



ORTHOPEDIC SURGICAL INSTRUMENTS

Product Catalogue

quality & trust

aysam.com.tr



Instrumentation for Austin Moore Hip Prosthesis



A550 01 091 0111
A550 01 091 0112

AO-INS-111
AO-INS-112

Moore Rasp for Standard Stem
Moore Rasp for Narrow Stem

8698823347475
8698823347482



A550 01 091 0117

AO-INS-117

Mortising Chisel

8698823347529

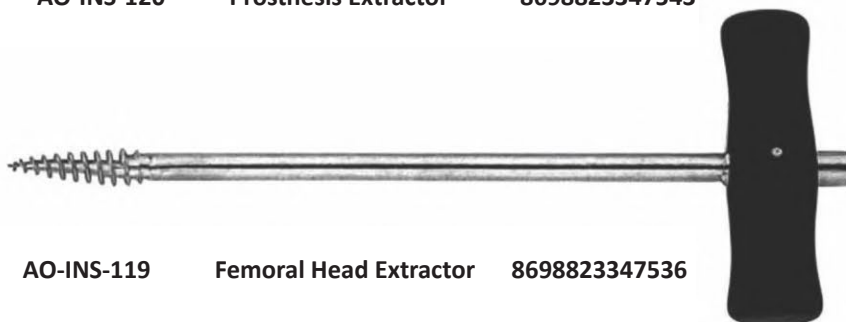


A550 01 091 0120

AO-INS-120

Prosthesis Extractor

8698823347543



A550 01 091 0119

AO-INS-119

Femoral Head Extractor

8698823347536



A550 01 091 0114
A550 01 091 0115

AO-INS-114
AO-INS-114A

Prosthesis Driver
Head Only

8698823347505
8698823347512



A550 01 091 0113

AO-INS-113

Murphy Lane Bone Skid

8698823347499



A550 01 091 0211
A550 01 091 0212

AO-INS-211
AO-INS-212

Drill Bits with end to fit quick coupling $\varnothing$ 3.2 mm
Drill Bits with end to fit quick coupling $\varnothing$ 4.5 mm

8698823347550
8698823347567



A550 01 091 0213

AO-INS-213

Tap $\varnothing$ 6.5 mm

8698823347574

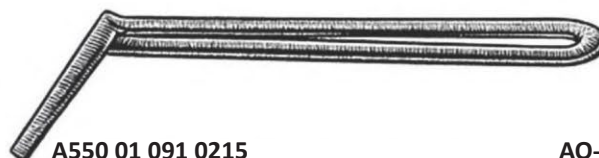


A550 01 091 0214

AO-INS-214

Tap $\varnothing$ 4.5 mm

8698823347581

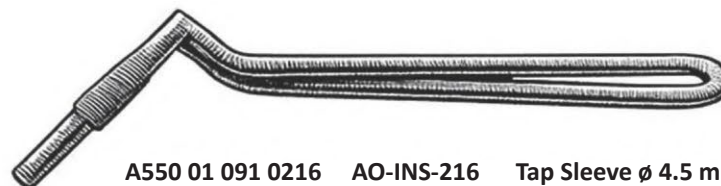


A550 01 091 0215

AO-INS-215

Tap Sleeve $\varnothing$ 3.5 mm also for use o 3.2 mm Drill Guide

8698823347598



A550 01 091 0216

AO-INS-216

Tap Sleeve $\varnothing$ 4.5 mm

8698823347604

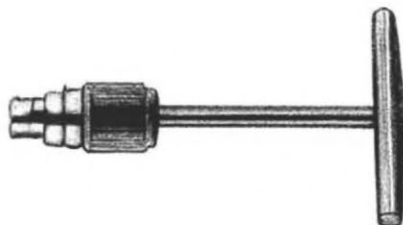


A550 01 091 0217

AO-INS-217

Drill Sleeve for Round Hole Plates

8698823347611



A550 01 091 0218 AO-INS-218 Tap Handle
8698823347628



A550 01 091 0219 AO-INS-219
Countersink ø 4.5 mm tip 8698823347635



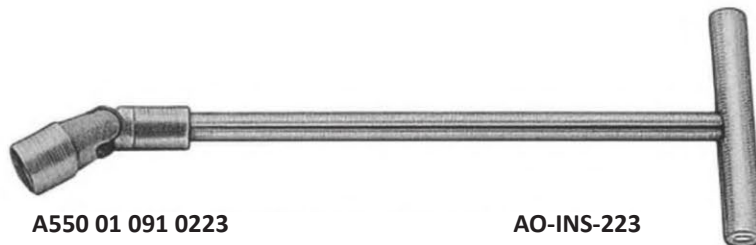
A550 01 091 0220 AO-INS-220
Neutral and Load Drill Guide ø 3.2 mm 8698823347642



A550 01 091 0221 AO-INS-221
Insert Drill Sleeve 4.5 mm / 3.2 mm 8698823347659



A550 01 091 0222 AO-INS-222
Pointed Drill Guide 8698823347666



A550 01 091 0223

AO-INS-223

Socket Wrench width across flats 11 mm

8698823347673



A550 01 091 0224

AO-INS-224

Maileoar Countersink

8698823347680



A550 01 091 0225

AO-INS-225

Hexagonal Screwdriver width across flats 3.5 mm

8698823347697

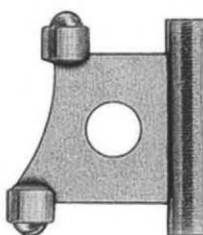


A550 01 091 0226

AO-INS-226

Hexagonal Screwdriver for quick coupling width across flats 3.5 mm

8698823347703



A550 01 091 0227

AO-INS-227

Drill Sleeve for Tension Device

8698823347710



A550 01 091 0228
Combination Wrench width across flat 11 mm

AO-INS-228
8698823347727



A550 01 091 0229
Depth Gauge for 4.5 mm and 6.5 mm $\varnothing$ screws

AO-INS-229
8698823347734



A550 01 091 0231
Screw Forceps

AO-INS-231
8698823347758



A550 01 091 0231
Screw Forceps

AO-INS-231
8698823347758

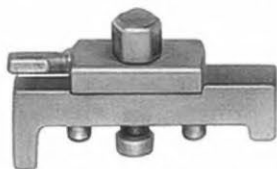


A550 01 091 0232
A550 01 091 0233
A550 01 091 0234

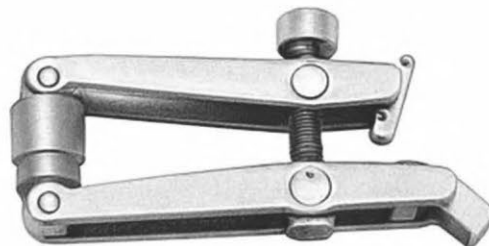
AO-INS-232
AO-INS-233
AO-INS-234

Bending Template 5 holes
Bending Template 7 holes
Bending Template 9 holes

8698823347765
8698823347772
8698823347789



A550 01 091 0235 **AO-INS-235**
8 mm screw-type Compression Device
8698823347796



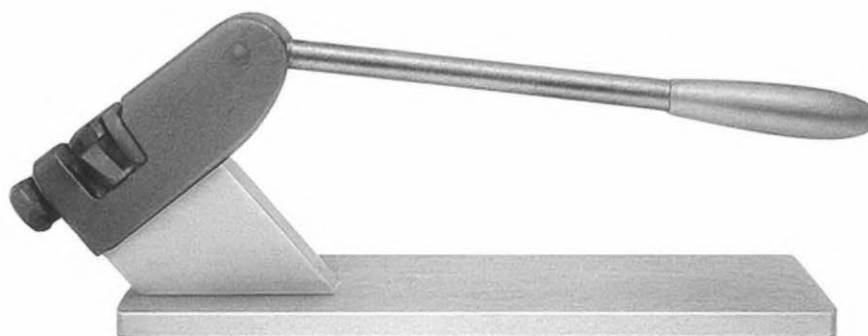
A550 01 091 0236 **AO-INS-236**
Articulated Tension Device with Indicator,
span 20 mm May Also be used for distraction
of standard and small plates
8698823347802



A550 01 091 0237 **AO-INS-237**
Bending Iron for Standard Plates **8698823347819**



A550 01 091 0238 **AO-INS-238**
Pin Wrench for Tension Device and Distractor **8698823347826**



A550 01 091 0239 **AO-INS-239**
Bending Device to bend straight and angled plates **8698823347833**

Small Fragment Instruments



A550 01 091 0300	AO-INS-300	Taps 3.5 mm ϕ / 1.25 mm pitch cortex	8698823347840
A550 01 091 0301	AO-INS-301	Taps 3.5 mm ϕ / 1.75 mm pitch cancellous	8698823347857
A550 01 091 0302	AO-INS-302	Taps 4.0 mm ϕ / 1.75 mm pitch	8698823347864



A550 01 091 0303	AO-INS-303	Tap Handle with quick coupling	8698823347871
------------------	------------	--------------------------------	---------------



A550 01 091 0304	AO-INS-304	Drill Guide and Drill Sleeve for 2.0 mm ϕ drill bit	8698823347888
------------------	------------	--	---------------



A550 01 091 0305	8698823347895	AO-INS-305	Tap Sleeve , 3.5 mm ϕ Drill Sleeve, 2.5 mm ϕ
------------------	---------------	------------	---

A550 01 091 0306	8698823347901	AO-INS-306	Tap Sleeve , 2.0 mm ϕ Drill Sleeve, 2.7 mm ϕ
------------------	---------------	------------	---



A550 01 091 0307	AO-INS-307	8698823347918	Neutral and Load Drill Guide, 3.5 mm For 3.5 mm cortex screws with fine thread used with 2.5 mm ϕ Drill Guide
------------------	------------	---------------	---

Small Fragment Instruments



A550 01 091 0308	AO-INS-308
Drill Bits with end to fit quick coupling 2.5 mm $\varnothing$	8698823347925

A550 01 091 0309	AO-INS-309
Drill Bits with end to fit quick coupling 3.5 mm $\varnothing$	8698823347932



A550 01 091 0310	AO-INS-310
Small Countersink	8698823347949



A550 01 091 0311	AO-INS-311
Small Hexagonal Screw Driver with Holding Sleeve	8698823347956



A550 01 091 0312	AO-INS-312
Small Hexagonal Screw Driver with end to fit quick coupling	8698823347963



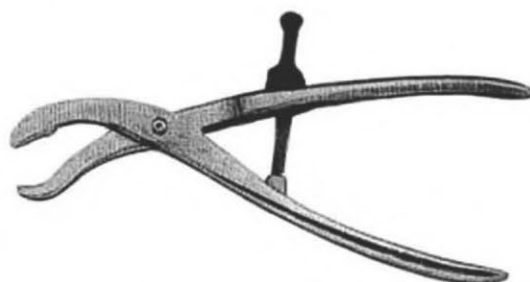
SE-INS-313	Insert Drill Sleeve, 3.5 mm / 2.5 mm $\varnothing$	8698823347970
-------------------	--	----------------------



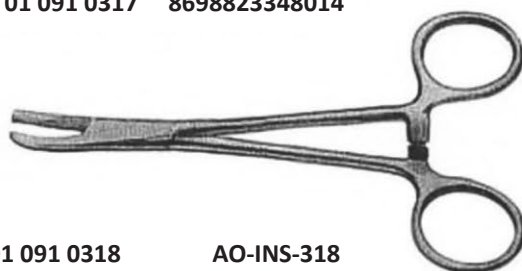
A550 01 091 0313	AO-INS-313
Insert Drill Sleeve, 3.5 mm / 2.5 mm $\varnothing$	8698823347970



