



SH MEDEXPERTS
BY SILKY HORIZON

ORTHOPEDIC INSTRUMENTS

CATALOGUE

World-Class High Quality



 silkyhorizon.com.pk

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 OFFICE NO.1 FIRST FLOOR, MUZAFFAR CHAMBER BLUE AREA ISLAMABAD, PAKISTAN

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SH MEDEXPERTS

SURGICAL INSTRUMENTS

Quality that Build Confidence



SH Medexperts have been provided to surgeons across the world to help improve the standard of patient care. The SH Medexperts Brand is especially known globally in the CVT and ENT specialties with numerous proprietary instruments co-developed with leading surgeons in these fields.

Over the years, the SH Medexperts Brand has maintained high standards of quality and continues to emphasize customer service and satisfaction. As surgical procedural needs change, specialty surgeons can count on SH Medexperts Branded instruments to meet their new requirements.

Today, SH Medexperts upholds its tradition of delivering high-quality, hand-crafted instruments designed to meet the precise needs of surgeons.



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INSTRUMENTATION SERVICES

In addition to providing our customers with a comprehensive product line of surgical instruments,

SH Medexperts also offers the following services:

- Custom Instruments Service
- Complimentary Instrument Etching
- Special Instrument Finishes

For more information on these services, please contact your A Surgitronix Sales Specialist or customer service at **+92-310-7770441**



SH MEDEXPERTS INSTURCTIONS



SCALES AND GAUGES



CONVERSION SCALE

TO CONVERT FROM	TO	MULTIPLY BY
Ounces (AVDP.)	Grams	28.349523
Ounces (APOTH.)	Grams	31.103486
Grains	Grams	0.06479891
Pounds (AVDP.)	Kilograms	0.45359237
Inches	Centimeters	2.54
Feet	Meters	0.3048
Yards	Meters	0.9144
Ounces (U.S. Fluid)	Cubic Centimeters	29.573730
Ounces (British Fluid)	Cubic Centimeters	28.41305
Quarts (U.S. Fluid)	Liters	0.9463264
Cubic Inches	Cubic Centimeters	16.387064
Grams	Grains	15.432358
Grams	Ounces (AVDP.)	0.35273962
Grams	Ounces (APOTH.)	0.32150737
Kilograms	Pounds (AVDP.)	2.2046226
Millimeters	Inches	0.039370079
Centimeters	Inches	0.39370079
Meters	Feet	3.2808399
Cubic Centimeters	Cubic Inches	0.61023744
Cubic Centimeters (Fluid)	Ounces (U.S. Fluid)	0.33814023
Liters	Quarts (U.S. Fluid)	1.056718

FAHRENHEIT AND CENTIGRADE SCALES

F°	C°
500	260
401	205
392	200
383	195
374	190
356	180
347	175
338	170
329	165
320	160
311	155
302	150
284	140
275	135
266	130
248	120
239	115
230	110
212	100
203	95
194	90
176	80
167	75
140	60
122	50
113	45
105	40.56
104	40
100	37.8
98.5	36.9
95	35
86	30
77	25
68	20
50	10
41	5
32	0
23	-5
14	-10
+5	-15
-4	-20
-13	-25
-22	-30
-40	-40
-76	-60

SCALES AND GAUGES



0 in

1

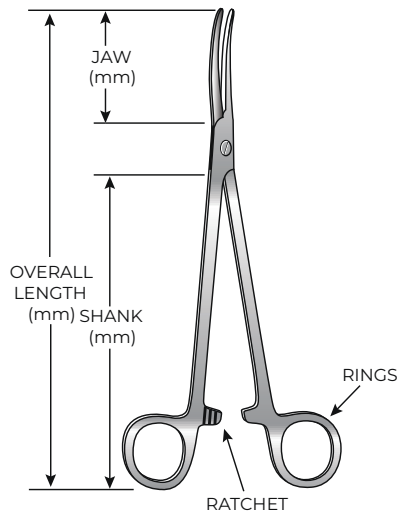
COMPARATIVE SCALES OR GAUGES

DIAMETERS IN MILLIMETERS	AMERICAN	FRENCH	ENGLISH
1/3		1	
1/2	1		
2/3		2	
1	2	3	
1-1/3		4	
1-1/2	3		
1-2/3		5	
2	4	6	
2-1/3		7	1
2-1/2	5		
2-2/3		8	2
3	6	9	3
3-1/3		10	
3-1/2	7		
3-2/3		11	4
4	8	12	5
4-1/3		13	
4-1/2	9		
4-2/3		14	
5	10	15	6
5-1/3		16	7
5-1/2	11		
5-2/3		17	8
6	12	18	9
6-1/3		19	10
6-1/2	13		
6-2/3		20	11

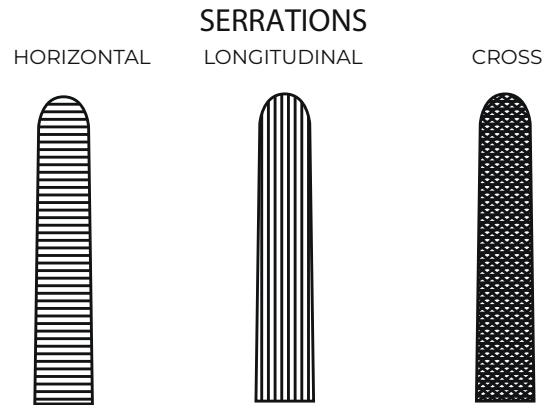
DIAMETERS IN MILLIMETERS	AMERICAN	FRENCH	ENGLISH
7	14	21	
7-1/3		22	12
7-1/2	15		
7-2/3		23	13
8	16	24	
8-1/3		25	14
8-1/2	17		
8-2/3		26	15
9	18	27	16
9-1/3		28	17
9-1/2	19		
9-2/3		29	
10	20	30	18
10-1/3		31	19
10-1/2	21		
10-2/3		32	20
11	22	33	21
11-1/3		34	22
11-1/2	23		
11-2/3		35	23
12	24	36	24
12-1/3		37	25
12-1/2	25		
12-2/3		38	26
13	26	39	27
13-1/3		40	28

MEASURING GUIDELINES AND COMMON JAW PATTERNS OF SURGICAL INSTRUMENTS

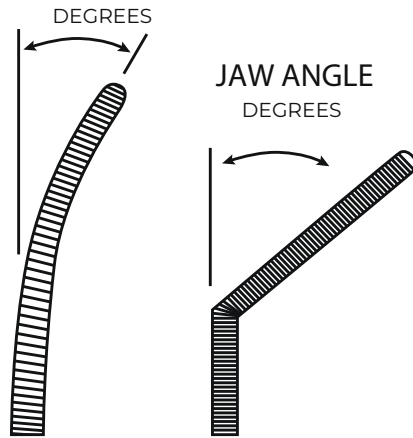
High quality, handcrafted instrument measurements will vary slightly. Instruments in this catalog are stainless steel unless otherwise noted.



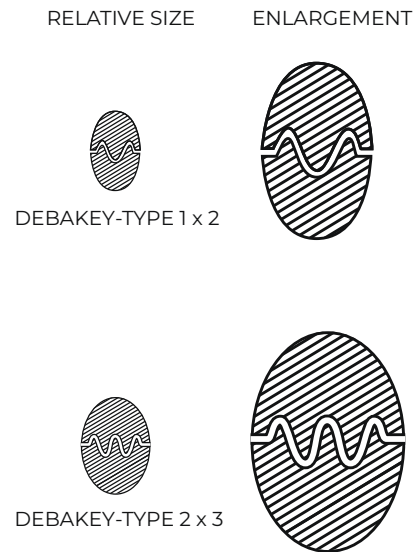
COMMON JAW SURFACES FOUND ON HEMOSTATS AND CLAMPS



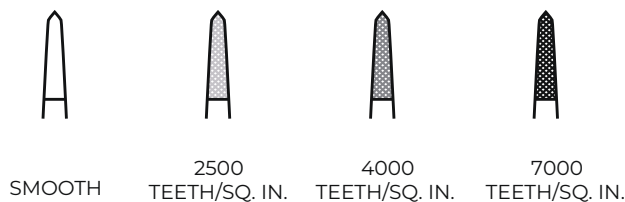
JAW CURVATURE



JAW CROSS SECTIONS

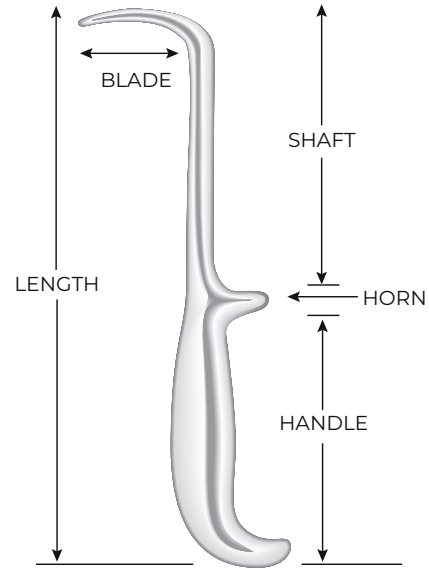
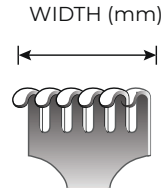
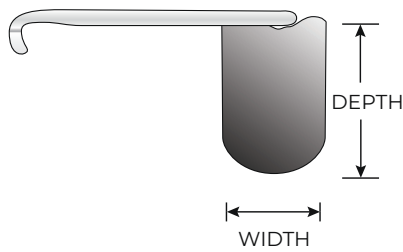
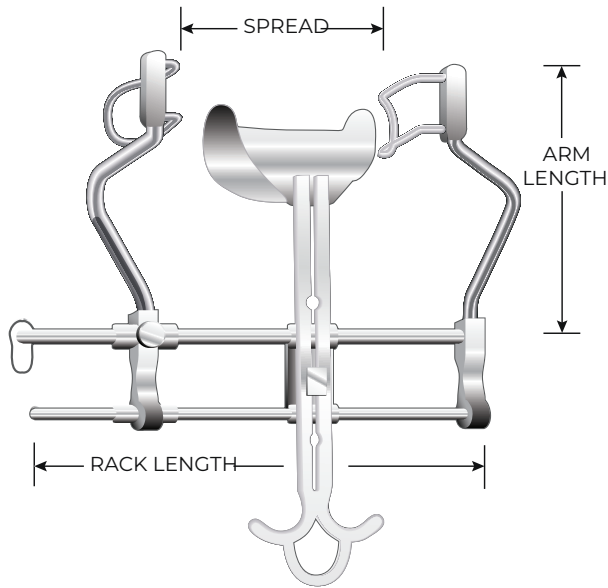


COMMON SURFACES FOUND ON NEEDLE HOLDERS WITH TUNGSTEN CARBIDE INSERTS

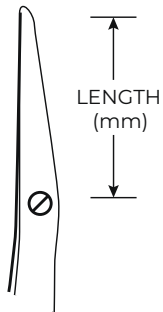


SH MEDEXPERTS INSTRURCTIONS

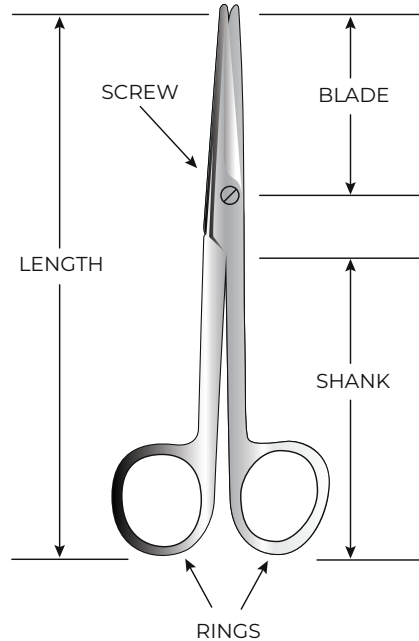
FROM INNER SURFACE OF SIDE BLADES



BLADE LENGTH



RING HANDLE



BLADE CURVATURE

DEGREES



Overview



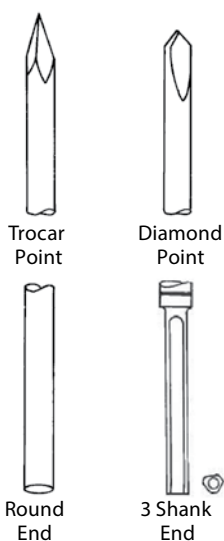
WIRE AND PIN IMPLANTS



Bend K-Wires up to 0.062" in diameter easily with our Gratloch Wire Bender
AI-OR-01-101

WIRE AND PIN IMPLANTS

- Longer, gently tapered points for easier penetration.
- Smoothly hand-polished, causing



KIRSCHNER WIRES (SMOOTH) — PKG/6					
LENGTH	0.028" (.7mm)	0.035" (.9mm)	0.045" (1.1 mm)	0.054" (1.4 mm)	0.062" (1.6 mm)
DOUBLE-END TROCAR					
4"	AI-OR-01-001	AI-OR-01-002	AI-OR-01-003	AI-OR-01-004	AI-OR-01-005
5"	AI-OR-01-006	AI-OR-01-007	AI-OR-01-008	AI-OR-01-009	AI-OR-01-010
6"	AI-OR-01-011	AI-OR-01-012	AI-OR-01-013	AI-OR-01-014	AI-OR-01-015
9"	AI-OR-01-016	AI-OR-01-017	AI-OR-01-018	AI-OR-01-019	AI-OR-01-020
12"	AI-OR-01-021	AI-OR-01-022	AI-OR-01-023	AI-OR-01-024	AI-OR-01-025
SINGLE TROCAR (ROUND END)					
4"	AI-OR-01-026	AI-OR-01-027	AI-OR-01-028	AI-OR-01-029	AI-OR-01-030
5"	AI-OR-01-031	AI-OR-01-032	AI-OR-01-033	AI-OR-01-034	AI-OR-01-035
6"	—	—	AI-OR-01-036	—	AI-OR-01-037
7"	—	AI-OR-01-038	—	—	—
9"	AI-OR-01-039	AI-OR-01-040	AI-OR-01-041	AI-OR-01-042	AI-OR-01-043
12"	AI-OR-01-044	AI-OR-01-045	AI-OR-01-046	AI-OR-01-047	AI-OR-01-048
DOUBLE-END DIAMOND					
4"	AI-OR-01-049	AI-OR-01-050	AI-OR-01-051	AI-OR-01-052	AI-OR-01-053
5"	AI-OR-01-054	AI-OR-01-055	AI-OR-01-056	AI-OR-01-057	AI-OR-01-058
6"	AI-OR-01-059	AI-OR-01-060	AI-OR-01-061	AI-OR-01-062	AI-OR-01-063
9"	AI-OR-01-064	AI-OR-01-065	AI-OR-01-066	AI-OR-01-067	AI-OR-01-068
SINGLE DIAMOND (ROUND END)					
4"	AI-OR-01-069	AI-OR-01-070	AI-OR-01-071	AI-OR-01-072	AI-OR-01-073
9"	AI-OR-01-074	AI-OR-01-075	AI-OR-01-076	AI-OR-01-077	AI-OR-01-078
12"	AI-OR-01-079	AI-OR-01-080	AI-OR-01-081	AI-OR-01-082	AI-OR-01-083
SUTURE PASSER SINGLE DIAMOND WITH SUTURE HOLE (ROUND END)					
9"	—	—	AI-OR-01-084	—	AI-OR-01-085
SUTURE PASSER SINGLE DIAMOND WITH SUTURE HOLE (3 SHANK END)					
9"	—	—	—	—	—
SINGLE TROCAR (3 SHANK END)					
9"	—	—	—	—	—
SINGLE DIAMOND (3 SHANK END)					
9"	—	—	—	—	—
KIRSCHNER WIRES (FULLY THREADED) — PKG/6					
LENGTH	0.028" (.7mm)	0.035" (.9mm)	0.045" (1.1 mm)	0.054" (1.4 mm)	0.062" (1.6 mm)
DOUBLE-END TROCAR					
6"	—	AI-OR-01-086	AI-OR-01-087	—	AI-OR-01-088
9"	—	AI-OR-01-089	AI-OR-01-090	—	AI-OR-01-091
SINGLE TROCAR (ROUND END)					
9"	—	AI-OR-01-092	AI-OR-01-093	—	AI-OR-01-094
DOUBLE-END DIAMOND					
9"	—	AI-OR-01-095	AI-OR-01-096	—	AI-OR-01-097
SINGLE DIAMOND (ROUND END)					
9"	—	AI-OR-01-098	AI-OR-01-099	—	AI-OR-01-100
10"	—	—	—	—	—

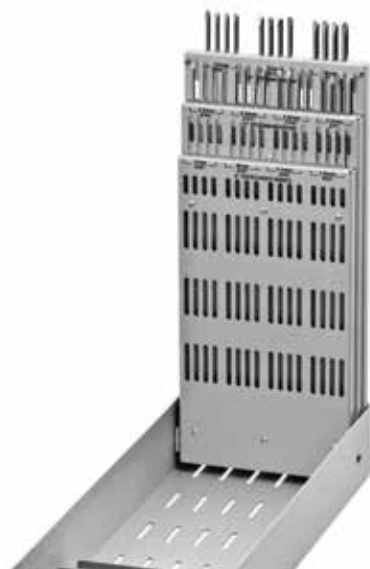
WIRE AND PIN IMPLANTS



STEINMANN PINS (SMOOTH) — PKG/6							
LENGTH	5/64" (2.0 mm)	3/32" (2.4 mm)	7/64" (2.8 mm)	1/8" (3.2 mm)	9/64" (3.5 mm)	5/32" (4.0 mm)	0.177" (4.5 mm)
DOUBLE-END TROCAR							
4"	—	—	—	—	—	—	—
5"	—	—	—	—	—	—	—
6"	—	—	—	—	—	—	—
9"	AI-OR-01-102	AI-OR-01-103	AI-OR-01-104	AI-OR-01-105	AI-OR-01-106	AI-OR-01-107	AI-OR-01-108
12"	—	—	—	—	—	—	—
SINGLE TROCAR (ROUND END)							
4"	—	—	—	—	—	—	—
5"	—	AI-OR-01-109	—	—	—	—	—
6"	—	—	—	—	—	—	—
7"	—	—	—	AI-OR-01-110	—	—	—
9"	AI-OR-01-111	AI-OR-01-112	AI-OR-01-113	AI-OR-01-114	AI-OR-01-115	AI-OR-01-116	AI-OR-01-117
12"	AI-OR-01-118	AI-OR-01-119	AI-OR-01-120	AI-OR-01-121	AI-OR-01-122	AI-OR-01-123	AI-OR-01-124
DOUBLE-END DIAMOND							
4"	—	—	—	—	—	—	—
5"	—	—	—	—	—	—	—
6"	—	—	—	—	—	—	—
9"	AI-OR-01-125	AI-OR-01-126	AI-OR-01-127	AI-OR-01-128	AI-OR-01-129	AI-OR-01-130	AI-OR-01-131
SINGLE DIAMOND (ROUND END)							
4"	—	—	—	—	—	—	—
5"	—	—	—	—	—	—	—
6"	—	—	—	—	—	—	—
9"	AI-OR-01-132	AI-OR-01-133	AI-OR-01-134	AI-OR-01-135	AI-OR-01-136	AI-OR-01-137	AI-OR-01-138
SUTURE PASSER SINGLE DIAMOND WITH SUTURE HOLE (ROUND END)							
12"	—	—	—	—	—	—	—
SUTURE PASSER SINGLE DIAMOND WITH SUTURE HOLE (3 SHANK END)							
9"	AI-OR-01-139	AI-OR-01-140	AI-OR-01-141	AI-OR-01-142	AI-OR-01-143	AI-OR-01-144	AI-OR-01-145
SINGLE TROCAR (3 SHANK END)							
9"	AI-OR-01-146	AI-OR-01-147	AI-OR-01-148	AI-OR-01-149	AI-OR-01-150	AI-OR-01-151	AI-OR-01-152
SINGLE DIAMOND (3 SHANK END)							
9"	AI-OR-01-153	AI-OR-01-154	AI-OR-01-155	AI-OR-01-156	AI-OR-01-157	AI-OR-01-158	AI-OR-01-159
STEINMANN PINS (FULLY THREADED) — PKG/6							
LENGTH	5/64" (2.0 mm)	3/32" (2.4 mm)	7/64" (2.8 mm)	1/8" (3.2 mm)	9/64" (3.5 mm)	5/32" (4.0 mm)	0.177" (4.5 mm)
DOUBLE-END TROCAR							
6"	—	—	—	—	—	—	—
9"	AI-OR-01-160	AI-OR-01-161	AI-OR-01-162	AI-OR-01-163	AI-OR-01-164	AI-OR-01-165	AI-OR-01-166
SINGLE TROCAR (ROUND END)							
9"	AI-OR-01-167	AI-OR-01-168	AI-OR-01-169	AI-OR-01-170	AI-OR-01-171	AI-OR-01-172	AI-OR-01-173
DOUBLE-END DIAMOND							
9"	AI-OR-01-174	AI-OR-01-175	AI-OR-01-176	AI-OR-01-177	AI-OR-01-178	AI-OR-01-179	AI-OR-01-180
SINGLE DIAMOND (ROUND END)							
9"	AI-OR-01-181	AI-OR-01-182	AI-OR-01-183	AI-OR-01-184	AI-OR-01-185	AI-OR-01-186	AI-OR-01-187
10"	—	AI-OR-01-188	—	—	—	—	—

WIRE AND PIN IMPLANTS

STEINMANN PINS CALIBRATED (GUIDE WIRES) WITH 1/2" GRADUATIONS					
LENGTH	0.062" (1.6 mm)	5/64" (2.0 mm)	3/32" (2.4 mm)	7/64" (2.8 mm)	1/8" (3.2 mm)
SINGLE TROCAR (ROUND END)					
9"	AI-OR-01-189	—	—	—	—
SINGLE TROCAR 3 SHANK END					
9"	—	—	AI-OR-01-190	—	—
SINGLE DIAMOND 3 SHANK END					
9"	—	—	AI-OR-01-191	AI-OR-01-192	AI-OR-01-193
SINGLE DIAMOND 3 ROUND END					
9"	—	—	AI-OR-01-194	—	—



AI-OR-01-195

K-WIRE, STEINMANN PIN CASES

KM71009

13" x 5-1/4" x 2" (closed)

Holds 9" K-Wires; 9" Steinmann Pins.

K-WIRES - 1 ROW, HOLDS 4 EACH OF THE FOLLOWING:	
0.028" (0.7 mm)	0.045" (1.1 mm)
0.035" (0.9 mm)	0.062" (1.6 mm)
STEINMANN PINS - 2 ROWS, HOLDS 4 EACH OF THE FOLLOWING:	
5/64" (2.0 mm)	9/64" (3.5 mm)
3/32" (2.4 mm)	5/32" (4.0 mm)
7/64" (2.8 mm)	0.177" (4.5 mm)
1/8" (3.2 mm)	

K-WIRE, STEINMANN PIN CASES

KM71010

11-3/4" x 5-1/4" x 2" (closed)

Holds 4", 6" and 9" K-Wires; 9" Steinmann Pins.

K-WIRES - 3 ROWS, HOLDS 4 EACH OF THE FOLLOWING:	
0.028" (0.7 mm)	0.045" (1.1 mm)
0.035" (0.9 mm)	0.062" (1.6 mm)
STEINMANN PINS - 1 ROW, HOLDS 2 EACH OF THE FOLLOWING:	
5/64" (2.0 mm)	9/64" (3.5 mm)
3/32" (2.4 mm)	5/32" (4.0 mm)
7/64" (2.8 mm)	0.177" (4.5 mm)
1/8" (3.2 mm)	

KIRSCHNER WIRES, STEINMANN PIN, VICKERS K-WIRE DISPENSERS



K-WIRE DISPENSER 6-1/4"			
CATALOG #	LENGTH	DIAMETER	QTY. HELD
AI-OR-02-001	up to 6"	0.031" (0.8 mm)	100
AI-OR-02-002	up to 6"	0.039" (1.0 mm)	50
AI-OR-02-003	up to 6"	0.047" (1.2 mm)	40
AI-OR-02-004	up to 6"	0.054" (1.4 mm)	25
AI-OR-02-005	up to 6"	0.062" (1.6 mm)	20
K-WIRE DISPENSER 12-1/4"			
AI-OR-02-006	up to 12"	0.039" (1.0 mm)	50
AI-OR-02-007	up to 12"	0.047" (1.2 mm)	40
AI-OR-02-008	up to 12"	0.054" (1.4 mm)	25
AI-OR-02-009	up to 12"	0.062" (1.6 mm)	20
STEINMANN PIN DISPENSER 12-1/4"			
AI-OR-02-010	up to 12"	5/64" (2.0 mm)	10
AI-OR-02-011	up to 12"	3/32" (2.5 mm)	5

- Stores and dispenses one size at a time.
- Sharp points are protected by silicone insert in cap.
- To avoid injury, load wire with blunt end down.
- Hexagonal shape of cap prevents unwanted movement of dispenser.
- Diameter is marked for easy identification.



AI-OR-02-001 - AI-OR-02-005
For K-Wire up to 6" long.



AI-OR-02-006 - AI-OR-02-011
For K-Wire and pins up to 12" long. Plastic cap.

VICKERS K-WIRE DISPENSER									
CATALOG #	LENGTH	CHAMBER #1		CHAMBER #2		CHAMBER #3		CHAMBER #4	
		DIAMETER	QTY. HELD	DIAMETER	QTY. HELD	DIAMETER	QTY. HELD	DIAMETER	QTY. HELD
AI-OR-02-012	4"	0.039" (1.0 mm)	60	0.047" (1.2 mm)	40	0.055" (1.4 mm)	30	0.063" (1.6 mm)	18
AI-OR-02-013	12"	0.039" (1.0 mm)	60	0.047" (1.2 mm)	40	0.055" (1.4 mm)	30	0.063" (1.6 mm)	18
AI-OR-02-014	12"	0.070" (1.8 mm)	15	5/64" (2.0 mm)	12	0.086" (2.2 mm)	10	3/32" (2.5 mm)	8



AI-OR-02-012
For 4" K-Wire.

- Easily stores and dispenses four different size wires.
- Dial on bottom enables for dispensing of one size at a time.
- To avoid injury, load wire with blunt end down.
- Dial can be locked to avoid accidental dispensing.
- Clearly marked chambers help to avoid mix-up.
- Dispenser is available exclusively from SH Medexperts.



AI-OR-02-013- ST-OR-02-014
For 12" K-Wire.

WIRE AND PIN IMPLANTS

Wire and Pin Drivers and Benders



K-WIRE BENDER



AI-OR-03-001

Bends up to 1.6 mm (0.062") K-Wire to 90 degree angle.

CATALOG #	DESCRIPTION
AI-OR-03-001	3 prong, 5-3/4" (14.5 cm)

K-WIRE AND PLATE BENDER



AI-OR-03-002

Bends mini plates and up to 1.1 mm (0.045") K-Wire to 90 degree angle.

CATALOG #	DESCRIPTION
AI-OR-03-002	3 prong, 5" (12.5 cm)

VICKERS EASIDRIVER

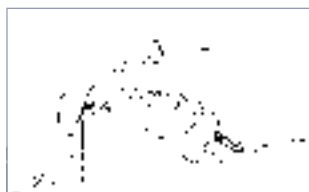
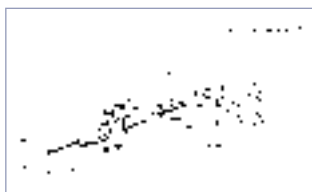
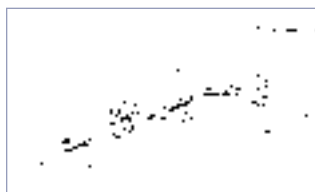


NO MANUAL DEVICE HAS EVER ACHIEVED THIS FUNCTION

For years, surgeons have sought a simple pin driver that could actually be fully controlled with one hand. The Vickers Easidriver leaves the other hand free to manipulate tissue, leaving the patient in better hands.

IDEAL BACKUP UNIT FOR OFFICE AND HOSPITAL

What do you use when your power equipment fails during surgery? Now you have the handy Vickers Easidriver Instrument. Without loss of precious time, it is ready for use. In cases where power equipment is not indicated or available, the Vickers Instrument can become your primary driver, allowing for feel and control that power units don't offer.



Now you can drive, bend and pull K-Wire for a fraction of the cost of power equipment.

VICKERS EASIDRIVER INSTRUMENT
AI-OR-04-001
5-1/2"
German Stainless

- Single handed operation
- Chuckless
- Depthscale
- Wire bending facility
- No maintenance
- No set-up
- Autoclavable
- For wire from 0.028" to 0.062"

WIRE AND PIN IMPLANTS

Wire and Pin Drivers and Benders



STEINMAN PIN CHUCK



For insertion and removal of Steinmann Pins. Includes chuck key. Cannulation accepts wires and pins up to 0.236" (6.0 mm). Chuck accepts wires and pins up to 1/4" (6.35 mm).

CATALOG #	DESCRIPTION
AI-OR-04-002	Fully cannulated, 4" (10 cm)

UNIVERSAL CHUCK WITH T-HANDLE



No more lost keys! Keyless chuck for insertion and removal of Steinmann Pins. Cannulation accepts wires and pins up to 0.236" (6.0 mm). Chuck accepts wires and pins up to 1/4" (6.35 mm).

CATALOG #	DESCRIPTION
AI-OR-04-003	Fully cannulated with reverse lock, 4-1/2" (11.5 cm)
AI-OR-04-004	Fully cannulated, 4" (10 cm)

GRATLOCH WIRE BENDER

The Gratloch Wire Bender is designed to enable single handed stabilization and bending of a Kirschner wire simultaneously. The unique design allows K-Wire to be bent close to the bone without sacrificing fracture or osteotomy stability.

TO BEND WIRE:

1. After the insertion of K-Wire in the bone, cut the wire, leaving a piece of 1/2" to 3/4" in length.
2. Insert the K-Wire into angled slot of Gratloch Bender as close to the bone as possible.
3. Press handles to bend wire (0.062" wire will bend 90 degrees; smaller diameters will bend slightly less than 90 degrees).
4. Additional features of the Gratloch Wire Bender are two angled cannulations At the proximal end of each handle for flush bending of wire (0.045" and 0.062").

Gratloch Wire Bender Detail



GRATLOCH WIRE BENDER

AI-OR-05-001

7-1/2"

Maximum capacity 0.062" (1.6 mm)

Special hardened, wear-resistant

Stainless tool-grade stainless steel

WIRE AND PIN IMPLANTS

Wire and Pin Drivers and Benders



WIRE AND PIN BENDER



AI-OR-05-002

Aids in bending pins and wires.

