduction Forceps with points
200 mm
95-301.00



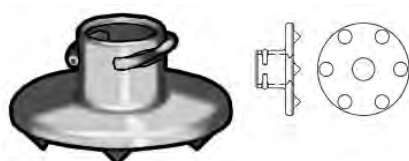
Schanz Screw 6 x 200mm
95-228.15ST



Pelvic Reduction Forceps
13,5", with speed lock
adjustable jaws for screws
95-190.11



Straight Ball Spike 12ñ
phenolic handle
99-398.540



Spiked Disk Dia. 25mm
99-398.545

PELVIC Instruments

Pelvic Reduction Forceps angled 190 mm, small with pointed ball tips, speed lock
99-398.840



Pelvic Reduction Forceps angled 230 mm, large with pointed ball tips, speed lock
99-398.850



Pelvic Reduction Forceps straight 250 mm, with pointed ball tips, speed lock
99-398.890



**Plate Bending Pliers 10",
for reconstruction plates 2.7 - 3.5mm
max. cap. 12mm x 2.5mm**
95-192.10



PELVIC Instruments

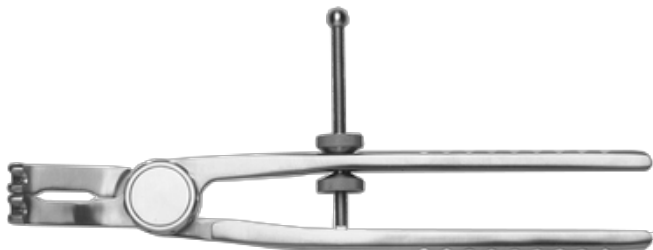
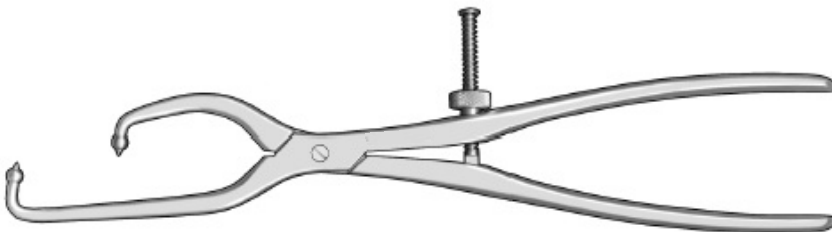
Pelvic Reduction Forceps 400 mm, with long pointed-ball tips
99-398.860



Pelvic Reduction Forceps 400 mm, 1x2 jaws, with long pointed-ball tips
99-398.870



Asymetric Pelvic Reposition Forceps 400 mm, with ball tip, thread lock
99-398.770



95-190.10
PELVIC Reduction Forcep 34cm with speed lock

Simple adjustment without dismantling due to the sliding mechanism.
Fixation in both directions (distraction and compression).

PELVIC Instruments

**Periarticular Reduction Forceps 15ñ, medium, 14-128mm opening,
pointed ball tips with speedlock
99-398.775**



**Periarticular Reduction Forceps 15ñ, large, 39-181mm
opening, pointed ball tips with speedlock
99-398.780**



PELVIC Instruments

PELVIC Instruments

PELVIC Basic Instrumentation Set: 59-001.01

Part-#:	Product description:	QTY
06-052.01	Volkman Retractor, 21.5cm, sharp	1
06-053.01	Volkman Retractor, 21.5cm, blunt	1
60-500.10	Container 580 x 280 x 100 mm, bottom non-perforated / lid perforated, silver	1
60-602.05	Wire Basket 540 x 255 x 50 mm	1
60-650.01	Silicon Mat 440 x 230 mm	1
95-169.155	Twist Drill f. quick coup., 2,5 mm diam. 180/165mm	2
95-169.18	Twist Drill for Quick Coupling, diam. 3.2mm, 195/170mm, extra long	2
95-169.20	Twist Drill for Quick Coupling, diam. 3.5mm, 195/170mm, extra long	2
95-169.22	Twist Drill for Quick Coupling, diam. 4.5mm, 195/170mm, extra long	2
95-171.02	Taps, diam. 3,5 mm f. cancell. screws	2
95-171.04	Taps, diam. 4,5 mm	2
95-172.01	T-Handle with Quick Coupling, for Taps	1
95-172.02	Handle with Key, Jacobs Chuck	1
95-174.01	Depth Gauge, for large Screws	1
95-178.010	Screw Driver with hexagonal Head, 20cm hex=2,5mm, for screws Ø 2.7/3.5/4.0mm Handle: PPSU Black	1
95-176.03	Screw Driver with hexagonal Head, 20cm hex=3,5mm, for screws Ø 4.5 / 6.5mm Handle, PPSU Black	1
95-178.04	Screw Driver Element, hexagonal, small, 2.5mm, for Quick Coupling	1
95-178.20	Screwdriver shaft hexagonal 3.5mm, length 100mm, AO-coupling	1
95-190.11	PELVIC REDUCTION FORCEPS 13,5" with speed lock adjustable jaw for screws with speedlock	1
95-190.50	Plate Bending Iron for 3.5mm/4.5mm plates used in pairs (2 pcs.)	1 pair
95-192.10	Plate Bending Pliers 10", for reconstruction plates 2.7 - 3.5mm max. cap. 12mm x 2.5mm	1
95-193.00	Screw Forcep, self-holding	1
95-178.012	Coupling Self-Holding Sleeve, Short, for Screw Driver REF.: 95-178.010	1
95-178.011	Coupling Self-Holding Sleeve, Long, for Screw Driver REF.: 95-176.03	1
95-288.01	Farabeuf-Lambotte Bone Holding Forceps, 260mm, with ratchet	1
95-288.03	Pelvic Repositions Forceps, 190mm with ratchet, for screws 3,5 mm	1
95-301.00	Bone Holding Forceps with Points, 200mm	1
95-316.50	Pelvic Single Prong Bone Lever, blade width 24mm	1
99-398.540	Straight Ball Spike, 12"	1
99-398.545	Spiked Disk dia. 25mm	4
99-398.770	Asymetric Pelvic Reduction Forceps, with ball tip, thread lock, 400 mm	1
99-398.840	Pelvic Reduction Forceps 190 mm, with short pointed-ball tip	1
99-398.850	Pelvic Reduction Forceps 230 mm, with long pointed-ball tips	1
99-398.860	Pelvic Reduction Forceps 400 mm, with long pointed-ball tips	1
99-398.870	Pelvic Reduction Forceps 250 mm angeled, short pointed-ball tips	1
99-398.890	Pelvic Reduction Forceps 400 mm, 1x2 jaws, with long pointed-ball tips	1

PELVIC Instruments

WIRE, PIN & ROD Management

K-Wire Storage

K-Wire Rack, Rack for K-Wires

The racks are available for Kirschner Wires with 15 cm and 31 cm length.
Other rack sizes are available upon request.

95-551.00

Rack for K-Wires with 15 cm length

Wire Stored:

Ø 1,0 / 1,2 / 1,4 / 1,6 / 1,8 / 2,0 /
2,5 / 3,0mm



95-551.01

Rack for K-Wires with 31 cm length

Wire Stored:

Ø 1,0 / 1,2 / 1,4 / 1,6 / 1,8 / 2,0 /
2,5 / 3,0mm



Special rack sizes upon request!