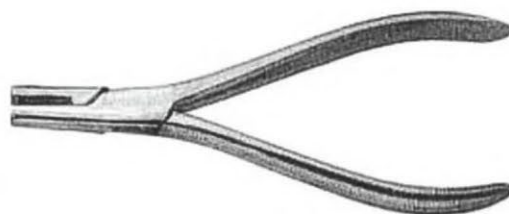
A550 01 091 0315	AO-INS-315	Small Hohmann Retractor 6 mm	8698823347994
A550 01 091 0316	AO-INS-316	Small Hohmann Retractor 8 mm	8698823348007



AO-INS-317	Self-Centering Bone Holding Forceps
A550 01 091 0317	8698823348014



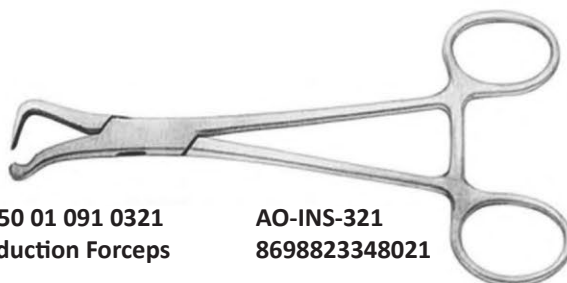
A550 01 091 0318	AO-INS-318
Reduction Forceps	8698823348021



A550 01 091 0319	AO-INS-319
Bending Pliers for 2.7 and 3.5 mm plates	8698823348038



A550 01 091 0320	AO-INS-320
Hohmann Retractor with broad shank	8698823348045



A550 01 091 0321
Reduction Forceps

AO-INS-321
8698823348021



A550 01 091 0322
Depth Gauge for 2.7 - 4.0 mm ø screws

AO-INS-322
8698823348069



A550 01 091 0323
Screw Forceps self holding

AO-INS-323
8698823348076



A550 01 091 0324
Sharp Hook

AO-INS-324
8698823348083



A550 01 091 0325
A550 01 091 0326

AO-INS-325
AO-INS-326

Bending Template for small plates 7 holes
Bending Template for small plates 9 holes

8698823348090
8698823348106



A550 01 091 0327

AO-INS-327

Bending Iron for small plate

8698823348113



A550 01 091 0328

AO-INS-328

Bending Iron for small plates to be used as a pair

8698823348120

Mini Fragment Combined Instruments and Implant Set Instruments for 1.5 and 2.00 mm ϕ Screw



A550 01 091 0400	AO-INS-400	Tap 1.5 mm ϕ (Dental)	8698823348137
A550 01 091 0401	AO-INS-401	Tap 2.0 mm ϕ (Dental)	8698823348144
A550 01 091 0402	AO-INS-402	Tap 2.7 mm ϕ	8698823348151



A550 01 091 0403	AO-INS-403	Drill Bit with end to fit quick coupling 1.1 mm ϕ	8698823348168
A550 01 091 0404	AO-INS-404	Drill Bit with end to fit quick coupling 1.5 mm ϕ	8698823348175
A550 01 091 0405	AO-INS-405	Drill Bit with end to fit quick coupling 2.0 mm ϕ	8698823348182
A550 01 091 0406	AO-INS-406	Drill Bit with end to fit quick coupling 2.7 mm ϕ	8698823348199



A550 01 091 0407	AO-INS-407	Mini Countersink	8698823348205
------------------	------------	------------------	---------------



A550 01 091 0408	AO-INS-408		
Depth Gauge for 1.5 mm and 2.0 mm ϕ screws		8698823348212	



A550 01 091 0409	AO-INS-409	Mini Drill Sleeve for 1.1 mm and 1.5 mm ϕ drill bits	8698823348229
A550 01 091 0410	AO-INS-410	Mini Drill Sleeve for 1.5 mm and 2.0 mm ϕ drill bits	8698823348236



A550 01 091 0411	AO-INS-411		
Small Countersink with end to fit quick coupling		8698823348243	