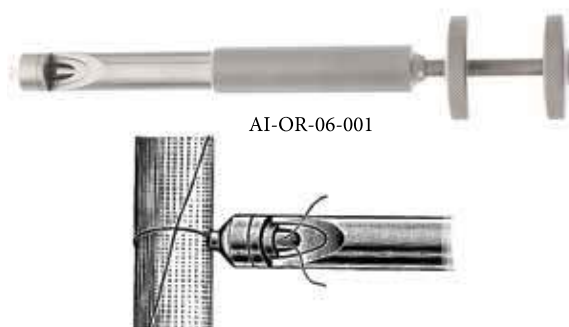
CATALOG #	DESCRIPTION
AI-OR-05-002	Accepts wires and pins up to 1/8" (3.2 mm), overall length 5-7/8" (15 cm)



WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

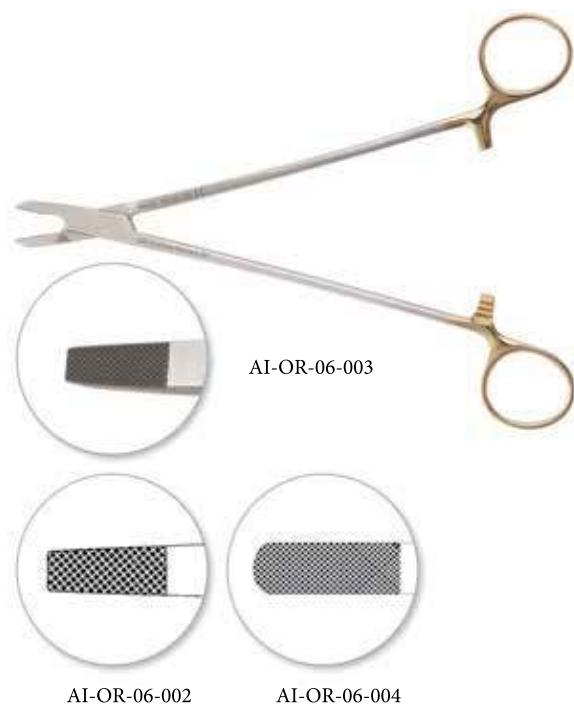
Wire Twisters

LOUTIE WIRE TIGHTENER



CATALOG #	DESCRIPTION
AI-OR-06-001	Maximum capacity 1.5 mm or 17 gauge cerclage wire, 8-1/2" (21.5 cm)

WIRE TWISTING FORCEPS



Carbide inserts.

CATALOG #	DESCRIPTION
AI-OR-06-002	6" (15 cm), TC
AI-OR-06-003	4 mm tip, 8" (21 cm), TC
AI-OR-06-004	6 mm tip, 7-1/4" (19 cm), TC

WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

Wire Twisters



WIRE PULLING FORCEPS



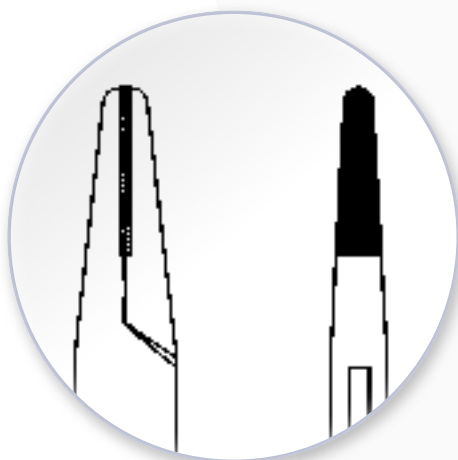
Facilitates holding and pulling of pins and wires.

CATALOG #	DESCRIPTION
AI-OR-06-005	Maximum capacity 1 mm, 6-1/2" (17 cm)

CORWIN WIRE TWISTER

HOW TO USE THE CORWIN WIRE TWISTER:

1. Wrap wire around bone and position ends next to each other.
2. Grasp both ends of wire with jaws.
3. Engage the ratchet to enforce solid clamping.
4. Stabilize wiring site.
5. Pull back on center ring repeatedly until wire has reached desired tension.
6. Disengage ratchet.



CORWIN WIRE TWISTER

AI-OR-07-001

6-1/4" (16 cm) with carbide inserts

Maximum capacity 0.8 mm or 21 gauge
cerclage wire



Saves time by semi-
automatically twisting
soft wire.

P.I. WIRE TWISTER AND TIGHTENER



P.I. WIRE TWISTER AND TIGHTENER
AI-OR-08-001
6-1/4" (16 cm)

FOLLOW THESE EASY STEPS TO TWIST AND TIGHTEN CERCLAGE WIRE:

1. Position wire around bone. Bend the ends of the wire slightly upwards.
2. Feed both twisted wire ends through the tongue and groove jaw and push out and up through the jaw fenestration.
3. Engage the ratchet. This will lock the wire in place. Turn the entire instrument, tightening the wire around the bone.

For more information please refer to the Instructions For Use.





JET WIRE TWISTER

The Jet Wire Twister is designed to provide fast, smooth and even twisting of soft wire, saving time in the OR. Suitable for the entire range of cerclage wire.

HOW TO USE THE JET WIRE TWISTER:

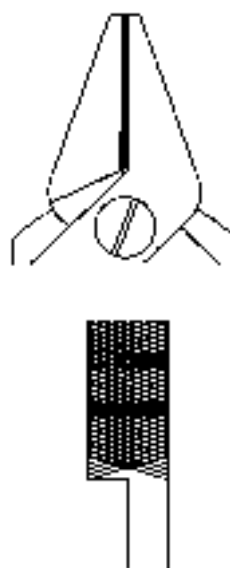
1. Wrap wire around bone and position ends next to each other.
2. Grasp both ends of wire with jaw.
3. Engage the ratchet to enforce solid clamping.
4. Stabilize wiring site.
5. Pull back on t-handle repeatedly until wire has reached desired tension.
6. Disengage ratchet.

Note: Jaws can be customized. Please contact us for details.

For more information please refer to the Instructions For Use.



JET WIRE TWISTER
AI-OR-09-001
11" (28 cm)
10 mm tip



ABOUT WIRE AND PIN CUTTERS



SH Medexperts can meet all of your wire and pin cutting requirements with our complete line of Stainless Steel Cutting Instruments.

MADE FROM STAINLESS STEEL

All of our wire cutters are engineered to meet the demanding needs of cutting rods, pins, cables and wires in the Operating Room. Jaws are made from the toughest specially tempered tool steel or have tungsten carbide inserts.

MORE CUTTING POWER

Cutters designed with double action give you more cutting power and help absorb the shock of wire cutting. There is better control and less fatigue for the surgeon.

MOST EXTENSIVE SELECTION

We offer more jaw and handle styles than any other instrument company.

NOTE ON CARBIDE INSTRUMENTS

Instruments with carbide inserts can be replaced; however, welded carbide jaws cannot be replaced.

TO ACHIEVE THE BEST RESULTS WHEN CUTTING WIRES AND PINS, FOLLOW THESE SIMPLE STEPS:

- Choose the appropriate cutter for the wire diameter you want to cut
- Do not exceed the maximum capacity marked on each cutter
- Cut wire in the middle of the jaw—not on the tip or in the corner
- Keep the jaw at right angles to the piece being cut. Do not twist or turn cutter

IMPORTANT NOTE ON MAXIMUM CAPACITIES

All maximum capacities noted in this catalog are based on tests using standard strength implant material. Cutting material which exceeds our recommended maximum capacities may damage or shorten the life of cutting edges and voids the instrument warranty. Please check the size of the material and the maximum capacity of the instrument before using. For more information, please refer to the Instructions For Use.

WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

Wire Cutters



DELICATE WIRE CUTTER



AI-OR-10-001

Delicate side-cutting jaws with carbide inserts.
Especially useful for pediatric, foot and hand surgery.

CATALOG #	DESCRIPTION
AI-OR-10-001	Side cutting with carbide inserts, maximum capacity 0.028" (0.7 mm), 4-7/8" (12.5 cm)

STAINLESS STEEL WIRE CUTTING FORCEPS



AI-OR-10-002

CATALOG #	DESCRIPTION
AI-OR-10-002	6-7/8" (17.5 cm)

WIRE CUTTERS



AI-OR-10-003



AI-OR-10-004

CATALOG #	DESCRIPTION
AI-OR-10-003	Single action, 7-7/8" (20 cm), TC
AI-OR-10-004	Angled jaw, double action, 8-1/2" (21.5 cm), TC



WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

Wire Cutters



SIDE CUTTER



AI-OR-10-005

CATALOG #	DESCRIPTION
AI-OR-10-005	Side cutting, welded carbide jaws, maximum capacity 0.062" (1.6 mm), 7-1/4" (18.5 cm)

SIDE CUTTER



AI-OR-10-006

Welded carbide jaws.

CATALOG #	DESCRIPTION
AI-OR-10-006	Maximum capacity 3/32" (2.4 mm), 9" (23 cm)

K-WIRE SIDE CUTTER



AI-OR-10-007

Welded hardened jaws.

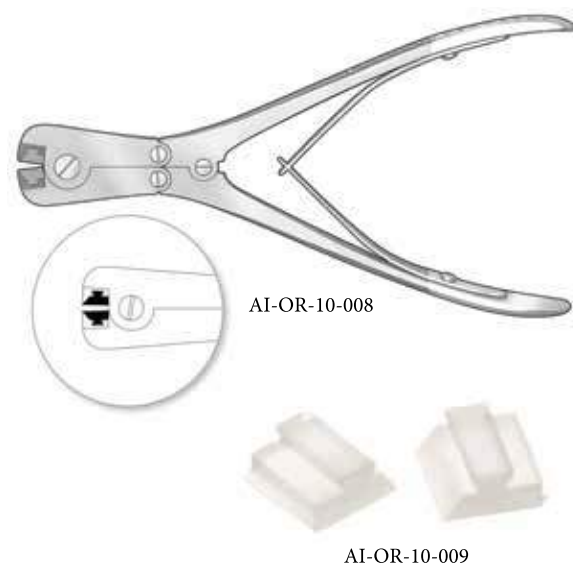
CATALOG #	DESCRIPTION
AI-OR-10-007	Maximum capacity 0.045" (1.1 mm), 6" (15 cm)



WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

Wire Cutters

WIRE CUTTER WITH SAFETY INSERTS



The Wire Cutter with Safety Inserts can help prevent the potentially dangerous occurrence of flying K-Wire pieces in the OR. This instrument is designed to hold the cut piece of wire in its silicon inserts. After cutting, the remnant wire can be safely disposed of, thus preventing cut pieces from falling into the wound site or flying into the air. The silicon inserts are autoclavable and long-lasting. And since inserts are not glued into the jaws, replacement is fast and easy. Simply insert the new ones by pressing them into place. Inserts do not fall out or move under normal circumstances. Front and side cutting, double action.

CATALOG #	DESCRIPTION
AI-OR-10-008	Maximum capacity 0.062" (1.6 mm), 6-7/8" (17.5 cm)
AI-OR-10-009	Set of replacement silicon inserts

DOUBLE ACTION WIRE CUTTERS



AI-OR-10-010

Narrow jaw makes this cutter a favorite with hand and foot surgeons.

CATALOG #	DESCRIPTION
AI-OR-10-010	Angled, side cutting with carbide inserts, maximum capacity 0.062" (1.6 mm), 6-5/8" (17 cm)
AI-OR-10-011	Angled, side cutting with carbide inserts, maximum capacity 3/32" (2.4 mm), 8-1/2" (21.5 cm)

WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

Wire Cutters



FRONT AND SIDE WIRE CUTTER



AI-OR-10-012

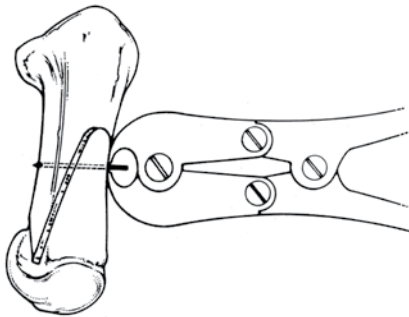
CATALOG #	DESCRIPTION
AI-OR-10-012	Front and side cutting with carbide inserts, double action, maximum capacity 0.062" (1.6 mm), 6-3/4" (17 cm)

FLUSH WIRE CUTTER

This improved version of our Front and Side Cutter cuts flush to the bone like no other wire cutter. This is a big advantage in buried wire procedures.

CATALOG #	DESCRIPTION
AI-OR-10-013	Front and side cutting with carbide inserts, double action, maximum capacity 0.059" (1.5 mm), 6-3/4" (17 cm)

AI-OR-10-013



WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

Wire Cutters



K-WIRE END CUTTER



AI-OR-10-014

CATALOG #	DESCRIPTION
AI-OR-10-014	Maximum capacity 0.045" (1.1 mm), 5-1/2" (14 cm)

END CUTTER



AI-OR-10-015

Welded carbide jaws.

CATALOG #	DESCRIPTION
AI-OR-10-015	Maximum capacity 3/32" (2.4 mm), 8-1/2" (21.5 cm)

Pin Cutters

CANNULATED PIN CUTTER



AI-OR-10-016

Cannulation allows you to slide the cutter over the inserted wire. The piece cut off will be held safely inside the channel.

CATALOG #	DESCRIPTION
AI-OR-10-016	End cutting, maximum capacity 0.062 (1.6 mm), 7-1/4" (18.5 cm)

WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

Pin Cutters



DIAMOND PIN CUTTER



AI-OR-10-017

Disassembles easily for cleaning.

CATALOG #	DESCRIPTION
AI-OR-10-017	End cutting, maximum capacity 5/64" (2 mm), 6-3/8" (16 cm)

END CUTTER



AI-OR-10-018

CATALOG #	DESCRIPTION
AI-OR-10-018	End cutting, welded carbide jaws, maximum capacity 0.062" (1.6 mm), 5-3/4" (14.5 cm)

DOUBLE ACTION PIN CUTTER



AI-OR-10-019

Double action handles give more power to cut pins up to 1/8" (3.2 mm). Side cutting.

CATALOG #	DESCRIPTION
AI-OR-10-019	Maximum capacity 1/8" (3.2 mm), 9-1/2" (24 cm)

WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

Pin Cutters



SIDE PIN CUTTER



AI-OR-10-020

Heavy duty cutter for rods up to 4 mm and heavy Steinmann pins. Slightly angled jaws house long-lasting special carbide inserts for cutting hard titanium and stainless steel rods.

CATALOG #	DESCRIPTION
AI-OR-10-020	Side cutting with carbide inserts, maximum capacity 5/32" (4 mm), 15" (38 cm)

SMALL PIN CUTTER



AI-OR-10-021

CATALOG #	DESCRIPTION
AI-OR-10-021	Maximum capacity 1/8" (3.2 mm), 10-1/4" (26 cm)

MEDIUM PIN CUTTER

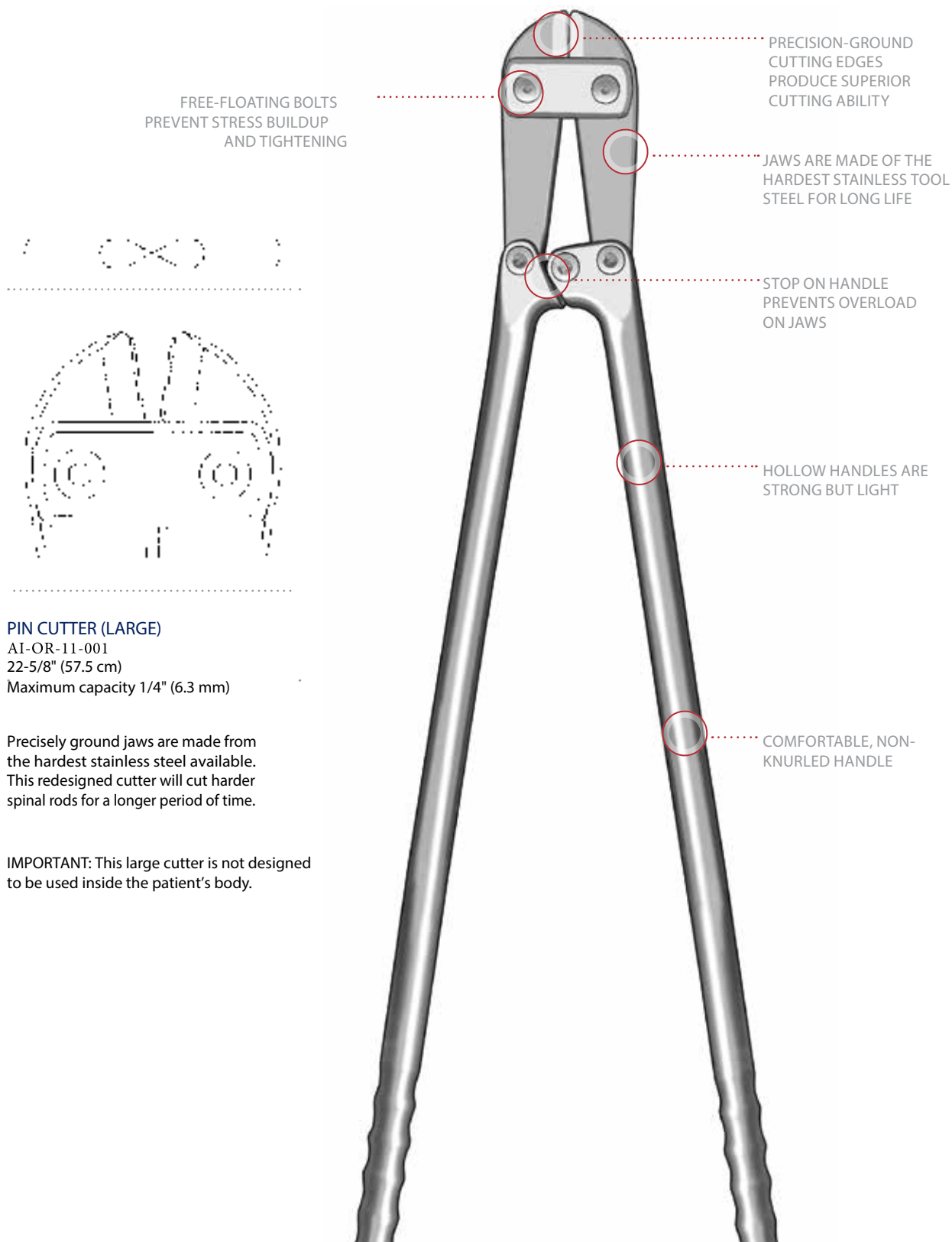


AI-OR-10-022

Heavy duty cutters with replaceable jaws.

CATALOG #	DESCRIPTION
AI-OR-10-022	Maximum capacity 3/16" (4.7 mm), 14-3/8" (36.5 cm)

LARGE PIN CUTTER



PIN CUTTER (LARGE)

AI-OR-11-001

22-5/8" (57.5 cm)

Maximum capacity 1/4" (6.3 mm)

Precisely ground jaws are made from the hardest stainless steel available. This redesigned cutter will cut harder spinal rods for a longer period of time.

IMPORTANT: This large cutter is not designed to be used inside the patient's body.

WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

Pin Cutters



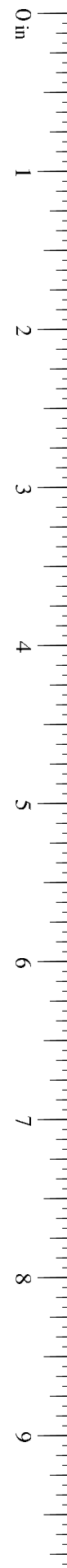
PLATE CUTTING FORCEPS



AI-OR-11-002

For cutting stainless steel mini plates up to 1 mm.

CATALOG #	DESCRIPTION
AI-OR-11-002	Straight, 9-1/4" (24 cm)



CABLE CUTTER

Cuts cleanly through cables without fraying



DURABLE TUNGSTEN CARBIDE JAWS CUT HARD CABLES SMOOTHLY AND EASILY

STRONG JOINT DESIGN IS LONG-LASTING AND ALLOWS PRECISE CUTTING

HANDLE STOP FOR DEFINED JAW TRAVEL

JAW ANGLE CAPTURES THE CABLE, THEN CUTS THROUGH ALL STRANDS AT ONCE – ELIMINATING FRAYED ENDS

LONG-LASTING EXTRA-HEAVY SPRINGS PROVIDE SOLID RETURN

CUTS THROUGH CABLE WITH ONE CUT – REDUCING RISK OF SMALL CABLE PARTICLES FALLING INTO OPERATING SITE

CABLE CUTTER

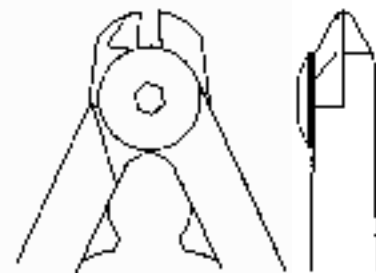
AI-OR-12-001

7" (18 cm)

Maximum capacity 2.0 mm

Cable jaws can be resharpened and replaced.

NOTE: This instrument should only be used for cutting cable. Lubricate joint to ensure proper function.



Small jaw design enables surgeon to get close to bone – even in tight spaces.

POSITIVE HANDLE BARS PROVIDE COMFORTABLE NON-SLIP GRIP AND PRECISE CONTROL

WIRE TWISTERS AND WIRE/PIN/ROD CUTTERS

Rod Cutters



HAND-HELD ROD CUTTER

All of the benefits of the table top cutter in a hand-held model. Cuts rods from 4.76 mm 3/16" to 6.35 mm (1/4").
IMPORTANT: This large cutter is not designed to be used inside the patient's body.

CATALOG #	DESCRIPTION
AI-OR-12-002	Stainless steel with silicone handle, 27" (68.5 cm)

AI-OR-12-002

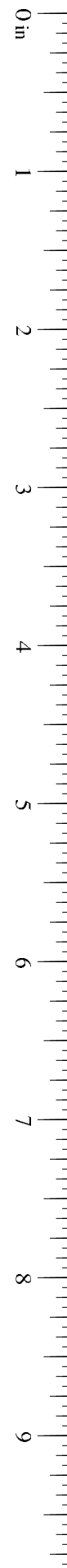


TABLE TOP ROD CUTTER

Provides an easy and safe way to cut spinal rods



TABLE TOP ROD CUTTER AI-OR-13-001
27-1/2" (70 cm)
Cuts rods from 4.76 mm (3/16") to 6.35 mm (1/4")

Powerful double-action jaws enable surgeons to cut 1/4" rods with one hand. Shearing action cuts cleanly – no raised burrs or sharp, jagged edges. Unique cutting process can help prevent the potentially dangerous occurrence of flying rod pieces in the OR.

Ergonomically designed Silicone Handle provides a comfortable, slip-proof grip. Base and handle are perfectly balanced to ensure stability and prevent lifting. Simple, efficient design has no folding levers, loose parts or bearings that can break

HOW TO USE THE TABLE TOP ROD CUTTER:

1. Lift handle up.
2. Insert rod in proper diameter hole.
3. Press handle down.

PLIERS

Pliers



NARROW NOSE WIRE PULLING FORCEPS

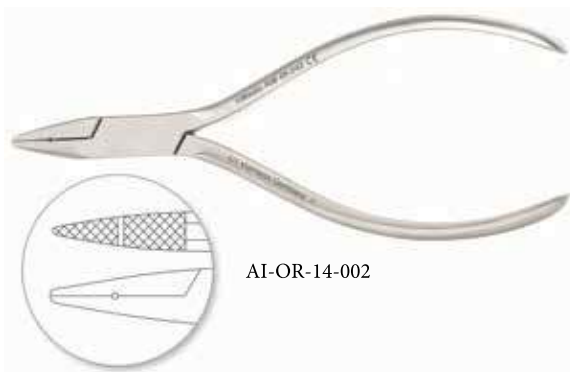


AI-OR-14-001

Extra heavy jaws for pulling K-Wires and Steinmann Pins. An economical alternative to double action pliers. Jaw tapers to 3 mm.

CATALOG #	DESCRIPTION
AI-OR-14-001	3 mm tip, 7-1/2" (19 cm)

NEEDLE NOSE PLIERS



AI-OR-14-002

Delicate needle nose jaws specifically designed to handle cerclage wire. Jaw tapers to 1 mm.

CATALOG #	DESCRIPTION
AI-OR-14-002	Delicate, 5-3/8" (13.5 cm)

PLIERS

Pliers



NEEDLE NOSE PLIERS



AI-OR-14-003

Jaw tapers to 2 mm, making it easier to get close to the bone to remove K-Wires.

CATALOG #	DESCRIPTION
AI-OR-14-003	5-3/8" (13.5 cm)

LONG JAW NEEDLE NOSE PLIERS



AI-OR-14-004

Long delicate jaws are 2 mm AI the tip. Perfect for pulling K-Wires, especially in hard-to-reach sites.

CATALOG #	DESCRIPTION
AI-OR-14-004	Parallel grooved 2" (50 mm) long jaws, 1.5 mm tip, 7" (18 cm)

PLIERS

Pliers



FLAT NOSE PLIERS



AI-OR-14-005

Delicate jaws taper to 2 mm. Made to twist and bend cerclage wire.

CATALOG #	DESCRIPTION
AI-OR-14-005	Delicate, 2 mm tip, 6" (15 cm)

FLAT NOSE PLIERS



AI-OR-14-006

Combination plier and cutter. Cuts all sizes (0.2 mm to 1.5 mm) of cerclage wire. Jaws taper to 3.5 mm.

CATALOG #	DESCRIPTION
AI-OR-14-006	6-1/2" (16.5 cm)

PLIERS

Pliers



FLAT NOSE PLIERS



AI-OR-14-007

For wire manipulation.

CATALOG #	DESCRIPTION
AI-OR-14-007	Broad, 4 mm tip, 5-3/8" (13.5 cm)

PIN PULLING PLIERS



AI-OR-14-008

Tungsten carbide inserts and grooved opposing jaw design grips small pins securely. Small size is well suited for hand procedures. Jaws are 3 mm AI tip.

CATALOG #	DESCRIPTION
AI-OR-14-008	5-1/2" (14 cm), TC

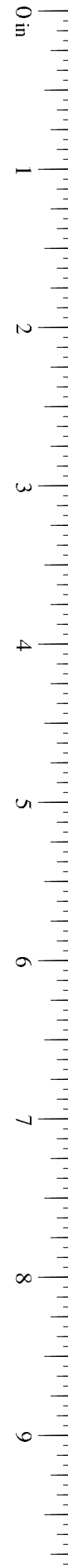
SCREW REMOVAL FORCEPS



AI-OR-14-009

Useful for removing 3.0 mm to 4.5 mm screws.

CATALOG #	DESCRIPTION
AI-OR-14-009	7" (18 cm), with speed lock, TC



PLIERS

Pliers



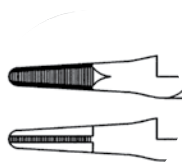
K-WIRE EXTRACTION PLIERS



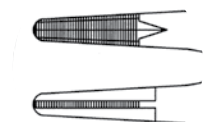
AI-OR-14-010

With screw lock.

CATALOG #	DESCRIPTION
AI-OR-14-010	3 mm tip, 5" (13 cm)
AI-OR-14-011	4 mm tip, 7" (18 cm)



AI-OR-14-010



AI-OR-14-011

WIRE BENDING PLIERS



AI-OR-14-012

CATALOG #	DESCRIPTION
AI-OR-14-012	5-7/8" (15 cm)

PLIERS

Pliers



SLIP JOINT PLIERS

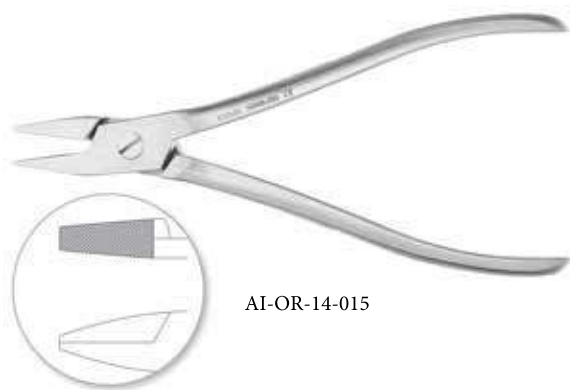


AI-OR-14-013

Traditional design utility pliers with adjustable jaws. Good all-purpose plier for handling Steinmann Pins, K-Wires, screws and rods. 10 mm jaw tip.

CATALOG #	DESCRIPTION
AI-OR-14-013	Maximum opening 2" (5 cm), 8" (20.5 cm)

FLAT NOSE K-WIRE PLIERS

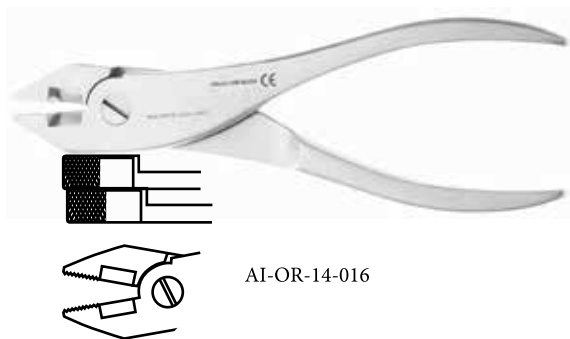


AI-OR-14-015

Multi-purpose plier with flat jaws that taper to 6 mm for pulling K-Wire.

CATALOG #	DESCRIPTION
AI-OR-14-014	6-3/4" (17 cm) 6 mm tip, with side groove for cerclage wire,
AI-OR-14-015	6 mm tip, 6-3/4" (17 cm)

LINEMAN PLIERS



AI-OR-14-016

Combination pliers and K-Wire Cutter. An economical general purpose instrument with cutting edge.

CATALOG #	DESCRIPTION
AI-OR-14-016	Side cutting, maximum capacity .062" (1.6 mm), 8-1/2" (21.5 cm)

PLIERS

Pliers



DOUBLE ACTION WIRE EXTRACTION PLIERS



AI-OR-14-019

- Recommended for heavy use. Double action and finely serrated carbide tips combine to provide a powerful grip on K-Wires and pins.
- 2 mm tip is ideal for removing K-Wire up to 0.62 mm from small, hard-to-reach sites.
- 4 mm and 6 mm jaws are ideal for grasping and pulling all sizes of K-Wires and pins.
- 7-1/4" (18.5 cm).

CATALOG #	DESCRIPTION
AI-OR-14-017	2 mm delicate jaw, TC
AI-OR-14-018	4 mm jaw, TC
AI-OR-14-019	6 mm jaw, TC

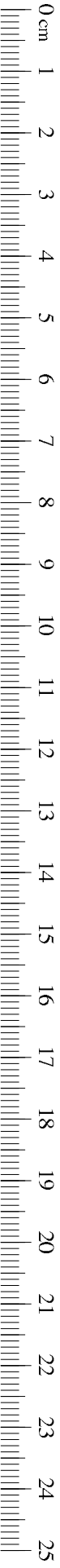
PARALLEL PLIERS



AI-OR-14-020

Parallel grooved 10 mm jaws provide enormous gripping power. Ideal for pin removal.