K-Wire and Pin Dispenser

K-Wire and Pin Dispenser

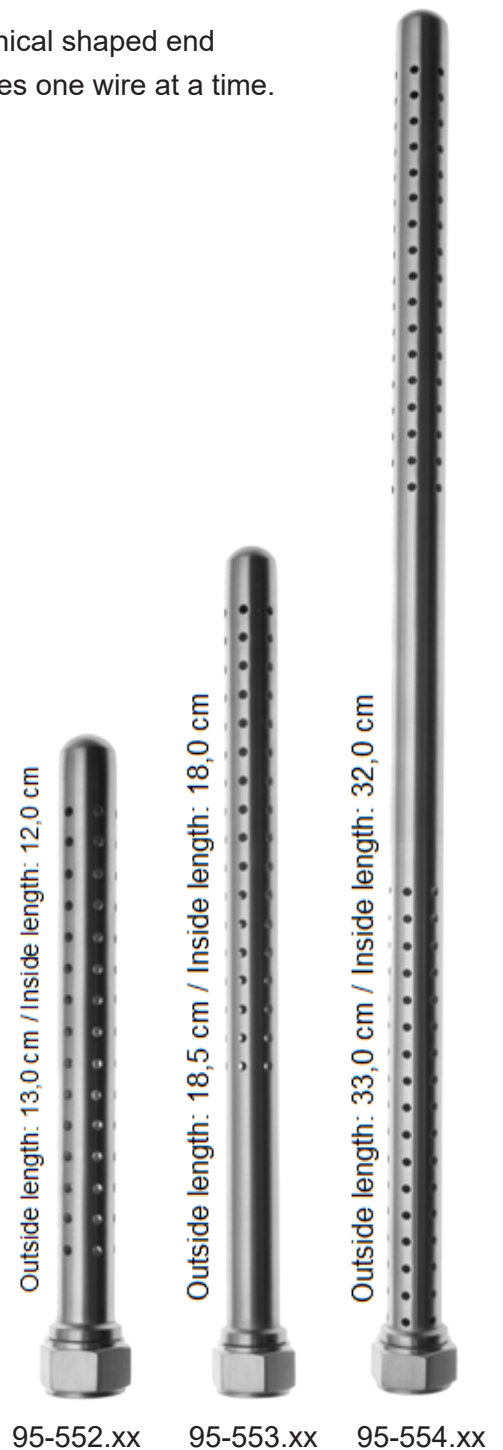
made out of stainless steel, with cap

- Handy container to store and dispense K-Wires and Steinmann pins.
- Each dispenser is clearly marked with the size of the wires/pins held for quick identification.
- Dispenser is perforated
- It is recommended to load blunt end first.
- Will only dispense smooth (unthreaded) wires and pins.



Conical shaped end
dispenses one wire at a time.

Wire-Ø	Length 12cm	Length 18cm	Length 32cm
0.6 mm	95-552.06	95-553.06	95-554.06
0.8 mm	95-552.08	95-553.08	95-554.08
0.9 mm	95-552.09	95-553.09	95-554.09
1.0 mm	95-552.10	95-553.10	95-554.10
1.2 mm	95-552.12	95-553.12	95-554.12
1.4 mm	95-552.14	95-553.14	95-554.14
1.5 mm	95-552.15	95-553.15	95-554.15
1.6 mm	95-552.16	95-553.16	95-554.16
1.8 mm	95-552.18	95-553.18	95-554.18
2.0 mm	95-552.20	95-553.20	95-554.20
2.2 mm	95-552.22	95-553.22	95-554.22
2.5 mm	95-552.25	95-553.25	95-554.25
3.0 mm	95-552.30	95-553.30	95-554.30



Wire Cutter

Vario-Cutter / shear cutting for K-Wires



Our high quality plate and wire cutting plier is also now optionally available as “VARIO-CUTTER” in 2 different designs.

These characterize themselves through the integration of special shear cutters for K-wires up to a thickness of 3.5 mm.

By a shear cut, a clean cutting edge is achieved and in addition effectively pre-vents spraying of the cutting clippings.

30-110.24S with shear cutter Ø 3.5 mm



30-110.25 with shear cutter Ø 3.5 mm and Ø 2.0 mm



For further product details and ordering information please contact your Ortho-Medical sales team. We will help you to find the appropriate product.

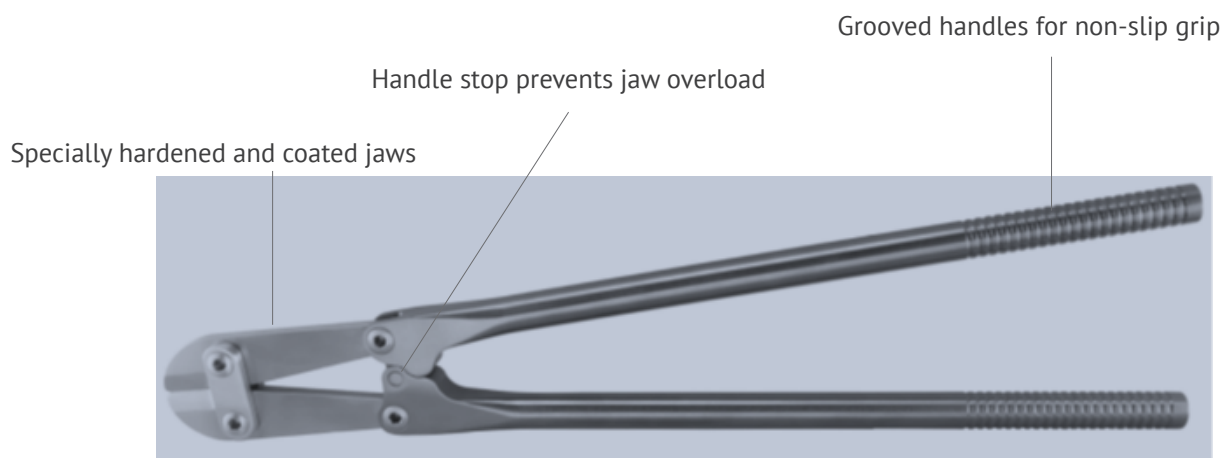
Pin Cutters & Pin Shears

Pin Cutter Heavy Duty

with a special hardened cutting edge for instrument cuts = wires, bolts and rods up to diameter 6,35 mm.

Caution! Not to be used inside of a patient.

Pattern	Part-#	Length	Size	Max. cap. Ø [mm]
Pin Side Cutter Stainless Steel	30-110.38	38 cm	Small	4.5
	30-110.50	47 cm	Medium	6.0
	30-110.60	54 cm	Large	6.35

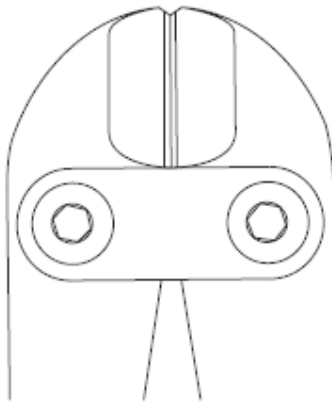


Pin Cutters & Pin Shears

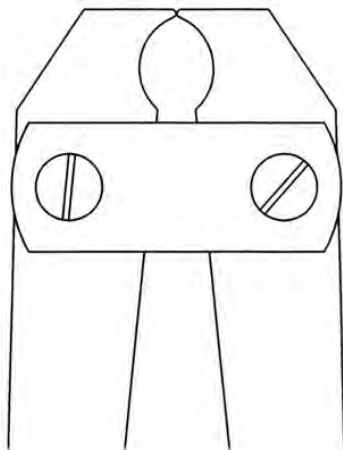
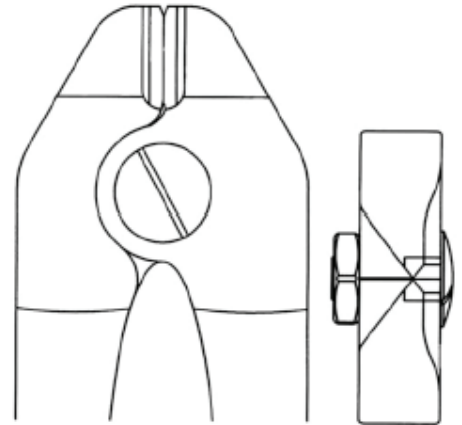
REPLACEMENT JAWS

Part-#	Corresponding Pin Cutter	Jaw Material
30-110.38MKPL	30-110.38	Stainless Steel
30-110.MKPL	30-110.50 30-110.60	Stainless Steel
30-110.MKPLTI	30-110.50TI 30-110.60TI	TIN coated

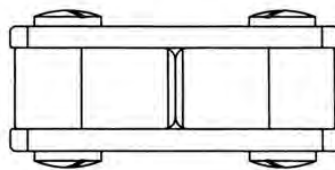
30-110.MKPL



30-110.38MKPL



30-131.80 replacement jaws



30-131.38 **ORLOS Pin/Rod End Cutter 38cm (15")**
DA (double action) pointed tip, in situ cutter
max. cap. 4.5mm [.177"]



Pin Cutters & Pin Shears

30-137.29

ORLOS In Situ Pin Shear Cutter, 29 cm

Shear 3 different pin diameters with 1 instrument.

made in **GERMANY**



Shear 3 different pin diameters with 1 instrument.

- Double action design allows for ease in cutting.
- Grooved handles are ergonomically designed for a comfortable and secure grip.
- Shears 2.5mm [.098"] 3.0mm [.118"] and 3.5mm [.138"] diameter pins with ease and provides a clean cut without burrs or sharp edges.



Rod Shear Cutters

made in **GERMANY**

30-136.57

ORLOS Silicone In Situ Rod Shear Cutter, with detachable handles, OAL=57cm

- Rods are sheared, leaving a smooth and clean surface rather than a sharp, jagged, burr - like surface common when using a standard pinching - type rod cutter.