A550 01 091 0412
Tap Handle with dental coupling

AO-INS-412
8698823348250



A550 01 091 0413
Tap Handle with quick coupling

AO-INS-413
8698823348267



A550 01 091 0414
Small Hexagonal Screwdriver 1.5 mm with holding sleeve

AO-INS-414
8698823348274

A550 01 091 0415
Small Hexagonal Screwdriver 2.5 mm with holding sleeve

AO-INS-415
8698823348281



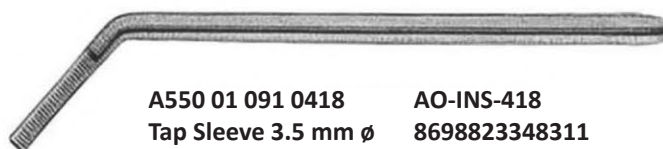
A550 01 091 0416
Periosteal Elevator

AO-INS-416
8698823348298



A550 01 091 0417
Depth Gauge for 2.7 - 4.0 mm ø screws

AO-INS-417
8698823348304



A550 01 091 0418
Tap Sleeve 3.5 mm ø

AO-INS-418
8698823348311



A550 01 091 0419
Sharp Hook

AO-INS-419
8698823348328



A550 01 091 0420

Drill Guide and Drill Sleeve for 2.0 mm ø drill bit

AO-INS-420

8698823348335



A550 01 091 0421

AO-INS-421

Bending Iron

8698823348342

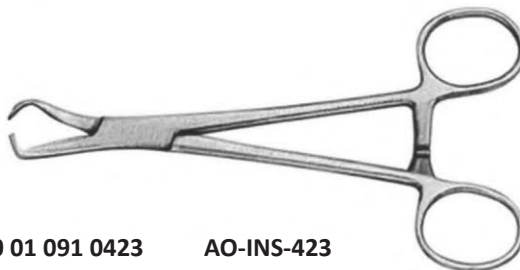


A550 01 091 0422

Hohmann Retractor with broad shank

AO-INS-422

8698823348359



A550 01 091 0423

Holding Forceps

AO-INS-423

8698823348366



A550 01 091 0424

Reduction Forceps with points

AO-INS-424

8698823348373



A550 01 091 0425

AO-INS-425

Hohmann Retractor 6 mm

8698823348380

A550 01 091 0426

AO-INS-425

Hohmann Retractor 8 mm

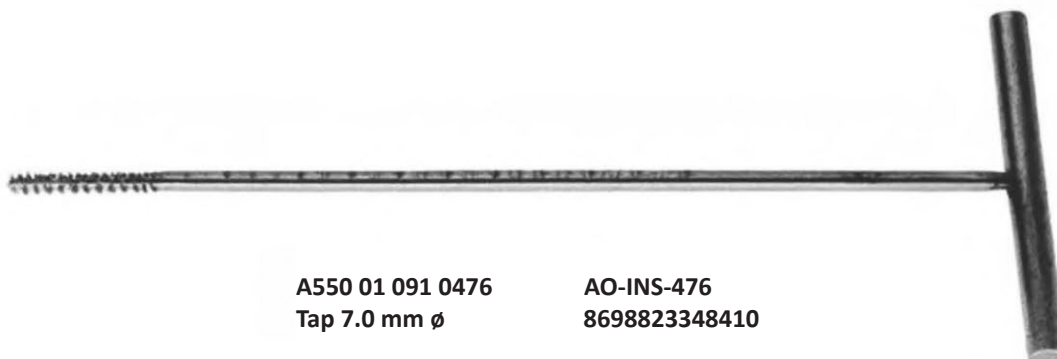
8698823348397

Instruments for 7mm Cannulated Screws



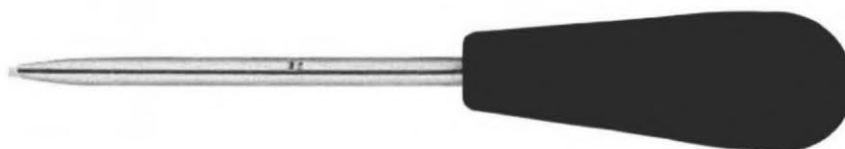
A550 01 091 0475
Drill bit 5.0 mm ϕ

AO-INS-475
8698823348403



A550 01 091 0476
Tap 7.0 mm ϕ

AO-INS-476
8698823348410



A550 01 091 0477
5 mm Screw Driver for 7 mm screws

AO-INS-477
8698823348427

Instruments for Angled Blade Plates



A550 01 091 0480
Triple Drill Guide with fixed angle 130°

AO-INS-480
8698823348434



A550 01 091 0481
Drill Guide round hole plates, long

AO-INS-481
8698823348441



A550 01 091 0482
Reamer with end for quick coupling

AO-INS-482
8698823348458



A550 01 091 0483
Chisel Guide adjustable angle

AO-INS-483
8698823348465



A550 01 091 0484
Inserter Extractor

AO-INS-484
8698823348472



A550 01 091 0485
Seating Chisel

AO-INS-485
8698823348489



A550 01 091 0486
Slotted Hammer

AO-INS-486
8698823348496



A550 01 091 0487
Impactor

AO-INS-487
8698823348502

Instruments for Angled Blade Plates

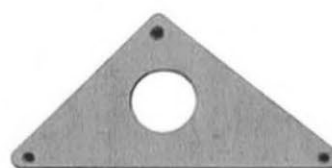


A550 01 091 0488

Triangular Positioning Plate 80°/70°/30°

AO-INS-488

8698823348519



A550 01 091 0489

Triangular Positioning Plate 90°/50°/40°

AO-INS-489

8698823348526



A550 01 091 0490

Triangular Positioning Plate 100°/60°/20°

AO-INS-490

8698823348533



A550 01 091 0491

Quadrangular Positioning Plate 110°/90°/90°/70°

AO-INS-491

8698823348540



A550 01 091 0492

Condylar Plate Guide

AO-INS-492

8698823348557



A550 01 091 0493

Neutral and Loop Hip Drill Guide, Long

AO-INS-493

8698823348564



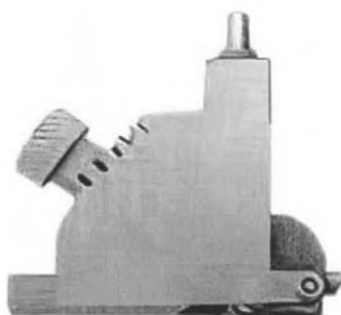
A550 01 091 0500

AO-INS-500

8698823348571

Calibrated Threaded Guide Pin

Ø 2.5 mm 230 mm length, 10 mm Thread



A550 01 091 0501

AO-INS-501

Drill Guide adjustable
to 135°/140°/145°/150°

8698823348588

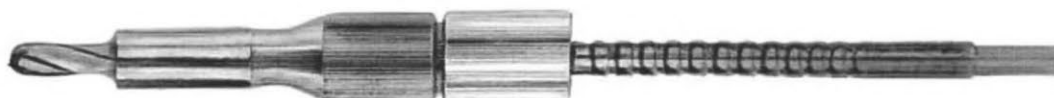


A550 01 091 0502

AO-INS-502

Measuring Gauge

8698823348595



A550 01 091 0503

AO-INS-503

Triple Reamer Complete

8698823348601



A550 01 091 0504

AO-INS-504

Tap

8698823348618



A550 01 091 0505

AO-INS-505

Guide Sleeve Short

8698823348625



A550 01 091 0506

AO-INS-506

Guide Sleeve, Long, for screwing in of the lag screws

8698823348632



A550 01 091 0507

Guide Shaft for insertion of Coupling Screws

AO-INS-507

8698823348649



A550 01 091 0511

Coupling Screw for Femoral Dynamic Hip Screw

AO-INS-511

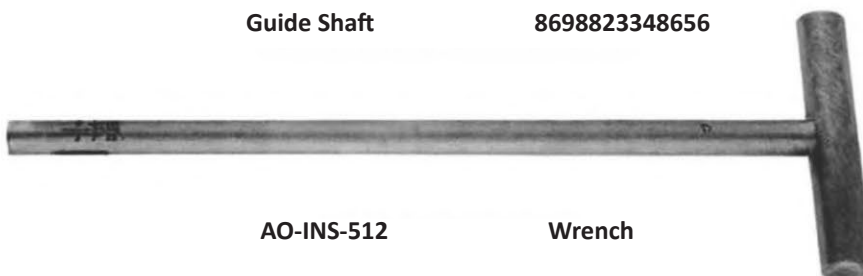


A550 01 091 0508

Guide Shaft

AO-INS-508

8698823348656



AO-INS-512

Wrench

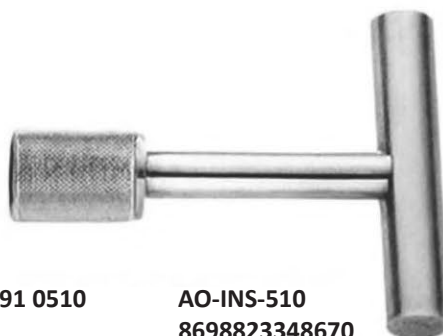


A550 01 091 0509

Impactor

AO-INS-509

8698823348663



A550 01 091 0510

T-Handle

AO-INS-510

8698823348670

Harrington Instrument Set



A550 01 091 0600
AO-INS-600
Driver straight for
Large Hooks
8698823348700



A550 01 091 0601
AO-INS-601
Driver curved for
Large Hooks
8698823348717



A550 01 091 0602
AO-INS-602
Driver straight for
Small Hooks
8698823348724



A550 01 091 0603
AO-INS-603
Driver curved for
Small Hooks
8698823348731



A550 01 091 0604
AO-INS-604
Flat wrench for
Sacral Nuts
8698823348748



A550 01 091 0605
AO-INS-605
Distraction
Rod Clamp
8698823348755



A550 01 091 0606
AO-INS-606
Hook Clamp
Single Locator
8698823348762



A550 01 091 0607
AO-INS-607
Hook Clamp
Double Locator
8698823348779



A550 01 091 0608
AO-INS-608
'C' Ring
Clincher
8698823348786



A550 01 091 0609
AO-INS-609
"C" Spreader
8698823348793



A550 01 091 0610
AO-INS-610
French Rod Bender
8698823348809



Spinal Elevators

AO-INS-611	9 mm broad
AO-INS-612	13 mm broad
AO-INS-613	16 mm broad
AO-INS-614	19 mm broad
A550 01 091 0611	8698823348816
A550 01 091 0612	8698823348823
A550 01 091 0613	8698823348830
A550 01 091 0614	8698823348847



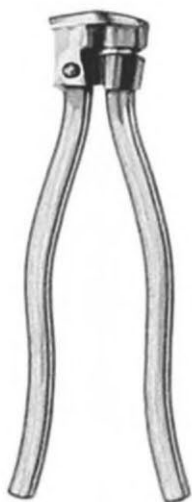
A550 01 091 0615
AO-INS-615
Small Threaded
Rod Clamp
8698823348854



A550 01 091 0616
AO-INS-616
Large Threaded
Rod Clamp
8698823348861



A550 01 091 0617
AO-INS-617
Outrigger
Distraction Unit
8698823348878



A550 01 091 0629
AO-INS-629
Bending Pliers
for 2.7 mm and
3.5 mm Plates
8698823348885



A550 01 091 0625
Bending Templates for curved
Reconstruction Plates 4.5 mm

AO-INS-625
8698823348892

A550 01 091 0626
Bending Templates for straight
Reconstruction Plates 4.5 mm

AO-INS-626
8698823348908

A550 01 091 0627
Bending Templates for curved
Reconstruction Plates 3.5 mm

AO-INS-627
8698823348915

A550 01 091 0628
Bending Templates for straight
Reconstruction Plates 3.5 mm

AO-INS-628
8698823348922



A550 01 091 0630
AO-INS-630
Bending Iron for
3.5mm and
4.5 mm Plates
8698823348939



A550 01 091 0631
Osteotomy Chisels 304 mm 15 mm

AO-INS-631
8698823348946

A550 01 091 0632
Osteotomy Chisels 304 mm 20 mm

AO-INS-632
8698823348953



A550 01 091 0633
Tap Handle for Jacobs Chuck

AO-INS-633
8698823348960



A550 01 091 0634
Sharp Bone Hook

AO-INS-634
8698823348977



A550 01 091 0635
AO-INS-635
Long wide tip for Pelvic
Surgery, width 24 mm
8698823348984



A550 01 091 0636
Pelvic Reposition Forceps
190 mm for Screws 3.5 mm

AO-INS-636
8698823348991

A550 01 091 0637
Pelvic Reposition Forceps
190 mm for Screws 4.5 mm

AO-INS-637
8698823349004



A550 01 091 0638
AO-INS-638
Reduction Forceps
with points 200 mm
8698823349011

Pelvic Instruments



A550 01 091 0642
Pelvic Reposition Forceps 400 mm

AO-INS-642
8698823349028



A550 01 091 0643
Pelvic Reposition Forceps 400 mm

AO-INS-643
8698823349035

Pelvis Reposition Forceps



A550 01 091 0644
AO-INS-644
Straight Ball Spike 12"
8698823349042



A550 01 091 0645
Schanze Screws $\varnothing$ 6 mm 200 mm

AO-INS-645
8698823349059



A550 01 091 0646
Reposition Forceps

AO-INS-646
8698823349066



A550 01 091 0700 8698823349073
Kern Baby Bone Holding Forceps 160 mm with ratchet AO-INS-700

A550 01 091 0701 8698823349080
Kern Baby Bone Holding Forceps 160 mm without ratchet AO-INS-701

A550 01 091 0702 8698823349097
Kern Bone Holding Forceps 210 mm with ratchet AO-INS-702

A550 01 091 0703 8698823349103
Kern Bone Holding Forceps 210 mm without ratchet AO-INS-703



A550 01 091 0707 AO-INS-707
Farabeuf-Lambotte Bone Holding Forceps 260 mm with ratchet 8698823349141

A550 01 091 0708 AO-INS-708
Farabeuf-Lambotte Bone Holding Forceps 260 mm without ratchet 8698823349158



A550 01 091 0704 AO-INS-704
Lane Bone Holding Forceps 330 mm with ratchet 8698823349110

A550 01 091 0705 AO-INS-705
Lane Bone Holding Forceps 330 mm without ratchet 8698823349127

A550 01 091 0706 AO-INS-706
Lane Bone Holding Forceps 450 mm without ratchet 8698823349134



A550 01 091 0709 AO-INS-709
Lambotte Bone Holding Forceps 220 mm 8698823349165

A550 01 091 0710 AO-INS-710
Lambotte Bone Holding Forceps 270 mm 8698823349172

A550 01 091 0711 AO-INS-711
Lambotte Bone Holding Forceps 330 mm 8698823349189



A550 01 091 0712
Verbrügge Bone Holding Forceps 175 mm

AO-INS-712
8698823349196



A550 01 091 0713
Verbrügge Bone Holding Forceps 250 mm

AO-INS-713
8698823349202

A550 01 091 0714
Verbrügge Bone Holding Forceps 260 mm

AO-INS-714
8698823349219

A550 01 091 0715
Verbrügge Bone Holding Forceps 270 mm

AO-INS-715
8698823349226



A550 01 091 0716 AO-INS-716
Reduction Forceps with Thread Lock 240 mm
8698823349233



A550 01 091 0717 AO-INS-717
Reduction Forceps with Thread Lock 160 mm
8698823349240



A550 01 091 0718 AO-INS-718
Ferguson Bone Holding Forceps 230 mm
8698823349257

Self-Centering Bone Holding Forceps with Thread Lock



A550 01 091 0719
AO-INS-719
For small Fragments 150 mm, jaw 9 mm
8698823349264

A550 01 091 0720
AO-INS-720
Size 0
190 mm, extra small jaw 10 mm
8698823349271

A550 01 091 0721
AO-INS-721
Size 1
240 mm, extra small jaw 14 mm
8698823349288

A550 01 091 0722
AO-INS-722
Size 2
260 mm, extra small jaw 18 mm
8698823349295

A550 01 091 0723
AO-INS-723
Size 3
280 mm, extra small jaw 23 mm
8698823349301



A550 01 091 0724
Lewin 190 mm

AO-INS-724
8698823349318



A550 01 091 0725
Semb 200 mm

A550 01 091 0726
Semb 200 mm with ratchet

AO-INS-725
8698823349325

AO-INS-726
8698823349332



A550 01 091 0727
Reposition Forceps for
small Fragments 135 mm

AO-INS-727

8698823349349



A550 01 091 0728
AO-INS-728
Forceps with ratchet
Fixation 145 mm
8698823349356



A550 01 091 0729
AO-INS-729
Reil 170 mm
8698823349363



A550 01 091 0730
AO-INS-730
Reduction Forceps
with points 200 mm
8698823349370



A550 01 091 0731
Lowmann Bone Clamp 130 mm

A550 01 091 0732
Lowmann Bone Clamp 185 mm

A550 01 091 0733
Lowmann Bone Clamp 200 mm

AO-INS-731
8698823349387

AO-INS-732
8698823349394

AO-INS-733
8698823349400



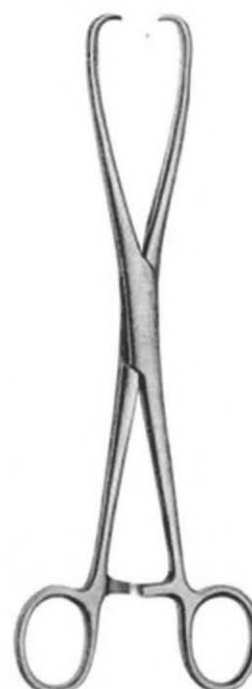
A550 01 091 0734
Reposition Forceps 230 mm

AO-INS-734
8698823349417



A550 01 091 0735
200 mm

AO-INS-735
8698823349424



A550 01 091 0736
Malleolar Forceps

AO-INS-736
8698823349431



A550 01 091 0737
For fingers, with Drill
Guide for Kirschner Wires
up to $\varnothing$ 1mm 170 mm

AO-INS-737
8698823349448



A550 01 091 0738
Holding Forceps
for mini 135 mm

AO-INS-738
8698823349455



A550 01 091 0739
Ulrich 230 mm

AO-INS-739
8698823349462

A550 01 091 0740
Ulrich 250 mm

AO-INS-740
8698823349479

A550 01 091 0741
Ulrich 280 mm

AO-INS-741
8698823349486

A550 01 091 0742
Mini 190 mm

AO-INS-742
8698823349493



A550 01 091 0743
Ulrich 260 mm

AO-INS-743
8698823349509

Standard Retractors



A550 01 091 0744
AO-INS-744
Small, width 6 mm
short, narrow tip
8698823349516



A550 01 091 0745
AO-INS-745
Small, width 8 mm
short, narrow tip
8698823349523



A550 01 091 0746
AO-INS-746
For Small Fragments
with broad shank
8698823349530



A550 01 091 0747
AO-INS-747
Width 6 mm short,
narrow tip
8698823349547



A550 01 091 0748
AO-INS-748
width 18 mm short, narrow tip
8698823349554



A550 01 091 0750
AO-INS-750
width 43 mm narrow tip
8698823349578



A550 01 091 0752
AO-INS-752
width 18 mm long shank, angled
8698823349592

A550 01 091 0749
AO-INS-749
width 18 mm long, narrow tip
8698823349561

A550 01 091 0751
AO-INS-751
width 70 mm narrow tip
8698823349585



A550 01 091 0753
AO-INS-753
width 22 mm wide tip
8698823349608



A550 01 091 0754
AO-INS-754
long wide tip for Hip Surgery , width 24 mm
8698823349615

Bone Hammers



A550 01 091 0755

ø 30 mm / 215 g with interchangeable plastic disks 250 mm

AO-INS-755

8698823349622



A550 01 091 0756

Weight approx: 350 g

AO-INS-756

8698823349639

A550 01 091 0757

Weight approx: 500 g (Standard size)