CATALOG #	DESCRIPTION
AI-OR-14-020	Maximum opening 1/2", 7-1/4" (18.5 cm)



PLIERS

Pliers



PARALLEL PLIERS WITH CUTTER



Combination pliers and wire cutter has all the benefits of our Parallel Pliers plus a cutting jaw for K-Wires up to 0.062" (1.6 mm).



AI-OR-14-021

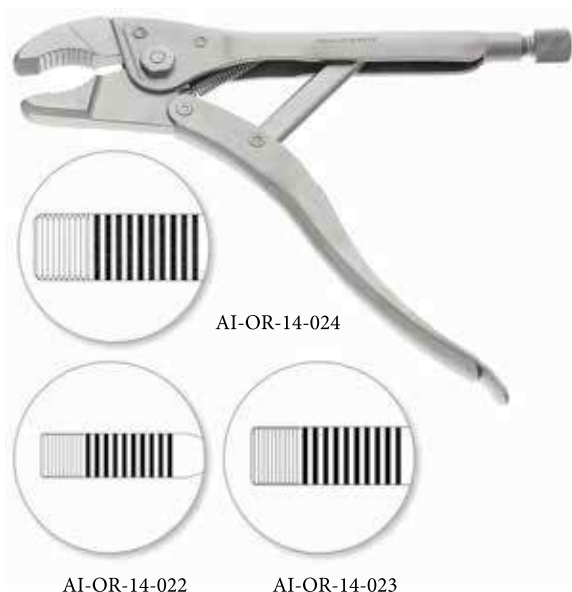
CATALOG #	DESCRIPTION
AI-OR-14-021	Maximum capacity .062" (1.6 mm), 7" (18 cm)

PLIERS

Locking Pliers



HEAVY DUTY LOCKING PLIERS

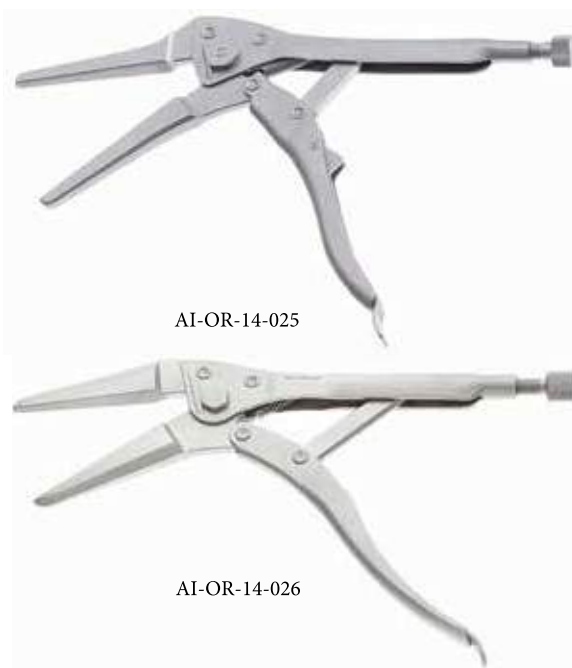


With a new, reinforced, more durable jaw.

- Heavy duty jaws lock securely onto pins.
- Reinforced jaw hinge and housing are more rigid to help prevent side to side shifting.
- Made from 300 and 400 series surgical grade stainless steel.
- Will not chip or contaminate other instrumentation.
- Adjustment screw for easy control of jaw opening.
- One-handed, quick release self-locking lever.
- Available in three sizes.

CATALOG #	DESCRIPTION
AI-OR-14-022	Small, 7 mm wide tip, maximum opening 1" (25 mm), 6-3/4" (17 cm)
AI-OR-14-023	Medium, 9 mm wide tip, maximum opening 1" (25 mm), 8" (20.5 cm)
AI-OR-14-024	Large, 13 mm wide tip, maximum opening 1-1/2" (38 mm), 10" (25.5 cm)

NEEDLE NOSE LOCKING PLIERS



With a new reinforced, more durable jaw.

- New 12" model has an impressive, powerful jaw. The body is made from 2.5 mm stainless steel. This plier will hold up better in the OR than any other needle nose plier – we guarantee it!
- Both pliers have a more durable, reinforced jaw hinge and housing which helps keep the ends in alignment, especially when the plier is twisted.
- Other features: one tapered "V" grooved jaw which locks securely onto pins; adjustment screw; and one-handed, quick release self-locking lever.
- Pliers are made from 300 and 400 series surgical grade stainless steel. Unlike "hardware store" quality, they will not chip or contaminate other instrumentation.

CATALOG #	DESCRIPTION
AI-OR-14-025	9-1/2" (24 cm)
AI-OR-14-026	Large, 12" (30.5 cm)



AI-OR-14-026

PLIERS

Locking Pliers



LOCKING PLIERS WITH SLAPHAMMERS



AI-OR-14-028



AI-OR-14-029

A powerful combination of locked gripping strength and controlled hammer action.

- These stainless steel heavy duty locking pliers with slaphammers enable surgeons to more easily extract prostheses, intramedullary nails and hip fracture plates.
- The large pliers offer maximum versatility – slaphammers can be attached in three places; on the end or on either side. Small and medium pliers have end attachments only.
- If additional force is required, a mallet may be used on the hammer plate.

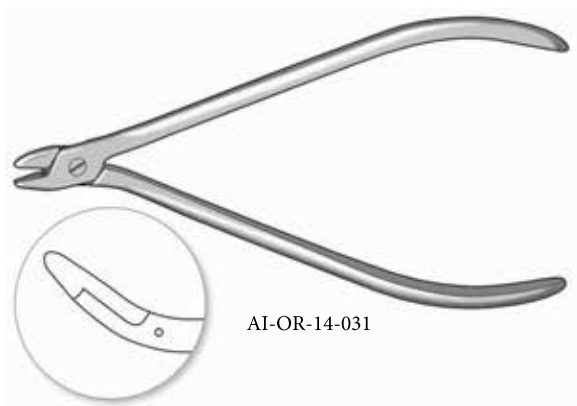
CATALOG #	DESCRIPTION
AI-OR-14-027	Medium, end attachment only, 8" (20.5 cm)
AI-OR-14-028	Large, end and side attachments, 10" (25.5 cm)
AI-OR-14-029	Needle Nose Locking Pliers, medium, end attachment only, 9-1/2" (24 cm)
AI-OR-14-030	Needle Nose Locking Pliers, large, end and side attachments, 12" (30.5 cm)

PLIERS

Plate Bending Pliers



BENDING PLIERS



AI-OR-14-031

For 1.5 mm and 2.0 mm plates.

CATALOG #	DESCRIPTION
AI-OR-14-031	5-3/4" (14.5 cm)

MINI PLATE BENDING PLIERS



AI-OR-14-032

For 1.5 mm and 2.0 mm plates.

CATALOG #	DESCRIPTION
AI-OR-14-032	5-1/8" (13 cm)

PLATE BENDING PLIERS



AI-OR-14-033

For reconstruction plates.

CATALOG #	DESCRIPTION
AI-OR-14-033	9-3/8" (23.5 cm)

PLIERS

Plate Bending Pliers



SMALL PLATE BENDING PLIERS



For 2.7 mm and 3.5 mm plates.

CATALOG #	DESCRIPTION
AI-OR-14-034	7-5/8" (19.5 cm)



AI-OR-14-034

PLATE BENDING PRESS



CATALOG #	DESCRIPTION
AI-OR-14-035	13-3/4" (35 cm)

AI-OR-14-035

PLIERS

Socket Wrenches

COMBINATION WRENCH



AI-OR-14-036

CATALOG #	DESCRIPTION
AI-OR-14-036	11 mm, 5-1/2" (14 cm)

SOCKET WRENCH



AI-OR-14-038

CATALOG #	DESCRIPTION
AI-OR-14-037	11 mm, 7-3/4" (20 cm)
AI-OR-14-038	Chrome vanadium, 11 mm, 6-3/4" (17 cm)

WRENCH

For tightening 8 mm nuts.

CATALOG #	DESCRIPTION
AI-OR-14-039	5-7/8" (15 cm)

AI-OR-14-039

0 in 1 2 3 4 5 6 7 8 9

WIRE GUIDES AND TRACTION BOWS



DEMEL WIRE GUIDES



AI-OR-15-002

CATALOG #	DESCRIPTION
AI-OR-15-001	30 mm diameter, 10-1/2" (26.5 cm)
AI-OR-15-002	47 mm diameter, 11-1/2" (29 cm)
AI-OR-15-003	57 mm diameter, 12-1/2" (32 cm)

WIRE AND PIN TRACTOR (BOEHLER)



AI-OR-15-005

Each Wire and Pin Tractor comes with a pack of 6 trocar round-end Steinmann Pins as listed.

CATALOG #	SIZE	INSIDE LENGTH	INSIDE WIDTH	PIN INCLUDED	PIN SIZE AND DIAMETER
AI-OR-15-004	Small	90 mm	75 mm	KM71432	5" 2.4 mm
AI-OR-15-005	Medium	160 mm	90 mm	KM71434	7" 3.2 mm
AI-OR-15-006	Large	210 mm	150 mm	KM71525	9" 4.0 mm

KIRSCHNER BOWS



AI-OR-15-008

Each Kirschner Bow comes with three hooks.

CATALOG #	DESCRIPTION
AI-OR-15-007	Small, 5-3/4" (14.5 cm)
AI-OR-15-008	Large, 7-1/2" (19 cm)
AI-OR-15-009	Extra large, 9-5/8" (24.5 cm)



LIGATURE CARRIERS AND WIRE PASSERS

WIRE PASSERS (CANNULATED)



Cannulation allows for easy feeding of wire around the bone.

CATALOG #	DESCRIPTION
AI-OR-16-001	45 mm diameter, 7" (18 cm)
AI-OR-16-002	70 mm diameter, 9-1/2" (24 cm)

SUTURE PASSERS



Used to pass sutures in shoulder surgery.
Curved, 9-1/4" (23.5 cm).

CATALOG #	DESCRIPTION
AI-OR-16-003	With crochet hook
AI-OR-16-004	With suture hole

Autoclavable to 290°F (143°C)

DRILLS, DRILL BITS AND GUIDES

Drills — Hand Drills



BUNNELL DRILL



Accepts wires and pins up to 4.0 mm (5/32"). Store chuck key in handle. Body is made of aluminum.

CATALOG #	DESCRIPTION
AI-OR-17-001	Cannulated, 3-jaw stainless Jacobs chuck, includes key chuck, 5-3/4" (14.5 cm)
AI-OR-17-002	Key only, stored in drill handle

MARTIN DRILL



Stainless drill, anodized aluminum handle.

CATALOG #	DESCRIPTION
AI-OR-17-003	10-1/2" (26.5 cm)

MOORE DRILL AND BIT SET

Drill is chrome plated with stainless handle.

CATALOG #	DESCRIPTION
AI-OR-17-004	Moore Drill and complete set of stainless drill bits
AI-OR-17-005	Drill only, 11" (28 cm)
AI-OR-17-006	Drill bit, 70 mm length, 3.2 mm diameter
AI-OR-17-007	Drill bit, 90 mm length, 3.2 mm diameter

AI-OR-17-005

DRILLS, DRILL BITS AND GUIDES

Drills — Hand Drills



RALKS DRILL



AI-OR-17-008

Includes key chuck. Accepts wires and pins up to 6.35 mm (1/4"). Offset handle. Body is made of aluminum.

CATALOG #	DESCRIPTION
AI-OR-17-008	Cannulated, 3-jaw stainless chuck, 5-3/4" (14.5 cm)
AI-OR-17-009	Key only

STILLE-SHERMAN DRILL



AI-OR-17-011

CATALOG #	DESCRIPTION
AI-OR-17-010	Drill and complete set of stainless drill bits and burrs
AI-OR-17-011	Drill only, with quick coupling, chrome plated, stainless handle, 9-1/2" (24 cm)
AI-OR-17-012	Drill bit, 2.5 mm
AI-OR-17-013	Drill bit, 3.0 mm
AI-OR-17-014	Drill bit, 3.5 mm



AI-OR-17-012



AI-OR-17-013



AI-OR-17-014

DRILLS, DRILL BITS AND GUIDES

Drills — Hand Drills



UNIVERSAL DRILL



This hand drill has a two-to-one gear ratio to ensure accurate drilling. The comfortable pistol grip offset handle gives the user perfect control. The chuck shaft and the entire length of the drill are cannulated. The cannulated shaft accepts Steinmann Pins, K-Wire, long shank drills and screwdriver bits up to 4 mm (5/32").

CATALOG #	DESCRIPTION
AI-OR-17-015	Cannulated, stainless chuck, includes key chuck. Chuck accepts wires and pins up to 6.35 mm (1/4"). Body is made of aluminum, 10" (25.5 cm)

HUDSON DRILL BITS



AI-OR-17-016



AI-OR-17-017



AI-OR-17-018

For use with KM48454 Hudson Drill.

CATALOG #	DESCRIPTION
AI-OR-17-016	Cushing Drill bit, 14 mm
AI-OR-17-017	Drill bit, 2 mm
AI-OR-17-018	McKenzie Drill bit, 13 mm
AI-OR-17-019	D'Errico Drill bit, 16 mm

AI-OR-17-019

DRILLS, DRILL BITS AND GUIDES

Drills — Hand Drills



HUDSON DRILL AND BURRS



AI-OR-17-020

Burrs sold separately.

CATALOG #	DESCRIPTION
AI-OR-17-020	Drill only, all stainless steel with improved snap-lock chuck, 10-1/2" (26.5 cm)
AI-OR-17-021	Hudson Burr, 9 mm
AI-OR-17-022	Hudson Burr, 14 mm
AI-OR-17-023	Hudson Burr, 16 mm
AI-OR-17-024	Hudson Burr, 22 mm
AI-OR-17-025	Extension Piece, 3-7/8" (9.5 cm)



AI-OR-17-021



AI-OR-17-022



AI-OR-17-023



AI-OR-17-024



AI-OR-17-025

DRILLS, DRILL BITS AND GUIDES

Drills — Quick Coupling Handles



MINI QUICK COUPLING HANDLE



AI-OR-17-026

For holding quick coupling drills, countersinks, taps and screwdrivers.

CATALOG #	DESCRIPTION
AI-OR-17-026	For mini screw set, 4-1/8" (10.5 cm)
AI-OR-17-027	Rounded phenolic handle, 4-3/8" (11 cm)

QUICK COUPLING T-HANDLE



AI-OR-17-028

For holding quick coupling drills, countersinks, taps and screwdrivers.

CATALOG #	DESCRIPTION
AI-OR-17-028	For small and large screw sets, 3-1/2" (8.5 cm)

QUICK COUPLING HANDLE



AI-OR-17-029

For holding quick coupling drills, countersinks, taps and screwdrivers.

CATALOG #	DESCRIPTION
AI-OR-17-029	4-1/2" (11.5 cm) Autoclavable to 290°F (143°C)

Drills — Adapters

ADAPTER (POWER DRILL)

With quick coupling end.

CATALOG #	DESCRIPTION
AI-OR-17-030	2-1/2" (6.5 cm)

AI-OR-17-030

DRILLS, DRILL BITS AND GUIDES

Drill Bits — Jacobs Chuck End



DRILL BITS



AI-OR-17-038

With round drill chuck end. Designed to fit any Jacobs chuck drill.

CATALOG #	DIAMETER	FLUTE LENGTH	OVERALL LENGTH
AI-OR-17-031	1.0 mm	25 mm	2-1/8" (5.5 cm)
AI-OR-17-032	1.1 mm	11 mm	1-3/4" (4.5 cm)
AI-OR-17-033	1.5 mm	30 mm	2-3/4" (7 cm)
AI-OR-17-034	2.0 mm	38 mm	3-3/8" (8.5 cm)
AI-OR-17-035	2.5 mm	43 mm	3-3/4" (9.5 cm)
AI-OR-17-036	2.7 mm	32 mm	3-3/8" (8.5 cm)
AI-OR-17-037	3.2 mm	40 mm	5-1/8" (13 cm)
AI-OR-17-038	3.2 mm	70 mm	7-1/8" (18 cm)
AI-OR-17-039	3.5 mm	42 mm	3-3/4" (9.5 cm)
AI-OR-17-040	3.5 mm	50 mm	7-1/8" (18 cm)
AI-OR-17-041	4.5 mm	55 mm	5-1/8" (13 cm)
AI-OR-17-042	6.0 mm	70 mm Extra-Long	7-1/8" (18 cm)

Drill Bits — Quick Coupling End

DRILL BITS



AI-OR-17-046

With quick coupling ends. To drill gliding and threaded holes. Designed to fit quick coupling handles KM47902, KM47904 and KM47960.

CATALOG #	DIAMETER	FLUTE LENGTH	WORKING LENGTH	OVERALL LENGTH
AI-OR-17-043	1.1 mm	20 mm	35 mm	2-3/8" (6 cm)
AI-OR-17-044	1.5 mm	23 mm	60 mm	3-3/8" (8.5 cm)
AI-OR-17-045	2.0 mm	50 mm	75 mm	3-7/8" (10 cm)
AI-OR-17-046	2.5 mm	50 mm	85 mm	4-3/8" (11 cm)
AI-OR-17-047	2.7 mm	50 mm	75 mm	3-7/8" (10 cm)
AI-OR-17-048	3.2 mm	50 mm	120 mm	5-3/4" (14.5 cm)
AI-OR-17-049	3.2 mm	50 mm	170 mm Extra-Long	7-5/8" (19.5 cm)
AI-OR-17-050	3.5 mm	50 mm	85 mm	4-3/8" (11 cm)
AI-OR-17-051	3.5 mm	50 mm	170 mm Extra-Long	7-5/8" (19.5 cm)
AI-OR-17-052	4.5 mm	50 mm	120 mm	5-3/4" (14.5 cm)
AI-OR-17-053	4.5 mm	50 mm	170 mm Extra-Long	7-5/8" (19.5 cm)
AI-OR-17-054	6.0 mm	60 mm	170 mm Extra-Long	7-5/8" (19.5 cm)

DRILLS, DRILL BITS AND GUIDES

Drill Bits — Three-Fluted Drill Bits



THREE-FLUTED DRILL BITS



AI-OR-17-060



AI-OR-17-062

With quick coupling ends.

CATALOG #	DIAMETER	FLUTE LENGTH	WORKING LENGTH	OVERALL LENGTH
AI-OR-17-055	2.5 mm	30 mm not calibrated	85 mm	4-3/8" (11 cm)
AI-OR-17-056	2.5 mm	28 mm not calibrated	155 mm	7-1/8" (18 cm)
AI-OR-17-057	2.5 mm	30 mm calibrated	205 mm	9" (23 cm)
AI-OR-17-058	3.2 mm	38 mm not calibrated	120 mm	5-3/4" (14.5 cm)
AI-OR-17-059	3.2 mm	38 mm not calibrated	170 mm	7-5/8" (19.5 cm)
AI-OR-17-060	3.2 mm	30 mm calibrated	205 mm	9" (23 cm)
AI-OR-17-061	4.5 mm	45 mm not calibrated	120 mm	5-3/4" (14.5 cm)
AI-OR-17-062	4.5 mm	58 mm not calibrated	170 mm	7-5/8" (19.5 cm)

DRILLS, DRILL BITS AND GUIDES

Drill Bits — Countersinks



MINI COUNTERSINK



AI-OR-17-063

For mini screws 1.5/2.0 mm. Mini quick coupling end.

CATALOG #	DESCRIPTION
AI-OR-17-063	1.1 mm tip, 2-1/4" (5.5 cm)

SMALL COUNTERSINKS



AI-OR-17-064

For small screws 2.7/3.5/4.0 mm. Quick coupling end.

CATALOG #	DESCRIPTION
AI-OR-17-064	2.0 mm tip, 2-7/8" (7 cm)
AI-OR-17-065	90 degrees, 2.0 mm tip, 2-1/2" (6 cm)

MALLEOLAR COUNTERSINK



AI-OR-17-066

For malleolar screws. Quick coupling end.

CATALOG #	DESCRIPTION
AI-OR-17-066	3.2 mm tip, 4-1/2" (11.5 cm)

DRILLS, DRILL BITS AND GUIDES

Drill Bits — Countersinks



LARGE COUNTERSINK



For large screws 4.5/6.5 mm.

CATALOG #	DESCRIPTION
AI-OR-17-067	4.5 mm tip, 7-1/8" (18 cm)

Drill Bits — Taps

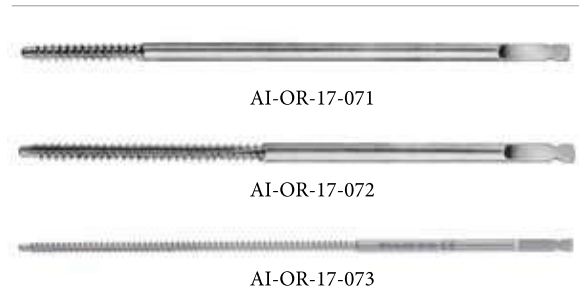
TAPS



With quick coupling ends, calibrated with cm graduations.

CATALOG #	DESCRIPTION
AI-OR-17-068	3.5 mm diameter, for cortical screws, 7"
AI-OR-17-069	Mini quick coupling, 4.5 mm diameter, for cortical screws, 7"
AI-OR-17-070	6.5 mm diameter, for cancellous screws, 8"

TAPS



With quick coupling ends, for 4.5 mm cortical and 4.5 mm malleolar (shaft) screws.

CATALOG #	DESCRIPTION
AI-OR-17-071	5"
AI-OR-17-072	Long thread, 5"
AI-OR-17-073	Extra-long thread, 5"

DRILLS, DRILL BITS AND GUIDES

Drill Guides and Sleeves



DRILL GUIDES



Drill guide ends are color coded.

Green = neutral

Gold = load

CATALOG #	DESCRIPTION
AI-OR-17-079	2.0 mm, neutral and load end, for 2.0 mm drill bit and 2.7 mm cortical screw, 5-3/8" (13.5 cm)
AI-OR-17-080	2.0 mm, neutral and load end, for 1.5 mm drill bit and 2.0 mm cortical screw, 4-3/8" (11 cm)
AI-OR-17-081	2.5 mm, neutral and load end, for 2.5 mm drill bit and 3.5 mm cortical screw, 6-1/8" (15.5 cm)
AI-OR-17-082	3.2 mm, neutral and load end, for 3.2 mm malleolar (shaft) drill bit and 4.5 mm cortical screw, 6-1/2" (16.5 cm)

UNIVERSAL DRILL GUIDE



Can be used as neutral/load drill guide.

CATALOG #	DESCRIPTION
AI-OR-17-083	For 3.5 mm cortical screws and 3.5 mm malleolar (shaft) screws and 2.5 mm drill bits, 5-1/2" (14 cm)
AI-OR-17-084	For 4.5 mm cortical screws and 4.5 mm malleolar (shaft) screws and 3.2 mm drill bits, 7-1/8" (18 cm)

DRILLS, DRILL BITS AND GUIDES

Drill Guides and Sleeves



PARALLEL DRILL GUIDE AND DRILL SLEEVE



AI-OR-17-085

CATALOG #	DESCRIPTION
AI-OR-17-085	2 mm tip, three holes and one hole for 2.0 mm drill bits, 4-1/2" (11.5 cm)

DOUBLE DRILL SLEEVES



AI-OR-17-089

CATALOG #	DESCRIPTION
AI-OR-17-086	For 1.1 mm and 1.5 mm drill bits and tap for 1.5 mm cortical screws
AI-OR-17-087	For 1.5 mm and 2.0 mm drill bits and tap for 2.0 mm cortical screws
AI-OR-17-088	For 2.0 mm and 2.7 mm drill bits and tap for 2.7 mm cortical screws
AI-OR-17-089	For 2.5 mm and 3.5 mm drill bits, tap for 3.5 mm cortical screws and tap for 4.0 mm cancellous screws
AI-OR-17-090	For 3.2 mm and 4.5 mm drill bits, tap for 4.5 mm cortical screws and tap for 4.5 mm malleolar (shaft) screws
AI-OR-17-090	For 3.2 mm drill bits and tap for 6.5 mm cancellous screws

DRILL SLEEVES



AI-OR-17-091

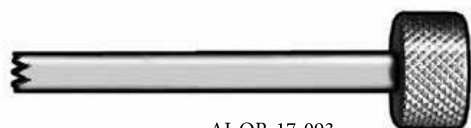
CATALOG #	DESCRIPTION
AI-OR-17-091	40 mm long tip, for 3.2 mm drill bits, for round hole and semi-tubular plates, 4 -1/2" (11.5 cm)
AI-OR-17-092	60 mm long tip, for 3.2 mm drill bits, for round hole plates, 5" (12.5 cm)

DRILLS, DRILL BITS AND GUIDES

Drill Guides and Sleeves



INSERT DRILL SLEEVE



AI-OR-17-093

CATALOG #	DESCRIPTION
AI-OR-17-093	For 2.5 mm drill bits and long 3.5 mm lag screws, 1-5/8" (4 cm)

INSERT DRILL SLEEVE



AI-OR-17-094

CATALOG #	DESCRIPTION
AI-OR-17-094	For 3.2 mm drill bits and 4.5 mm lag screws, 3-1/8" (8 cm)

TAP SLEEVES



AI-OR-17-095

Also can be used as 3.2 mm drill bit guide.

CATALOG #	DESCRIPTION
AI-OR-17-095	For 3.2 mm drill bits, 4-1/2" (11.5 cm)

DRILLS, DRILL BITS AND GUIDES

Drill Guides and Sleeves



TAP SLEEVES



AI-OR-17-096

Also can be used as 4.5 mm drill bit guide.

CATALOG #	DESCRIPTION
AI-OR-17-096	4.5 mm diagonal, with toothed tip and tissue protector sleeve for 4.5 mm tap, 5-1/2" (14 cm)

GUIDEWIRE W/DRILLPOINT

CATALOG #	DESCRIPTION
AI-OR-17-097	2 mm x 98 cm
AI-OR-17-098	3 mm x 98 cm

POINTED DRILL GUIDE



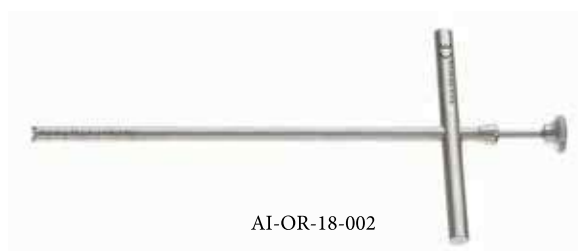
AI-OR-17-099

Used with tap sleeve KM47969 or KM47967.

CATALOG #	DESCRIPTION
AI-OR-17-099	For 4.5 mm cortical screws, 6" (15 cm)

TREPHINES

MICHELE TREPHINE



Designed for bone biopsy. Also facilitates removal of broken bone screws. 7-1/2" (19 cm).

CATALOG #	DESCRIPTION
AI-OR-18-001	Small, 3 mm I.D., 5 mm O.D.
AI-OR-18-002	Medium, 4 mm I.D., 6 mm O.D.
AI-OR-18-003	Large, 6 mm I.D., 8.1 mm O.D.

P.I. PLUG CUTTER



When removing K-Wire, use the Plug Cutter to extract a tiny cylinder of bone around the tip of the wire.

CATALOG #	DESCRIPTION
AI-OR-18-004	3 mm I.D., 5 mm O.D., length with obturator 4-1/2" (11.5 cm)

PLUG CUTTER



- These cutters are especially useful for arthrodesis of small and large joints by plug cutter graft technique.
- The plug cutters are designed to be used in pairs.
- The smaller diameter instrument will cut the plug opening and the larger one will harvest a bone graft that will fit into the opening.
- The plug can then be tapped into place using the Bone Impactor (KM69980).
- 6" (15 cm).

CATALOG #	DESCRIPTION
AI-OR-18-005	5 mm I.D., 7 mm O.D.
AI-OR-18-006	7 mm I.D., 9 mm O.D.
AI-OR-18-007	10 mm I.D., 12 mm O.D.
AI-OR-18-008	12 mm I.D., 14 mm O.D.
AI-OR-18-009	20 mm I.D., 22 mm O.D.
AI-OR-18-010	22 mm I.D., 24 mm O.D.