Rod cut by standard pinching-type rod cutter



Rod cut by ORLOS Silicone In Situ Cutter

The ORLOS Rod Shears easily cuts: 4.5mm [.177"], 5.5mm [.217"] and 6.35mm [.250"] diameter pins and rods.



Rod Shear Cutters

made in **GERMANY**

30-136.57

ORLOS Silicone In Situ Rod Shear Cutter, with detachable handles, OAL=57cm

detached view



• Double action design allows for ease in cutting.

• Quick handle release

• Available with detachable handles.



• No e: Instrument is not designed to be used inside the patient's body.

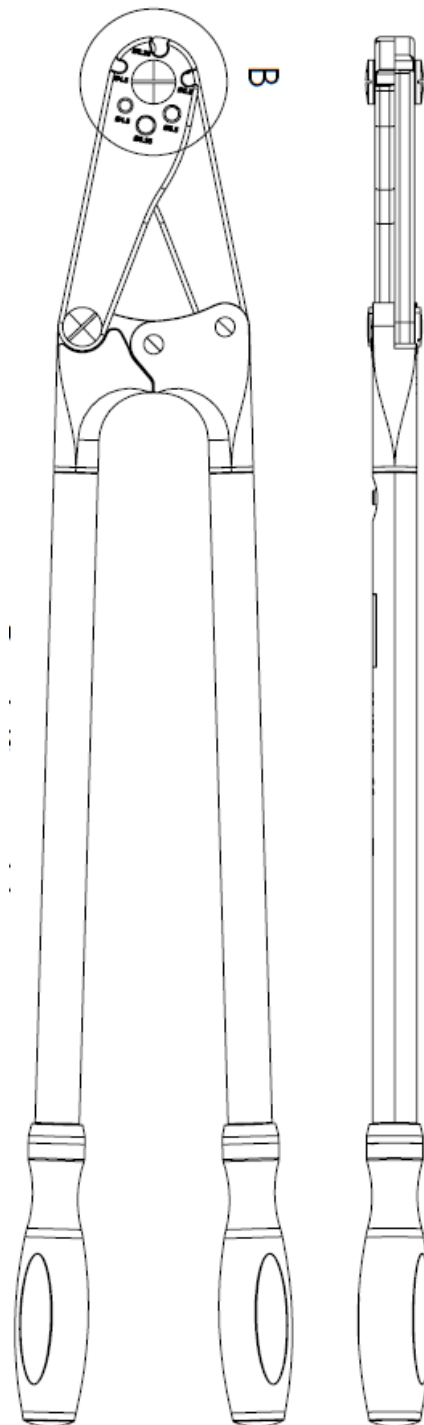
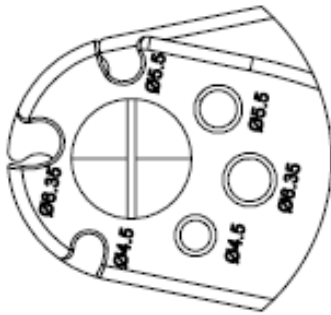
Rod Shear Cutter

made in **GERMANY**

Overview:

Rod-Ø to cut

4.5. / 5.5 / 6.35



30-136.57

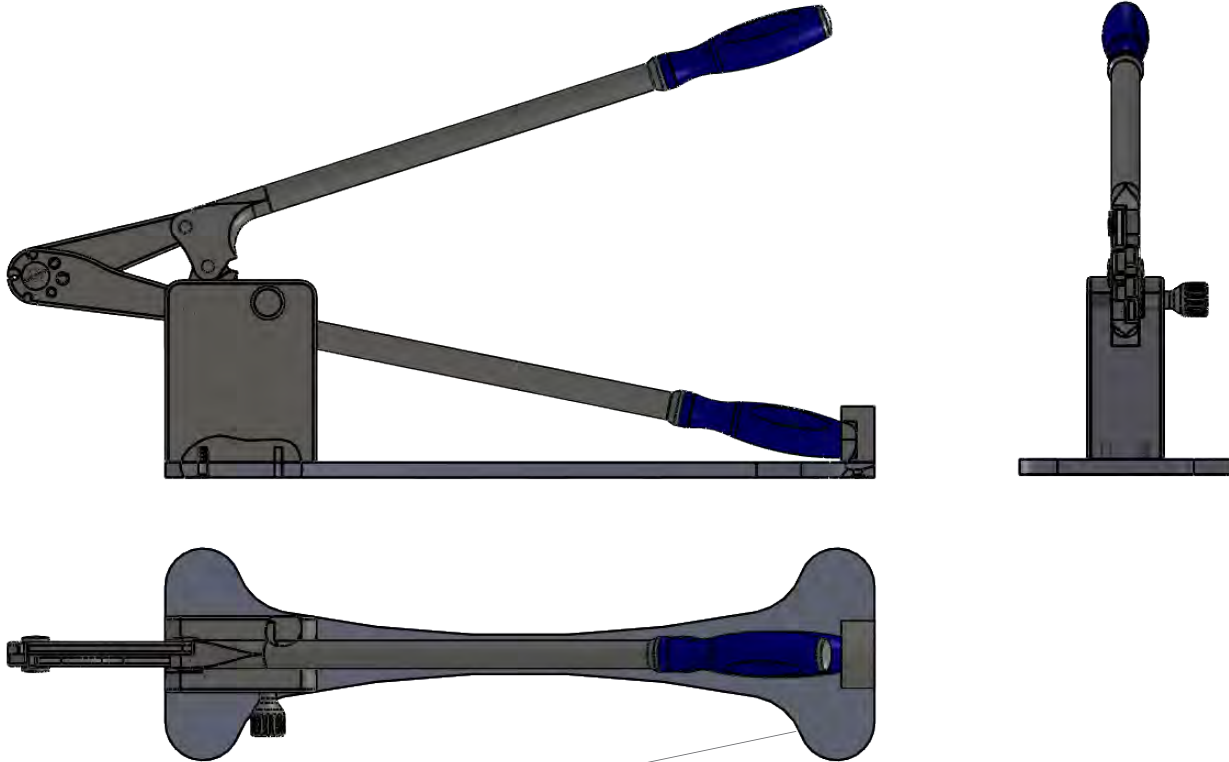
ORLOS Silicone Rod Shear Cutter
for 3.5 / 4.0 / 5.5 and 6.0 mm rods
detachable handles, 57cm OAL

- cuts Cobalt Chrome Rods
- Rods are sheared, leaving a smooth and clean surface rather than a sharp, jagged, burr-like surface common when using a standard pinching-type rod cutter.
- Double action design allows for ease in cutting.
- Note: Instrument is not designed to be used inside the patient's body.

Rod Shear Cutters

made in **GERMANY**

Table Top Version 1



30-136.90

ORLOS Table Top Base, only for Silicone In Situ Rod
Shear Cutter - compatible with 30-136.57

Rod Shear Cutters

made in **GERMANY**

Table Top Version 2.0

SET Information

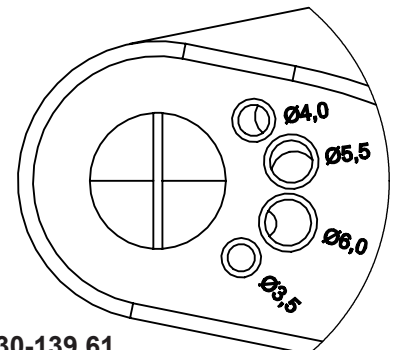
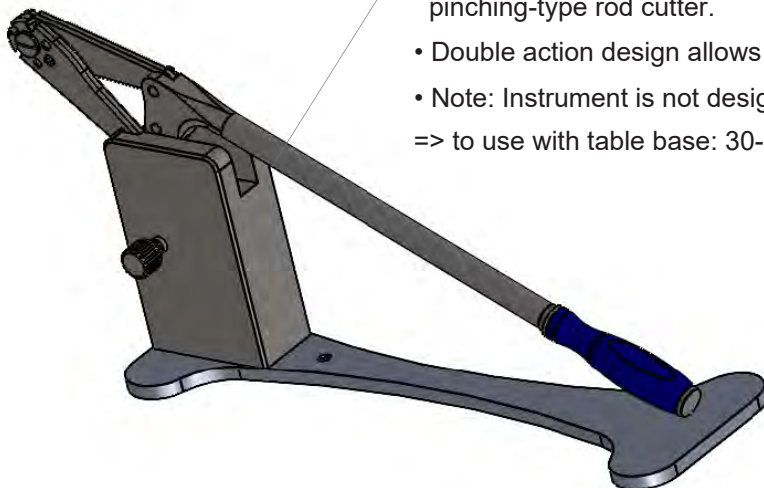
ORLOS Silicone In Situ Rod Shear Cutter SET, table version single detachable handle, 57cm OAL
consisting of: Shear Cutter & Table Base