AO-INS-757

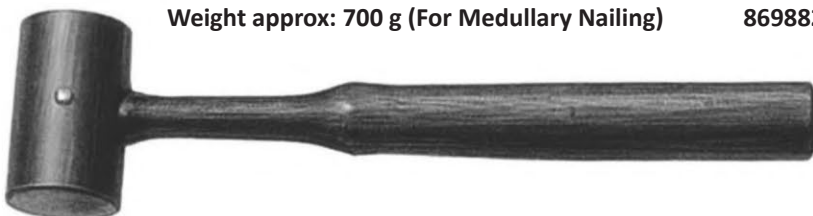
8698823349646

A550 01 091 0758

Weight approx: 700 g (For Medullary Nailing)

AO-INS-758

8698823349653



A550 01 091 0759

ø 42 mm, 250 mm

Material Ferrozell can be sterilized in an autoclave at 3 bar overpressure (143°C)

AO-INS-759

8698823349660



A550 01 091 0760

18.0 cm length, ø 30 mm, 125 g (4 oz)

Material Ferrozell can be sterilized in an autoclave at 3 bar overpressure (143°C)

AO-INS-760

8698823349677

Periosteal Elevators
with synthetic handle, autoclavable



A550 01 091 0761
AO-INS-761
Medium straight blade
round edge, width 14 mm
8698823349684



A550 01 091 0762
AO-INS-762
Medium curved blade
round edge, width 14 mm
8698823349691



A550 01 091 0763
AO-INS-763
Large straight blade round
edge, width 30 mm
8698823349707



A550 01 091 0764
AO-INS-764
Small curved blade round edge,
width 6 mm
8698823349714



A550 01 091 0765
AO-INS-765
Small curved blade straight
edge, width 6 mm
8698823349721



A550 01 091 0766
AO-INS-766
Extra small curved blade
straight edge, width 3 mm
8698823349738



A550 01 091 0771 AO-INS-771
Chisel Handle 8698823349783

A550 01 091 0767 8698823349745
A550 01 091 0768 8698823349752
A550 01 091 0769 8698823349769
A550 01 091 0770 8698823349776



AO-INS-767 Chisel Blade 10 mm
AO-INS-768 Chisel Blade 16 mm
AO-INS-769 Chisel Blade 25 mm
AO-INS-770 Chisel Blade 5 mm



A550 01 091 0772 AO-INS-772
Wrench for Chisel Handle 8698823349790

A550 01 091 0773
A550 01 091 0774
A550 01 091 0775



8698823349806
8698823349813
8698823349820

Mini-Lambotte

AO-INS-773 170 mm length 2 mm width
AO-INS-774 170 mm length 5 mm width
AO-INS-775 170 mm length 10 mm width



AO-INS-776 straight 5 mm
AO-INS-777 straight 10 mm
AO-INS-778 straight 15 mm

A550 01 091 0776 8698823349837
A550 01 091 0777 8698823349844
A550 01 091 0778 8698823349851



AO-INS-779 curved 5 mm
AO-INS-780 curved 10 mm
AO-INS-781 curved 15 mm

A550 01 091 0779 8698823349868
A550 01 091 0780 8698823349875
A550 01 091 0781 8698823349852



AO-INS-782 flat 10 mm
AO-INS-783 flat 15 mm
AO-INS-784 flat 20 mm
AO-INS-785 flat 25 mm

A550 01 091 0782 8698823349899
A550 01 091 0783 8698823349905
A550 01 091 0784 8698823349912
A550 01 091 0785 8698823349929



AO-INS-786 hollow 10 mm
AO-INS-787 hollow 15 mm
AO-INS-788 hollow 20 mm
AO-INS-789 hollow 25 mm

A550 01 091 0786 8698823349936
A550 01 091 0787 8698823349943
A550 01 091 0788 8698823349950
A550 01 091 0789 8698823349967

Bone Surgery Bone Chisel and Gouges



A550 01 091 0790
Smith Peterson 6 mm

A550 01 091 0791
Smith Peterson 9 mm

A550 01 091 0792
Smith Peterson 12 mm

A550 01 091 0793
Smith Peterson 15 mm

A550 01 091 0794
Smith Peterson 20 mm

A550 01 091 0795
Smith Peterson 25 mm

A550 01 091 0796
Smith Peterson 30 mm

AO-INS-790
8698823349974

AO-INS-791
8698823349981

AO-INS-792
8698823349998

AO-INS-793
8698823350000

AO-INS-794
8698823350017

AO-INS-795
8698823350024

AO-INS-796
8698823350031



A550 01 091 0797
Smith Peterson curved 6 mm

A550 01 091 0798
Smith Peterson curved 9 mm

A550 01 091 0799
Smith Peterson curved 12 mm

A550 01 091 0800
Smith Peterson curved 15 mm

A550 01 091 0801
Smith Peterson curved 20 mm

A550 01 091 0802
Smith Peterson curved 25 mm

A550 01 091 0803
Smith Peterson curved 30 mm

AO-INS-797
8698823350048

AO-INS-798
8698823350055

AO-INS-799
8698823350062

AO-INS-800
8698823350079

AO-INS-801
8698823350086

AO-INS-802
8698823350093

AO-INS-803
8698823350109



A550 01 091 0804
Smith Peterson Gouge 6 mm

A550 01 091 0805
Smith Peterson Gouge 9 mm

A550 01 091 0806
Smith Peterson Gouge 12 mm

A550 01 091 0807
Smith Peterson Gouge 15 mm

A550 01 091 0808
Smith Peterson Gouge 20 mm

A550 01 091 0809
Smith Peterson Gouge 25 mm

A550 01 091 0810
Smith Peterson Gouge 30 mm

AO-INS-804
8698823350116

AO-INS-805
8698823350123

AO-INS-806
8698823350130

AO-INS-807
8698823350147

AO-INS-808
8698823350154

AO-INS-809
8698823350161

AO-INS-810



A550 01 091 0811
Smith Peterson curved Gouge 6 mm

A550 01 091 0812
Smith Peterson curved Gouge 9 mm

A550 01 091 0813
Smith Peterson curved Gouge 12 mm

A550 01 091 0814
Smith Peterson curved Gouge 15 mm

A550 01 091 0815
Smith Peterson curved Gouge 20 mm

A550 01 091 0816
Smith Peterson curved Gouge 25 mm

A550 01 091 0817
Smith Peterson curved Gouge 30 mm

AO-INS-811
8698823350185

AO-INS-812
8698823350192

AO-INS-813
8698823350208

AO-INS-814
8698823350215

AO-INS-815
8698823350222

AO-INS-816
8698823350239

AO-INS-817
8698823350246



A550 01 091 0818 Stille 10 mm	AO-INS-818 8698823350253
A550 01 091 0819 Stille 12 mm	AO-INS-819 8698823350260
A550 01 091 0820 Stille 15 mm	AO-INS-820 8698823350277
A550 01 091 0821 Stille 20 mm	AO-INS-821 8698823350284
A550 01 091 0822 Stille 25 mm	AO-INS-822 8698823350291



A550 01 091 0823 Stille Gouge 10 mm	AO-INS-823 8698823350307
A550 01 091 0824 Stille Gouge 12 mm	AO-INS-824 8698823350314
A550 01 091 0825 Stille Gouge 15 mm	AO-INS-825 8698823350321
A550 01 091 0826 Stille Gouge 20 mm	AO-INS-826 8698823350338
A550 01 091 0827 Stille Gouge 25 mm	AO-INS-827 8698823350345



A550 01 091 0828 Lambotte 10 mm	AO-INS-828 8698823350352
A550 01 091 0829 Lambotte 12 mm	AO-INS-829 8698823350369
A550 01 091 0830 Lambotte 15 mm	AO-INS-830 8698823350376
A550 01 091 0831 Lambotte 20 mm	AO-INS-831 8698823350383
A550 01 091 0832 Lambotte 25 mm	AO-INS-832 8698823350390
A550 01 091 0833 Lambotte 30 mm	AO-INS-833 8698823350406
A550 01 091 0834 Lambotte 38 mm	AO-INS-834 8698823350413
A550 01 091 0835 Lambotte 44 mm	AO-INS-835 8698823350420
A550 01 091 0836 Lambotte 50 mm	AO-INS-836 8698823350437



A550 01 091 0837 Lambotte Curved 10 mm	AO-INS-837 8698823350444
A550 01 091 0838 Lambotte Curved 12 mm	AO-INS-838 8698823350451
A550 01 091 0839 Lambotte Curved 15 mm	AO-INS-839 8698823350468
A550 01 091 0840 Lambotte Curved 20 mm	AO-INS-840 8698823350475
A550 01 091 0841 Lambotte Curved 25 mm	AO-INS-841 8698823350482
A550 01 091 0842 Lambotte Curved 30 mm	AO-INS-842 8698823350499
A550 01 091 0843 Lambotte Curved 38 mm	AO-INS-843 8698823350505
A550 01 091 0844 Lambotte Curved 44 mm	AO-INS-844 8698823350512
A550 01 091 0845 Lambotte Curved 50 mm	AO-INS-845 8698823350529

Chisels, Periosteal Raspatories



A550 01 091 0846
AO-INS-846
Mini Lexer 18 cm
8698823350536



A550 01 091 0847
AO-INS-847
Mini Lexer 18 cm
8698823350543



A550 01 091 0848
AO-INS-848
Langenbeck 18 cm
8698823350550



A550 01 091 0849
AO-INS-849
Langenbeck 18 cm
8698823350567



A550 01 091 0850
AO-INS-850
Farebeuf
8698823350574



A550 01 091 0851
AO-INS-851
Farebeuf
8698823350581



A550 01 091 0852
5 mm
A550 01 091 0853
6 mm
A550 01 091 0854
7 mm

AO-INS-852
8698823350598
AO-INS-853
8698823350604
AO-INS-854
8698823350611



A550 01 091 0855

AO-INS-855

Wire Tightener

8698823350628



A550 01 091 0856
AO-INS-856
Bending Iron for Kirschner Wires
8698823350635



A550 01 091 0857
AO-INS-857
Pliers with serrated jaws and groove
8698823350642



A550 01 091 0859
AO-INS-859
Rounded Pliers with serrated jaws
8698823350666

A550 01 091 0858
AO-INS-858
Pliers with serrated jaws without groove
8698823350659



A550 01 091 0860
Loute 22 cm Bone Wire Tightener

AO-INS-860
8698823350673



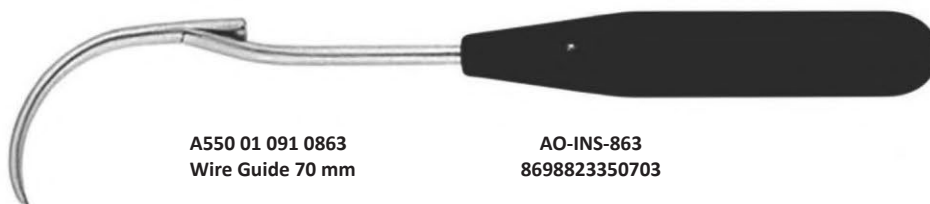
A550 01 091 0861
Demel 28 cm Bone Wire Tightener

AO-INS-861
8698823350680



A550 01 091 0862
Wire Guide 45 mm

AO-INS-862
8698823350697



A550 01 091 0863
Wire Guide 70 mm

AO-INS-863
8698823350703



A550 01 091 0864
Wire Tightener

AO-INS-864
8698823350710



A550 01 091 0865
Extraction Pliers for boring wire 130 mm

AO-INS-865
8698823350727



A550 01 091 0867
Extraction Pliers for wire 180 mm

AO-INS-867
8698823350741

A550 01 091 0866
Extraction Pliers for boring wire 180 mm

AO-INS 866
8698823350734

A550 01 091 0868
Extraction Pliers TC jaws

AO-INS-868
8698823350758



A550 01 091 0869
Vise Grip 180 mm Chrom Vanadium

AO-INS-869
8698823350765

A550 01 091 0870
Vise Grip 180 mm Stainless Stell

AO-INS-870
8698823350772

A550 01 091 0871
Vise Grip 200 mm Stainless Stell

AO-INS-871
8698823350789

A550 01 091 0872
Vise Grip 240 mm Stainless Stell

AO-INS-872
8698823350796



A550 01 091 0873
Flat-nosed Pliers, parallel
with lateral Wire Cutter, 180 mm Chrom Vanadium Steel