SCREWDRIVERS

Hex Head



HEXAGONAL SCREWDRIVERS



AI-OR-19-001



AI-OR-19-003

CATALOG #	DESCRIPTION
AI-OR-19-001	2.5 mm screwdriver with sleeve, 7-7/8" (20 cm)
AI-OR-19-002	2.5 mm screwdriver with notch, 8-1/4" (21 cm)
AI-OR-19-003	3.5 mm screwdriver with notch, 9-5/8" (24.5 cm)
AI-OR-19-004	Screw holding sleeve only for KM47952, 2" (5 cm)
AI-OR-19-005	Screw holding sleeve only for KM48368, 3" (8 cm)
AI-OR-19-006	Screw holding sleeve only for KM48349, 5" (12.5 cm)
AI-OR-19-007	Screwdriver only for KM47952

Autoclavable to 290°F (143°C)

HEXAGONAL SCREWDRIVER SHAFT (PELVIC)



AI-OR-19-008



AI-OR-19-009



AI-OR-19-011



AI-OR-19-012

CATALOG #	DESCRIPTION
AI-OR-19-008	2.5 mm with notch, quick coupling end, 6-1/2" (16.5 cm)
AI-OR-19-009	2.5 mm without notch, quick coupling end, 4" (10 cm)
AI-OR-19-010	3.5 mm with notch, quick coupling end, 6-1/2" (16.5 cm)
AI-OR-19-011	Sleeve only for KM47951, 3" (8 cm)
AI-OR-19-012	Sleeve only for KM47961, 5" (12.5 cm)

SCREWDRIVERS

Hex Head

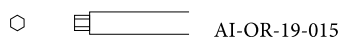


SCREWDRIVER SLEEVES



CATALOG #	DESCRIPTION
AI-OR-19-013	Sleeve only for KM47951, KM48348, KM48364, KM48368, 3" (8 cm)
AI-OR-19-014	Sleeve only for KM48349, KM48353 and KM47961, 5" (12.5 cm)

LARGE HEXAGONAL SCREWDRIVER (PELVIC)



SH 48349 CL 016

CATALOG #	DESCRIPTION
AI-OR-19-015	3.5 mm screwdriver with notch, 11-3/4" (30 cm)
AI-OR-19-016	Screwdriver only, 2.5 mm with notch, 11" (27 cm)
AI-OR-19-017	Sleeve only for KM48353, 5" (12.5 cm)

Autoclavable to 290°F (143°C)

LARGE HEX SCREWDRIVER WITH UNIVERSAL JOINT



AI-OR-19-018

CATALOG #	DESCRIPTION
AI-OR-19-018	3.5 mm tip, 11-5/8" (29.5 cm)

LARGE HEXAGONAL SCREWDRIVER



AI-OR-19-019

CATALOG #	DESCRIPTION
AI-OR-19-019	3.5 mm, quick coupling end, 3-7/8" (10 cm)

SCREWDRIVERS

Hex Head



MINI HEXAGONAL SCREWDRIVER



AI-OR-19-020

AI-OR-19-021

AI-OR-19-022

CATALOG #	DESCRIPTION
AI-OR-19-020	1.5 mm, mini quick coupling end, sleeve included, 2-1/4" (5.5 cm)
AI-OR-19-021	Shaft only, 1.5 mm with notch, mini quick coupling end, 2" (5 cm)
AI-OR-19-022	Screw holding sleeve only

HEXAGONAL SCREWDRIVER SHAFT



AI-OR-19-023

AI-OR-19-024

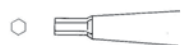
CATALOG #	DESCRIPTION
AI-OR-19-023	2.5 mm with notch, quick coupling end, 5-1/2" (14 cm)
AI-OR-19-024	Sleeve only

SCREWDRIVERS

Hex Head



SCREWDRIVER



AI-OR-19-026

CATALOG #	DESCRIPTION
AI-OR-19-025	1.5 mm hexagonal, 7-7/16" (200 mm)
AI-OR-19-026	2.5 mm hexagonal, 9-27/32" (250 mm)
AI-OR-19-027	3.5 mm hexagonal, 9-27/32" (250 mm)
AI-OR-19-028	Single slot, 9-27/32" (250 mm)
AI-OR-19-029	Cruciform, 9-27/32" (250 mm)
AI-OR-19-030	Phillips, 9-27/32" (250 mm)

Autoclavable to 290°F (143°C)



AI-OR-19-027



AI-OR-19-028



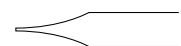
AI-OR-19-029



AI-OR-19-030

SINGLE SLOT SCREWDRIVER

CATALOG #	DESCRIPTION
AI-OR-19-031	Phenolic handle, 6-3/4" (17 cm)



AI-OR-19-031

SR 40355 CUL ONE

SCREWDRIVERS

Cruciform Head



CRUCIFORM SCREWDRIVER



CATALOG #	DESCRIPTION
AI-OR-19-032	1.5 / 2.0 mm screwdriver with sleeve , 7-1/2" (19 cm)
AI-OR-19-033	Screw holding sleeve only for KM47957
AI-OR-19-034	Screwdriver only for KM47957

Autoclavable to 290°F (143°C)

MINI CRUCIFORM SCREWDRIVER BIT



CATALOG #	DESCRIPTION
AI-OR-19-035	1.5 / 2 mm, mini quick coupling end, 2-1/2" (6.5 cm)

SCREWDRIVERS

T-Handle



LARGE HEX SCREWDRIVER W/ T-HANDLE

CATALOG #	DESCRIPTION
AI-OR-19-036	3.5 mm, quick coupling end, 6-7/8" (17.5 cm)

Depth Gauge

SCREW DEPTH GAUGES



AI-OR-19-037

Used to determine screw length required during internal fracture fixation (mm graduated). Snaps apart for easy cleaning. IMPORTANT NOTE: When not in use, retract measuring end inside gauge for probe protection.

CATALOG #	DESCRIPTION
AI-OR-19-037	Mini, up to 30 mm, 4-3/4" (12 cm)
AI-OR-19-038	Small, up to 50 mm, 6-1/4" (16 cm)
AI-OR-19-039	Large, up to 100 mm, 8-3/4" (22 cm)
AI-OR-19-040	Extra-long, up to 120 mm, 11" (28 cm)

SCREWDRIVERS

Screwdriver Sets



INTERCHANGEABLE SCREWDRIVER SET



AI-OR-19-041



AI-OR-19-042



AI-OR-19-043



AI-OR-19-044



AI-OR-19-045

CATALOG #	DESCRIPTION
AI-OR-19-041	Screwdriver handle. Allows K-Wire and pins to be inserted with Jacobs Universal Chuck KM48478. Cannulation 1/4" (6.3 mm), includes key, 5-1/2" (14 cm)
AI-OR-19-042	Single slot, 5-1/2" (14 cm)
AI-OR-19-043	Cruciform, 5-1/2" (14 cm)
AI-OR-19-044	Phillips, 5-1/2" (14 cm)
AI-OR-19-045	Small Phillips, 5-1/2" (14 cm)
AI-OR-19-046	Jacobs Universal Chuck. Allows K-Wire and pins to be inserted with Jacobs Chuck. Cannulation 1/4" (6.3 mm), includes key, 3" (7.5 cm)
AI-OR-19-047	Key for KM48478 Jacobs Universal Chuck
AI-OR-19-048	3.5 mm diameter, 5-1/2" (14 cm)
AI-OR-19-049	2.5 mm diameter, 5-1/2" (14 cm)



AI-OR-19-046



AI-OR-19-048



AI-OR-19-049

SCREWDRIVERS

Screw Holding Forceps



SELF-RETAINING SCREW HOLDING FORCEPS



AI-OR-19-050

CATALOG #	DESCRIPTION
AI-OR-19-050	3-1/2" (9 cm)

SELF-RETAINING SCREW HOLDING FORCEPS



AI-OR-19-052

CATALOG #	DESCRIPTION
AI-OR-19-051	For 1.5 mm to 2.7 mm screws
AI-OR-19-052	For 3.5 mm to 6.5 mm screws

BENDING IRONS AND ROD HOLDERS



UNIVERSAL ROD BENDER



AI-OR-20-001

CATALOG #	DESCRIPTION
AI-OR-20-001	11-1/4" (28.5 cm)

IN SITU ROD BENDERS



AI-OR-20-002



AI-OR-20-003

Used in pairs, 13" (33 cm).

CATALOG #	DESCRIPTION
AI-OR-20-002	Right, bends 3/16" (4.76 mm) rods
AI-OR-20-003	Left, bends 3/16" (4.76 mm) rods
AI-OR-20-004	Right, bends 1/4" (6.35 mm) rods
AI-OR-20-005	Left, bends 1/4" (6.35 mm) rods

ONE-HANDED ROD BENDER



AI-OR-20-006

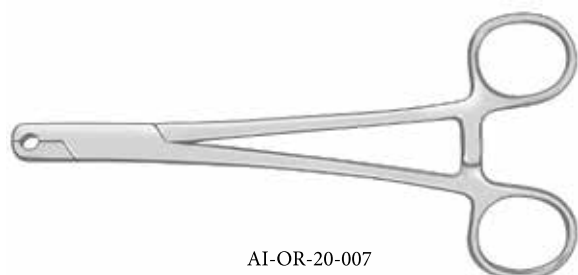
For 3 mm and 4 mm diameter rods.

CATALOG #	DESCRIPTION
AI-OR-20-006	7-1/2" (19 cm)

BENDING IRONS AND ROD HOLDERS



ROD HOLDERS



AI-OR-20-007

With ratchet, 7-1/4" (18.5 cm).

CATALOG #	DESCRIPTION
AI-OR-20-007	Holds 5/32" (4.0 mm) rods
AI-OR-20-008	Holds 3/16" (4.76 mm) rods
AI-OR-20-009	Holds 1/4" (6.35 mm) rods

ROD HOLDERS



AI-OR-20-012

Curved tip, with ratchet, 8-1/4" (21 cm).

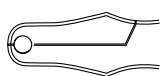
CATALOG #	DESCRIPTION
AI-OR-20-010	Threaded hole, holds 5/32" (4.0 mm) rods
AI-OR-20-011	Threaded hole, holds .177" (4.5 mm) rods
AI-OR-20-012	Without threaded hole, holds .197" (5.0 mm) rods

ROD HOLDER

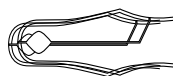
With ratchet, 10" (25.5 cm).

CATALOG #	DESCRIPTION
AI-OR-20-013	Holds 1/4" (6.35 mm) rods, threaded hole
AI-OR-20-014	Prism holds 0.197" (5 mm) and 5.5 mm rods

AI-OR-20-013



AI-OR-20-013



AI-OR-20-014

BENDING IRONS AND ROD HOLDERS



MINI PLATE BENDING IRON



AI-OR-20-015

For mini and finger plates.

CATALOG #	DESCRIPTION
AI-OR-20-015	4-3/4"

SMALL PLATE BENDING IRONS



AI-OR-20-016

Used in pairs. For 3.5 mm and 2.7 mm plates.

CATALOG #	DESCRIPTION
AI-OR-20-016	5-1/2" (14 cm)
AI-OR-20-017	5-1/2" (14 cm)



AI-OR-20-017

STANDARD PLATE BENDING IRON



AI-OR-20-018

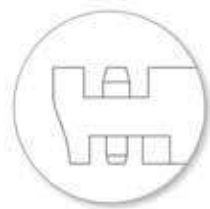
For standard plates, with 4 holes.

CATALOG #	DESCRIPTION
AI-OR-20-018	9-1/2"

BENDING IRONS AND ROD HOLDERS



PLATE BENDING IRON



AI-OR-20-019

CATALOG #	DESCRIPTION
AI-OR-20-019	For 3.5 mm and 4.5 mm plates

BENDING IRONS



AI-OR-20-020

CATALOG #	DESCRIPTION
AI-OR-20-020	For 0.8 - 1.25 mm K-Wires, 4-1/2" (11.5 cm)
AI-OR-20-021	For 1.25, 1.6 and 2 mm K-Wires, 4-3/4" (12 cm)

PLATE HOLDING CLIPS



AI-OR-20-023

CATALOG #	DESCRIPTION
AI-OR-20-022	2.0 mm
AI-OR-20-023	2.7 mm
AI-OR-20-024	3.5 mm

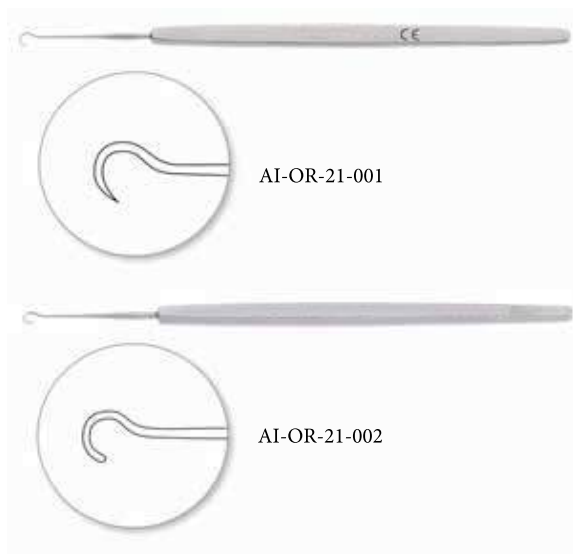
ORTHOPEDIC RETRACTORS

Hand-Held Orthopedic Retractors



FRAZIER HOOKS

5" (12.5 cm).



CATALOG #	DESCRIPTION
AI-OR-21-001	1 sharp prong, 2.5 mm diameter
AI-OR-21-002	1 blunt prong, 2.5 mm diameter

GILLIES HOOKS

7" (18 cm).



CATALOG #	DESCRIPTION
AI-OR-21-003	Small
AI-OR-21-004	Large

ADSON DISSECTOR HOOKS

8" (20.5 cm).



CATALOG #	DESCRIPTION
AI-OR-21-005	Blunt
AI-OR-21-006	Sharp

ORTHOPEDIC RETRACTORS

Hand-Held Orthopedic Retractors



FRAZIER DURA HOOKS



AI-OR-21-008

CATALOG #	DESCRIPTION
AI-OR-21-007	Blunt, 4-3/4" (12 cm)
AI-OR-21-008	Sharp, 4-7/8" (12.5 cm)

HOEN HOOKS



AI-OR-21-009

9-1/4" (23.5 cm).

CATALOG #	DESCRIPTION
AI-OR-21-009	Short prong
AI-OR-21-010	Long prong

SNOOK HOOK



AI-OR-21-011

Veterinary.

CATALOG #	DESCRIPTION
AI-OR-21-011	8" (20.5 cm)

SMITHWICK DISSECTOR AND HOOK



AI-OR-21-012

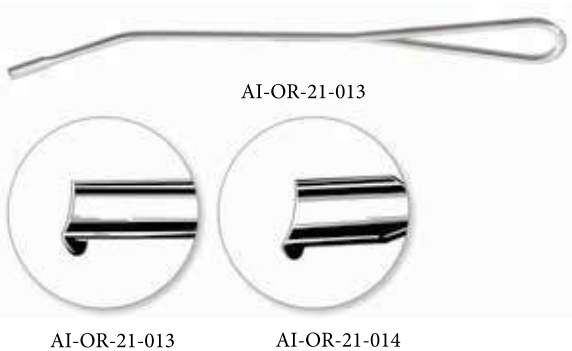
CATALOG #	DESCRIPTION
AI-OR-21-012	12-1/4" (31 cm)

ORTHOPEDIC RETRACTORS

Hand-Held Orthopedic Retractors



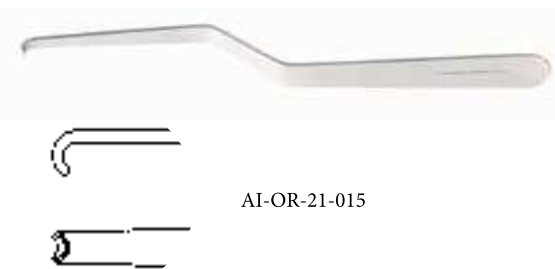
HOLSHER NERVE RETRACTORS



Primarily used to retract the nerve root. Blunt hook.
9-1/2" (24 cm).

CATALOG #	DESCRIPTION
AI-OR-21-013	7 mm blade
AI-OR-21-014	9 mm blade

NERVE ROOT RETRACTOR



Retractor blade lies on same plane as surgeon's finger.
Gives surgeon unobstructed view.

CATALOG #	DESCRIPTION
AI-OR-21-015	6 mm blade, 8-1/4" (21 cm)

BAYONET NERVE RETRACTOR

CATALOG #	DESCRIPTION
AI-OR-21-016	7 mm wide x 1 mm deep blade

ORTHOPEDIC RETRACTORS

Hand-Held Orthopedic Retractors



SCOVILLE NERVE ROOT RETRACTORS



AI-OR-21-017

Angled.

CATALOG #	DESCRIPTION
AI-OR-21-017	8 mm blade, 8" (20.5 cm)
AI-OR-21-018	13 mm blade, 7-5/8" (19.5 cm)

PERPENDICULAR NERVE RETRACTOR

CATALOG #	DESCRIPTION
AI-OR-21-019	7 mm wide x 1 mm deep blade angled 90 degrees

RAGNELL-LINDE RETRACTOR



AI-OR-21-020

Fine cross serrations help prevent slippage.
Double-ended with serrations, 5-1/4" (13.5 cm).

CATALOG #	DESCRIPTION
AI-OR-21-020	4 x 8 mm and 6 x 15 mm blades

ORTHOPEDIC RETRACTORS

Hand-Held Orthopedic Retractors



BLADE RETRACTORS



AI-OR-21-022

CATALOG #	DESCRIPTION
AI-OR-21-021	18 mm wide blade, 7" (18 cm)
AI-OR-21-022	20 mm wide blade, 7" (18 cm)
AI-OR-21-023	23 mm wide blade, 7" (18 cm)

LANGENBECK RETRACTORS



AI-OR-21-025

CATALOG #	DESCRIPTION
AI-OR-21-024	1, 3/8" x 1-1/4" (10 x 32 mm), 8-7/8" (22.5 cm)
AI-OR-21-025	2, 3/8" x 1-3/4" (10 x 45 mm), 8" (20.5 cm)
AI-OR-21-026	3, 1/2" x 1-3/4" (15 x 45 mm), 8-1/2" (21.5 cm)
AI-OR-21-027	4, 5/8" x 1-1/2" (16 x 38 mm), 8" (20.5 cm)

DEEP RAKE RETRACTORS



AI-OR-21-029

10-1/2" (26.5 cm).

CATALOG #	DESCRIPTION
AI-OR-21-028	4 blunt prongs, 2-1/4" wide x 1-1/2" deep (5.5 x 4 cm)
AI-OR-21-029	4 blunt prongs, 2-1/4" wide x 2" deep (5.5 x 5 cm)
AI-OR-21-030	4 blunt prongs, 2-1/4" wide x 2-1/2" deep (5.5 x 6.5 cm)
AI-OR-21-031	4 blunt prongs, 2-1/4" wide x 3" deep (5.5 x 7.5 cm)

ORTHOPEDIC RETRACTORS

Hand-Held Orthopedic Retractors



ISRAEL RAKE RETRACTORS



9-1/2" (24 cm).

CATALOG #	DESCRIPTION
AI-OR-21-032	3 blunt prongs, 30 mm wide x 37 mm deep
AI-OR-21-033	4 blunt prongs, 40 mm wide x 40 mm deep

OLLIER RAKE RETRACTOR



CATALOG #	DESCRIPTION
AI-OR-21-034	4 blunt prongs, 55 mm wide x 40 mm deep blade, 9" (23 cm)

MEYERDING LAMINECTOMY RETRACTORS



Sharp teeth.

CATALOG #	DESCRIPTION
AI-OR-21-035	Small, 17 mm wide blade, 9-1/2" (24 cm)
AI-OR-21-036	Medium, 25 mm wide blade, 9-1/2" (24 cm)
AI-OR-21-037	Large, 50 mm wide blade, 10" (25.5 cm)

ORTHOPEDIC RETRACTORS

Hand-Held Orthopedic Retractors



TAYLOR SPINAL RETRACTORS



AI-OR-21-038

CATALOG #	DESCRIPTION
AI-OR-21-038	1-1/4" wide x 3" long blade (3 x 7.5 cm), 7-3/4" (19.5 cm)
AI-OR-21-039	1-1/4" wide x 4" long blade (3 x 10 cm), 7-3/4" (19.5 cm)

TAYLOR RETRACTORS



AI-OR-21-041

CATALOG #	DESCRIPTION
AI-OR-21-040	Distal tip 3/4" wide and 3" long (20 x 76 mm), overall length 8-1/8" (20.5 cm)
AI-OR-21-041	Distal tip 3/4" wide and 4" long (20 x 102 mm), overall length 8-1/8" (20.5 cm)

HIBBS RETRACTORS



AI-OR-21-043

Used for deep soft tissue retraction. Sharp teeth, 9-1/2" (24 cm).

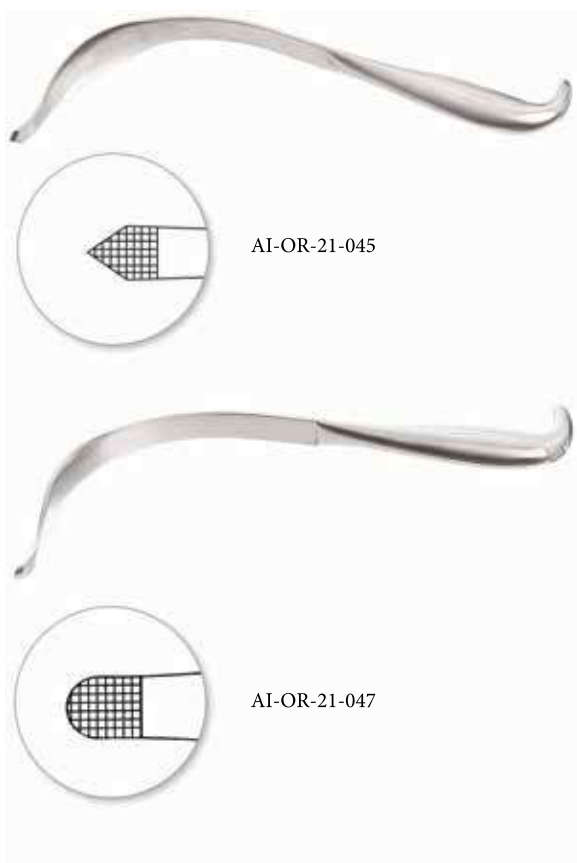
CATALOG #	DESCRIPTION
AI-OR-21-042	25 mm wide x 50 mm deep blade
AI-OR-21-043	26 mm wide x 75 mm deep blade
AI-OR-21-044	25 mm wide x 100 mm deep blade

ORTHOPEDIC RETRACTORS

Hand-Held Orthopedic Retractors

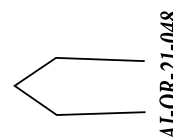
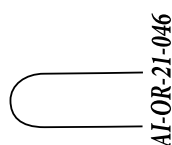


AUFRANC COBRA RETRACTORS



With hollow handle, 1-1/4" wide blade, 10-1/2" (26.5 cm).

CATALOG #	DESCRIPTION
AI-OR-21-045	Serrated, pointed tip, 10 mm
AI-OR-21-046	Smooth, blunt tip, 10 mm
AI-OR-21-047	Serrated, blunt tip, 10 mm
AI-OR-21-048	Smooth, pointed tip, 10 mm



BENNETT BONE ELEVATOR AND RETRACTORS



Hollow handle, 10" (25.5 cm).

CATALOG #	DESCRIPTION
AI-OR-21-049	Small, 1-3/4" (4.5 cm) wide blade
AI-OR-21-050	Large, 2-1/2" wide blade

ORTHOPEDIC RETRACTORS

Hand-Held Orthopedic Retractors



PELVIC RETRACTOR

CATALOG #	DESCRIPTION
AI-OR-21-051	1" (24 mm) wide blade, 1/2" (12 mm) wide distal tip, 10-5/8" (27 cm)

AI-OR-21-051



MURPHY BONE SKID

CATALOG #	DESCRIPTION
AI-OR-21-052	11-3/4" (30 cm)

AI-OR-21-052



ORTHOPEDIC RETRACTORS

Shoulder and Knee Retractors



FUKUDA STYLE SHOULDER RETRACTORS

7" (18 cm).

CATALOG #	DESCRIPTION
AI-OR-21-053	1-1/2" wide x 3-1/4" long blade (4 x 8 cm)
AI-OR-21-054	1-1/4" wide x 3-1/4" long blade (3 x 8 cm)

AI-OR-21-054

CAPSULE RETRACTOR



AI-OR-21-055

CATALOG #	DESCRIPTION
AI-OR-21-055	3 sharp prongs, 22 mm wide blade, 10" (25.5 cm)

BRISTOW/BANKART SOFT TISSUE RETRACTOR



AI-OR-21-056

CATALOG #	DESCRIPTION
AI-OR-21-056	3 blunt prongs, 21 mm wide blade, 7-7/8" (20 cm)

ORTHOPEDIC RETRACTORS

Shoulder and Knee Retractors



BRISTOW/BANKART HUMERAL RETRACTOR

AI-OR-21-057

CATALOG #	DESCRIPTION
AI-OR-21-057	2 blunt prongs, 25 mm wide x 102 mm deep, 7-1/2" (19 cm)

HUMERAL HEAD RETRACTOR



AI-OR-21-058

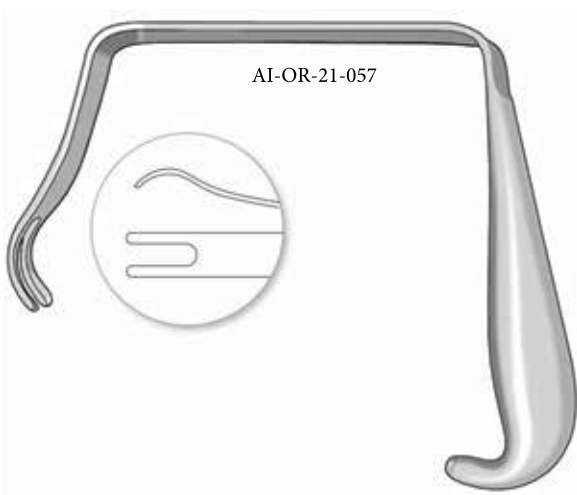
CATALOG #	DESCRIPTION
AI-OR-21-058	18 mm wide blade, 8-3/4" (22 cm)

ORTHOPEDIC RETRACTORS

Shoulder and Knee Retractors



BRISTOW/BANKART HUMERAL RETRACTOR



CATALOG #	DESCRIPTION
AI-OR-21-057	2 blunt prongs, 25 mm wide x 102 mm deep, 7-1/2" (19 cm)

HUMERAL HEAD RETRACTOR



CATALOG #	DESCRIPTION
AI-OR-21-058	18 mm wide blade, 8-3/4" (22 cm)

ORTHOPEDIC RETRACTORS

Shoulder and Knee Retractors



BLOUNT DOUBLE PRONG RETRACTOR



CATALOG #	DESCRIPTION
AI-OR-21-059	1-3/4" (44 mm) wide blade, 10-1/2" (26.5 cm)

BLOUNT KNEE RETRACTOR



CATALOG #	DESCRIPTION
AI-OR-21-060	6 mm wide distal tip, 6-7/8" (17.5 cm)

BLOUNT SINGLE PRONG RETRACTOR



CATALOG #	DESCRIPTION
AI-OR-21-061	1-1/2" (37 mm) width blade, 10-1/2" (26.5 cm)

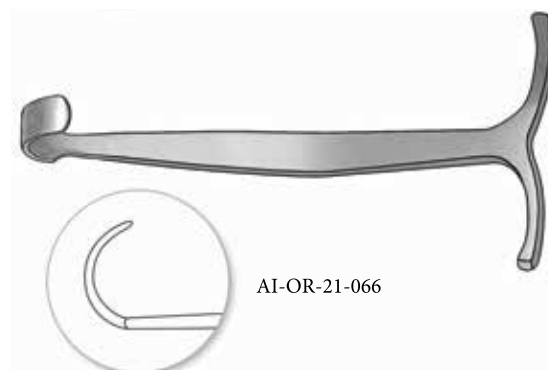
ORTHOPEDIC RETRACTORS

Shoulder and Knee Retractors

SMILLIE KNEE RETRACTORS

5-1/2" (14 cm).

CATALOG #	DESCRIPTION
AI-OR-21-062	Reverse curve, 13 mm wide x 55 mm long blade
AI-OR-21-063	19 mm wide x 30 mm long blade
AI-OR-21-064	19 mm wide x 45 mm long blade
AI-OR-21-065	19 mm wide x 60 mm long blade
AI-OR-21-066	Full curve, 13 mm wide x 18 mm long blade

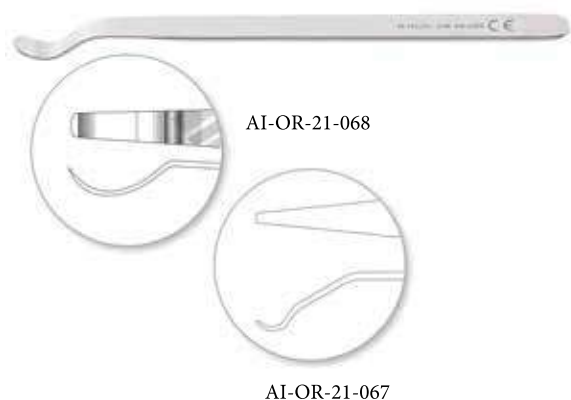


ORTHOPEDIC RETRACTORS

Hohmann Retractors



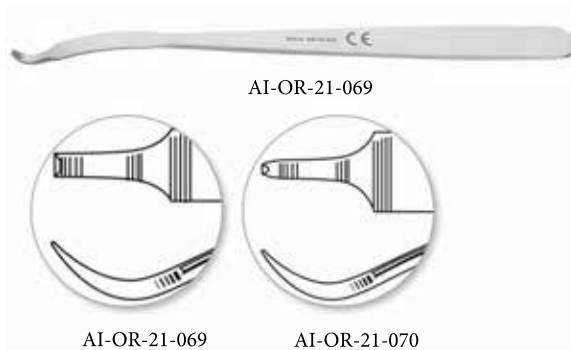
HAYES HAND RETRACTORS



Used to elevate carpals and phalanges during hand procedures.

CATALOG #	DESCRIPTION
AI-OR-21-067	3 mm wide distal tip, 6-1/4" (16 cm)
AI-OR-21-068	6 mm wide distal tip, 6" (15 cm)

MINI HOHMANN RETRACTORS



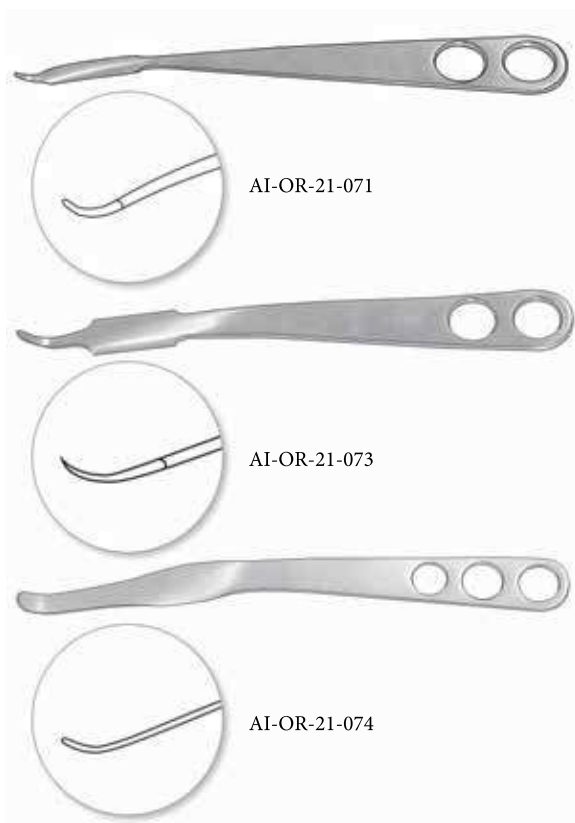
6-1/2" (16.5 cm).