Set-#	Rod-Ø [mm]	Table Top	In-Situ	Standard
30-139.00	4.5/5.5/6.35	30-139.50	30-139-51	--
30-139.20	3.5/4.0/5.5/6.0	30-139.50	--	30-139.61

30-139.51

ORLOS Silicone In Situ Rod Shear Cutter,
for 4.5/5.5/6.35 mm rods,
table version single detachable handle, 57cm

- cuts Cobalt Chrome Rods
- Rods are sheared, leaving a smooth and clean surface rather than a sharp, jagged, burr-like surface common when using a standard pinching-type rod cutter.
- Double action design allows for ease in cutting.
- Note: Instrument is not designed to be used inside the patient's body.
=> to use with table base: 30-139.50 only



30-139.61

ORLOS Silicone Rod Shear Cutter,
for 3.5/4.0/5.5/6.0 mm rods,
table version single detachable
handle, 57cm

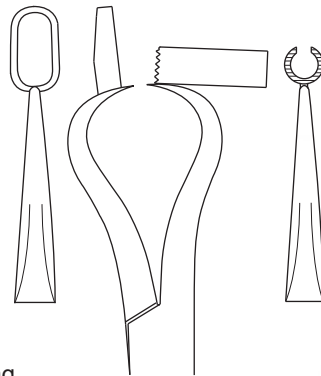
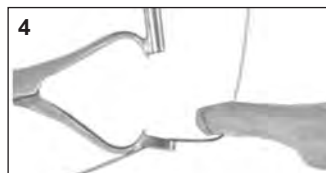
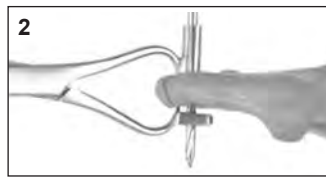
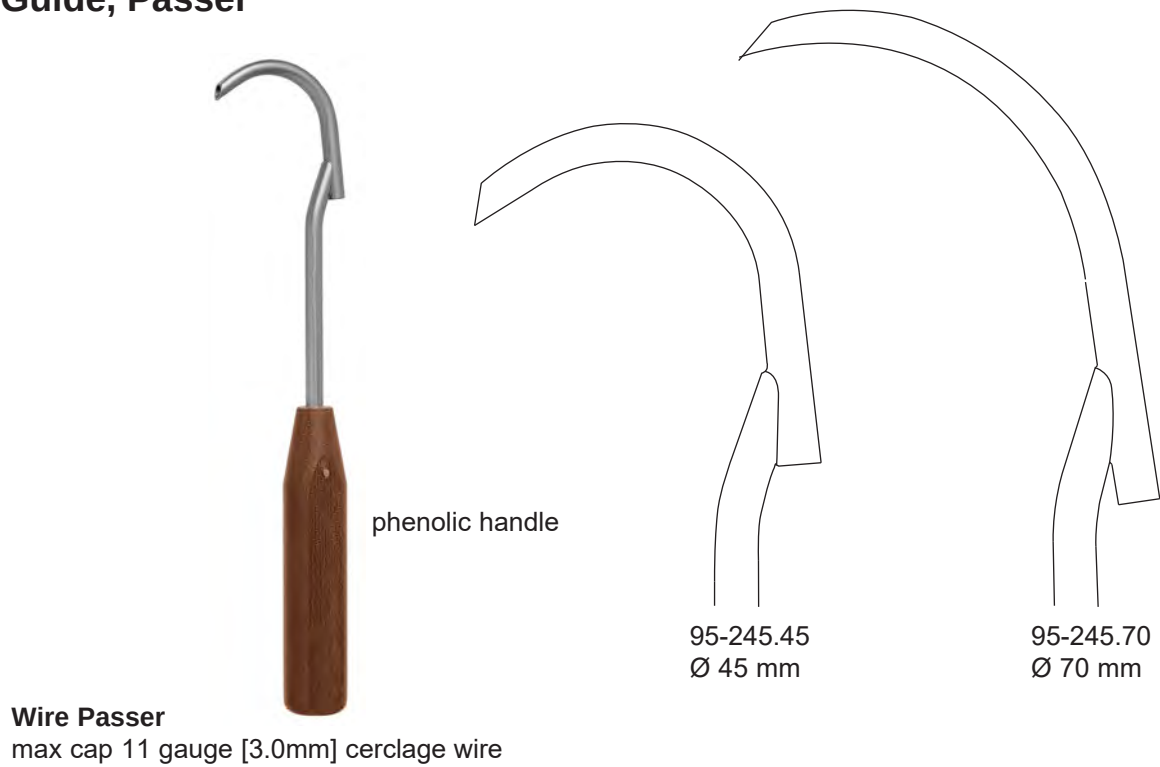


30-139.50

ORLOS 2.0 Table Base
compatibel rod shear cutter: 30-139.51 ff.

silicone stopper to prevent the table top from slipping

Wire Guide, Passer



- 1-2. Serrated end of drill guide helps with fixation of drill hole positioning and provides soft tissue protection during drilling.
3. Drill guide also helps to guide cerclage wire through the hole and into the fenestrated loop on the other side.
4. After wire passes through fenestrated loop, forceps are opened and wire can be easily pulled up from other side.

08-280.15

Wire Passer and Retriever Forceps 15cm/6"
with drill guide for max OD 3.0mm drill bit max cap 17
gauge [1.5mm] cerclage wire



Pliers



95-193.51

Screw and Pin Removing Plier,
with speedlock and TC inserts for
3.0/4.5 screws/pins

Sleeve Wire & Pin Cutters

30-139.70

Sleeve Cutter 36cm, Ø3.0 / 4.5 mm
with Plastic Handle, Black, for
Soft & Hard Wires max. Ø3,0 / 4.5 mm



30-139.71

Sleeve Cutter 36cm, Ø3.0 / 4.5 mm with
Steel Knurl Handle, for
Soft & Hard Wires max. Ø3,0 / 4.5 mm



30-139.72

Sleeve Cutter 36cm, Ø3.0 / 4.5 mm
with Silicone Handle, Blue, for
Soft & Hard Wires max. Ø3,0 / 4.5 mm

NOT ILLUSTRATED!

**MAJOR INTENDED USE OF SLEEVE CUTTER ARE FOR
SMART CUTTING OF ELASTIC PEDIATRIC NAILS !**

ORLOS

- **Accessories**
- **Instruments**
- **Screws, Sets**

ORLOS Locking Plate System Accessories

LC-DCP Neutral and Load Drill Guide

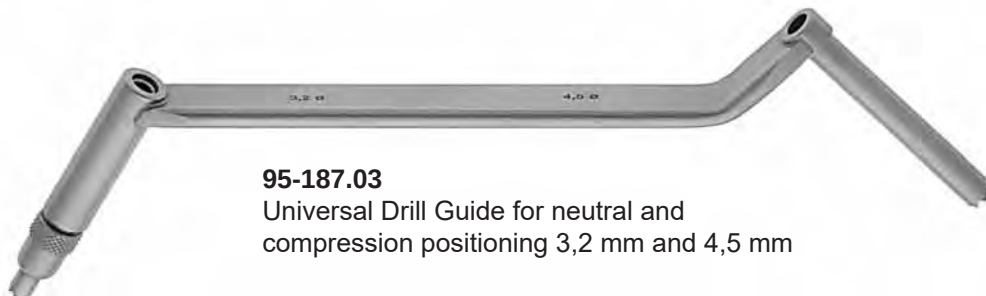
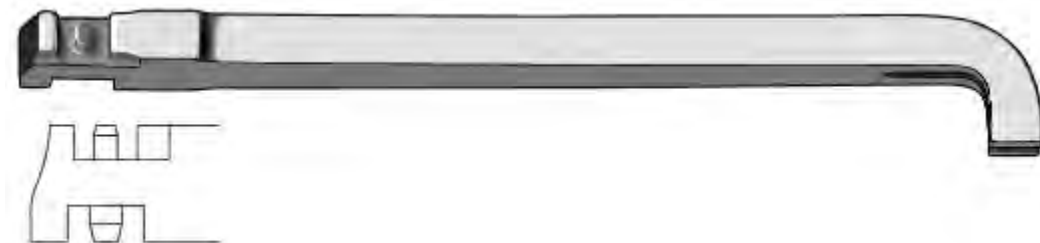
DM 3,5 mm	95-185.35
DM 4,5 mm	95-185.45



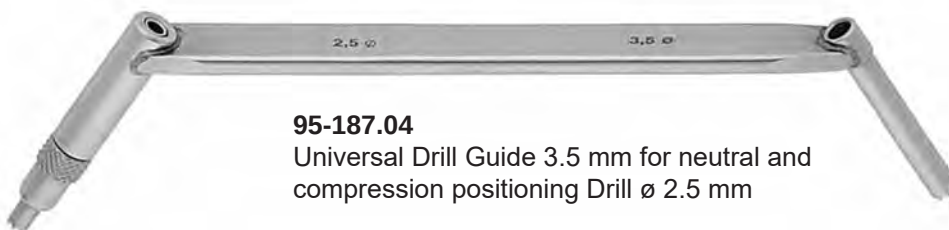
Use the yellow drill sleeve when drilling a screw hole in the load position.