AO-INS-873
8698823350802

A550 01 091 0874
Flat-nosed Pliers, parallel
without lateral Wire Cutter, 180 mm Chrom Vanadium Steel

AO-INS-874
8698823350819

A550 01 091 0875
Flat-nosed Pliers, parallel
without lateral Wire Cutter, 180 mm Stainless Steel

AO-INS-875
8698823350826

A550 01 091 0876
Flat-nosed Pliers, parallel
with lateral Wire Cutter, 180 mm Chrom Vanadium Steel

AO-INS-876
8698823350833

Extraction Instruments



A550 01 091 0877
Extraction Pliers, 190 mm TC

AO-INS-877
8698823350840



A550 01 091 0878
Extraction Pliers, 200 mm TC

AO-INS-878
8698823350857

Wire Cutters



A550 01 091 0879
AO-INS-879
TC 180 mm soft wire 2.0 mm hard wire 1.5 mm
8698823350864



A550 01 091 0880
AO-INS-880
180 mm frontal and lateral cutting
action TC soft wire 2.0 mm hard wire 1.5 mm
8698823350871



A550 01 091 0881
AO-INS-881
Wire Cutter 220 mm TC soft wire 3.0 mm
hard wire 2.5 mm
8698823350888



A550 01 091 0882
AO-INS-882
Wire Cutter 220 mm TC soft wire 2.5 mm
hard wire 2.2 mm
8698823350895

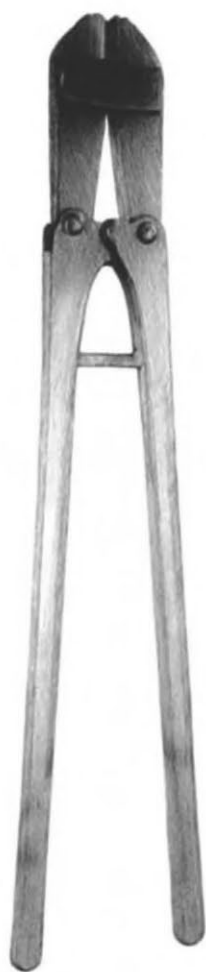


A550 01 091 0883
AO-INS-883
Wire Cutter TC 140 mm soft wire 1.2 mm
hard wire 0.8 mm
8698823350901



A550 01 091 0884
AO-INS-884
Wire Cutter TC 140 mm soft wire 3.0 mm
hard wire 2.5 mm
8698823350918

Wire Cutters



A550 01 091 0885
 AO-INS-885
 Cutter for cutting of Kirschner
 wires Steinmann Pins up to
 6 mm Ø hard 540 mm TC
 8698823350925



A550 01 091 0887
 AO-INS-887
 575 mm Hard wire 6.0 mm
 8698823350949



A550 01 091 0888
 AO-INS-888
 260 mm Hard wire 3.5 mm
 8698823350956

A550 01 091 0886
 AO-INS-886
 Cutter for cutting of Kirschner
 wires Steinmann Pins up to
 6 mm Ø hard 460 mm TC
 8698823350932

Bone Cutting Forceps



Liston Bone Cutting Forceps

AO-INS-889	140 mm straight
AO-INS-890	140 mm curved
AO-INS-891	70 mm straight
AO-INS-892	170 mm curved
AO-INS-893	190 mm straight
AO-INS-894	190 mm curved
AO-INS-895	220 mm straight
AO-INS-896	220 mm curved

AO-INS-898
AO-INS-899

Ruskin-Liston 190 mm straight
Ruskin-Liston 190 mm curved

AO-INS-900
AO-INS-901

Stille-Liston 270 straight
Stille-Liston 270 curved

A550 01 091 0889
A550 01 091 0890
A550 01 091 0891
A550 01 091 0892
A550 01 091 0893
A550 01 091 0894
A550 01 091 0895

8698823350963
8698823350970
8698823350987
8698823350994
8698823351007
8698823351014
8698823351021

A550 01 091 0896
A550 01 091 0898
A550 01 091 0899
A550 01 091 0900
A550 01 091 0901

8698823351038
8698823351045
8698823351052
8698823351069
8698823351076



A550 01 091 0902
Stille Horsley 270 mm

AO-INS-902
8698823351083

A550 01 091 0903
Stille Semb 270 mm

AO-INS-903
8698823351090

A550 01 091 0904
Böhler 150 mm straight

AO-INS-904
8698823351106

A550 01 091 0905
Böhler 150 mm curved

AO-INS-905
8698823351113

Bone Rongeur Forceps



A550 01 091 0916
Stille Ruskin 240 mm curved

AO-INS-916
8698823351229



A550 01 091 0917
Zaufal Jansen 190 mm curved

AO-INS-917
8698823351236



A550 01 091 0918
Böhler Rongeur 150 mm straight

AO-INS-918
8698823351243

A550 01 091 0919
Böhler Rongeur 150 mm curved

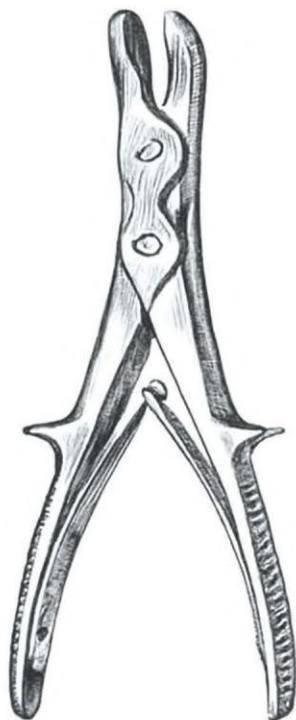
AO-INS-919
8698823351250



A550 01 091 0920
Beyer Rongeur, curved

AO-INS-920
8698823351267

Bone Rongeur Forceps



A550 01 091 0916
Stille Ruskin 240 mm curved

AO-INS-916
8698823351229



A550 01 091 0917
Zaufal Jansen 190 mm curved

AO-INS-917
8698823351236



A550 01 091 0918
Böhler Rongeur 150 mm straight

AO-INS-918
8698823351243

A550 01 091 0919
Böhler Rongeur 150 mm curved

AO-INS-919
8698823351250



A550 01 091 0920
Beyer Rongeur, curved

AO-INS-920
8698823351267

Bone Rongeur Forceps



A550 01 091 0921
Luer 170 mm straight

AO-INS-921
8698823351274

A550 01 091 0922
Luer 170 mm curved

AO-INS-922
8698823351281



A550 01 091 0923
Lempert 190 mm straight

AO-INS-923
8698823351298

A550 01 091 0924
Lempert 190 mm curved

AO-INS-924
8698823351304



A550 01 091 0925
Lempert 160 mm straight

AO-INS-925
8698823351311

A550 01 091 0926
Lempert 160 mm curved

AO-INS-926
8698823351328

Plaster Instruments



A550 01 091 0927 AO-INS-927
Engel 8698823351335



A550 01 091 0928 AO-INS-928
Stille 26 cm 8698823351342

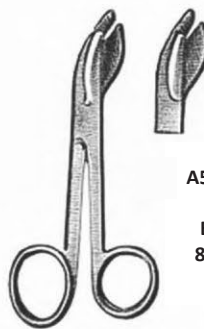
A550 01 091 0929 AO-INS-929
Stille 37 mm 8698823351359



A550 01 091 0930
AO-INS-930
Esmarch 18.0 cm
8698823351366



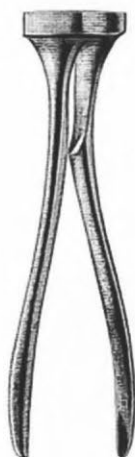
A550 01 091 0931
AO-INS-931
Mod Seulin 21.0 cm
8698823351373



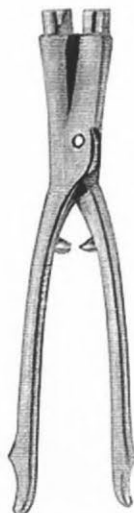
A550 01 091 0933
AO-INS-933
Bruns serrated
8698823351397

A550 01 091 0932
AO-INS-932
Bruns
8698823351380

Plaster Instruments



A550 01 091 0934
AO-INS-934
Hennig
8698823351403



A550 01 091 0935
AO-INS-935
Stryker
8698823351410

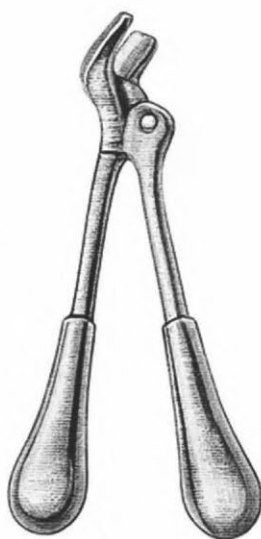


A550 01 091 0936
Wolff Böhler 18.0 cm

A550 01 091 0937
Wolff Böhler 24.0 cm

AO-INS-936
8698823351427

AO-INS-937
8698823351434

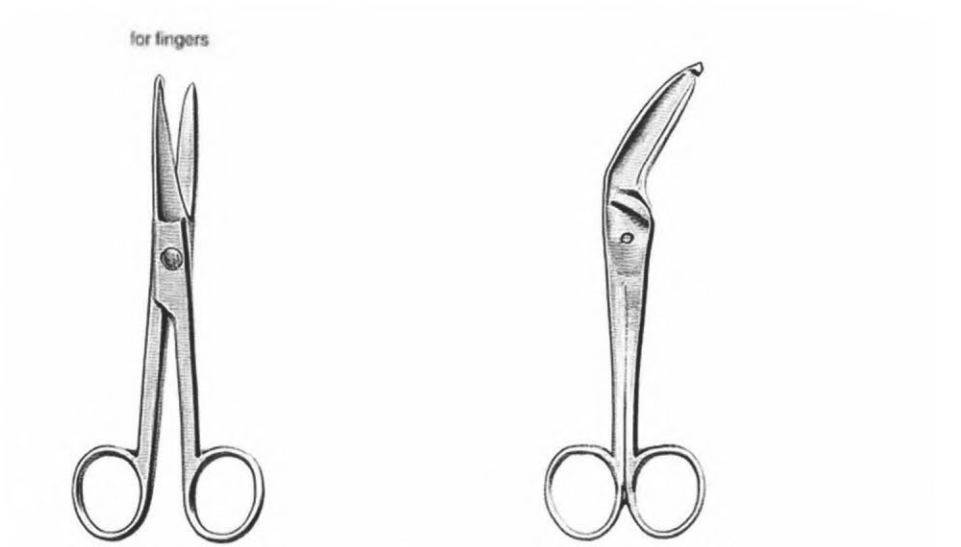


A550 01 091 0938
AO-INS-938
Stille Miniatur 20.0 cm
8698823351441



A550 01 091 0939
AO-INS-939
Wolff-Böhler Miniatur
8698823351458

Plaster Instruments



A550 01 091 0940
Knowles 14.0 cm

AO-INS-940
8698823351465

A550 01 091 0941
Lister Exentric 19.0 cm

AO-INS-941
8698823351472



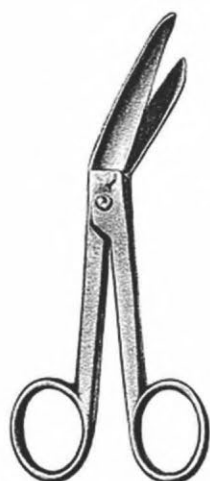
A550 01 091 0942
Lorenz 23.0 cm

AO-INS-942
8698823351489

A550 01 091 0943
20.0 cm

AO-INS-943
8698823351496

Plaster Instruments



A550 01 091 0944
Lister 14.0 cm

AO-INS-944
8698823351502



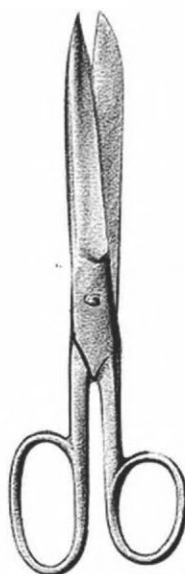
A550 01 091 0947
AO-INS-947
Bergmann 23.0 cm
8698823351533