CATALOG #	DESCRIPTION
AI-OR-21-069	6 mm wide blade
AI-OR-21-070	8 mm wide blade

ORTHOPEDIC RETRACTORS

Hohmann Retractors

HOHMANN RETRACTORS



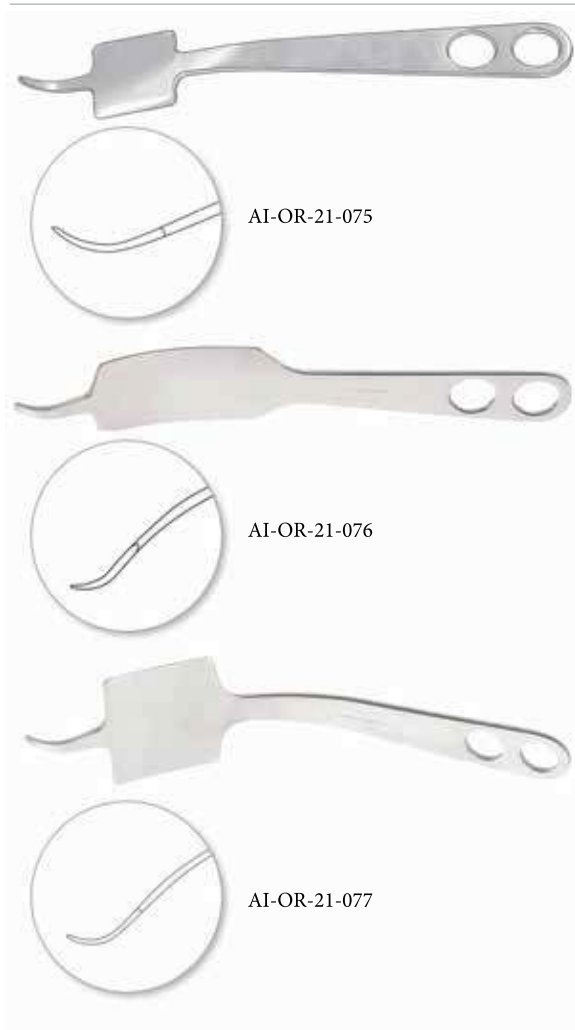
CATALOG #	DESCRIPTION
AI-OR-21-071	8 mm wide blade, 8-1/2" (21.5 cm)
AI-OR-21-072	10 mm wide blade, 9" (23 cm)
AI-OR-21-073	18 mm wide blade, 9" (23 cm)
AI-OR-21-074	22 mm wide blade, three holes, 11" (28 cm)

ORTHOPEDIC RETRACTORS

Hohmann Retractors

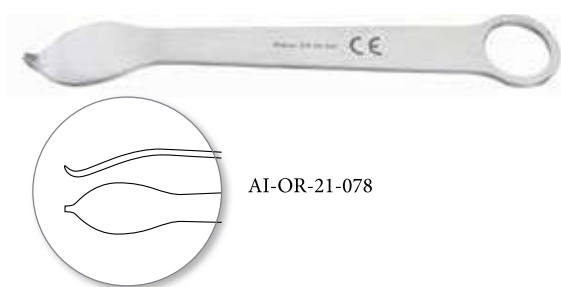


HOHMANN RETRACTORS



CATALOG #	DESCRIPTION
AI-OR-21-075	43 mm wide blade, 9-1/2" (24 cm)
AI-OR-21-076	43 mm wide blade, long 64 mm shank, 9" (23 cm)
AI-OR-21-077	70 mm wide blade, 9-1/2" (24 cm)

HOHMANN RETRACTORS



For small fragments.

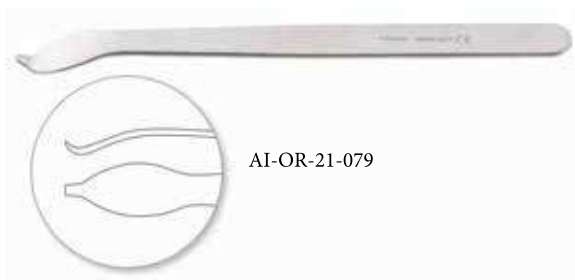
CATALOG #	DESCRIPTION
AI-OR-21-078	Finger ring handle, broad tip, 16 mm wide blade, 4-3/4" (12 cm)



ORTHOPEDIC RETRACTORS

Hohmann Retractors

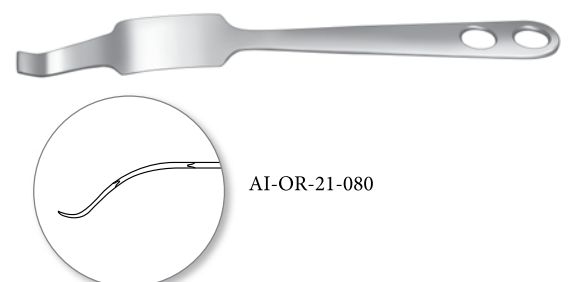
HOHMANN RETRACTORS



AI-OR-21-079

CATALOG #	DESCRIPTION
AI-OR-21-079	Broad tip, 15 mm wide blade, 6" (15 cm)

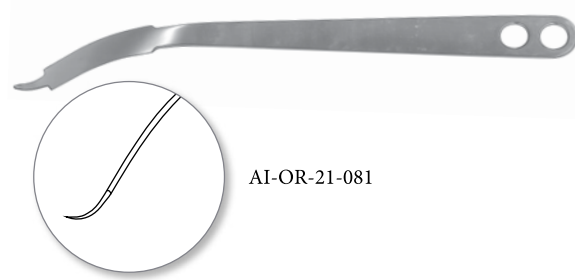
HOHMANN RETRACTORS



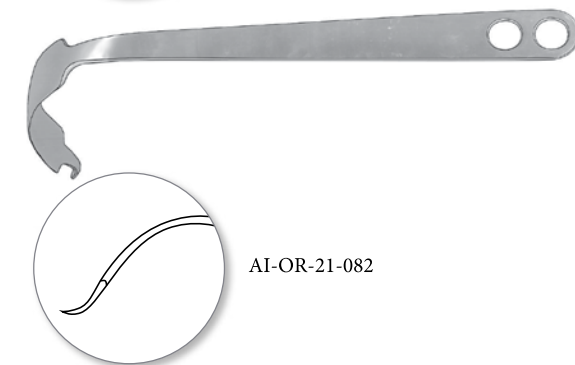
AI-OR-21-080

Useful in exposing acetabulum.

CATALOG #	DESCRIPTION
AI-OR-21-080	35 mm wide blade with wide tip, long 52 mm shank, 1/4" (28.5 cm)
AI-OR-21-081	22 mm wide blade curved 120 degrees, 16" (40.5 cm)
AI-OR-21-082	40 mm wide blade curved 90 degrees, 13" (33 cm)



AI-OR-21-081



AI-OR-21-082



VICKERS FINGER RETRACTOR

The new Vickers Retractors are designed to provide excellent visibility during hand and wrist procedures. Each of the retractors is self-retaining and automatically expands the wound site.

Ideal for retracting wounds on either the front, back or sides of fingers or thumb.



VICKERS FINGER RETRACTOR
AI-OR-22-001
2" x 3/4" x 1-1/4"
(51 mm x 19 mm x 32 mm)
2 x 2 blunt hooks
Maximum opening: 19 mm

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors

VICKERS LOW PROFILE SMALL WOUND RETRACTOR



Useful for small wound retraction.

CATALOG #	DESCRIPTION
AI-OR-22-002	10 mm deep x 12 mm high, curved, smooth blades, maximum opening 30 mm, center blade 10 mm x 16 mm, 2-1/2" x 3" (6.5 x 7.5 cm)

VICKERS LOW PROFILE HAND RETRACTOR



With three blunt prongs to secure placement.

CATALOG #	DESCRIPTION
AI-OR-22-003	3 x 3 prongs, 3-1/4" (8.5 cm)

VICKERS UNIVERSAL RETRACTOR



With two blunt prongs to secure placement.

CATALOG #	DESCRIPTION
AI-OR-22-004	2 x 2 blunt prongs, 8 mm deep x 17 mm high, maximum opening 30 mm, center blade 10 mm x 16 mm, 2-1/2" x 3" (64 x 75 mm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



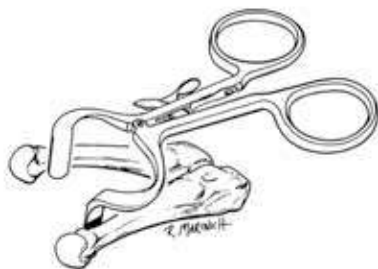
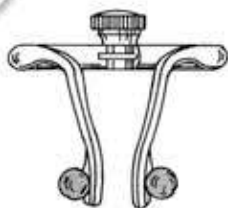
COX METATARSAL SPREADER



AI-OR-22-005

- Specially designed thin serrated blades fit anatomically correct against the metatarsals.
- Precise design assures slip-proof hold on metatarsals.
- Affords excellent visibility for the surgeon.
- Designed by Dr. Kenneth Cox.

CATALOG #	DESCRIPTION
AI-OR-22-005	11 mm wide blades, 4-1/2" (11.5 cm)



MALTZ-SEEBURGER RETRACTORS



AI-OR-22-006

CATALOG #	DESCRIPTION
AI-OR-22-006	4-1/2" (11.5 cm)
AI-OR-22-007	5-1/2" (14 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



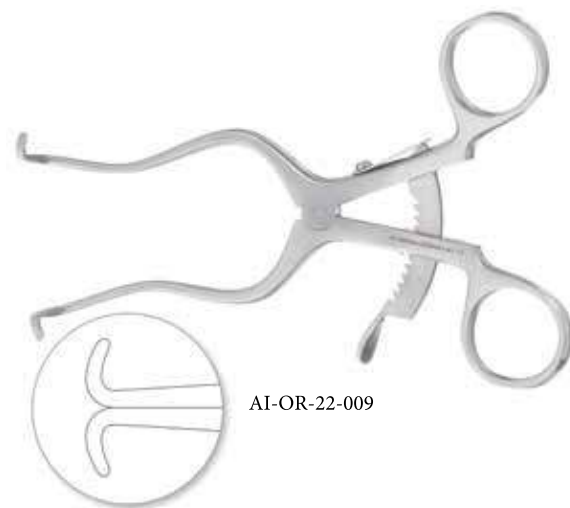
SNITMAN ENDAURAL RETRACTOR



AI-OR-22-008

CATALOG #	DESCRIPTION
AI-OR-22-008	3 x 3 sharp prongs

TISSUE RETRACTOR



AI-OR-22-009

CATALOG #	DESCRIPTION
AI-OR-22-009	1 x 1 blunt prongs, 13 mm deep, 5-1/4" (13.5 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



KOLBEL SOFT TISSUE RETRACTOR



AI-OR-22-010

CATALOG #	DESCRIPTION
AI-OR-22-010	Angled, 2 x 2-pronged, 7" (18 cm)

SCALP CONTOUR RETRACTORS



AI-OR-22-011

Useful in hand procedures because handle is non-obstructive.

CATALOG #	DESCRIPTION
AI-OR-22-011	3 x 4 blunt prongs, 5-1/2" (14 cm)
AI-OR-22-012	3 x 4 sharp prongs, 5-1/2" (14 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



D'ERRICO-ADSON RETRACTOR



AI-OR-22-013

Angular prongs are heavier than those on a standard Adson.

CATALOG #	DESCRIPTION
AI-OR-22-013	4 x 4 sharp prongs, 3/4" (2 cm) deep blade, 7-3/8" (19 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



MEYERDING LAMINECTOMY RETRACTORS



AI-OR-22-015

Sharp blades, 6-1/2" (16.5 cm).

CATALOG #	DESCRIPTION
AI-OR-22-014	Blades 57 mm deep x 25 mm wide
AI-OR-22-015	Blades 51 mm deep x 25 mm wide
AI-OR-22-016	Blades 41 mm deep x 25 mm wide

MARKHAM-MEYERDING HEMILAMINECTOMY RETRACTORS



AI-OR-22-017

AI-OR-22-018

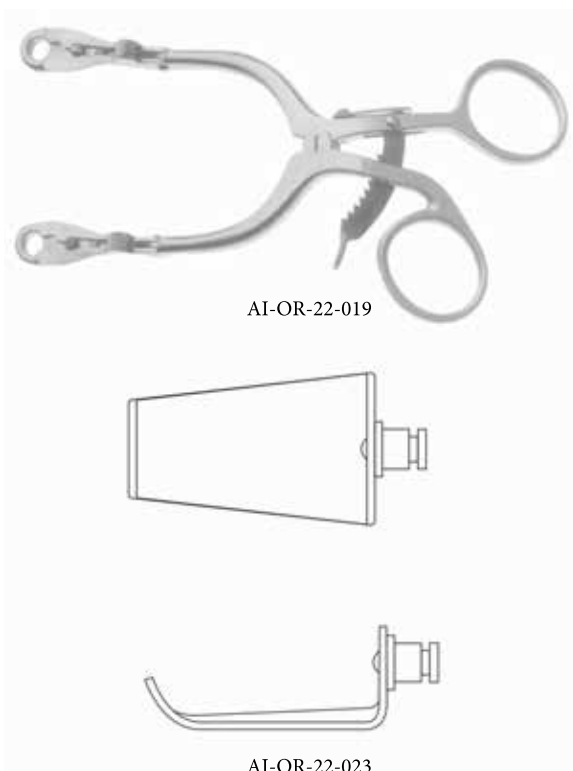
CATALOG #	DESCRIPTION
AI-OR-22-017	Left sharp blade 60 mm deep x 25 mm wide, 7" (18 cm)
AI-OR-22-018	Right sharp blade 60 mm deep x 25 mm wide, 7" (18 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



CERVICAL RETRACTOR SET



CATALOG #	DESCRIPTION
AI-OR-22-019	Cervical retractor body, small, 6" (15 cm)
AI-OR-22-020	25 mm deep blade, blunt
AI-OR-22-021	30 mm deep blade, blunt
AI-OR-22-022	35 mm deep blade, blunt
AI-OR-22-023	40 mm deep blade, blunt
AI-OR-22-024	45 mm deep blade, blunt
AI-OR-22-025	50 mm deep blade, blunt
AI-OR-22-026	55 mm deep blade, blunt

GELPI-SELETZ RETRACTOR

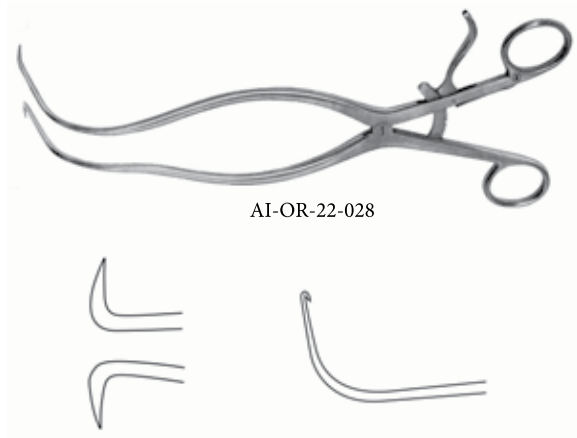


CATALOG #	DESCRIPTION
AI-OR-22-027	Sharp points, deep blades, 6-1/4" (16 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors

WILTSE-GELPI RETRACTOR



CATALOG #	DESCRIPTION
AI-OR-22-028	Deep blades, sharp points, 10-7/8" (27.5 cm)

ADSON RETRACTOR



Hinged arm design.

CATALOG #	DESCRIPTION
AI-OR-22-029	4 x 5 blunt prongs, 13" (33 cm)

BECKMAN RETRACTOR



CATALOG #	DESCRIPTION
AI-OR-22-030	4 x 4 sharp prongs, 27 mm, side blade 5/8" (1.5 cm) deep, 12-1/4" (31 cm)
AI-OR-22-031	4 x 4 blunt prongs, 27 mm, side blade 5/8" (1.5 cm) deep, 12-1/4" (31 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



BECKMAN-EATON RETRACTOR



AI-OR-22-032

CATALOG #	DESCRIPTION
AI-OR-22-032	7 x 7 sharp prongs, 40 x 48 mm, 12-1/4" (31 cm)

BECKMAN-ADSON LAMINECTOMY RETRACTORS



AI-OR-22-033

4 x 4 prongs, hinged blades 25 mm high, 12-1/4" (31 cm).

CATALOG #	DESCRIPTION
AI-OR-22-033	Blunt, 25 mm deep
AI-OR-22-034	Blunt, 44 mm deep, max. opening 6"
AI-OR-22-035	Sharp, 44 mm deep
AI-OR-22-036	Sharp, 25 mm deep, max. opening 5-11/16"

BECKMAN-WEITLANER RETRACTORS



AI-OR-22-037

With hinged blades. Satin finish, 9-1/2" (24 cm).

CATALOG #	DESCRIPTION
AI-OR-22-037	3 x 4 sharp prongs, 22 mm
AI-OR-22-038	3 x 4 blunt prongs, 22 mm

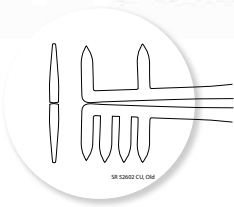
HORIZONTAL RETRACTOR



AI-OR-22-039

Primarily used to retract detached trochanter from the stump of the femoral neck. Hinged arms allow handles to be angled away from surgical site to minimize interference.

CATALOG #	DESCRIPTION
AI-OR-22-039	Hinged blades, 4 x 2 sharp prongs, 12-1/4" (31 cm)



ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



VERTEBRA SPREADER (CLOWARD)



CATALOG #	DESCRIPTION
AI-OR-22-040	1 with ratchet, 3/4" (19 mm) spread, 5" (12.5 cm)

LUMBAR LAMINA SPREADERS



CATALOG #	DESCRIPTION
AI-OR-22-041	1, arm length, 3-1/2" (9 cm), 5-1/4" (13.5 cm)
AI-OR-22-042	2, arm length, 4-1/4" (11 cm), 5-1/4" (13.5 cm)

VERTEBRAL BODY DISTRACTORS



CATALOG #	DESCRIPTION
AI-OR-22-043	Small
AI-OR-22-044	Large, 11 mm wide x 3.8 mm deep jaws, 11-1/4" (28.5 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



INGE RETRACTOR



AI-OR-22-045

Available with or without teeth.

CATALOG #	DESCRIPTION
AI-OR-22-045	With teeth, 6-1/2" (16.5 cm)
AI-OR-22-046	Without teeth, 6-1/2" (16.5 cm)
AI-OR-22-047	With teeth, 10-3/8" (26.5 cm)

SAXENA BONE GRAFTING RETRACTOR



AI-OR-22-048

- Ratchet is calibrated in millimeters to accurately assess how wide the lateral portion of the bone graft needs to be.
- Helpful in many types of procedures to accurately assess the amount of bone graft needed, such as for fusions and nonunions.

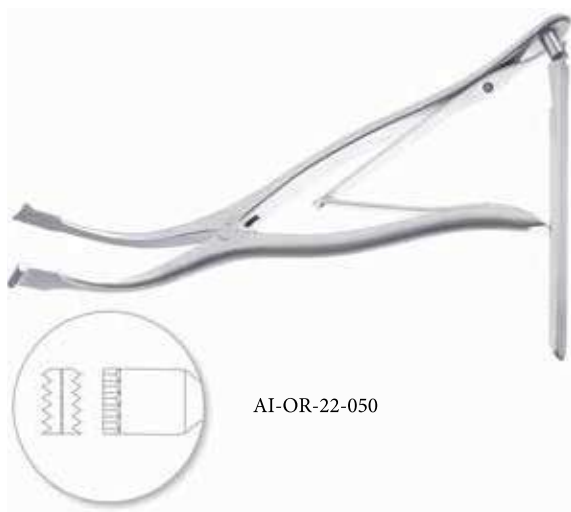
CATALOG #	DESCRIPTION
AI-OR-22-048	35 mm graduated ratchet, 6-1/2" (16.5 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



LAMINA SPREADERS



AI-OR-22-050

CATALOG #	DESCRIPTION
AI-OR-22-049	Concave blades, 10-1/2" (26.5 cm)
AI-OR-22-050	Flat blades, 10-3/4" (27.5 cm)



AI-OR-22-049



ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



INITIAL INCISION (CHARNLEY) RETRACTOR



Used primarily for hip procedures.

CATALOG #	DESCRIPTION
AI-OR-22-051	4 sharp prongs, stainless steel, maximum retraction width 9-3/4" (24.5 cm), prong depth 1-1/4" (32 mm), blade width 1" (25 mm), weight 3 lbs. Other blades are available
AI-OR-22-052	Frame only
AI-OR-22-053	Short blade, 1-1/4" deep x 1" wide (34 x 25 mm)
AI-OR-22-054	Short blade, 2" deep x 1" wide (51 x 25 mm)
AI-OR-22-055	Short blade, 2-1/4" deep x 1" wide (57 x 25 mm)
AI-OR-22-056	Short blade, 2-1/2" deep x 1" wide (64 x 25 mm)
AI-OR-22-057	Short blade, 3" deep x 1" wide (77 x 25 mm)
AI-OR-22-058	Short blade, 4" deep x 1" wide (102 x 25 mm)
AI-OR-22-059	Short blade, 5" deep x 1" wide (127 x 25 mm)
AI-OR-22-060	Long blade, 1-1/4" deep x 1" wide (34 x 25 mm)
AI-OR-22-061	Long blade, 2" deep x 1" wide (51 x 25 mm)
AI-OR-22-062	Long blade, 2-1/4" deep x 1" wide (57 x 25 mm)
AI-OR-22-063	Long blade, 2-1/2" deep x 1" wide (64 x 25 mm)
AI-OR-22-064	Long blade, 3" deep x 1" wide (77 x 25 mm)
AI-OR-22-065	Long blade, 4" deep x 1" wide (102 x 25 mm)
AI-OR-22-066	Long blade, 5" deep x 1" wide (127 x 25 mm)

SCOVILLE HEMILAMINECTOMY RETRACTOR BODY



CATALOG #	DESCRIPTION
AI-OR-22-067	Spread 6-3/4" (17 cm), arm length 5-1/2" (14 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



HAVERFIELD-SCOVILLE HEMILAMINECTOMY RETRACTOR BODY



AI-OR-22-068

CATALOG #	DESCRIPTION
AI-OR-22-068	Body only, 8-3/8" (21.5 cm)

SCOVILLE-HAVERFIELD RETRACTOR BLADE



AI-OR-22-069

CATALOG #	DESCRIPTION
AI-OR-22-069	1" x 3-1/2"

MEYERDING BLADES



AI-OR-22-071

CATALOG #	DESCRIPTION
AI-OR-22-070	1" wide x 2 1/4" deep (25 x 57 mm)
AI-OR-22-071	1" wide x 3" deep (25 x 76 mm)
AI-OR-22-072	2" wide x 3-1/4" deep (51 x 83 mm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



SCOVILLE BLADES



AI-OR-22-073

Solid.

CATALOG #	DESCRIPTION
AI-OR-22-073	1" wide x 2-1/2" deep (25 mm x 64 mm)
AI-OR-22-074	2" wide x 2-1/2" deep (51 mm x 64 mm)
AI-OR-22-075	1-1/8" wide x 2-5/8" deep (29 mm x 67 mm)
AI-OR-22-076	1" wide x 3-1/2" deep (25 mm x 89 mm)

HIBBS BLADES



AI-OR-22-079

CATALOG #	DESCRIPTION
AI-OR-22-077	1" wide x 2" deep (25 x 51 mm)
AI-OR-22-078	1" wide x 2-1/2" deep (25 x 64 mm)
AI-OR-22-079	1" wide x 3" deep (25 x 76 mm)
AI-OR-22-080	1" wide x 4" deep (25 x 102 mm)
AI-OR-22-081	1-1/2" wide x 2-1/2" deep (38 x 64 mm)
AI-OR-22-082	1-1/2" wide x 3" deep (38 x 76 mm)
AI-OR-22-083	2" wide x 2" deep (51 x 51 mm)
AI-OR-22-084	2" wide x 3" deep (51 x 76 mm)
AI-OR-22-085	2" wide x 4" deep (51 x 102 mm)

TAYLOR LAMINECTOMY BLADE



AI-OR-22-086

CATALOG #	DESCRIPTION
AI-OR-22-086	3 prongs, 1-1/2" wide x 1-3/4" deep (38 x 44 mm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



SCOVILLE BLADES



AI-OR-22-087

4-prong.

CATALOG #	DESCRIPTION
AI-OR-22-087	1-1/2" wide x 1-5/8" deep (38 x 41 mm)
AI-OR-22-088	1-7/8" wide x 2-5/8" deep (48 x 67 mm)

TAYLOR LAMINECTOMY BLADES



AI-OR-22-089

4-prong.

CATALOG #	DESCRIPTION
AI-OR-22-089	2" wide x 1-7/8" deep (51 x 48 mm)
AI-OR-22-090	2-1/4" wide x 3-1/8" deep (57 x 79 mm)
AI-OR-22-091	2-1/2" wide x 2-1/2" deep (64 x 64 mm)

TAYLOR SPINAL BLADES



AI-OR-22-093

CATALOG #	DESCRIPTION
AI-OR-22-092	1-1/4" wide x 3" deep (32 x 76 mm)
AI-OR-22-093	1-1/4" wide x 4" deep (32 x 102 mm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



SCOVILLE BLADES



AI-OR-22-094

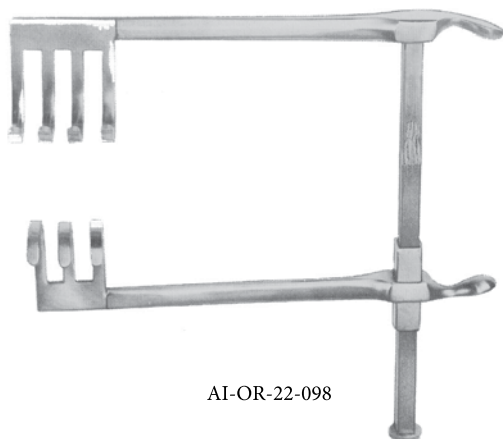


AI-OR-22-096

Hook style.

CATALOG #	DESCRIPTION
AI-OR-22-094	2" deep (51 mm)
AI-OR-22-095	3" deep (76 mm)
AI-OR-22-096	2" deep (51 mm) with cross bar
AI-OR-22-097	2-3/4" deep (70 mm) with cross bar

FRAZIER LAMINECTOMY RETRACTOR



AI-OR-22-098

CATALOG #	DESCRIPTION
AI-OR-22-098	3 x 4 blunt prongs, spread 3-1/2" (9 cm), arm length 5" (12.5 cm)

ORTHOPEDIC RETRACTORS

Self-Retaining Orthopedic Retractors



CRUTCHFIELD TONGS



AI-OR-22-099

CATALOG #	DESCRIPTION
AI-OR-22-099	With two drills, 4-7/8" (12.5 cm)



BONE HOLDING INSTRUMENTS

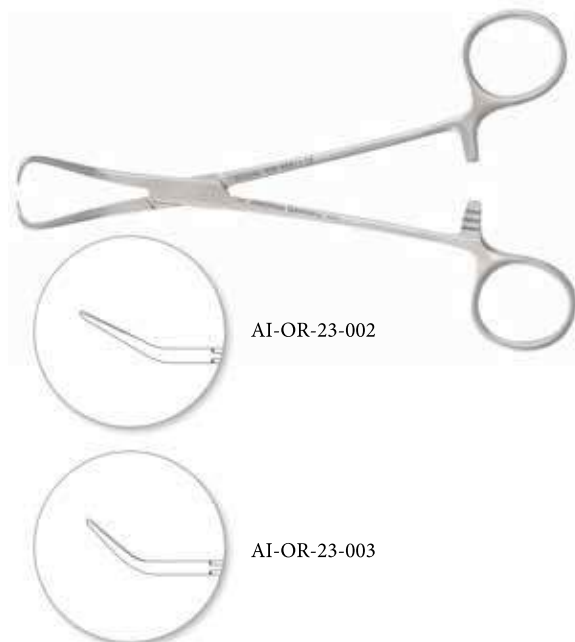
Bone Holding Forceps

LEWIN BONE HOLDING FORCEPS



CATALOG #	DESCRIPTION
AI-OR-23-001	Serrated, 7" (18 cm)

GLENOID PERFORATING FORCEPS



Pointed tips, 6-1/2" (17 cm).

CATALOG #	DESCRIPTION
AI-OR-23-002	Slightly curved
AI-OR-23-003	Strongly curved

BONE HOLDING INSTRUMENTS

Bone Holding Forceps

BONE HOLDING FORCEPS



AI-OR-23-004

For positioning K-Wire up to 0.035" (0.9 mm).

CATALOG #	DESCRIPTION
AI-OR-23-004	Curved, with 0.035" (0.9 mm) K-Wire guide, 6-3/4" (17 cm)

BONE HOLDING FORCEPS



AI-OR-23-005

For positioning K-Wire up to 0.062" (1.6 mm).

CATALOG #	DESCRIPTION
AI-OR-23-005	Curved, with 0.062" (1.6 mm) K-wire guide, 5-1/2" (14 cm)

BONE HOLDING INSTRUMENTS

Bone Holding Forceps



BONE HOLDING FORCEPS

Curved, with K-Wire guide, 5" (13 cm).

CATALOG #	DESCRIPTION
AI-OR-23-006	0.035" (0.9 mm)
AI-OR-23-007	0.045" (1.1 mm)
AI-OR-23-008	0.062" (1.6 mm)



AI-OR-23-006

LOCKE PHALANGEAL FORCEPS

Very useful for removing the sesamoid bone.

CATALOG #	DESCRIPTION
AI-OR-23-009	Serrated, 1 x 2 teeth, 6" (15 cm)

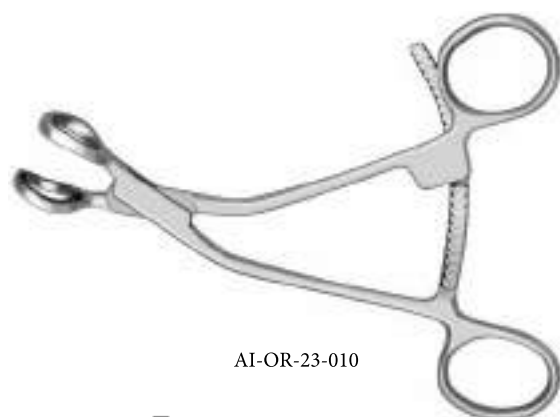


AI-OR-23-009

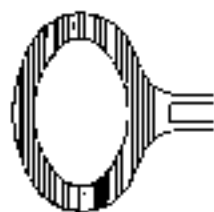
BONE HOLDING INSTRUMENTS

Bone Holding Forceps

BONE HOLDING FORCEPS



AI-OR-23-010



Angled, with fenestration.

CATALOG #	DESCRIPTION
AI-OR-23-010	Inside fenestration 22 x 14 mm, outside fenestration 30 x 20 mm, ratchet length 3" (76 mm), overall length 6" (15 cm)

MALLEOLAR BONE HOLDING FORCEPS



AI-OR-23-011

Grasping forceps for small bones.

CATALOG #	DESCRIPTION
AI-OR-23-011	1 x 1 sharp points, 8-1/4" (21 cm)

BONE HOLDING INSTRUMENTS

Bone Holding Forceps



PARHAM-MARTIN BONE CLAMP



Fit thin end of band through slot in other end of band.
Insert thin end into clamp. 8-1/4" (21 cm).

CATALOG #	DESCRIPTION
AI-OR-23-012	Bands not included
AI-OR-23-013	Single band only

PLATE AND BONE HOLDING FORCEPS



For positioning small bone plates.