Use the green drill sleeve when drilling a screw hole in the neutral or buttress position.

Plate Bending Iron for 3.5 / 4.5 mm plates 95-190.50



95-187.03
Universal Drill Guide for neutral and
compression positioning 3,2 mm and 4,5 mm



95-187.04
Universal Drill Guide 3.5 mm for neutral and
compression positioning Drill ø 2.5 mm

Bone Mills

90-900.00 ORLOS Bone Mill Set

consisting of:

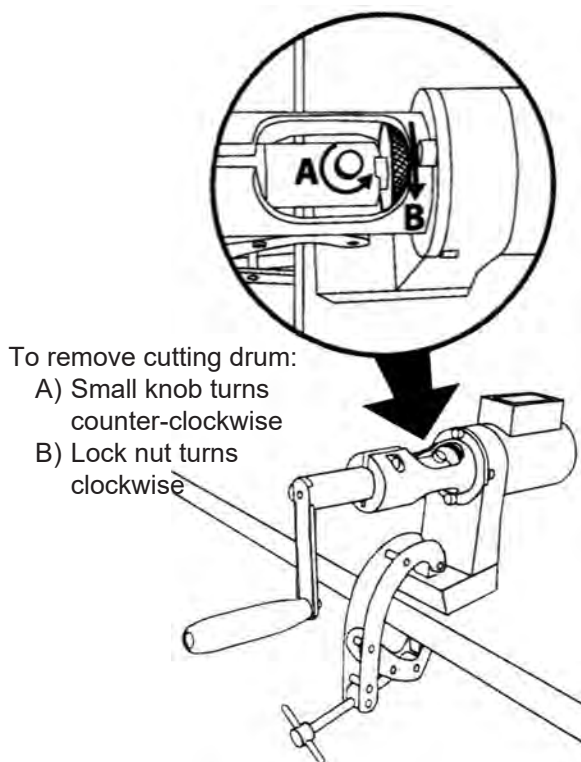
- 90-900.05 Allen Key, hex. 2.0 mm
- 90-900.06 Allen key, hex. 3.0 mm
- 90-900.07 Allen key, hex. 5.0 mm
- 90-900.10 Cutting drum with 4 mm holes
- 90-900.20 Cutting drum with 3 mm holes
- 90-900.30 Table clamp
- 90-900.40 Bone Mill body with handle, push block and lock nut for cutting drum
- 90-900.50 Bone Mill Fixation Tray with Inlays
- 90-900.90 Lid, 545x255 mm for Tray 90-900.50
- 90-900.08 3,0mm Precision Slot-Screw Driver with total Length 100mm used for bearing bush exchange



** Lid not illustrated*

Used to produce allograft material:

- Grinds bone of various densities
- 3 cutting drums for variable density bone graft
- Attaches securely with table clamp
- Fully autoclavable and easy to dismantle for cleaning
- When push block is removed, top opening is 67x30 mm



- Shown with table clamp attached and push block removed

Bone Mills



- Shown with push block inserted

90-900.40

Bone Mill body with handle, push block and lock nut for cutting drum



90-900.10

Cutting drum with 4 mm holes, Harrison coupling



90-900.20

Cutting drum with 3 mm holes Harrison coupling

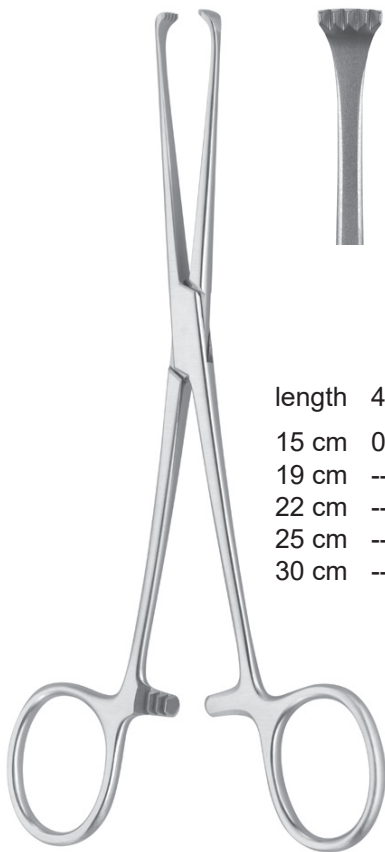


90-900.30

Table clamp

Forceps various designs

Tissue Forceps

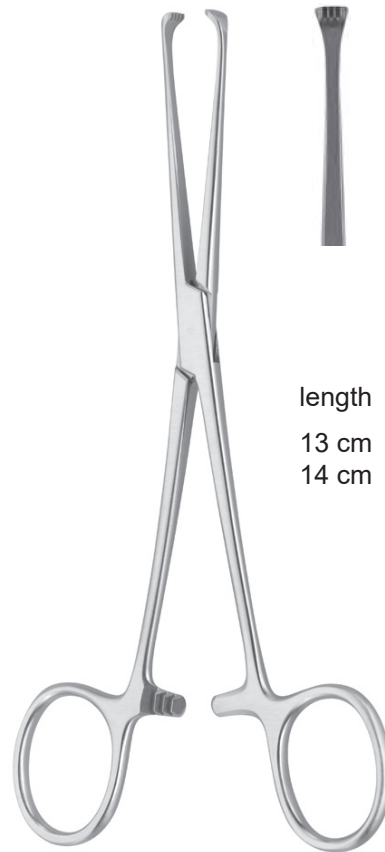


ALLIS

length	4 x 5 teeth
15 cm	08-260.15
19 cm	--
22 cm	--
25 cm	--
30 cm	--



length	5 x 6 teeth
15 cm	08-261.15
19 cm	08-261.19
22 cm	08-261.22
25 cm	08-261.25
30 cm	08-261.30



ALLIS-BABY

length	4 x 5 teeth
13 cm	08-262.16
14 cm	08-262.14



Delicate Tissue Forceps



1 : 2 teeth

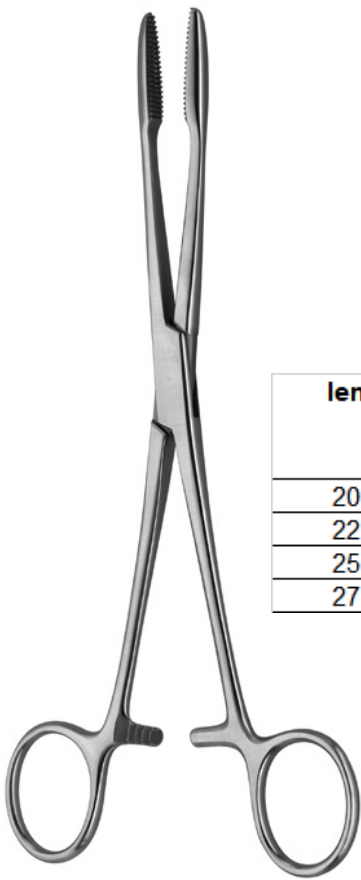
straight

length

04-125.15	15 cm
04-125.18	18 cm
04-125.20	20 cm
04-125.25	25 cm
04-125.30	30 cm

WAUGH

Dressing Forceps



GROSS-MAIER



length	straight with ratchet	curved with ratchet
20 cm	08-174.20	08-175.20
22 cm	08-174.22	08-175.22
25 cm	08-174.25	08-175.25
27 cm	08-174.27	08-175.27