A550 01 091 0945
Lister 18.0 cm

AO-INS-945
8698823351519

A550 01 091 0946
Lister 20.0 cm

AO-INS-946
8698823351526



A550 01 091 0948
Smith Mod USA 18.0 cm

AO-INS-948
8698823351540

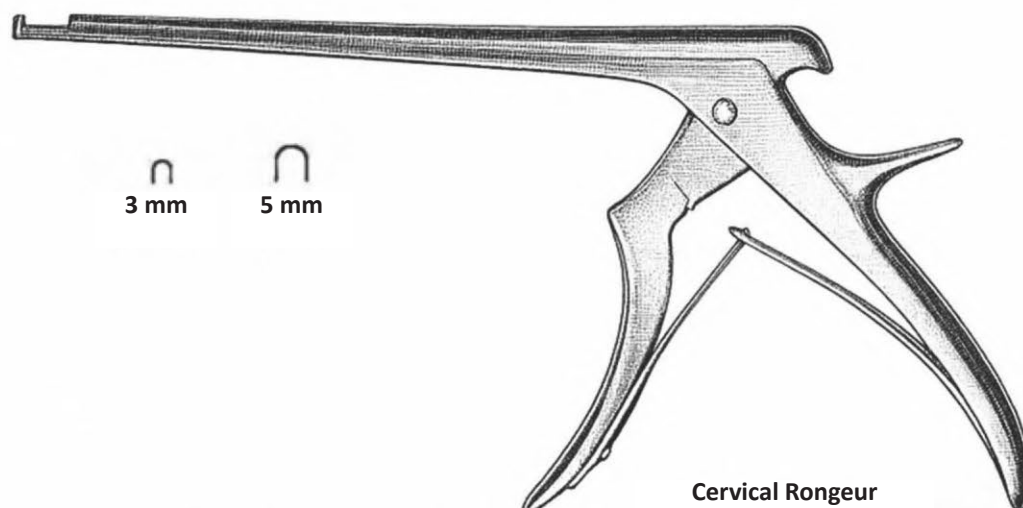
A550 01 091 0949
Smith Mod USA 20.0 cm

AO-INS-949
8698823351557

A550 01 091 0950
Smith Mod USA 23.0 cm

AO-INS-950
8698823351564

Neuro Surgery



Cervical Rongeur

Micro - Kerrison

90° Up-Cutting Shaft 200 mm

A550 01 091 0951 "Cervical Rongeur 90° up-cutting Shaft 200 mm Bite 3 mm"	AO-INS-951 8698823351571
--	---------------------------------

A550 01 091 0952 "Cervical Rongeur 90° up-cutting Shaft 200 mm Bite 5 mm"	AO-INS-952 8698823351588
--	---------------------------------

90° Down-Cutting Shaft 200 mm

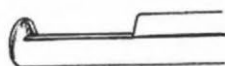
A550 01 091 0955 "Cervical Rongeur 90° down-cutting Shaft 200 mm Bite 3 mm"	AO-INS-955 8698823351595
--	---------------------------------

A550 01 091 0956 "Cervical Rongeur 90° down-cutting Shaft 200 mm Bite 5 mm"	AO-INS-956 8698823351601
--	---------------------------------

40° Up-Cutting Shaft 200 mm

A550 01 091 0959 "Cervical Rongeur 40° up-cutting Shaft 200 mm Bite 3 mm"	AO-INS-959 8698823351618
--	---------------------------------

A550 01 091 0960 "Cervical Rongeur 40° up-cutting Shaft 200 mm Bite 5 mm"	AO-INS-960 8698823351625
--	---------------------------------



90° Up-Cutting Shaft 180 mm

A550 01 091 0953 "Micro-Kerrison 90° up-cutting Shaft 180 mm Bite 1 mm"	AO-INS-953 8698823351632
--	---------------------------------

A550 01 091 0954 "Micro-Kerrison 90° up-cutting Shaft 180 mm Bite 2 mm"	AO-INS-954 8698823351649
--	---------------------------------

90° Down-Cutting Shaft 180 mm

A550 01 091 0957 "Micro-Kerrison 90° down-cutting Shaft 180 mm Bite 1 mm "	AO-INS-957 8698823351656
---	---------------------------------

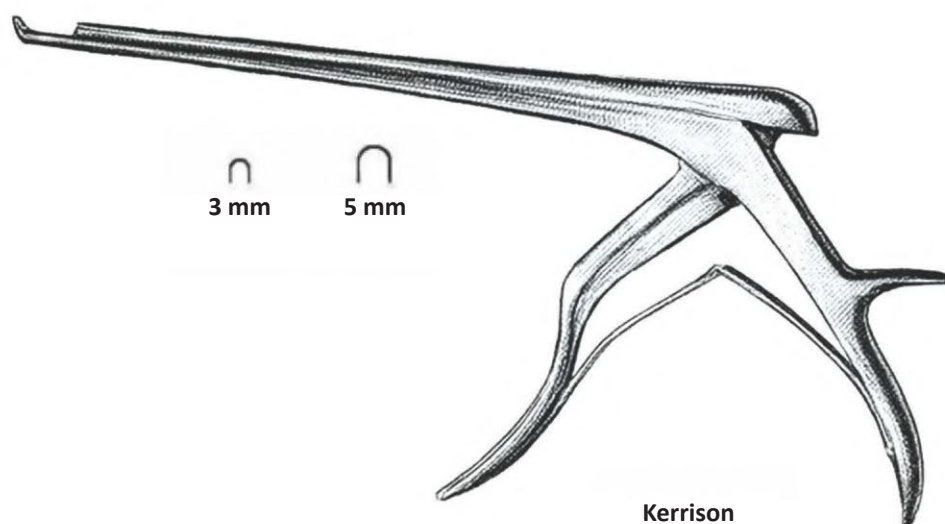
A550 01 091 0958 "Micro-Kerrison 90° down-cutting Shaft 180 mm Bite 2 mm "	AO-INS-958 8698823351663
---	---------------------------------

40° Up-Cutting Shaft 180 mm

A550 01 091 0961 "Micro-Kerrison 40° up-cutting Shaft 180 mm Bite 1 mm"	AO-INS-961 8698823351670
--	---------------------------------

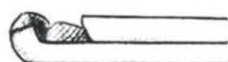
A550 01 091 0962 "Micro-Kerrison 40° up-cutting Shaft 180 mm Bite 2 mm"	AO-INS-962 8698823351687
--	---------------------------------

Neuro Surgery



40°

Up-Cutting Shaft 200 mm



A550 01 091 0963	AO-INS-963
"Kerrison 40° up-cutting Shaft 200 mm	
Bite 3 mm"	8698823351694

A550 01 091 0964	AO-INS-964
"Kerrison 40° up-cutting Shaft 200 mm	
Bite 5 mm"	8698823351700

90°

Up-Cutting Shaft 200 mm



A550 01 091 0965	AO-INS-965
"Kerrison 90° up-cutting Shaft 200 mm	
Bite 3 mm"	8698823351717

A550 01 091 0966	AO-INS-966
"Kerrison 90° up-cutting Shaft 200 mm	
Bite 5 mm"	8698823351724

90°

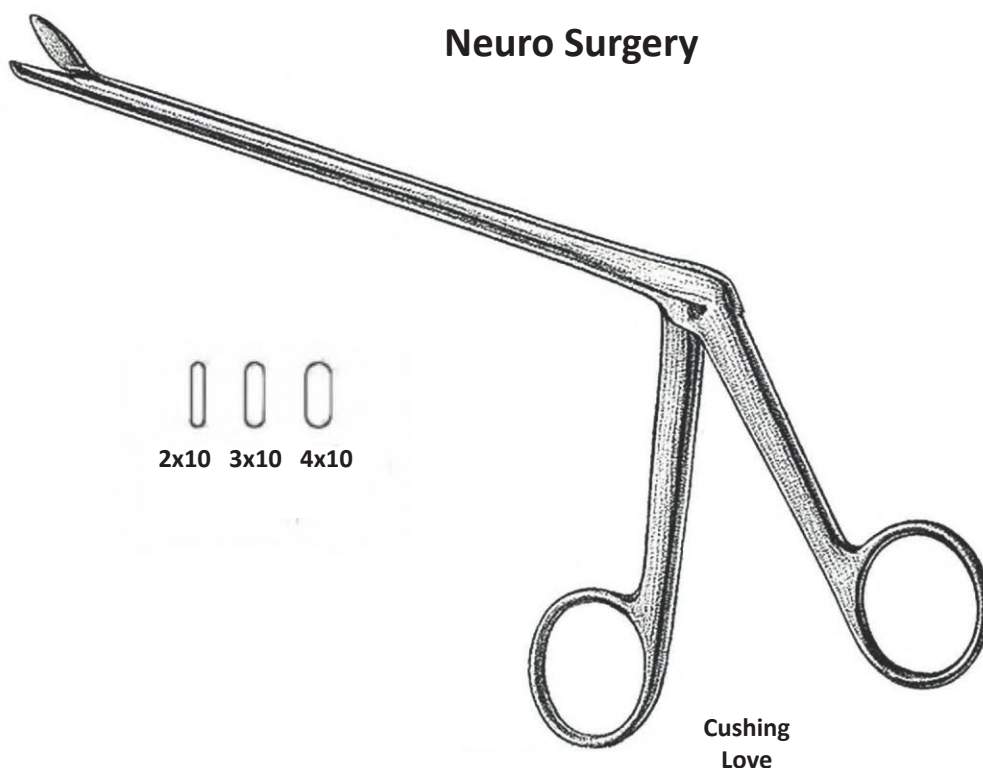
Down-Cutting Shaft 200 mm



A550 01 091 0967	AO-INS-967
"Kerrison 90° down-cutting Shaft 200 mm	
Bite 3 mm"	8698823351731

A550 01 091 0968	AO-INS-968
"Kerrison 90° down-cutting Shaft 200 mm	
Bite 5 mm"	8698823351748

Neuro Surgery



2x10 3x10 4x10

Cushing
Love

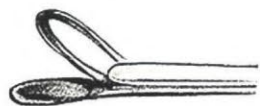
Gerade Straight Shaft



	130 mm	180 mm	200 mm
Bite 2x10 mm	AO-INS-969	AO-INS-972	AO-INS-975
Bite 3x10 mm	AO-INS-970	AO-INS-973	AO-INS-976
Bite 4x10 mm	AO-INS-971	AO-INS-974	AO-INS-977

A550 01 091 0969	8698823351755	A550 01 091 0972	8698823351786	A550 01 091 0975	8698823351816
A550 01 091 0970	8698823351762	A550 01 091 0973	8698823351793	A550 01 091 0976	8698823351823
A550 01 091 0971	8698823351779	A550 01 091 0974	8698823351809	A550 01 091 0977	8698823351830

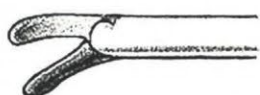
Angled - Up Shaft



	130 mm	180 mm	200 mm
Bite 2x10 mm	AO-INS-978	AO-INS-981	AO-INS-984
Bite 3x10 mm	AO-INS-979	AO-INS-982	AO-INS-985
Bite 4x10 mm	AO-INS-980	AO-INS-983	AO-INS-986