CATALOG #	DESCRIPTION
AI-OR-23-014	5-3/8" (14 cm)

BONE HOLDING INSTRUMENTS

Bone Holding Forceps



PLATE AND BONE HOLDING FORCEPS



AI-OR-23-015

For positioning mini bone plates.

CATALOG #	DESCRIPTION
AI-OR-23-015	1 pointed tip, 5-1/4" (14 cm)

SEMB BONE HOLDING FORCEPS

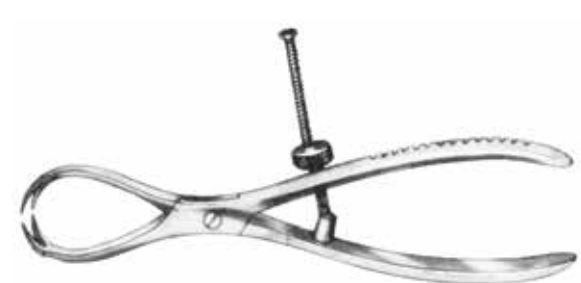


AI-OR-23-017

Curved sideways. Deep teeth.

CATALOG #	DESCRIPTION
AI-OR-23-016	4 x 5 teeth, without ratchet, 7-1/2" (19 cm)
AI-OR-23-017	5 x 5 teeth, with ratchet, 8" (21 cm)

PATELLA BONE HOLDING FORCEPS



AI-OR-23-018

CATALOG #	DESCRIPTION
AI-OR-23-018	2 x 2 sharp teeth, with speed lock, 7" (18 cm)

BONE HOLDING INSTRUMENTS

Bone Holding Forceps



VAN BUREN SEQUESTERUM FORCEPS



AI-OR-23-019

CATALOG #	DESCRIPTION
AI-OR-23-019	Curved sideways, serrated, 9" (23 cm)

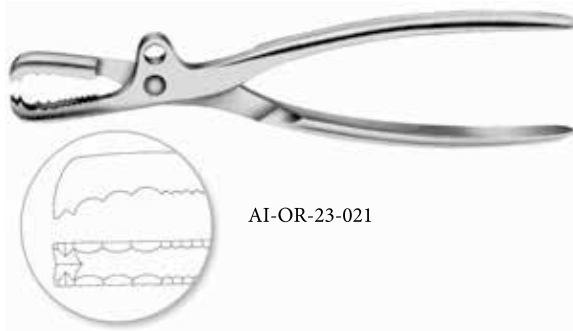
LANGENBECK BONE HOLDING FORCEPS



AI-OR-23-020

CATALOG #	DESCRIPTION
AI-OR-23-020	2 x 2 teeth, 8-1/4" (21 cm)

FARABEUF BONE HOLDING FORCEPS



AI-OR-23-021

Adjustable jaw.

CATALOG #	DESCRIPTION
AI-OR-23-021	9" (23 cm)
AI-OR-23-022	10" (25.5 cm)

BONE HOLDING INSTRUMENTS

Bone Holding Forceps



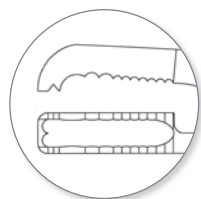
FARABEUF-LAMBOTTE BONE HOLDING FORCEPS



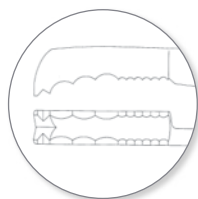
AI-OR-23-023

Adjustable jaw.

CATALOG #	DESCRIPTION
AI-OR-23-023	7-1/2" (19 cm)
AI-OR-23-024	10-1/2" (27 cm)



AI-OR-23-023



AI-OR-23-024

FERGUSON BONE HOLDING FORCEPS



AI-OR-23-025

CATALOG #	DESCRIPTION
AI-OR-23-025	Deep teeth, 8-1/4" (21 cm)

FIBULA BONE HOLDING FORCEPS



AI-OR-23-026

With angled tip and speed lock.

CATALOG #	DESCRIPTION
AI-OR-23-026	8-1/2" (22 cm)

BONE HOLDING INSTRUMENTS

Bone Holding Forceps

KERN BONE HOLDING FORCEPS



CATALOG #	DESCRIPTION
AI-OR-23-027	Mini, 6-5/8" (17 cm), without ratchet
AI-OR-23-028	9-1/2" (24 cm), without ratchet
AI-OR-23-029	6-3/4" (17 cm), with ratchet
AI-OR-23-030	9-1/2" (24 cm), with ratchet

LAMBOTTE BONE HOLDING FORCEPS



With swivel head, adjustable jaw.

CATALOG #	DESCRIPTION
AI-OR-23-031	8-1/2" (22 cm)
AI-OR-23-032	10-1/2" (27 cm)
AI-OR-23-033	11-1/2" (29 cm)

BONE HOLDING INSTRUMENTS

Bone Holding Forceps



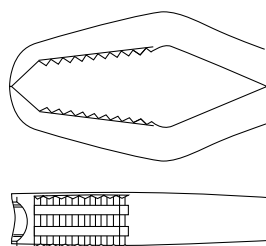
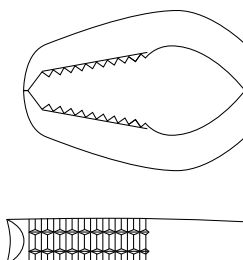
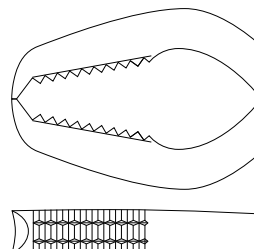
LANE BONE HOLDING FORCEPS



AI-OR-23-037

Particularly well suited for use during insertion of intermedullary nails.

CATALOG #	DESCRIPTION
AI-OR-23-034	Light model, without ratchet, 13" (33 cm)
AI-OR-23-035	Light model, with ratchet, 13" (33 cm)
AI-OR-23-036	Standard model, without ratchet, 13" (33 cm)
AI-OR-23-037	Standard model, with ratchet, 13" (33 cm)
AI-OR-23-038	Without ratchet, 17" (43 cm)
AI-OR-23-039	With ratchet, 17" (43 cm)

AI-OR-23-034
AI-OR-23-035AI-OR-23-036
AI-OR-23-037AI-OR-23-038
AI-OR-23-039

BONE HOLDING INSTRUMENTS

Bone Holding Forceps



ULRICH SELF-RETAINING BONE HOLDING FORCEPS



AI-OR-23-040

Straight, with speed lock.

CATALOG #	DESCRIPTION
AI-OR-23-040	Mini, 7-1/4" (19 cm)
AI-OR-23-041	8-1/2" (22 cm)
AI-OR-23-042	9-7/8" (25 cm)
AI-OR-23-043	10-1/4" (26 cm)



AI-OR-23-040



AI-OR-23-041



AI-OR-23-042



AI-OR-23-043

ULRICH SELF-RETAINING BONE HOLDING FORCEPS



AI-OR-23-045

Angled, with speed lock.

CATALOG #	DESCRIPTION
AI-OR-23-044	7-1/4" (19 cm)
AI-OR-23-045	11" (28 cm)

BONE HOLDING INSTRUMENTS

Bone Holding Forceps



ULRICH SELF-RETAINING BONE HOLDING FORCEPS



Angled, with speed lock and swivel jaw.

CATALOG #	DESCRIPTION
AI-OR-23-046	11" (28 cm)

ANGLED BONE HOLDING FORCEPS



With swivel head, adjustable jaw.

CATALOG #	DESCRIPTION
AI-OR-23-047	8-1/2" (22 cm)

BONE HOLDING INSTRUMENTS

Bone Holding Forceps

VEBRUGGE SELF-CENTERING BONE HOLDING FORCEPS



AI-OR-23-049

Self centering, with speed lock.

CATALOG #	DESCRIPTION
AI-OR-23-048	5-3/4" (15 cm)
AI-OR-23-049	7-1/4" (19 cm)
AI-OR-23-050	9-1/4" (24 cm)
AI-OR-23-051	10" (26 cm)
AI-OR-23-052	11-1/4" (29 cm)



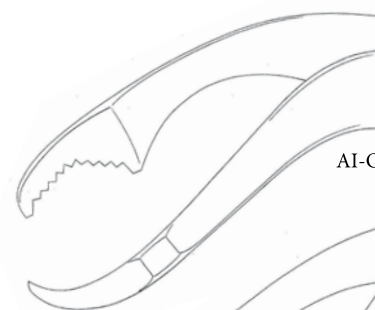
AI-OR-23-048



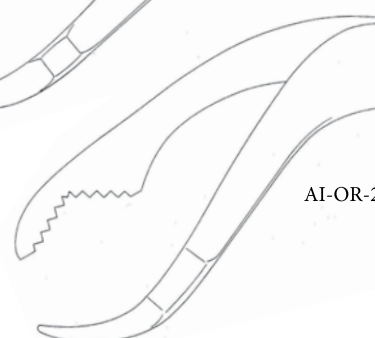
AI-OR-23-049



AI-OR-23-050



AI-OR-23-051



AI-OR-23-052

VEBRUGGE BONE HOLDING FORCEPS



AI-OR-23-053

With short ratchet.

CATALOG #	DESCRIPTION
AI-OR-23-053	6-7/8" (18 cm)

BONE HOLDING INSTRUMENTS

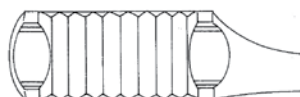
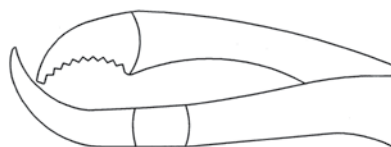
Bone Holding Forceps

VERBRUGGE BONE HOLDING FORCEPS



With long ratchet.

CATALOG #	DESCRIPTION
AI-OR-23-054	10" (26 cm)
AI-OR-23-055	10-1/2" (27 cm)
AI-OR-23-056	11" (28 cm)



Bone Reduction Forceps

STAGBEETLE BONE REDUCTION FORCEPS

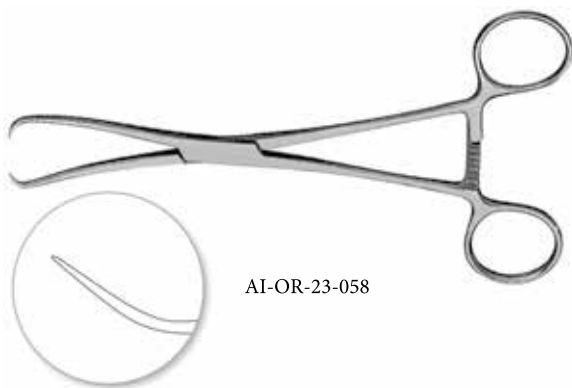


CATALOG #	DESCRIPTION
AI-OR-23-057	Curved, pointed tips, 4-7/8" (13 cm)

BONE HOLDING INSTRUMENTS

Bone Reduction Forceps

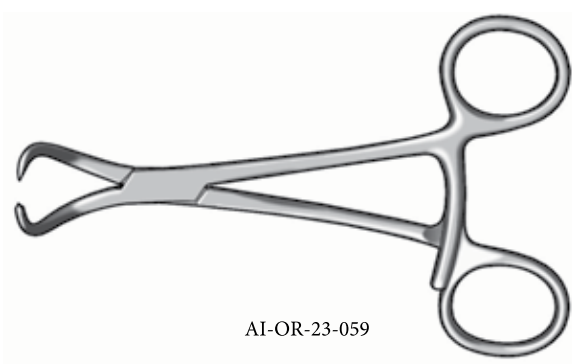
REILL BONE REDUCTION FORCEPS



AI-OR-23-058

CATALOG #	DESCRIPTION
AI-OR-23-058	Curved, pointed tips, 6-3/4" (17 cm)

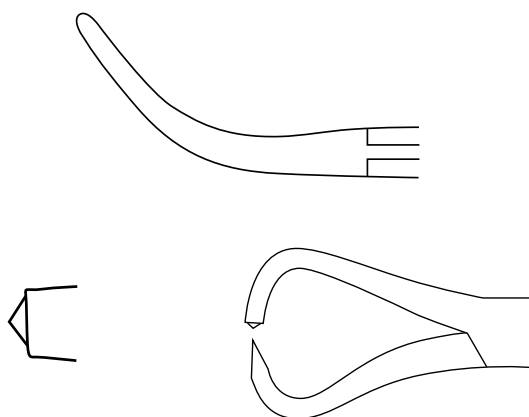
BONE REDUCTION FORCEPS



AI-OR-23-059

Curved. One tip has a stepped point for a better hold on bone.

CATALOG #	DESCRIPTION
AI-OR-23-059	5-1/4" (14 cm)
AI-OR-23-060	6-3/4" (17 cm)



BONE HOLDING INSTRUMENTS

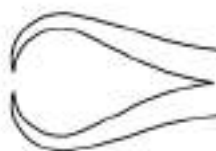
Bone Reduction Forceps

BONE REDUCTION FORCEPS



AI-OR-23-061

CATALOG #	DESCRIPTION
AI-OR-23-061	Curved, pointed tips, 5" (13 cm)



BONE REDUCTION FORCEPS



AI-OR-23-062

With ratchet completely engaged, the jaw opening is 9 mm wide.

CATALOG #	DESCRIPTION
AI-OR-23-062	Ratchet length: 2" (5 cm) Opens to 4" (10 cm) 8" (21 cm)

BONE HOLDING INSTRUMENTS

Bone Reduction Forceps



BONE REDUCTION FORCEPS

Curved and serrated with pointed tips.

CATALOG #	DESCRIPTION
AI-OR-23-063	Narrow, 5-1/4" (14 cm)
AI-OR-23-064	Broad, 5-1/2" (14 cm)



BONE HOLDING INSTRUMENTS

Bone Reduction Forceps

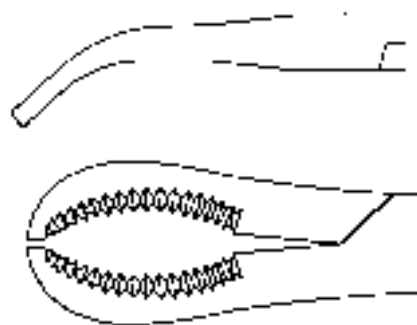
BONE REDUCTION FORCEPS



AI-OR-23-065

Curved, with speed lock.

CATALOG #	DESCRIPTION
AI-OR-23-065	7" (18 cm)
AI-OR-23-066	9-5/8" (25 cm)

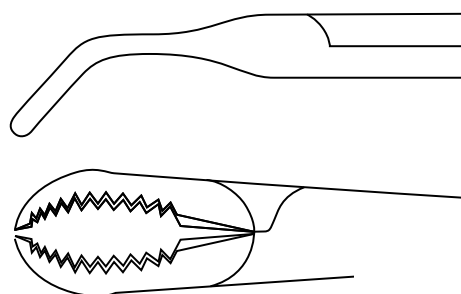


BONE REDUCTION FORCEPS



AI-OR-23-067

CATALOG #	DESCRIPTION
AI-OR-23-067	Small, curved, ratchet length 1-1/8" (28 mm), 5-1/2" (14 cm)

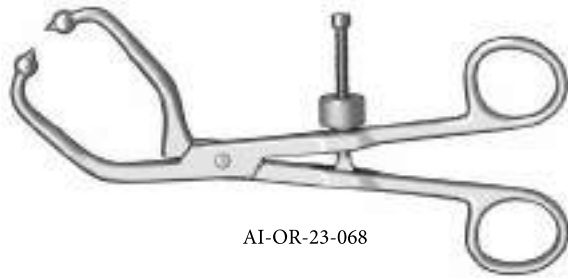


BONE HOLDING INSTRUMENTS

Bone Reduction Forceps



ANGLED PELVIC BONE REDUCTION FORCEPS

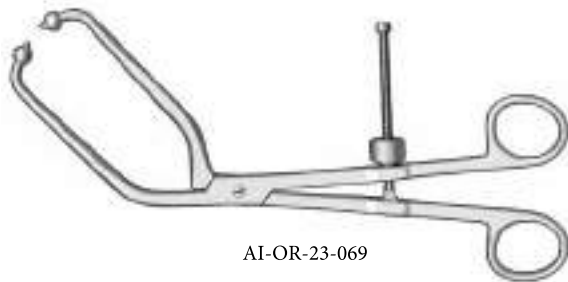


AI-OR-23-068

Short tips.

CATALOG #	DESCRIPTION
AI-OR-23-068	Short pointed-ball tips, 7-3/8" (19 cm)

ANGLED PELVIC BONE REDUCTION FORCEPS



AI-OR-23-069

Long tips.

CATALOG #	DESCRIPTION
AI-OR-23-069	Long pointed-ball tips, 9-5/8" (25 cm)

ASYMETRIC PELVIC REDUCTION FORCEPS



AI-OR-23-070

CATALOG #	DESCRIPTION
AI-OR-23-070	Short pointed-ball tips, 16" (41 cm)

BONE HOLDING INSTRUMENTS

Bone Reduction Forceps

PELVIC REDUCTION FORCEPS



AI-OR-23-071

CATALOG #	DESCRIPTION
AI-OR-23-071	With screws, 13-1/2" (35 cm)

PELVIC REDUCTION FORCEPS



AI-OR-23-072

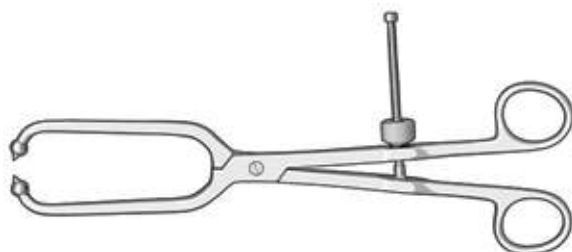
CATALOG #	DESCRIPTION
AI-OR-23-072	1 x 2 jaws, long pointed-ball tips, 16-1/8" (41 cm)

BONE HOLDING INSTRUMENTS

Bone Reduction Forceps



PELVIC REDUCTION FORCEPS



AI-OR-23-073

CATALOG #	DESCRIPTION
AI-OR-23-073	Angled tips, short pointed-ball tips, 10-1/8" (26 cm)

PELVIC REDUCTION FORCEPS



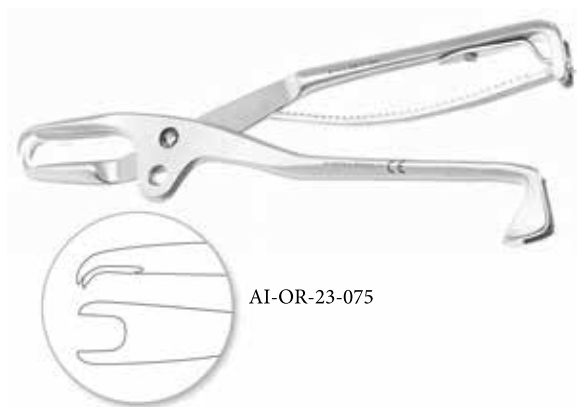
AI-OR-23-074

CATALOG #	DESCRIPTION
AI-OR-23-074	Pointed tips, long pointed-ball tips, 16-1/8" (41 cm)

BONE HOLDING INSTRUMENTS

Bone Clamps

BISHOP BONE CLAMP



AI-OR-23-075

CATALOG #	DESCRIPTION
AI-OR-23-075	Adjustable jaw, 8-7/8" (22.5 cm)

LAMBERT-LOWMAN BONE CLAMPS



AI-OR-23-076

2 x 2 jaws. Calibrated in inches to measure bone diameter.

CATALOG #	DESCRIPTION
AI-OR-23-076	7-1/4" (18.5 cm)
AI-OR-23-077	8" (20.5 cm)



AI-OR-23-076



AI-OR-23-077

LOWMAN BONE CLAMPS



1 x 2 jaws. Calibrated in inches to measure bone diameter.

CATALOG #	DESCRIPTION
AI-OR-23-078	4-3/4" (12 cm)
AI-OR-23-079	5-5/8" (14.5 cm)
AI-OR-23-080	6-3/4" (17 cm)



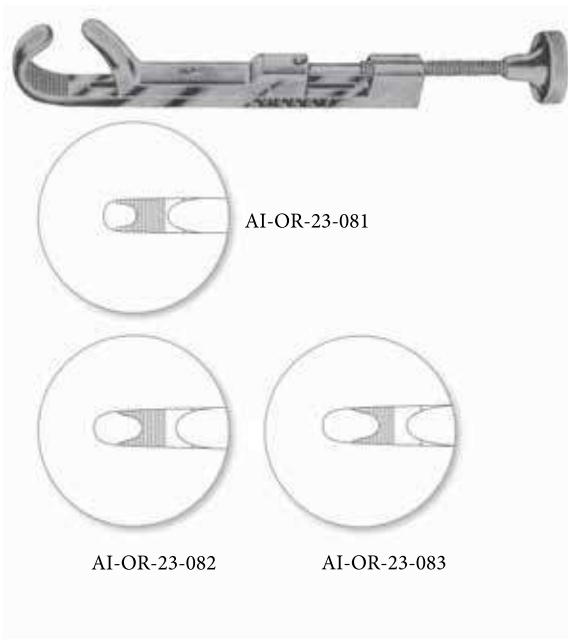
AI-OR-23-079

BONE HOLDING INSTRUMENTS

Bone Clamps



LOWMAN BONE CLAMPS



1 x 1 jaws. Calibrated in inches to measure bone diameter.

CATALOG #	DESCRIPTION
AI-OR-23-081	4-3/4" (12 cm)
AI-OR-23-082	5-3/4" (14.5 cm)
AI-OR-23-083	6-7/8" (17.5 cm)

ROSENBLOOM SESAMOID CLAMP

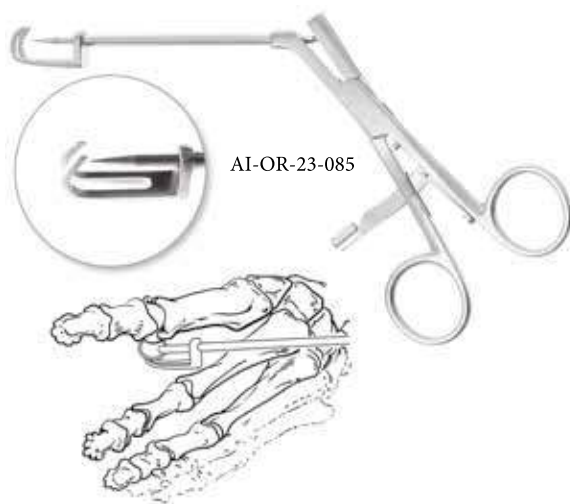


CATALOG #	DESCRIPTION
AI-OR-23-084	Slightly curved, 6-1/2" (16.5 cm)

BONE HOLDING INSTRUMENTS

Bone Clamps

VOGEN SESAMOID CLAMP



- Designed to grasp and hold a sesamoid while dissecting it free.
- The sesamoid is first exposed within the capsule, then the two-pronged tip is hooked beneath the sesamoid. The plunger is then seated in the bone to secure it for manipulation and dissection.

CATALOG #	DESCRIPTION
AI-OR-23-085	4" (10 cm) shaft

BONE HOOKS AND AWLS

Bone Hooks



SHARP HOOK

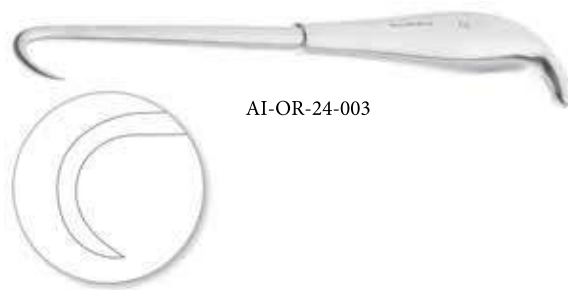


AI-OR-24-001

To check fracture and remove ingrown tissue.

CATALOG #	DESCRIPTION
AI-OR-24-001	6" (15 cm)

BONE HOOKS



AI-OR-24-003

Sharp with grip handle, 9" (23 cm).

CATALOG #	DESCRIPTION
AI-OR-24-002	Small, 6 mm high x 10 mm deep
AI-OR-24-003	Medium, 11 mm high x 18 mm deep
AI-OR-24-004	Large, 12 mm high x 21 mm deep

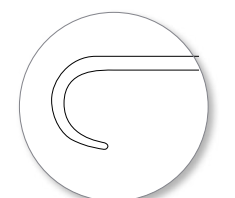
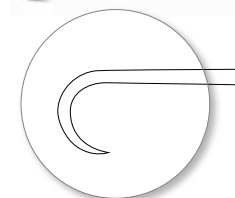
AI-OR-24-004

VOLKMANN BONE HOOKS



AI-OR-24-005

CATALOG #	DESCRIPTION
AI-OR-24-005	Sharp, 15 mm high x 20 mm deep, 9" (23 cm)
AI-OR-24-006	Sharp, 15 mm high x 20 mm deep, 9-3/4" (25 cm)
AI-OR-24-007	Sharp, 19 mm high x 27 mm deep, 8-5/8" (22 cm)
AI-OR-24-008	Blunt, 15 mm high x 20 mm deep, 9" (23 cm)



AI-OR-24-008

BONE HOOKS AND AWLS

Bone Hooks



BONE HOOK



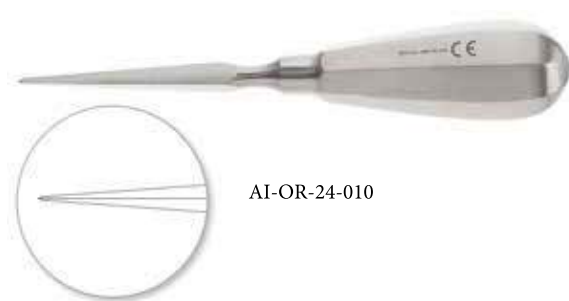
AI-OR-24-009

Large, for femurs. With T-handle.

CATALOG #	DESCRIPTION
AI-OR-24-009	18 mm high x 21 mm deep, 7-7/8" (20 cm)

Awls

BONE AWL



AI-OR-24-010

CATALOG #	DESCRIPTION
AI-OR-24-010	Square taper, 6-1/4" (16 cm)

KUNTSCHER DIAMOND POINTED AWL



AI-OR-24-011

CATALOG #	DESCRIPTION
AI-OR-24-011	With handle, 11-5/8" (29.5 cm)

BONE HOOKS AND AWLS

Awls



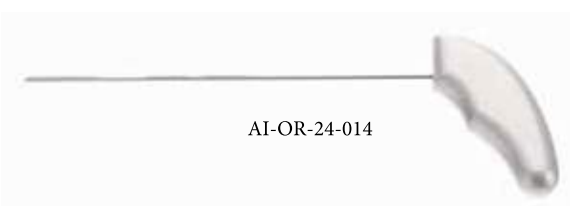
PERTHES BONE AWL



AI-OR-24-012

CATALOG #	DESCRIPTION
AI-OR-24-012	8-1/4" (21 cm)

RUSH AWL AND REAMERS

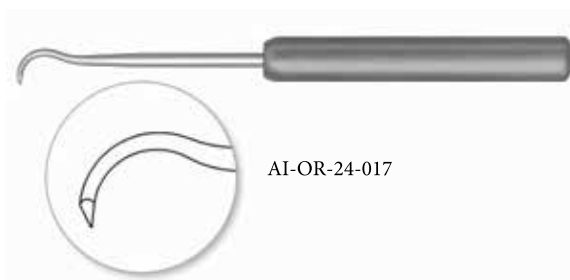


AI-OR-24-014

For penetrating cortex of bone. Used as grooved director for insertion of pins.

CATALOG #	DESCRIPTION
AI-OR-24-013	0.1" (2.5 mm) diameter, working length 7-1/2" (19 cm), pointed, 9-7/8" (25 cm)
AI-OR-24-014	0.1" (3 mm) diameter, working length 8-1/4" (21 cm), pointed, 10-5/8" (27 cm)
AI-OR-24-015	0.2" (5 mm) diameter, working length 8-1/2" (21.5 cm), pointed, 10-7/8" (27.5 cm)
AI-OR-24-016	0.25" (6 mm) diameter, working length 10-1/2" (26.5 cm), pointed, 12-3/4" (32.5 cm)

SHOULDER PENETRATING AWL



AI-OR-24-017

Phenolic handle.

CATALOG #	DESCRIPTION
AI-OR-24-017	9-1/4" (23.5 cm)

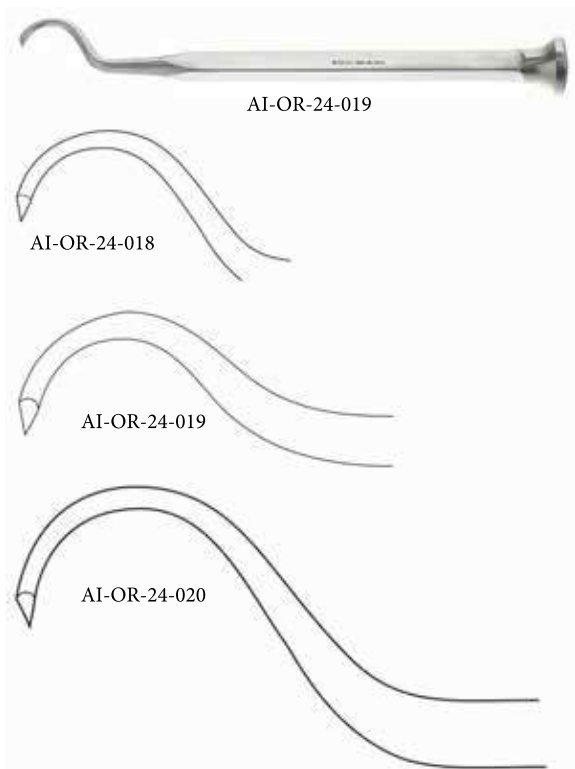
Autoclavable to 290°F (143°C)

BONE HOOKS AND AWLS

Awls



SHOULDER PERCUSSION AWLS



8-1/2" (21.5 cm).

CATALOG #	DESCRIPTION
AI-OR-24-018	Small
AI-OR-24-019	Medium
AI-OR-24-020	Large



CARTILAGE AND TENDON INSTRUMENTS

Clamps and Forceps

MARTIN CARTILAGE CLAMPS

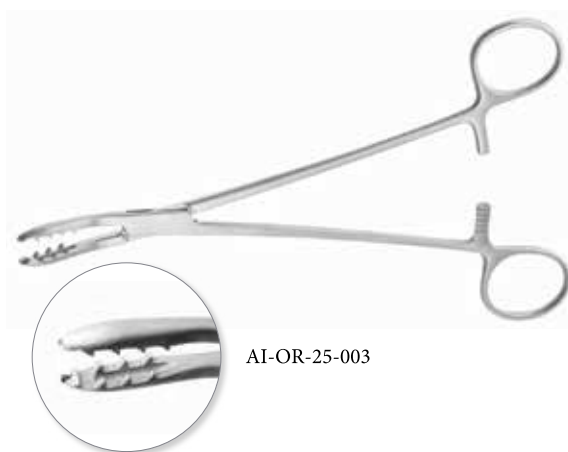
Deep teeth.