Sponge Holding Forceps



straight

length

RAMPLEY

08-269.25

25 cm

Uterine Tenaculum Forceps



SCHROEDER

	length	prongs
08-195.25	25 cm	1:1
99-080.22	27 cm	3:3

3:3 prongs



Raspatories, Elevators, Curettes, Spatulas

Curettes

Bone Currettes



BUSHE 25cm



3mm / 90-822.73

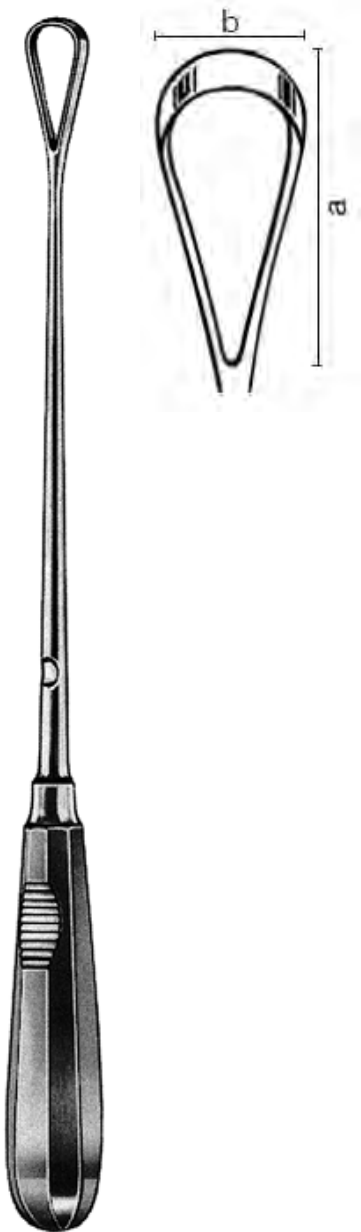


4mm / 90-822.74



5mm / 90-822.75

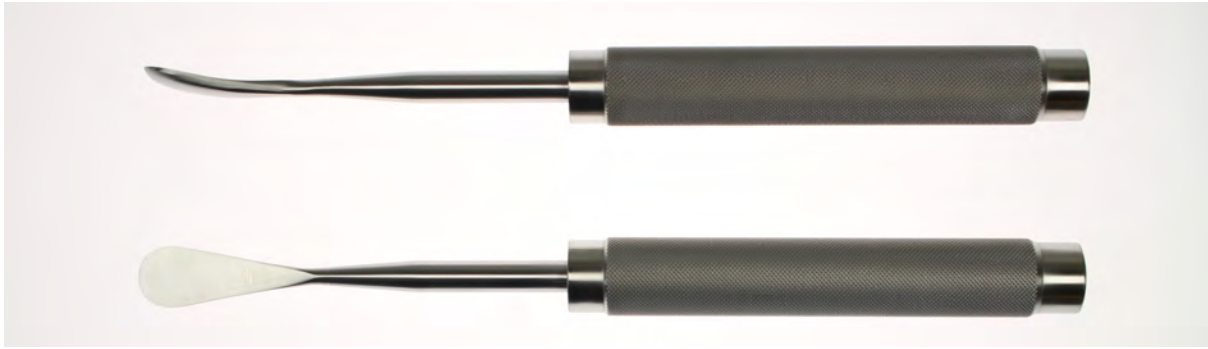
Uterine Curettes



RECAMIER

		biegsam <i>malleable</i>	fest <i>rigid</i>	fest <i>rigid</i>
Fig.	a x b mm	scharf <i>sharp</i>	scharf <i>sharp</i>	stumpf <i>blunt</i>
31 cm – 12¼"				
00	9 x 5	99-086.10	99-086.50	99-086.27
0	12 x 6	99-086.11	99-086.51	99-086.28
1	14 x 7	99-086.12	99-086.52	99-086.29
2	16 x 8	99-086.13	99-086.53	99-086.30
3	18 x 9	99-086.14	99-086.54	99-086.31
4	22 x 11	99-086.15	99-086.55	99-086.32
5	24 x 12	99-086.16	99-086.56	99-086.33
6	28 x 14	99-086.17	99-086.57	99-086.34
7	33 x 15	99-086.18	99-086.58	99-086.35
8	35 x 16	99-086.19	99-086.59	99-086.36
9	38 x 19	99-086.20	99-086.60	99-086.37
10	40 x 20	99-086.21	99-086.61	99-086.38
11	45 x 21	99-086.22	99-086.62	99-086.39
12	48 x 23	99-086.24	99-086.63	99-086.40
34 cm – 13½"				
13	50 x 25	99-086.70	99-086.80	99-086.90
14	55 x 30	99-086.71	99-086.81	99-086.91
15	60 x 35	99-086.72	99-086.82	99-086.92
16	65 x 40	99-086.73	99-086.83	99-086.93

Elevators



- | | |
|-----------|---|
| 95-507.10 | Metal Handle Cobb Elevator 11" Overall Length , Size 3/8" |
| 95-507.12 | Metal Handle Cobb Elevator 11" Overall Length , Size 1/2" |
| 95-507.19 | Metal Handle Cobb Elevator 11" Overall Length , Size 3/4" |
| 95-507.25 | Metal Handle Cobb Elevator 11" Overall Length , Size 1" |
| | |
| 95-509.13 | Metal Handle Cobb Elevator 9" Overall Length Size 1/2" |
| 95-509.19 | Metal Handle Cobb Elevator 9" Overall Length , Size 3/4" |
| | |
| 95-531.16 | Shovel Nose Elevator 15" Overall Length , Size 5/8" |
| 95-531.19 | Shovel Nose Elevator 15" Overall Length, Size 3/4 " |

Elevators



COBB



Instruments with Plastic Handles:

A highly resistant thermoplastic having much better characteristics than the often used Ferrozell:

- Excellent resistance against acids and leaches, therefore much safer than Ferrozell from the hygiene point of view
- High form stability even after hundreds of sterilisation cycles
- High solidity even when exposed to extreme loads
- Highly colour-fast
- Tremendously reduced need of repair
- FDA approved
- Suitable for all sterilisation procedures

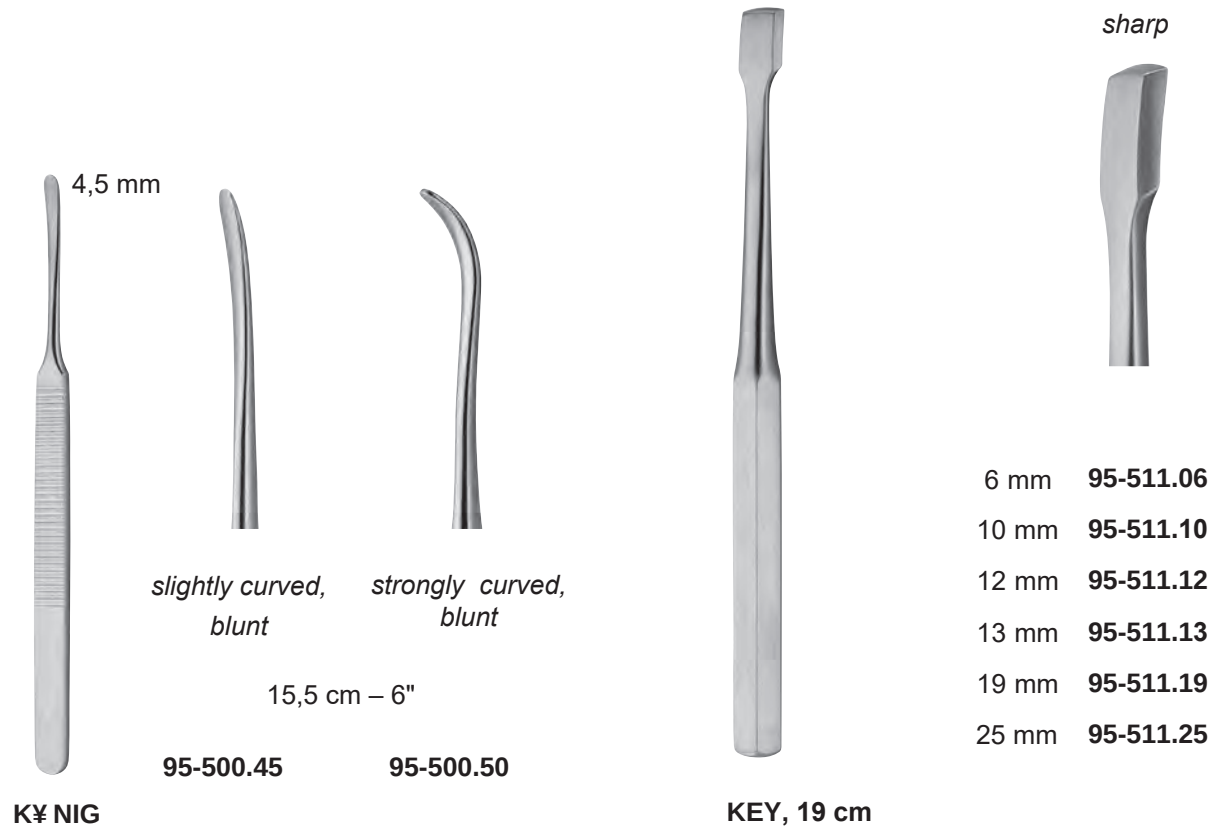
with Plastic Handle,
curved, 25cm

	width
95-508.10	10 mm
95-508.13	13 mm
95-508.19	19 mm
95-508.25	25 mm

with Phenolic Handle,
curved, 25cm

	width
95-499.10	10 mm
95-499.13	13 mm
95-499.19	19 mm
95-499.25	25 mm

Periosteal Elevators



SPATULAS



biegsam
malleable

	33 cm / 13"
13 mm	17-741.13
19 mm	17-741.19
25 mm	17-741.25
30 mm	17-741.30
32 mm	17-741.32
40 mm	17-741.40
50 mm	17-741.50
75 mm	17-741.75