A550 01 091 0978	8698823351847	A550 01 091 0981	8698823351878	A550 01 091 0984	8698823351908
A550 01 091 0979	8698823351854	A550 01 091 0982	8698823351885	A550 01 091 0985	8698823351915
A550 01 091 0980	8698823351861	A550 01 091 0983	8698823351892	A550 01 091 0986	8698823351922

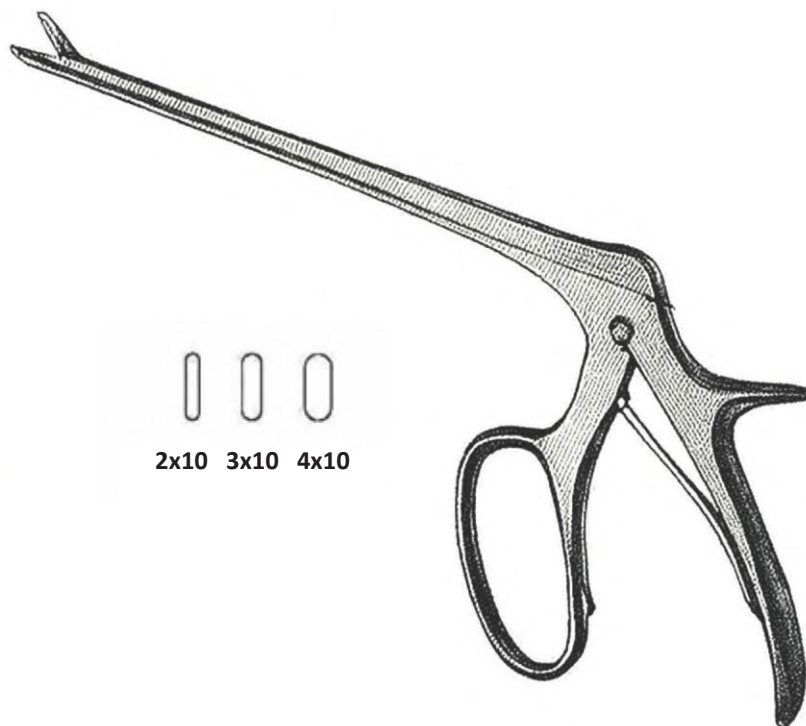
Angled - Down Shaft



	130 mm	180 mm	200 mm
Bite 2x10 mm	SE-INS-987	SE-INS-990	SE-INS-993
Bite 3x10 mm	SE-INS-988	SE-INS-991	SE-INS-994
Bite 4x10 mm	SE-INS-989	SE-INS-992	SE-INS-995

A550 01 091 0987	8698823351939	A550 01 091 0990	8698823351960	A550 01 091 0993	8698823351991
A550 01 091 0988	8698823351946	A550 01 091 0991	8698823351977	A550 01 091 0994	8698823352004
A550 01 091 0989	8698823351953	A550 01 091 0992	8698823351984	A550 01 091 0995	8698823352011

Neuro Surgery



2x10 3x10 4x10

Ferris - Smith



**Straight
Shaft** 180 mm

Bite 2x10 mm AO-INS-996
Bite 3x10 mm AO-INS-997
Bite 4x10 mm AO-INS-998

A550 01 091 0996 8698823352028
A550 01 091 0997 8698823352035
A550 01 091 0998 8698823352042



**Angled - Up
Shaft** 180 mm

Bite 2x10 mm AO-INS-999
Bite 3x10 mm AO-INS-1000
Bite 4x10 mm AO-INS-1001

A550 01 091 0999 8698823352059
A550 01 091 1000 8698823352066
A550 01 091 1001 8698823352073

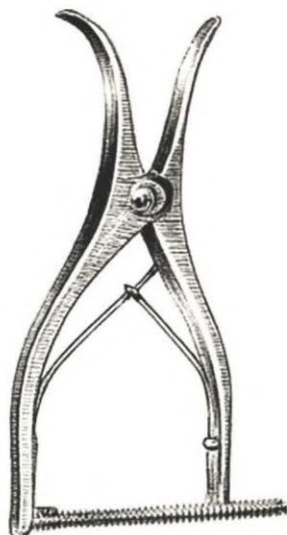


**Angled - Down
Shaft** 180 mm

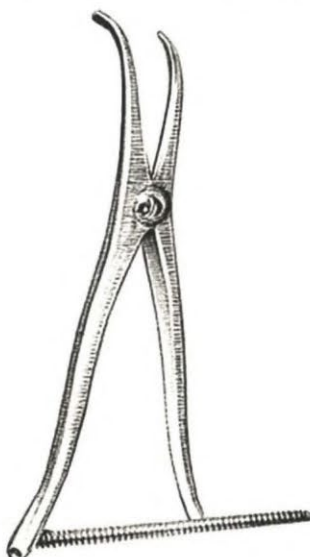
Bite 2x10 mm AO-INS-1002
Bite 3x10 mm AO-INS-1003
Bite 4x10 mm AO-INS-1004

A550 01 091 1002 8698823352080
A550 01 091 1003 8698823352097
A550 01 091 1004 8698823352103

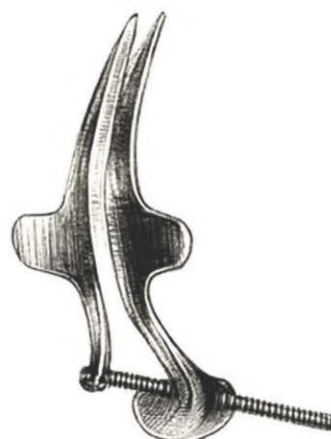
Neuro Surgery



A550 01 091 1005
AO-INS-1005
Limna small pattern 16.0 cm
8698823352110



A550 01 091 1006
AO-INS-1006
Limna large pattern 26.0 cm
8698823352127

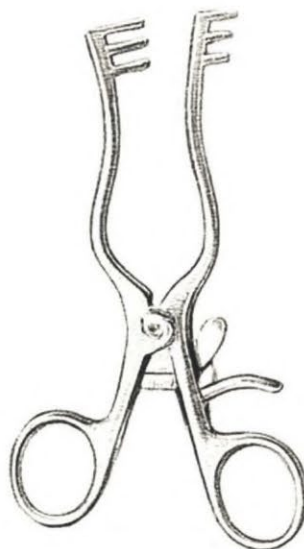


A550 01 091 1007
AO-INS-1007
Cloward 13.0 cm
8698823352134



A550 01 091 1008
Gelpi 14.0 cm
AO-INS-1008
8698823352141

A550 01 091 1009
Gelpi 17.0 cm
AO-INS-1009
8698823352158



A550 01 091 1010
AO-INS-1010
"Beckmann 16.5 cm sharp
3x4 prongs, 16 mm deep"
8698823352165



A550 01 091 1011
AO-INS-1011
"Beckmann 16.5 cm sharp
3x4 prongs, 13 mm deep"
8698823352172

Neuro Surgery



Beckmann

A550 01 091 1012 AO-INS-1012
"Beckmann sharp, 24.0 cm
3x3 prongs, 25 mm deep" 8698823352189

A550 01 091 1013 AO-INS-1013
"Beckmann blunt, 24.0 cm
3x3 prongs, 25 mm deep" 8698823352196



Adson

A550 01 091 1014 AO-INS-1014
"Adson sharp, 26.5 cm
5x6 prongs, 35 mm deep" 8698823352202

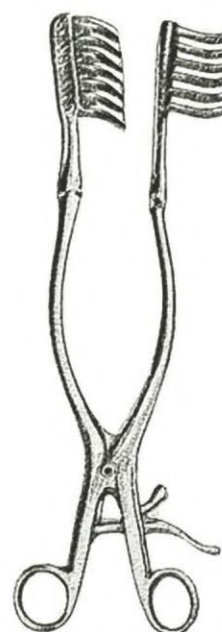
A550 01 091 1015 AO-INS-1015
"Adson blunt, 26.5 cm
3x3 prongs, 25 mm deep" 8698823352219



Beckmann - Adson

A550 01 091 1016 AO-INS-1016
"Beckmann-Adson sharp, 31.0 cm
4x4 prongs, 25 mm deep" 8698823352226

A550 01 091 1017 AO-INS-1017
"Beckmann-Adson sharp, 31.0 cm
4x4 prongs, 44 mm deep" 8698823352233



Beckmann - Eaton

A550 01 091 1018 AO-INS-1018
"Beckmann-Eaton sharp, 32.0 cm
7x 7 prongs, 50 mm deep" 8698823352240

Neuro Surgery

Retractors, Cervical Retractors



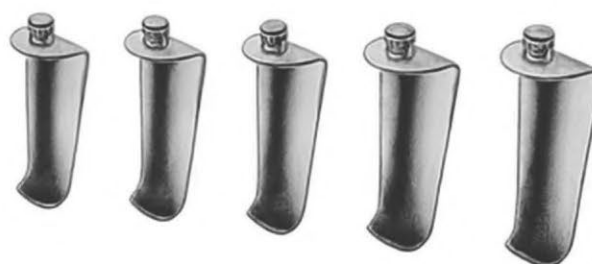
A550 01 091 1019
AO-INS-1019
Cloward 17.0 cm
8698823352264
Frame only

A550 01 091 1020
AO-INS-1020
Cloward 17.0 cm
8698823352257
Complete with 5 blades



A550 01 091 1026
AO-INS-1026
Cloward 17.0 cm
8698823352332
Frame only

A550 01 091 1027
AO-INS-1027
Cloward 17.0 cm
8698823352325
Complete with 5 blades



Cloward

A550 01 091 1021
Cloward blades only 40 mm

AO-INS-1021
8698823352271

A550 01 091 1022
Cloward blades only 45 mm

AO-INS-1022
8698823352288

A550 01 091 1023
Cloward blades only 50 mm

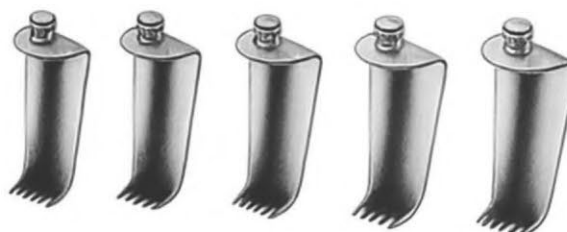
AO-INS-1023
8698823352295

A550 01 091 1024
Cloward blades only 55 mm

AO-INS-1024
8698823352301

A550 01 091 1025
Cloward blades only 60 mm

AO-INS-1025
8698823352318



Cloward

A550 01 091 1028
Cloward blades toothed 40 mm

AO-INS-1028
8698823352349

A550 01 091 1029
Cloward blades toothed 45 mm

AO-INS-1029
8698823352356

A550 01 091 1030
Cloward blades toothed 50 mm

AO-INS-1030
8698823352363

A550 01 091 1031
Cloward blades toothed 55 mm

AO-INS-1031
8698823352370

A550 01 091 1032
Cloward blades toothed 60 mm

AO-INS-1032
8698823352387

Neuro Surgery



Meyerding

A550 01 091 1034
Meyerding 16x50 mm, 20.0 cm

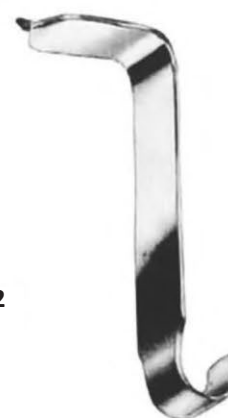
A550 01 091 1035
Meyerding 25x75 mm, 23.0 cm