CATALOG #	DESCRIPTION
AI-OR-25-001	7-3/8" (18.5 cm)
AI-OR-25-002	8-1/8" (20.5 cm)



WALTON CARTILAGE CLAMP

CATALOG #	DESCRIPTION
AI-OR-25-003	Slightly curved, 8-1/2" (21.5 cm)



CARTILAGE AND TENDON INSTRUMENTS

Clamps and Forceps

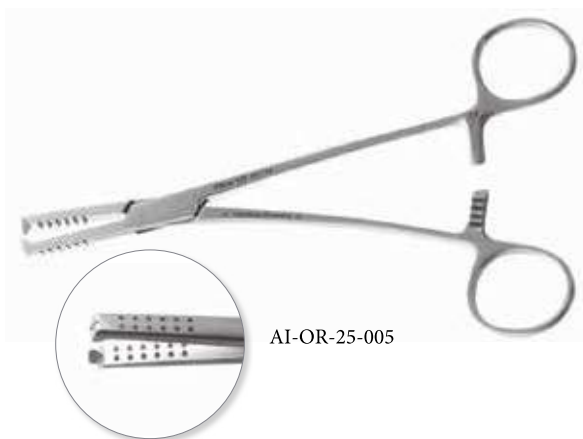


DINGMAN FORCEPS



CATALOG #	DESCRIPTION
AI-OR-25-004	Angular, 2 x 2 sharp teeth, serrated jaws, 7-1/2" (19 cm)

MENISCUS CLAMP



CATALOG #	DESCRIPTION
AI-OR-25-005	Curved shaft, 7-1/8" (18 cm)

CARTILAGE AND TENDON INSTRUMENTS

Clamps and Forceps



MENISCUS CLAMPS



AI-OR-25-006

Serrated, 5-3/8" (13.5 cm).

CATALOG #	DESCRIPTION
AI-OR-25-006	Straight
AI-OR-25-007	Angled 20 degrees



AI-OR-25-007

PRESTON LIGAMENTUM FLAVUM FORCEPS (MENISCUS)



AI-OR-25-008

For grasping tags of the meniscus.

CATALOG #	DESCRIPTION
AI-OR-25-008	Serrated jaw with 1 x 2 tip, 7-1/4" (19 cm)

HOEN ALLIGATOR FORCEPS



AI-OR-25-009

For retrieving tendons or foreign bodies.

CATALOG #	DESCRIPTION
AI-OR-25-009	Serrated jaw with 1 x 2 tip, 5-7/8" (15 cm) shaft

CARTILAGE AND TENDON INSTRUMENTS

Clamps and Forceps

KLEINERT-KUTZ TENDON RETRIEVERS

Serrated with sharp teeth, 8" (20.5 cm).

CATALOG #	DESCRIPTION
AI-OR-25-010	Flexible shaft
AI-OR-25-011	Rigid shaft



CARROLL TENDON RETRIEVER

CATALOG #	DESCRIPTION
AI-OR-25-012	Curved shaft, 6" (15 cm)



CARTILAGE AND TENDON INSTRUMENTS

Clamps and Forceps



BRAND TENDON PULLING FORCEPS

Angular shaft.



AI-OR-25-014

CATALOG #	DESCRIPTION
AI-OR-25-013	6" (15 cm)
AI-OR-25-014	7-1/2" (19 cm)
AI-OR-25-015	9-1/2" (24 cm)

Cartilage Knives

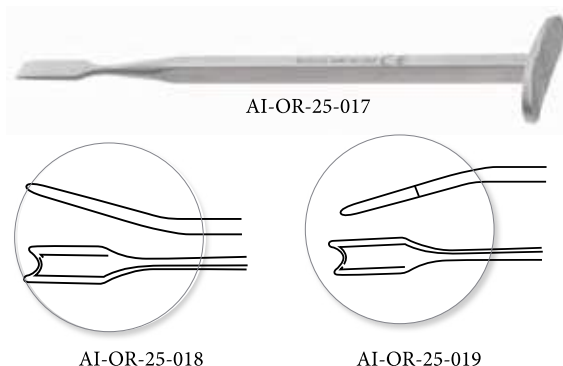
DOWNING CARTILAGE KNIFE



AI-OR-25-016

CATALOG #	DESCRIPTION
AI-OR-25-016	Curved blade, concave edge. With guards, 10" (25.5 cm)

SMILLIE KNIVES



AI-OR-25-017

AI-OR-25-018

AI-OR-25-019

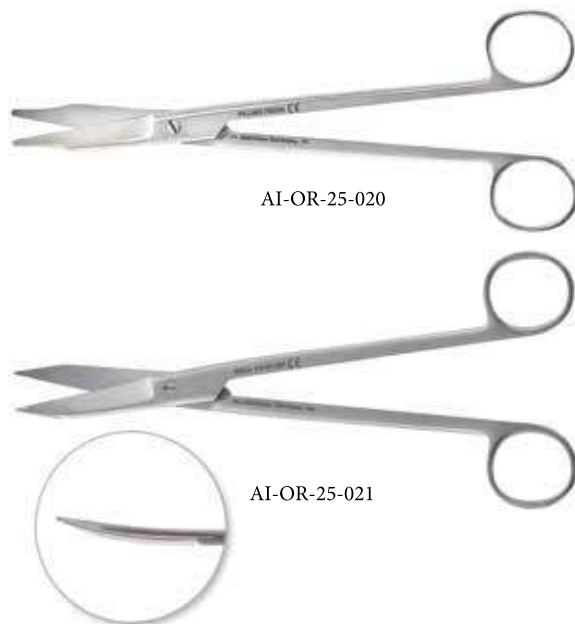
Also known as a meniscus knife. Useful for fasciotomies, 6-1/4" (16 cm).

CATALOG #	DESCRIPTION
AI-OR-25-017	Straight, chisel type
AI-OR-25-018	Curved left
AI-OR-25-019	Curved right

CARTILAGE AND TENDON INSTRUMENTS

Cartilage Scissors

MARTIN CARTILAGE SCISSORS



CATALOG #	DESCRIPTION
AI-OR-25-020	Curved, two serrated blades, 8" (20.5 cm)
AI-OR-25-021	Two serrated blades, 8" (20.5 cm)

MUELLER CAPSULE SCISSORS



CATALOG #	DESCRIPTION
AI-OR-25-022	Angled, 9-1/2" (24 cm)

CARTILAGE AND TENDON INSTRUMENTS

Tendon Strippers



BUNNELL TENDON STRIPPERS



AI-OR-25-025

6" (15 cm).

CATALOG #	DESCRIPTION
AI-OR-25-023	3 mm
AI-OR-25-024	4 mm
AI-OR-25-025	5 mm
AI-OR-25-026	6 mm
AI-OR-25-027	7 mm



AI-OR-25-023



AI-OR-25-024



AI-OR-25-025



AI-OR-25-026



AI-OR-25-027

Note: gaps in circles are accurate.

DISSECTORS AND ELEVATORS



SMITHWICK HOOK AND DISSECTOR



AI-OR-26-001

CATALOG #	DESCRIPTION
AI-OR-26-001	Double-ended, 12" (30.5 cm)

WOODSON DURAL SEPARATOR AND PACKER



AI-OR-26-002

CATALOG #	DESCRIPTION
AI-OR-26-002	Double-ended with grooved blade, 3 mm blunt end, 7" (18 cm)

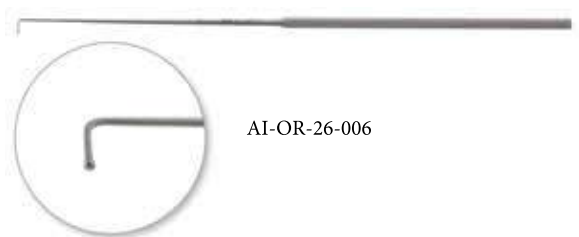
WOODSON ELEVATOR AND SPATULA



AI-OR-26-003

CATALOG #	DESCRIPTION
AI-OR-26-003	Double-end, semi-sharp, angled, both ends 3 mm, 10" (25.5 cm)

RHOTON BALL-TIPPED DISSECTORS



AI-OR-26-006

7-1/2" (19 cm).

CATALOG #	DESCRIPTION
AI-OR-26-004	Straight, 0.8 mm
AI-OR-26-005	Angled 90 degrees, 3 mm
AI-OR-26-006	Angled 90 degrees, 5 mm
AI-OR-26-007	Angled 40 degrees, 4 mm
AI-OR-26-008	Angled 40 degrees, 8 mm

RHOTON ELEVATORS



AI-OR-26-009

7-1/2" (19 cm).

CATALOG #	DESCRIPTION
AI-OR-26-009	Curved
AI-OR-26-010	Angled

DISSECTORS AND ELEVATORS

RHOTON MICRO CURETTES



AI-OR-26-011

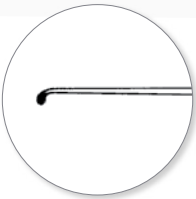
7-1/2" (19 cm).

CATALOG #	DESCRIPTION
AI-OR-26-011	Straight, 1 x 2 mm
AI-OR-26-012	Angled, 1 x 2 mm

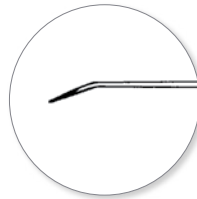
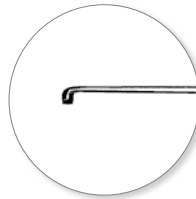
RHOTON MICRO DISSECTION HOOKS



AI-OR-26-013



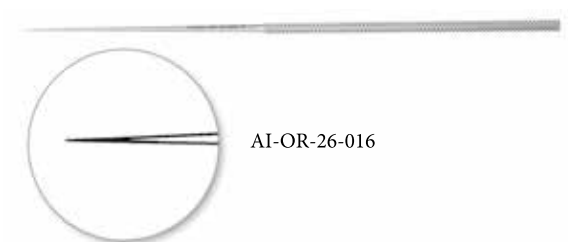
AI-OR-26-014



AI-OR-26-015

CATALOG #	DESCRIPTION
AI-OR-26-013	Sharp, angled 90 degrees
AI-OR-26-014	Blunt, angled 90 degrees
AI-OR-26-015	Sharp, angled 45 degrees

RHOTON NEEDLE SHARP



AI-OR-26-016

CATALOG #	DESCRIPTION
AI-OR-26-016	Straight, sharp

DISSECTORS AND ELEVATORS



RHOTON ROUND DISSECTORS



AI-OR-26-018

CATALOG #	DESCRIPTION
AI-OR-26-017	Angled, 1 mm
AI-OR-26-018	Angled, 2 mm
AI-OR-26-019	Angled, 3 mm

RHOTON SPATULA DISSECTORS



AI-OR-26-021

CATALOG #	DESCRIPTION
AI-OR-26-020	6 Small, angled
AI-OR-26-021	7 Medium, angled
AI-OR-26-022	8 Large, angled

DISSECTORS AND ELEVATORS

Penfield Elevators/Dissectors



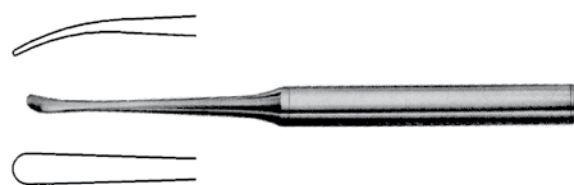
PENFIELD ELEVATORS



AI-OR-26-023



AI-OR-26-024

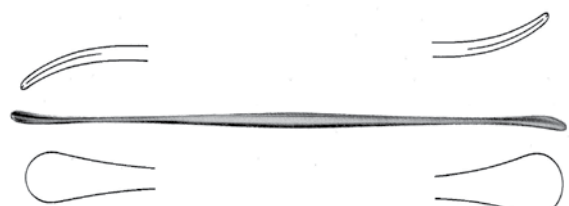


AI-OR-26-026

CATALOG #	DESCRIPTION
AI-OR-26-023	Style #1, double-ended, 7" (18 cm)
AI-OR-26-024	Style #2, double-ended, 7-3/4" (19.5 cm)
AI-OR-26-025	Style #3, double-ended, 7-3/4" (19.5 cm)
AI-OR-26-026	Style #4, single-ended, 8" (20.5 cm)
AI-OR-26-027	Style #5, double-ended, 7-1/2" (19 cm)



AI-OR-26-025



AI-OR-26-027

DISSECTORS AND ELEVATORS

Double-Ended Elevators

ALLERDYCE ELEVATOR AND DISSECTOR



AI-OR-26-028

CATALOG #	DESCRIPTION
AI-OR-26-028	Double-ended, 8 mm semi-sharp end, 8 mm blunt end, 7-1/2" (19 cm)

FREER DOUBLE-END ELEVATOR



AI-OR-26-029

satin finish.

CATALOG #	DESCRIPTION
AI-OR-26-029	Double-ended, sharp and blunt, 7" (18 cm)

FREER DOUBLE-END ELEVATOR



AI-OR-26-030

satin finish.

CATALOG #	DESCRIPTION
AI-OR-26-030	Double-ended, 5 mm sharp and 5 mm blunt ends, 7-1/4" (18.5 cm)

KLEINERT-KUTZ ELEVATOR AND DISSECTOR



AI-OR-26-031

CATALOG #	DESCRIPTION
AI-OR-26-031	Double-ended, 2 mm and 3 mm sharp ends, 7-5/8" (19.5 cm)

KLEINERT-KUTZ ELEVATOR AND DISSECTOR



AI-OR-26-032

CATALOG #	DESCRIPTION
AI-OR-26-032	Double-ended, 2.4 mm and 3.2 mm ends, 7-3/4" (19.5 cm)

DISSECTORS AND ELEVATORS

Metatarsal Elevators



MCGLAMERY METATARSAL ELEVATOR



AI-OR-26-033

CATALOG #	DESCRIPTION
AI-OR-26-033	Sharp, curved, 9 mm, 6-1/2" (16.5 cm)

MCGLAMERY METATARSAL ELEVATORS



AI-OR-26-036

For foot surgeons, the McGlamry Elevator is indispensable. It's the perfect tool to deglove a metatarsal head, and it's invaluable in numerous other procedures. Sharp edge, 6-1/2" (16.5 cm).

CATALOG #	DESCRIPTION
AI-OR-26-034	11 mm
AI-OR-26-035	13 mm
AI-OR-26-036	15 mm
AI-OR-26-037	17 mm



AI-OR-26-034



AI-OR-26-035



AI-OR-26-036



AI-OR-26-037



DISSECTORS AND ELEVATORS

Periosteal Elevators



COTTLE DOUBLE-ENDED ELEVATOR



AI-OR-26-038

Graduated in 10 mm increments.

CATALOG #	DESCRIPTION
AI-OR-26-038	Blade A 5 mm Blade B 3 mm 8-7/8" (22.5 cm)

MCKENTY ELEVATORS



AI-OR-26-039

Semi-sharp, 5-1/2" (14 cm).

CATALOG #	DESCRIPTION
AI-OR-26-039	4 mm
AI-OR-26-040	5 mm



AI-OR-26-039

AI-OR-26-040

DISSECTORS AND ELEVATORS

Periosteal Elevators



KEY PERIOSTEAL ELEVATORS



AI-OR-26-043

Sharp edge.

CATALOG #	DESCRIPTION
AI-OR-26-041	1/4" (6.4 mm) wide, 7" (17.5 cm)
AI-OR-26-042	3/8" (9.5 mm) wide, 7-1/2" (19 cm)
AI-OR-26-043	1/2" (13 mm) wide, 7-1/2" (19 cm)
AI-OR-26-044	3/4" (19 mm) wide, 7-7/8" (20 cm)
AI-OR-26-045	1" (25.4 mm) wide, 8-3/8" (21.5 cm)

KEY PERIOSTEAL ELEVATOR



AI-OR-26-046

CATALOG #	DESCRIPTION
AI-OR-26-046	1/8" (3 mm) jaw, 7" (18 cm)

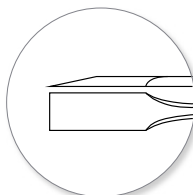
ADSON PERIOSTEAL ELEVATORS



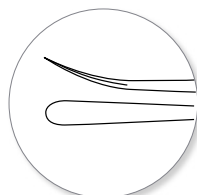
AI-OR-26-047

Also known as Joseph Elevator, 7 mm, 6-3/4" (17 cm).

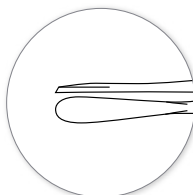
CATALOG #	DESCRIPTION
AI-OR-26-047	Sharp, straight
AI-OR-26-048	Blunt, curved
AI-OR-26-049	Semi-sharp, straight
AI-OR-26-050	Semi-sharp, curved



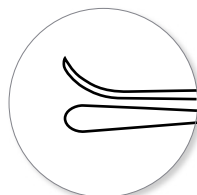
AI-OR-26-047



AI-OR-26-048



AI-OR-26-049



AI-OR-26-050

DISSECTORS AND ELEVATORS

Periosteal Elevators



CUSHING LITTLE JOKER ELEVATOR



AI-OR-26-051

CATALOG #	DESCRIPTION
AI-OR-26-051	8 mm tip, 6-5/8" (16.5 cm)

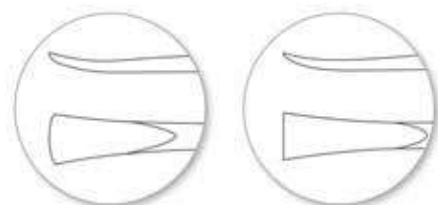
CUSHING PERIOSTEAL ELEVATORS



AI-OR-26-052

7-1/2" (19 cm).

CATALOG #	DESCRIPTION
AI-OR-26-052	15 mm sharp, curved edge
AI-OR-26-053	15 mm sharp, straight edge
AI-OR-26-054	15 mm serrated, curved edge

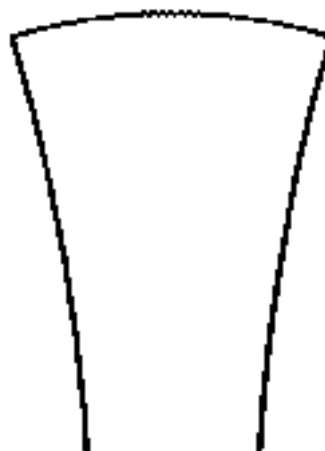


AI-OR-26-052

AI-OR-26-053



AI-OR-26-054



AI-OR-26-054

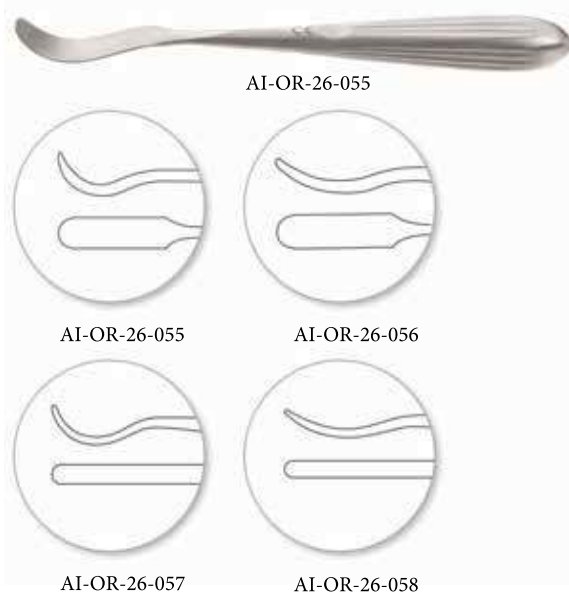


DISSECTORS AND ELEVATORS

Periosteal Elevators

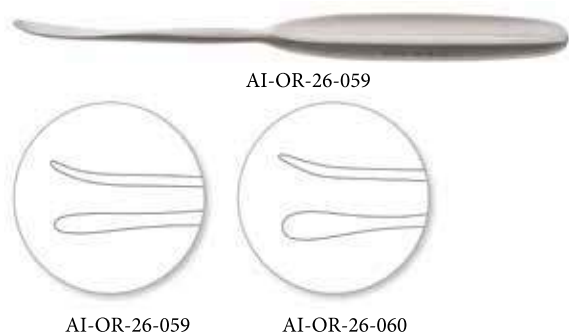


CREGO PERIOSTEAL ELEVATOR



CATALOG #	DESCRIPTION
AI-OR-26-055	Blunt, full curved, 15 mm, 7-3/8" (18.5 cm)
AI-OR-26-056	Sharp, slightly curved, 15 mm, 7-3/4" (19.5 cm)
AI-OR-26-057	Sharp, full curved, 7 mm, 7-3/4" (19.5 cm)
AI-OR-26-058	Sharp, slightly curved, 7 mm, 8" (20.5 cm)

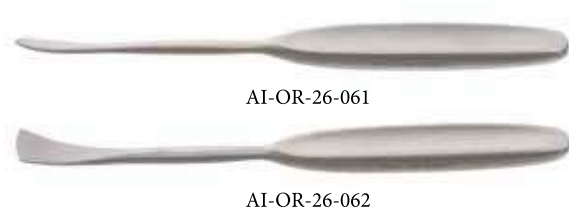
LANE PERIOSTEAL ELEVATOR



Blunt, 7-3/4" (19.5 cm).

CATALOG #	DESCRIPTION
AI-OR-26-059	Narrow, 6 mm
AI-OR-26-060	Broad, 10 mm

LANGENBECK PERIOSTEAL ELEVATOR



7-3/4" (19.5 cm)

CATALOG #	DESCRIPTION
AI-OR-26-061	Narrow, 6 mm, blunt edge
AI-OR-26-062	Broad, 17 mm, sharp edge

DISSECTORS AND ELEVATORS

Periosteal Elevators



SEDILLOT PERIOSTEAL ELEVATOR



AI-OR-26-063

CATALOG #	DESCRIPTION
AI-OR-26-063	16 mm, 7" (18 cm)

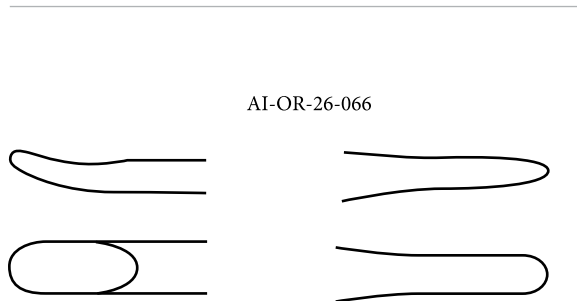
SAYRE PERIOSTEAL ELEVATOR



AI-OR-26-064

CATALOG #	DESCRIPTION
AI-OR-26-064	Double-ended, 4 mm straight blunt end, 8 mm curved sharp end, 6-5/8" (17 cm)

SAYRE PERIOSTEAL ELEVATOR



AI-OR-26-066

CATALOG #	DESCRIPTION
AI-OR-26-065	Double-ended, 5 mm sharp end, 9 mm sharp end, 6-1/2" (16.5 cm)
AI-OR-26-066	Double-ended, 5 mm blunt end, 9 mm blunt end, 6-1/2" (16.5 cm)

DISSECTORS AND ELEVATORS

Periosteal Elevators



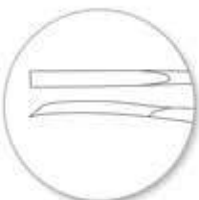
PERIOSTEAL ELEVATOR



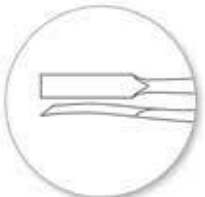
AI-OR-26-069



AI-OR-26-069



AI-OR-26-067



AI-OR-26-068



AI-OR-26-070

Phenolic handle, 7-1/2" (19 cm).

CATALOG #	DESCRIPTION
AI-OR-26-067	Sharp, curved blade, 3 mm straight edge
AI-OR-26-068	Sharp, curved blade, 6 mm straight edge
AI-OR-26-069	Sharp, straight blade, 6 mm straight edge
AI-OR-26-070	Sharp, curved blade, 6 mm round edge

Autoclavable to 290°F (143°C)

PERIOSTEAL ELEVATOR



AI-OR-26-071



AI-OR-26-071



AI-OR-26-072

Phenolic handle.

CATALOG #	DESCRIPTION
AI-OR-26-071	Sharp, straight blade, 14 mm oval edge, 7-7/8" (20 cm)
AI-OR-26-072	Sharp, curved blade, 14 mm oval edge, 7-5/8" (19.5 cm)

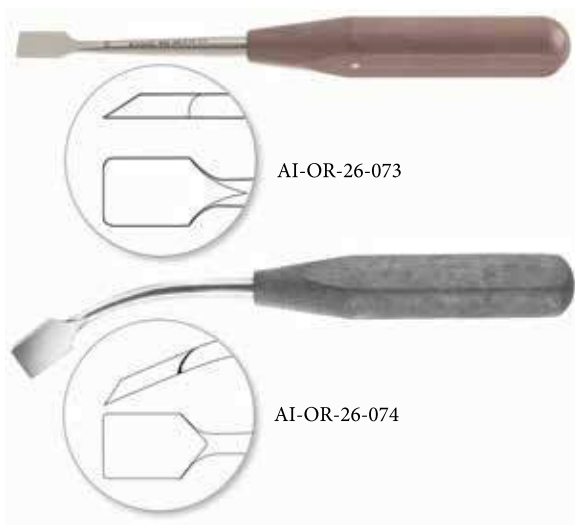
Autoclavable to 290°F (143°C)

DISSECTORS AND ELEVATORS

Periosteal Elevators



PERIOSTEAL ELEVATOR



Phenolic handle.

CATALOG #	DESCRIPTION
AI-OR-26-073	Sharp, straight blade, 13 mm straight edge, 7-1/4" (18.5 cm)
AI-OR-26-074	Sharp, curved blade, 13 mm straight edge, 7-5/8" (19.5 cm)
AI-OR-26-075	Sharp, straight blade, 20 mm round edge, 7-7/8" (20 cm)

Autoclavable to 290°F (143°C)



Cobb Elevators

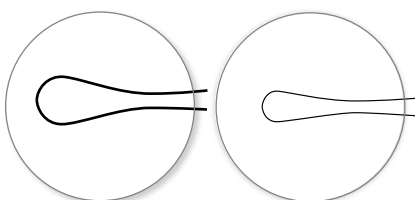
COBB SPINAL ELEVATORS, HEX HANDLE



AI-OR-26-077

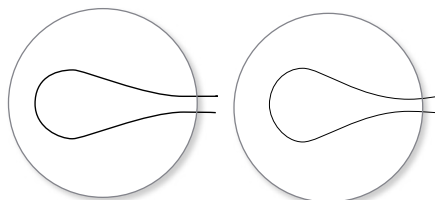
All stainless steel and hexagonal handle.
Sharp, 9-1/2" (24 cm).

CATALOG #	TIP WIDTH
AI-OR-26-076	1/2" (13 mm)
AI-OR-26-077	3/4" (19 mm)
AI-OR-26-078	1" (25.5 mm)
AI-OR-26-079	1-1/4" (32 mm)



AI-OR-26-077

AI-OR-26-076



AI-OR-26-078

AI-OR-26-079

DISSECTORS AND ELEVATORS

Cobb Elevators

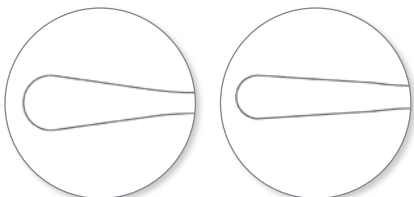


COBB SPINAL ELEVATORS, ALUMINUM HANDLE



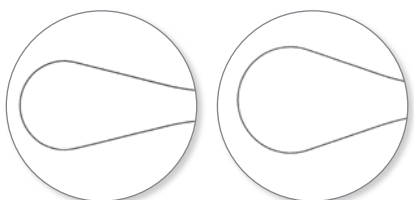
AI-OR-26-081

All stainless steel working end and anodized aluminum handle. Sharp, 11" (28 cm).



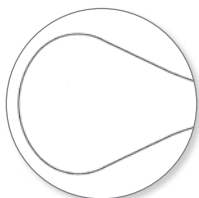
AI-OR-26-081

AI-OR-26-080



AI-OR-26-082

AI-OR-26-083



AI-OR-26-084

CATALOG #	TIP WIDTH
AI-OR-26-080	3/8" (10 mm)
AI-OR-26-081	1/2" (12 mm)
AI-OR-26-082	3/4" (19 mm)
AI-OR-26-083	1" (25 mm)
AI-OR-26-084	1-1/4" (32 mm)

DISSECTORS AND ELEVATORS

Cobb Elevators



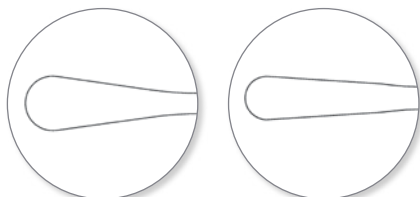
COBB SPINAL ELEVATORS, STAINLESS STEEL HANDLE



AI-OR-26-086

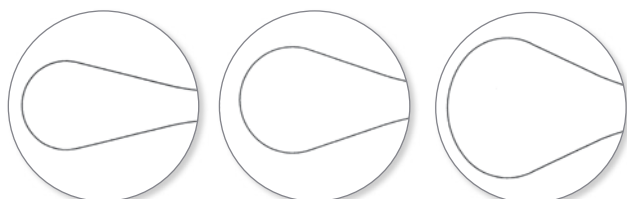
All stainless steel working end and handle.
Sharp, 11" (28 cm).

CATALOG #	TIP WIDTH
AI-OR-26-085	3/8" (10 mm)
AI-OR-26-086	1/2" (12 mm)
AI-OR-26-087	3/4" (19 mm)
AI-OR-26-088	1" (25 mm)
AI-OR-26-089	1-1/4" (32 mm)



AI-OR-26-086

AI-OR-26-085



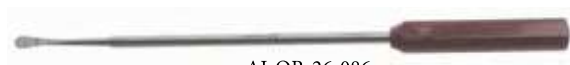
AI-OR-26-087

AI-OR-26-088

AI-OR-26-089

Endoscopic Elevators

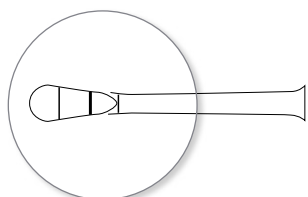
ENDOSCOPIC COBB ELEVATORS



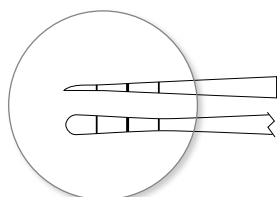
AI-OR-26-086

Phenolic handle.