RIBBON



biegsam
malleable

17 / 25 mm
20 cm / 8"
17-739.20

TUFFIER



biegsam
malleable

20 cm / 8"	6,5 mm	17-742.06
	9,5 mm	17-742.09
	13 mm	17-742.13
	16 mm	17-742.16
	19 mm	17-742.19
25 cm / 10"	25 mm	17-742.125

RIBBON



biegsam
malleable

28 cm / 11"	25 / 30 mm	17-740.30
30 cm / 11-3/4"	37 / 45 mm	17-740.45
	40 / 50 mm	17-740.50

HABERER



28,5 cm / 11-1/4"
17-743.28

REVERDIN

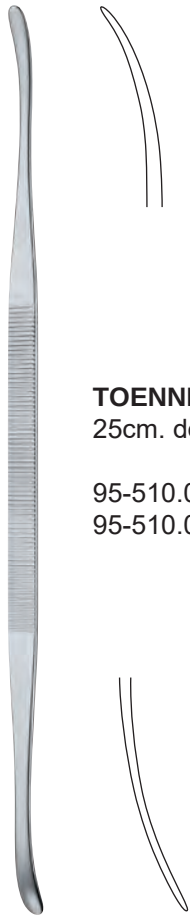


biegsam
malleable

	20 cm / 8"
6,5 mm	50-495.06
9,5 mm	50-495.09
13 mm	50-495.13
19 mm	50-495.19
25 mm	50-495.25

DAVIS

DISSECTORS



TOENNIS Dissector

25cm. double-ended

	tip sizes
95-510.05	5/6 mm
95-510.06	3.5/5.5 mm

length
10,0 cm
11,5 cm
13,0 cm
14,5 cm
16,0 cm
18,0 cm
20,0 cm
25,0 cm
30,0 cm

Ø1,0mm

Ø1,5mm

Ø2,0mm

99-059.16

99-059.18

99-058.20

99-059.20

99-059.25

99-059.30

Probe
double ended

DISSECTORS

DISSECTORS

Scalpels, Knives, Saws, Needles

Scalpel Handles



No. 3
12,5 cm – 5"
99-010.03
blades # 10-13,15



No. 3 - graduated, not
calibrated 12,5 cm – 5"
99-010.03S
blades # 10-13,15



No. 7
16 cm – 6¼"
99-010.07
blades # 10-13,15



No. 7 K
12 cm – 4¾"
99-010.07K
blades # 10-13,15



No. 3 L
21 cm – 8¼"
99-010.03L
blades # 10-13,15



No. 3 LA
21 cm – 8¼"
99-010.03LA
blades # 10-13,15



No. 3
14.5 cm – 6"
99-010.03R
blades # 10-13,15



No. 3 A
14 cm – 5.5"
99-010.03RA
blades # 10-13,15

Scalpel Handles



No. 4
13,5 cm – 5¼"
99-010.04
blades # 18-25,36



No. 4 - graduated, not
calibrated 13,5 cm – 5¼"
99-010.04S
blade # 18-25,36



No. 4 L
21 cm – 8¼"
99-010.04L
blades # 18-25,36



angled

No. 4 LA
21 cm – 8¼"
99-010.04LA
blades # 18-25,36



HARDY Scalpel Handle
vertical, 24cm

50-337.24
blades # 10-13,15



HARDY Scalpel Handle
lateral, 24cm

50-337.25
blades # 10-13,15

Saws & Saw Blades



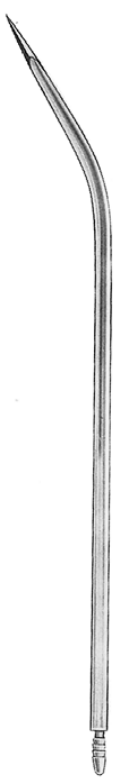
Saw blade, only

95-460.350

WALTON Finger Ring Cutter,
17cm - 6-3/4"
(complete with 1 saw blade)

95-460.35

Guide Needles



Lancet tip,
slightly curved,
threaded

Charr./Fr.	part-#
8	99-041.08
10	99-041.10
12	99-041.12
14	99-041.14
16	99-041.16
18	99-041.18

REDON

Guide Needles

Guide Needles

Bone Files

Bone Files



90-823.22
Bone File 22 cm



90-823.24
Bone File 24,5 cm



95-454.27
Putti Bone Rasp 27 cm

Bone Files

Bone Files

Bone Files

Dynamic Hip Screw System

Dynamic Hip Screw System

95-091.50

Guide Sleeve, long, NEW for
screwing in the lag screws



95-095.50 T-Handle Wrench NEW (in combination with 95-093.50)



95-093.50 Coupling Screw NEW (to be used with 95-095.50)

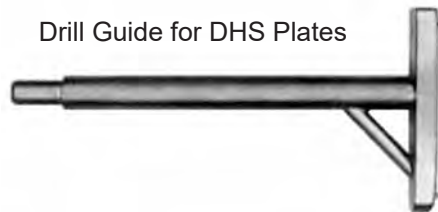


95-096.50 Impactor NEW



95-078.41: 135°
95-078.42: 140°
95-078.43: 145°
95-078.44: 150°

Drill Guide for DHS Plates



93-050.67

Femoral Head Extractor 270mm
with Silicone T-Handle

Dynamic Hip Screw System

Dynamic Hip Screw System

Osteotomes, Chisels

Interchangeable



handle
PPSU

95-415.40	180 mm – 7"
------------------	-------------

Handpiece only, with screw hex=3 mm,
without key

Interchangeable blades



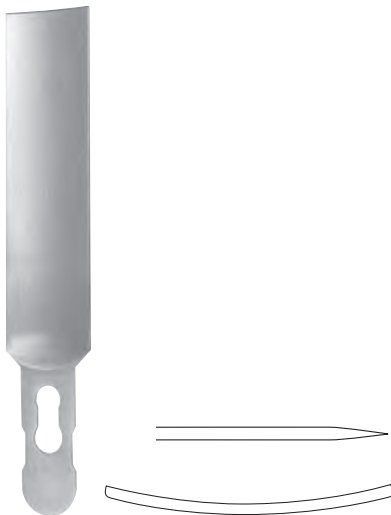
	B
95-415.44	5 mm
95-415.41	10 mm
95-415.42	16 mm
95-415.43	25 mm

Chisels



	B
95-415.84	5 mm
95-415.81	10 mm
95-415.82	16 mm
95-415.83	25 mm

Osteotomes



	Radius
95-415.50	50 mm
95-415.60	60 mm
95-415.70	70 mm

Gouges



95-415.46	SW 3 mm
------------------	---------

Screw



95-415.45	SW 3 mm
------------------	---------

Key

Osteotomes / Chisels

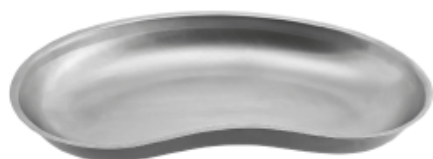


	<i>straight Osteotomes</i>	<i>straight Chisels</i>	<i>straight Gouges</i>
	13,5 cm – 5¼"		
4 mm	--	--	--
6 mm	--	--	--
8 mm	--	95-418.32	95-420.48
10 mm	95-405.10	--	95-420.50
12 mm	95-405.12	95-416.34	95-420.52
14 mm	--	--	--
16 mm	--	95-418.36	95-420.56

Osteotomes / Chisels

Cups, Bowls

Cups, Bowls



KIDNEY BOWL

		Nierenschalen <i>Kidney bowls</i>
0,25 l	170 x 36 mm	95-000.01
0,50 l	250 x 32 mm	95-000.02
0,75 l	275 x 45 mm	95-000.03



BOWL

Ø x H Ø x h	Liter <i>Litre</i>	Schalen <i>Cups</i>
40 x 19 mm	15 ml	95-000.05
61 x 30 mm	0,07 l	95-000.08
80 x 40 mm	0,14 l	95-000.04
116 x 50 mm	0,35 l	95-000.07
128 x 55 mm	0,45 l	--
147 x 65 mm	0,70 l	95-000.06
175 x 70 mm	1,10 l	95-000.10
187 x 85 mm	1,60 l	--
61 x 30 mm	0,06 l	95-000.108



BOWL

Ø	part-#	ml
100 mm	95-000.09	250

Cups, Bowls



Cement Bowl

95-470.13
Cement Mixing Bowl, Ø 130 mm
-from soft rubber



95-470.17
LICHTENSTEIN
Plaster Spatula

LICHTENSTEIN

Cups, Bowls

DIAGNOSTIC

Diagnostic Instruments



Oxidation of lead surface is a normal process.