A550 01 091 1036
Meyerding 50x90 mm, 24.0 cm



Hibbs
AO-INS-1033

Set of 2
cf



Taylor

A550 01 091 1039
Taylor 30x75 mm, 17.0 cm

A550 01 091 1040
Taylor 30x100 mm, 17.0 cm

AO-INS-1039
8698823352448

AO-INS-1040
8698823352455



A550 01 091 1041
AO-INS-1041
Love 6 mm
19.0 cm straight
8698823352462



A550 01 091 1042
AO-INS-1042
Love 6 mm
19.0 cm 45°
8698823352479



A550 01 091 1043
AO-INS-1043
Love 6 mm
19.0 cm 90°
8698823352486



A550 01 091 1044
AO-INS-1044
Scoville 30.0 cm
8698823352493



A550 01 091 1045
AO-INS-1045
Scoville 30.0 cm
8698823352509

Nerve Hook and Disector

Neuro Surgery



A550 01 091 1046
AO-INS-1046
Pennfield
8698823352516



A550 01 091 1048
AO-INS-1048
Toennis narrow 24.0 cm
8698823352530



A550 01 091 1049
AO-INS-1049
Toennis wide 24.0 cm
8698823352547

A550 01 091 1047
AO-INS-1047
Davis 4 mm, 24.5 cm
8698823352523

Toennis
24.0 cm



A550 01 091 1050
AO-INS-1050
Frazier 15.0 cm
8698823352554

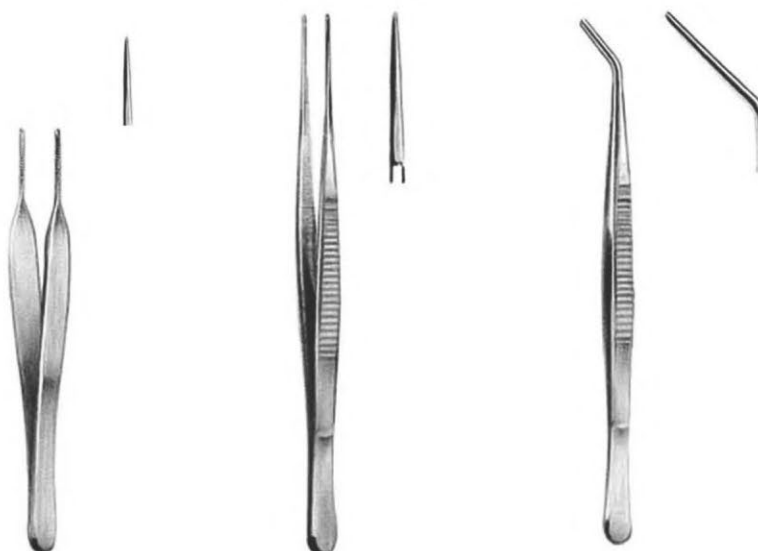


A550 01 091 1051
AO-INS-1051
Hoen 15.0 cm 45°
8698823352561



A550 01 091 1052
AO-INS-1052
Hoen 15.0 cm 90°
8698823352578

Neuro Surgery



A550 01 091 1053
DeBakey-Adson 12.5 cm
jaw width 2.0 mm

AO-INS-1053
8698823352585

A550 01 091 1055
DeBakey-Adson 20.0 cm
jaw width 2.0 mm

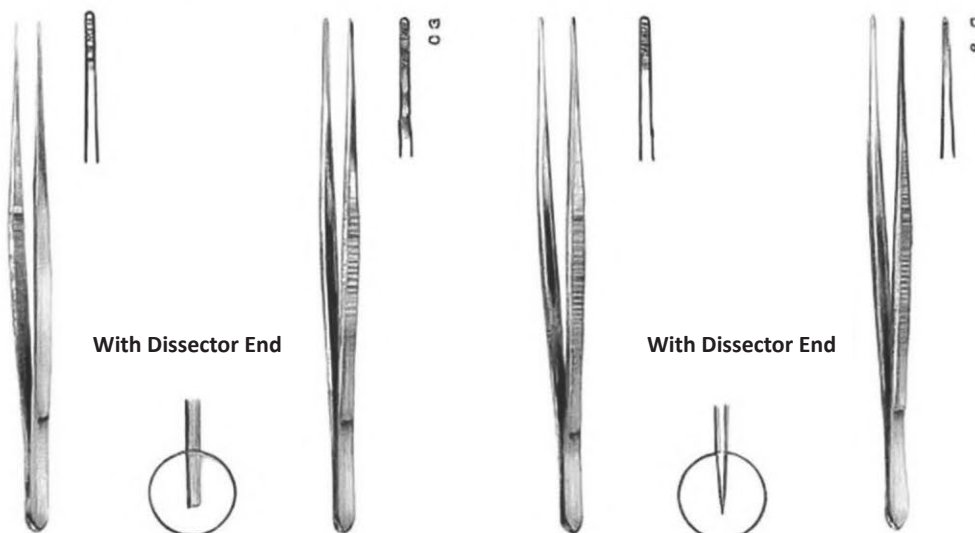
AO-INS-1055
8698823352608

A550 01 091 1056
DeBakey-Adson 20.0 cm
jaw width 2.0 mm angled

AO-INS-1056
8698823352615

A550 01 091 1054
DeBakey-Adson 15.0 cm
jaw width 2.0 mm

AO-INS-1054
8698823352592



Cushing 18.0 cm
A550 01 091 1057
AO-INS-1057

Cushing 18.0 cm
A550 01 091 1058
AO-INS-1058
8698823352639

Cushing 18.0 cm
A550 01 091 1059
AO-INS-1059
8698823352646

Cushing 18.0 cm
A550 01 091 1060
AO-INS-1060

Retractors for Spine



Caspar

A550 01 091 1061
Retractor with hook and
5 blades Sperrer atlein

AO-INS-1061
8698823352660

A550 01 091 1062
Retractor only

AO-INS-1062
8698823352677



A550 01 091 1072
Counter Retractor, with 5 blades

AO-INS-1072
8698823352776

A550 01 091 1073
Counter Retractor only

AO-INS-1073
8698823352783



A550 01 091 1063
AO-INS-1063
Hook 38 mm
8698823352684



Blades



A550 01 091 1064 32x22 mm	AO-INS-1064 8698823352691
A550 01 091 1065 37x22 mm	AO-INS-1065 8698823352707
A550 01 091 1066 Blades 43x22 mm	AO-INS-1066 8698823352714
A550 01 091 1067 47x22 mm	AO-INS-1067 8698823352721
A550 01 091 1068 52x22 mm	AO-INS-1068 8698823352738
A550 01 091 1069 57x22 mm	AO-INS-1069 8698823352745
A550 01 091 1070 62x22 mm	AO-INS-1070 8698823352752
A550 01 091 1071 67x22 mm	AO-INS-1071 8698823352769

A550 01 091 1074 45x23 mm	AO-INS-1074 8698823352790
A550 01 091 1075 50x23 mm	AO-INS-1075 8698823352806
A550 01 091 1076 55x23 mm	AO-INS-1076 8698823352813
A550 01 091 1077 60x23 mm	AO-INS-1077 8698823352820
A550 01 091 1078 65x23 mm	AO-INS-1078 8698823352837

Specula for Lumbar Vertebral Operations



Specula

A550 01 091 1079
Specula Length of blades 45 mm

AO-INS-1079
8698823352844

A550 01 091 1080
Specula Length of blades 50 mm

AO-INS-1080
8698823352851

A550 01 091 1081
Specula Length of blades 55 mm

AO-INS-1081
8698823352868

A550 01 091 1082
Specula Length of blades 60 mm

AO-INS-1082
8698823352875

A550 01 091 1083
Specula Length of blades 65 mm

AO-INS-1083
8698823352882

Caspar



Specula

Caspar

A550 01 091 1084
Specula 40 mm

AO-INS-1084
8698823352899

A550 01 091 1088
Specula 60 mm

AO-INS-1088
8698823352936

A550 01 091 1085
Specula 45 mm

AO-INS-1085
8698823352905

A550 01 091 1089
Specula 65 mm

AO-INS-1089
8698823352943

A550 01 091 1086
Specula 50 mm

AO-INS-1086
8698823352912

A550 01 091 1090
Specula 75 mm

AO-INS-1090
8698823352950

A550 01 091 1087
Specula 55 mm

AO-INS-1087
8698823352929

A550 01 091 1091
Specula 85 mm

AO-INS-1091
8698823352967



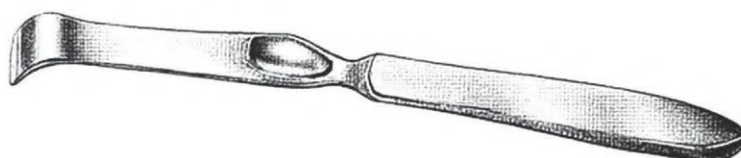
Bruns

		
Bruns 0000 A550 01 091 1092 AO-INS-1092 8698823352974	Bruns 000 A550 01 091 1093 AO-INS-1093 8698823352981	Bruns 00 A550 01 091 1094 AO-INS-1094 8698823352998
		
Bruns 0 A550 01 091 1095 AO-INS-1095 8698823353001	Bruns 1 A550 01 091 1096 AO-INS-1096 8698823353018	Bruns 2 A550 01 091 1097 AO-INS-1097 8698823353025
		
Bruns 3 A550 01 091 1098 AO-INS-1098 8698823353032	Bruns 4 A550 01 091 1099 AO-INS-1099 8698823353049	Bruns 5 A550 01 091 1100 AO-INS-1100 8698823353056
		
	Bruns 6 A550 01 091 1101 AO-INS-1101 8698823353063	



**Bruns
23.0 cm**

	
A550 01 091 1102 AO-INS-1102 8698823353070	A550 01 091 1107 AO-INS-1107 8698823353124
	
A550 01 091 1103 AO-INS-1103 8698823353087	A550 01 091 1108 AO-INS-1108 8698823353131
	
A550 01 091 1104 AO-INS-1104 8698823353094	A550 01 091 1109 AO-INS-1109 8698823353148
	
A550 01 091 1105 AO-INS-1105 8698823353100	A550 01 091 1110 AO-INS-1110 8698823353155
	
A550 01 091 1106 AO-INS-1106 8698823353117	



A550 01 091 1111	AO-INS-1111	8698823353162
A550 01 091 1112	AO-INS-1112	8698823353179
A550 01 091 1113	AO-INS-1113	8698823353186



A550 01 091 1114
Hudson

AO-INS-1114
8698823353193



A550 01 091 1115
AO-INS-1115
ø 9 mm
8698823353209



A550 01 091 1116
AO-INS-1116
ø 14 mm
8698823353216



A550 01 091 1117
AO-INS-1117
ø 16 mm
8698823353223



A550 01 091 1118
AO-INS-1118
Cushing
8698823353247



A550 01 091 1119
AO-INS-1119
8698823353254



Get in touch

Contact us to get more information about our solutions, evaluate cooperation opportunities or submit your questions.



Manufacturing Facility

Doğankaya Mah. Organize Sanayi Bölgesi 1. Cad. No:
51 İç Kapı No:1 Bafra / Samsun

Centre Address

İstiklal Caddesi Ulugazi Mahallesi Muarrem Kefeli
Apt. No:28 Kat:3/5 İlkadım / Samsun

Istanbul Address

Molla Gürani Mah. Molla Gürani Cad. No:59/9
Fındıkzade Fatih, İSTANBUL/TÜRKİYE



www.aysam.com.tr



info@aysam.com.tr



+90 362 435 37 72



[aysam.orthopaedics](https://www.facebook.com/aysam.orthopaedics)



[@aysamorthopaedics](https://www.youtube.com/@aysamorthopaedics)



[aysamorthopaedics](https://www.linkedin.com/company/aysamorthopaedics)



[aysamorthopaedics](https://www.instagram.com/aysamorthopaedics)



[AysamOrtho](https://twitter.com/AysamOrtho)



[aysamorthopaedics](https://www.pinterest.com/aysamorthopaedics)