Per DIN EN 285, autoclave temperatures should not exceed:

Dry Heat: 356°F (180°C) 30 minutes

Steam: 248°F (120°C) 20 minutes

Avoid chemical sterilization.

Lead Hand with Tabs

99-020.01 for Adults, 14"

99-020.02 for Child, 10"

Diagnostic Instruments

MALLETS

Mallets



Stainless steel head
with Aluminum handle.

weight: approx. 480g
head diameter: 45mm

Bergmann

95-334.52



Stainless steel head
with Aluminum handle.

weight: approx. 550g
head diameter: 40mm

Ombredanne Mallet

95-333.01



Stainless steel head
with hollow handle.

weight: approx. 140g
head diameter: 27mm

Hajek Mallet

95-335.11



Stainless steel head
with aluminum handle.

Convex/flat surfaces.

weight: approx. 240g
head diameter: 30mm

Cottle Mallet 19cm

95-334.71

Mallets - Vise Grips Slide Hammer

95-251.20 Vise Grip / Locking Plier, regular jaw, large, small, 18cm / 7", with 400g Slide Hammer

95-251.25 Vise Grip / Locking Plier, regular jaw, large, small, 18cm / 7", with 400g Slide Hammer

95-251.30 Vise Grip / Locking Plier, regular jaw, large, 24cm / 9,5", with 700g Slide Hammer



SPECULAS

Vaginal Speculas



GRAVE

	Fig.	size
99-034.01	1	75x20 mm
99-034.02	2	95x35 mm
99-034.03	3	115x35 mm

SETS

59-009.00 MAJOR BASIC Set for General Surgery



59-009.00 MAJOR BASIC Set for General Surgery



08-078.24

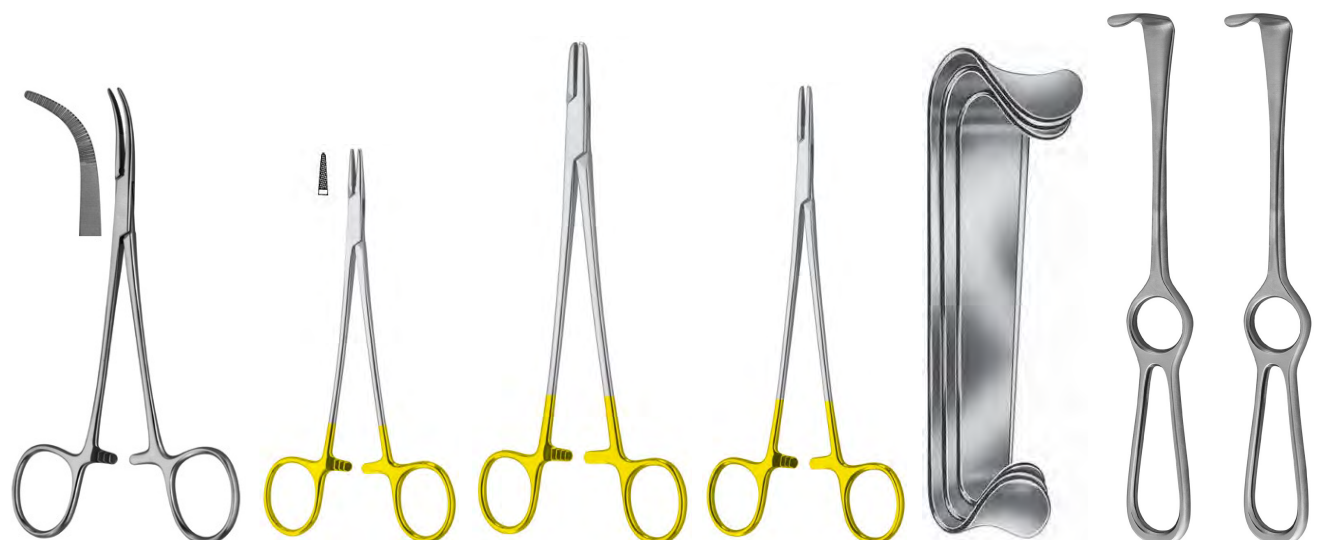
08-174.25

08-159.20

08-092.21

08-093.21

08-094.21



08-125.19

05-108.15

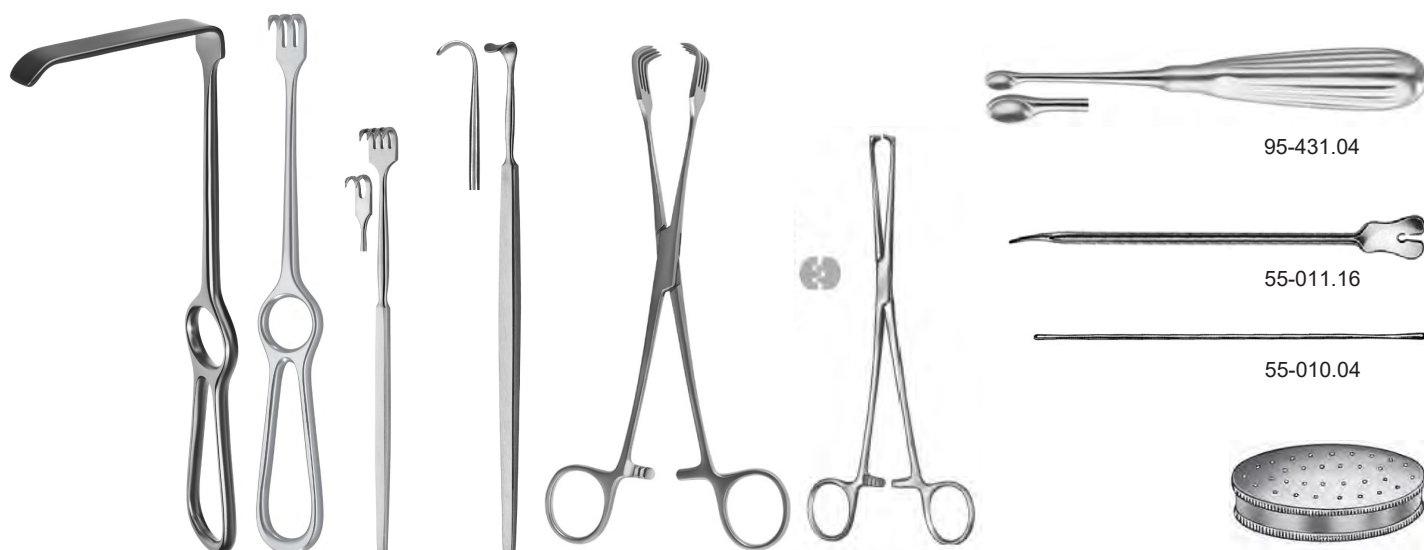
05-117.20

05-109.18

06-102.00

06-068.02

06-068.04



06-072.06

06-054.04

06-029.02

06-047.14

99-080.21

99-010.16AT

95-431.04

55-011.16

55-010.04

99-160.02

59-009.00 MAJOR BASIC Set for General Surgery



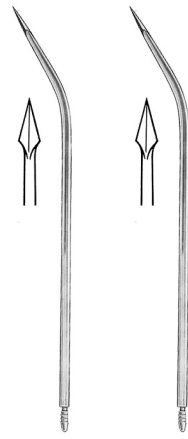
95-000.04



95-000.09



95-000.02



99-041.10 99-041.12

Ortho-Medical GmbH | Hauptstrasse 5 | 78589 Dürbheim | Germany
Telefon +49 (74 24) 94 03-40 | mail@orthomedical.de | www.orthomedical.de

Edition 2018|01 | Revision: 28.10.2025
Printed in Malaysia · Copyright by ORTHO-MEDICAL GmbH, Implants
We reserve the right to make alterations.