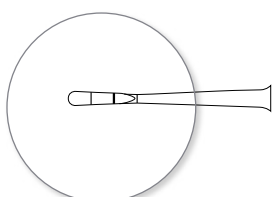
CATALOG #	TIP WIDTH	TIP LENGTH	SHAFT LENGTH	SHAFT DIAMETER	HANDLE LENGTH	OVERALL LENGTH
AI-OR-26-086	1/4" (6 mm) AT-	2.7"	9.3"	0.285" (7.2 mm)	5"	17" (43 cm)
OR-26-087	1/4" (6 mm) AT-	3-1/2"	10"	0.45" (11.5 mm)	6-1/2"	20" (51 cm)
OR-26-088	3/8" (10 mm) AT-	3-1/2"	10"	0.45" (11.5 mm)	6-1/2"	20" (51 cm)
OR-26-089	0.49" (2.5 mm)	3-1/2"	10"	0.45" (11.5 mm)	6-1/2"	20" (51 cm)



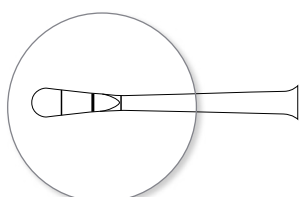
AI-OR-26-086



AI-OR-26-087



AI-OR-26-088



AI-OR-26-089

Phenolic handles autoclavable to 290°F (143°C)

DISSECTORS AND ELEVATORS

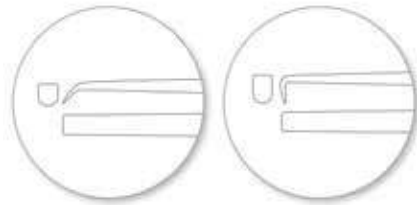
Endoscopic Elevators



ENDOSCOPIC RIB ELEVATORS



AI-OR-26-090



AI-OR-26-090

AI-OR-26-091

Sharp, with phenolic handle.

CATALOG #	TIP SHAPE	TIP WIDTH	TIP LENGTH	SHAFT LENGTH	SHAFT DIAMETER	HANDLE LENGTH	OVERALL LENGTH
AI-OR-26-090	Angled 45 degrees	9 mm radius	4"	8"	0.45" (11.5 mm)	5"	17" (43 cm)
AI-OR-26-091	Curved 90 degrees	9 mm radius	4"	8"	0.45" (11.5 mm)	5"	17" (43 cm)

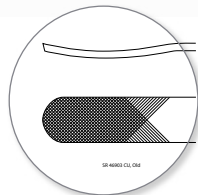
Phenolic handles autoclavable to 290°F (143°C)

Specialty Elevators

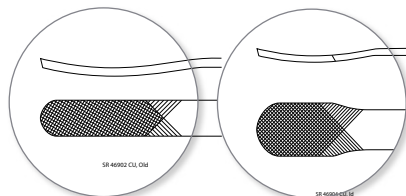
DARRACH ELEVATORS



Useful in shoulder surgery. Blunt tips with serrations can be used to elevate or retract soft tissue and muscle from the operative site.



AI-OR-26-093



AI-OR-26-092

AI-OR-26-094

CATALOG #	DESCRIPTION
AI-OR-26-092	Small, 1/2" (12 mm) wide At tip, 10-1/4" (26 cm)
AI-OR-26-093	Medium, 3/4" (19 mm) wide At tip, 10-1/4" (26 cm)
AI-OR-26-094	Large, 1" (25 mm) wide At tip, 13-3/4" (35 cm)

DISSECTORS AND ELEVATORS

Specialty Elevators



HARRINGTON SPINAL ELEVATOR



AI-OR-26-095

All stainless steel.

CATALOG #	DESCRIPTION
AI-OR-26-095	Sharp, 3/4" (19 mm) wide tip, 12" (30.5 cm)

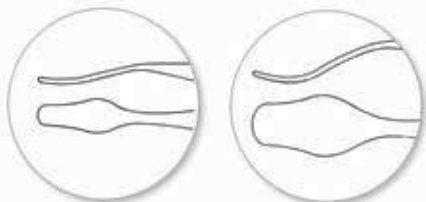
CHANDLER ELEVATORS



AI-OR-26-097

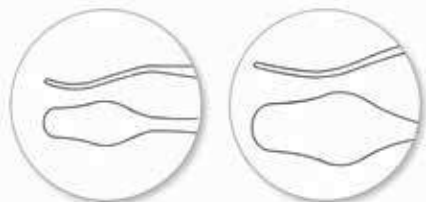
Blunt, slightly curved.

CATALOG #	TIP WIDTH	LENGTH
AI-OR-26-096	8 mm	7-1/8" (18 cm)
AI-OR-26-097	12 mm	8" (20.5 cm)
AI-OR-26-098	17 mm	9" (23 cm)
AI-OR-26-099	19 mm	10" (25.5 cm)



AI-OR-26-096

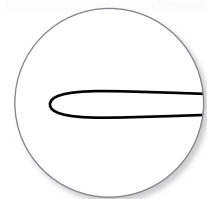
AI-OR-26-097



AI-OR-26-098

AI-OR-26-099

SACHS NERVE ELEVATOR



AI-OR-26-100

CATALOG #	DESCRIPTION
AI-OR-26-100	3 mm blunt, 7-1/2" (19 cm)

BONE FILES AND RASPS

Bone Files



BONE FILE #10



AI-OR-27-001

CATALOG #	DESCRIPTION
AI-OR-27-001	Double-ended, plain serrations, 5 mm width, 7-1/8" (18 cm)



BONE FILE #12



AI-OR-27-002

CATALOG #	DESCRIPTION
AI-OR-27-002	Double-ended, plain serrations, 7 and 5 mm width, 7-1/8" (18 cm)

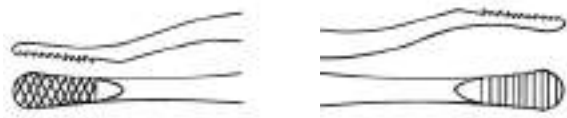


BONE FILE #12A



AI-OR-27-003

CATALOG #	DESCRIPTION
AI-OR-27-003	Double-ended, plain and cross serrations, 5 mm width, 7-1/8" (18 cm)



BONE FILES AND RASPS

Bone Files

BONE FILE #12CA



AI-OR-27-004

CATALOG #	DESCRIPTION
AI-OR-27-004	Double-ended, cross serrations, 5 and 7 mm width, 7-1/8" (18 cm)



BONE FILE #33



AI-OR-27-005

CATALOG #	DESCRIPTION
AI-OR-27-005	Double-ended, plain serrations, 6 and 5 mm width, 7-1/8" (18 cm)



BONE FILE #45



AI-OR-27-006

CATALOG #	DESCRIPTION
AI-OR-27-006	Double-ended, plain serrations, 6 and 5 mm width, 7-1/4" (18.5 cm)



BONE FILES AND RASPS

Bone Files



BONE RASP #64



AI-OR-27-007

CATALOG #	DESCRIPTION
AI-OR-27-007	Double-ended, plain serrations, 3 and 4 mm width, 7-1/8" (18 cm)



BONE FILE #92A



AI-OR-27-008

Single-ended, delicate, plain serrations.

CATALOG #	DESCRIPTION
AI-OR-27-008	Angled downward

BONE FILE #92B



AI-OR-27-009

Single-ended, delicate, plain serrations.

CATALOG #	DESCRIPTION
AI-OR-27-009	Angled upward

NAIL RASP #93



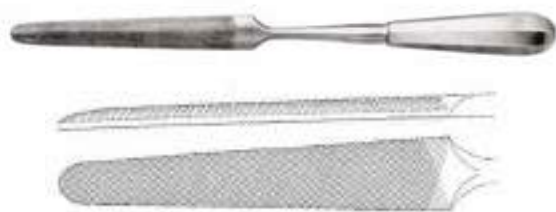
AI-OR-27-010

CATALOG #	DESCRIPTION
AI-OR-27-010	Double-ended, 2 mm wide, angled, 6-3/4" (17 cm)

BONE FILES AND RASPS

Bone Files

BONE FILE



AI-OR-27-011

Single-ended, 2-sided, convex and flat blade 23 mm wide tapers to 6 mm.

CATALOG #	DESCRIPTION
AI-OR-27-011	11" (28 cm)

BONE FILE



AI-OR-27-012

Single-ended, bayonet shank, half round blade.

CATALOG #	DESCRIPTION
AI-OR-27-012	Fine teeth, 15 mm wide, 9-1/2" (24 cm)

Bone Rasps

PUTTI BONE RASP



AI-OR-27-013

Double-ended. One round blade, 10 mm wide, tapers to 4 mm, and one half round blade, 15 mm wide, tapers to 5 mm.

CATALOG #	DESCRIPTION
AI-OR-27-013	12" (30.5 cm)

PUTTI BONE RASP



AI-OR-27-014

Double-ended. Flat blades, 18 mm wide, taper to 4 mm. One blade end is curved up and one end is curved sideways.

CATALOG #	DESCRIPTION
AI-OR-27-014	10-3/8" (26.5 cm)

BONE FILES AND RASPS

Bone Rasps

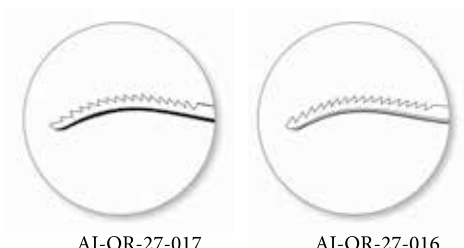


AUFRICHT RASPS



AI-OR-27-015

AI-OR-27-017



AI-OR-27-017

AI-OR-27-016

CATALOG #	DESCRIPTION
AI-OR-27-015	Forward-cutting, 25 x 9 mm, 8" (20.5 cm)
AI-OR-27-016	Forward-cutting, 8.5 mm wide, 8-1/4" (21 cm)
AI-OR-27-017	Backward-cutting, 9 mm wide, 8-1/4" (21 cm)

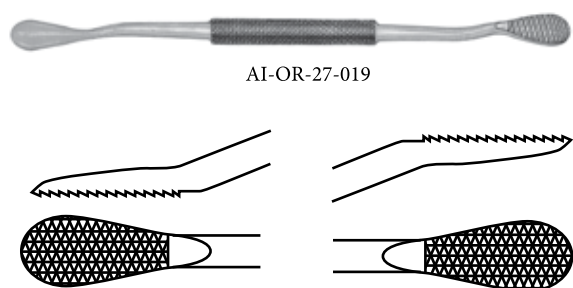
AUFRICHT-GLABELLA RASP



AI-OR-27-018

CATALOG #	DESCRIPTION
AI-OR-27-018	Up and down-cutting, 9 x 30 mm, 7-1/2" (19 cm)

BONE RASP



AI-OR-27-019

For rapid shaping of bone.

CATALOG #	DESCRIPTION
AI-OR-27-019	Double-ended, fine and coarse cross serrations, 13 mm wide, 8-1/2" (21.5 cm)

BONE FILES AND RASPS

Bone Files

CONVERSE RASP



AI-OR-27-020

CATALOG #	DESCRIPTION
AI-OR-27-020	Double-ended, fine and coarse serrations, 7-1/8" (18 cm)

COTTLE RASP



AI-OR-27-021

CATALOG #	DESCRIPTION
AI-OR-27-021	Straight down-cutting blade, 9 mm width, 8-1/4" (21 cm)

FOMAN RASP



AI-OR-27-022

Double-ended. Fine and coarse serrations. 4-sided, convex and flat blades.

CATALOG #	DESCRIPTION
AI-OR-27-022	8-1/2" (21.5 cm)

JOSEPH RASP



AI-OR-27-023

CATALOG #	DESCRIPTION
AI-OR-27-023	Fine serrations, 6-1/8" (15.5 cm)

BONE FILES AND RASPS

Bone Rasps



KLEINERT-KUTZ BONE RASP



AI-OR-27-024

Double-ended. Fine and coarse serrations.
4-sided, convex and flat blades.

CATALOG #	DESCRIPTION
AI-OR-27-024	8-7/8" (22.5 cm)

KLEINERT-KUTZ RASP



AI-OR-27-025

CATALOG #	DESCRIPTION
AI-OR-27-025	4-sided tips, 7.5 mm wide, 8-5/8" (22 cm)

LEWIS RASPS



AI-OR-27-026

Single-ended bayonet shank, plain serrations,
8 mm wide, 7-1/2" (19 cm).



AI-OR-27-026



AI-OR-27-027

CATALOG #	DESCRIPTION
AI-OR-27-026	Fine serrations
AI-OR-27-027	Coarse serrations

BONE FILES AND RASPS

Bone Files



MALTZ RASP



AI-OR-27-028

CATALOG #	DESCRIPTION
AI-OR-27-028	Straight down-cutting blade, 6 mm width, 7-1/8" (18 cm)

MALTZ RASP IMPROVED



AI-OR-27-029

CATALOG #	DESCRIPTION
AI-OR-27-029	Double-ended, forward and backward-cutting, 8 mm wide, 8-1/4" (21 cm)

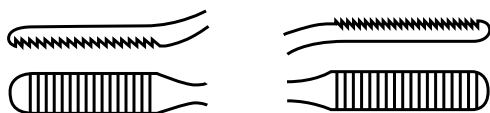
POLOKOFF BONE RASPS



AI-OR-27-030

Double-ended, plain serrations.

CATALOG #	DESCRIPTION
AI-OR-27-030	6 mm wide, 7-7/8" (20 cm)
AI-OR-27-031	3 and 4 mm wide, 7-7/8" (20 cm)



AI-OR-27-030



AI-OR-27-031

BONE FILES AND RASPS

Rib Rasps



ALEXANDER PERIOSTEAL RASP



AI-OR-27-032

CATALOG #	DESCRIPTION
AI-OR-27-032	11 mm sharp, 8-1/8" (20.5 cm)

FARABEUF PERIOSTEAL RASPS



AI-OR-27-034

Single-ended, sharp, 5-7/8" (15 cm).

CATALOG #	DESCRIPTION
AI-OR-27-033	Straight blade, 13 mm curved edge
AI-OR-27-034	Curved blade, 13 mm straight edge

KIRMISSION PERIOSTEAL RASP



AI-OR-27-035

CATALOG #	DESCRIPTION
AI-OR-27-035	Sharp, 6-3/4" (17 cm)

CURETTES

Brun Currettes

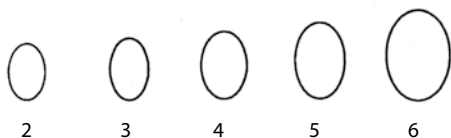
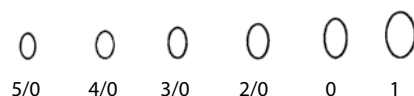


BRUN (SPRATT) CURETTES



AI-OR-28-025

AI-OR-28-003



Oval cup, hollow handle.

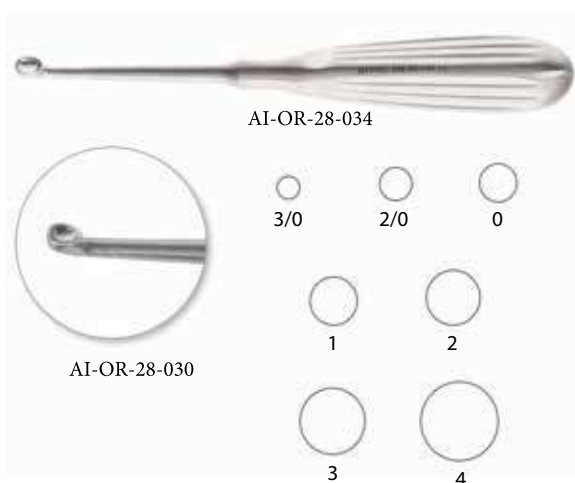
CATALOG #	TIP SHAPE	SIZE	LENGTH
AI-OR-28-001	Straight	#5/0	7" (18 cm)
AI-OR-28-002	Straight	#4/0	7" (18 cm)
AI-OR-28-003	Straight	#3/0	7" (18 cm)
AI-OR-28-004	Straight	#2/0	7" (18 cm)
AI-OR-28-005	Straight	#0	7" (18 cm)
AI-OR-28-006	Straight	#1	7" (18 cm)
AI-OR-28-007	Straight	#2	7" (18 cm)
AI-OR-28-008	Straight	#3	7" (18 cm)
AI-OR-28-009	Straight	#4	7" (18 cm)
AI-OR-28-010	Straight	#5	7" (18 cm)
AI-OR-28-011	Straight	#6	7" (18 cm)
AI-OR-28-012	Straight	#3/0	9" (23 cm)
AI-OR-28-013	Straight	#2/0	9" (23 cm)
AI-OR-28-014	Straight	#0	9" (23 cm)
AI-OR-28-015	Straight	#1	9" (23 cm)
AI-OR-28-016	Straight	#2	9" (23 cm)
AI-OR-28-017	Straight	#3	9" (23 cm)
AI-OR-28-018	Straight	#4	9" (23 cm)
AI-OR-28-019	Straight	#5	9" (23 cm)
AI-OR-28-020	Straight	#6	9" (23 cm)
AI-OR-28-021	Angled 45 degrees	#3/0	9" (23 cm)
AI-OR-28-022	Angled 45 degrees	#2/0	9" (23 cm)
AI-OR-28-023	Angled 45 degrees	#0	9" (23 cm)
AI-OR-28-024	Angled 45 degrees	#1	9" (23 cm)
AI-OR-28-025	Angled 45 degrees	#2	9" (23 cm)
AI-OR-28-026	Angled 45 degrees	#3	9" (23 cm)
AI-OR-28-027	Angled 45 degrees	#4	9" (23 cm)
AI-OR-28-028	Angled 45 degrees	#5	9" (23 cm)
AI-OR-28-029	Angled 45 degrees	#6	9" (23 cm)

CURETTES

Brun Currettes



BRUN (SPRATT) CURETTES



Round up, hollow handle.

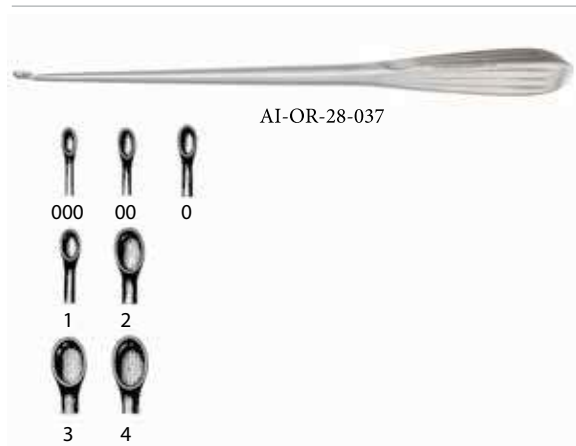
CATALOG #	TIP SHAPE	SIZE	LENGTH
AI-OR-28-030	Straight	#3/0	6-3/4" (17 cm)
AI-OR-28-031	Straight	#2/0	6-3/4" (17 cm)
AI-OR-28-032	Straight	#0	6-3/4" (17 cm)
AI-OR-28-033	Straight	#1	6-3/4" (17 cm)
AI-OR-28-034	Straight	#2	6-3/4" (17 cm)
AI-OR-28-035	Straight	#3	6-3/4" (17 cm)
AI-OR-28-036	Straight	#4	6-3/4" (17 cm)

CURETTES

Brun Currettes



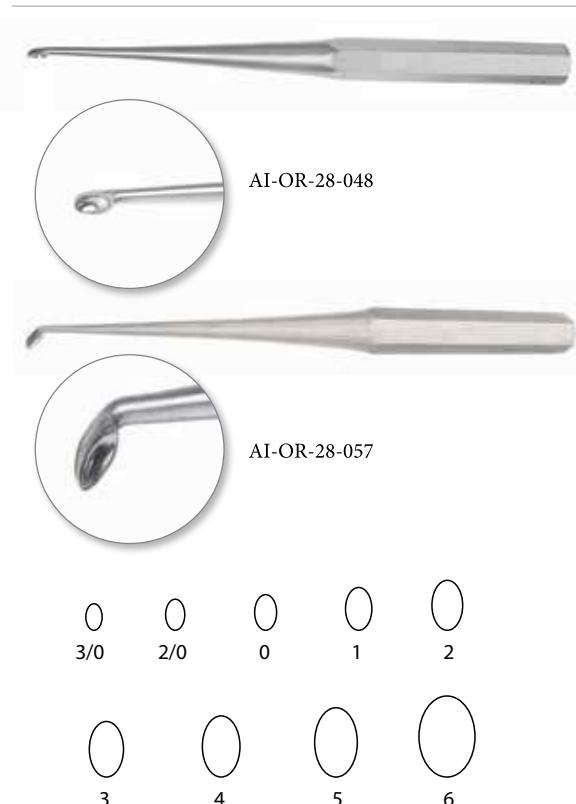
BRUN CURETTES



8-7/8" (22.5 cm).

CATALOG #	DESCRIPTION
AI-OR-28-037	Size 000
AI-OR-28-038	Size 00
AI-OR-28-039	Size 0
AI-OR-28-040	Size 1
AI-OR-28-041	Size 2
AI-OR-28-042	Size 3
AI-OR-28-043	Size 4

BRUN CURETTES



Solid hexagonal handle, 9" (23 cm).

CATALOG #	TIP SHAPE	SIZE
AI-OR-28-044	Straight	3/0
AI-OR-28-045	Straight	2/0
AI-OR-28-046	Straight	0
AI-OR-28-047	Straight	1
AI-OR-28-048	Straight	2
AI-OR-28-049	Straight	3
AI-OR-28-050	Straight	4
AI-OR-28-051	Straight	5
AI-OR-28-052	Straight	6
AI-OR-28-053	Angled 45 degrees	3/0
AI-OR-28-054	Angled 45 degrees	2/0
AI-OR-28-055	Angled 45 degrees	0
AI-OR-28-056	Angled 45 degrees	1
AI-OR-28-057	Angled 45 degrees	2
AI-OR-28-058	Angled 45 degrees	3
AI-OR-28-059	Angled 45 degrees	4
AI-OR-28-060	Angled 45 degrees	5
AI-OR-28-061	Angled 45 degrees	6

CURETTES

Cobb Currettes



COBB CURETTES, ALUMINUM HANDLE



All stainless steel working end and anodized aluminum, knurled handle, 11" (28 cm).

CATALOG #	TIP SHAPE	SIZE
AI-OR-28-062	Straight	3/0
AI-OR-28-063	Straight	2/0
AI-OR-28-064	Straight	0
AI-OR-28-065	Straight	1
AI-OR-28-066	Straight	2
AI-OR-28-067	Straight	3
AI-OR-28-068	Straight	4
AI-OR-28-069	Straight	5
AI-OR-28-070	Straight	6
AI-OR-28-071	Angled	3/0
AI-OR-28-072	Angled	2/0
AI-OR-28-073	Angled	0
AI-OR-28-074	Angled	1
AI-OR-28-075	Angled	2
AI-OR-28-076	Angled	3
AI-OR-28-077	Angled	4
AI-OR-28-078	Angled	5
AI-OR-28-079	Angled	6



CURETTES

Cobb Currettes



COBB CURETTES, STAINLESS STEEL HANDLE



AI-OR-28-085



AI-OR-28-094

All stainless steel working end and stainless steel, knurled handle, 11" (28 cm).

CATALOG #	TIP SHAPE	SIZE
AI-OR-28-080	Straight	#3/0
AI-OR-28-081	Straight	#2/0
AI-OR-28-082	Straight	#0
AI-OR-28-083	Straight	#1
AI-OR-28-084	Straight	#2
AI-OR-28-085	Straight	#3
AI-OR-28-086	Straight	#4
AI-OR-28-087	Straight	#5
AI-OR-28-088	Straight	#6
AI-OR-28-089	Angled	#3/0
AI-OR-28-090	Angled	#2/0
AI-OR-28-091	Angled	#0
AI-OR-28-092	Angled	#1
AI-OR-28-093	Angled	#2
AI-OR-28-094	Angled	#3
AI-OR-28-095	Angled	#4
AI-OR-28-096	Angled	#5
AI-OR-28-097	Angled	#6



CURETTES

Specialty Bone Curettes



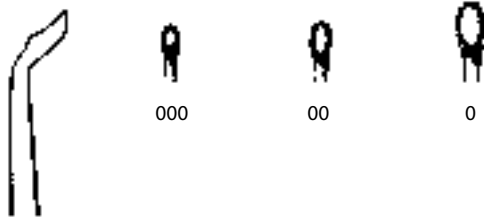
EPSTEIN CURETTES



AI-OR-28-100

Reverse angle, hollow handle, 8" (20.5 cm).

CATALOG #	DESCRIPTION
AI-OR-28-098	#000
AI-OR-28-099	#00
AI-OR-28-100	#0



000

00

0

SCOVILLE CURETTES



AI-OR-28-101

CATALOG #	DESCRIPTION
AI-OR-28-101	Straight, 10" (25.5 cm)
AI-OR-28-102	Down angle, 10" (25.5 cm)
AI-OR-28-103	Up angle, 10" (25.5 cm)



AI-OR-28-102



AI-OR-28-103

CURETTES

Specialty Bone Curettes



HATFIELD BONE CURETTES



Stainless steel with satin finish. Oval shaped tips, overall length 9" (23 cm). Complete set of nine curettes.

CATALOG #	SIZE	TIP WIDTH	TIP LENGTH
AI-OR-28-103	000	2.5 mm	4.0 mm
AI-OR-28-104	00	2.8 mm	4.6 mm
AI-OR-28-105	0	3.3 mm	5.0 mm
AI-OR-28-106	1	3.8 mm	6.0 mm
AI-OR-28-107	2	4.8 mm	7.6 mm
AI-OR-28-108	3	5.8 mm	9.2 mm
AI-OR-28-109	4	7.2 mm	11.6 mm
AI-OR-28-110	5	8.7 mm	12.8 mm
AI-OR-28-111	6	10.5 mm	15.5 mm

JANSEN CURETTE



CATALOG #	DESCRIPTION
AI-OR-28-112	Double-ended, oval cups, 6" (15 cm)

CURETTES

Specialty Bone Curettes



MARTINI BONE CURETTE



AI-OR-28-113

CATALOG #	DESCRIPTION
AI-OR-28-113	Double-ended, 4 mm and 5 mm round cups, 5-1/2" (14 cm)

WILLIGER BONE CURETTE



AI-OR-28-114

CATALOG #	DESCRIPTION
AI-OR-28-114	Double-ended, 3 mm and 4 mm oval cups, 5-1/2" (14 cm)

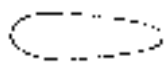
VOLKMANN CURETTES



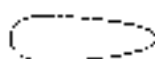
AI-OR-28-116

Double-ended, oval cups.

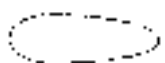
CATALOG #	DESCRIPTION
AI-OR-28-115	Double-ended, straight, 5" (12.5 cm)
AI-OR-28-116	Double-ended, straight, 5 1/2" (14 cm)
AI-OR-28-117	Double-ended, oval cups, 6 1/2" (16.5 cm)
AI-OR-28-118	Double-ended, straight, 8" (20.5 cm)



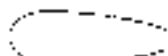
AI-OR-28-115



AI-OR-28-117



AI-OR-28-116



AI-OR-28-118

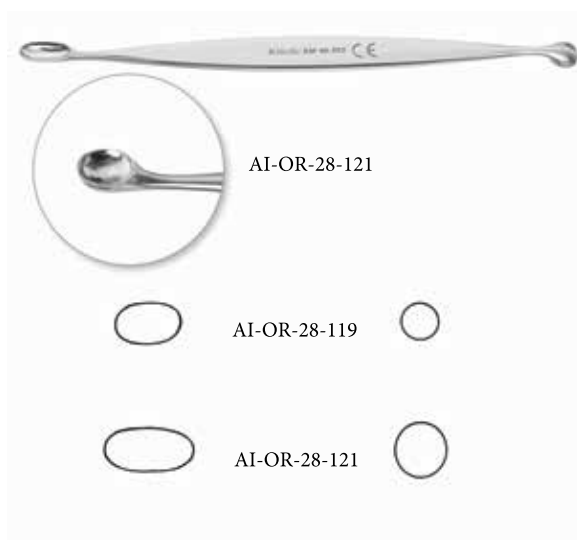


CURETTES

Specialty Bone Curettes



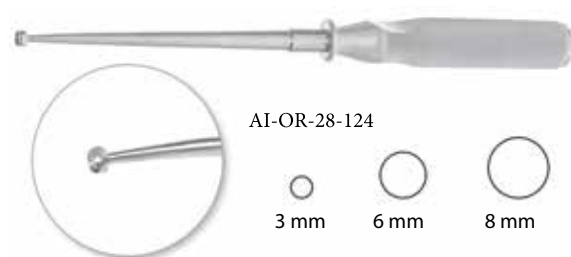
VOLKMANN CURETTES



Double-ended, oval and round cups.

CATALOG #	DESCRIPTION
AI-OR-28-119	5" (12.5 cm)
AI-OR-28-120	8" (20.5 cm)
AI-OR-28-121	6-1/2" (16.5 cm)

CONE RING CURETTES



Knurled handle and fenestrated cup, 9" (23 cm).

CATALOG #	TIP SHAPE	SIZE	TIP
AI-OR-28-122	Straight	#1	8 mm diameter
AI-OR-28-123	Straight	#2	6 mm diameter
AI-OR-28-124	Straight	#3	3 mm diameter
AI-OR-28-125	Angled 35 degrees	#1	8 mm diameter
AI-OR-28-126	Angled 35 degrees	#2	6 mm diameter
AI-OR-28-127	Angled 35 degrees	#3	3 mm diameter

CURETTES

Specialty Bone Curettes

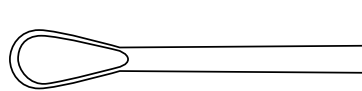


RING CURETTES



AI-OR-28-131

Hollow handle with fenestrated cup.

AI-OR-28-130
AI-OR-28-131AI-OR-28-128
AI-OR-28-129AI-OR-28-132
AI-OR-28-133

CATALOG #	DESCRIPTION
AI-OR-28-128	Size 0, small, 10" (25.5 cm)
AI-OR-28-129	Size 0, small, 11-1/2" (29 cm)
AI-OR-28-130	Size 2, medium, 10" (25.5 cm)
AI-OR-28-131	Size 2, medium, 11-1/2" (29 cm)
AI-OR-28-132	Size 6, large, 10-1/4" (26 cm)
AI-OR-28-133	Size 6, large, 12" (30.5 cm)

RAY PITUITARY CURETTES



AI-OR-28-136

7-1/2" (19 cm).



AI-OR-28-141



AI-OR-28-134



AI-OR-28-137

3 mm

4 mm



AI-OR-28-140



AI-OR-28-143

5 mm

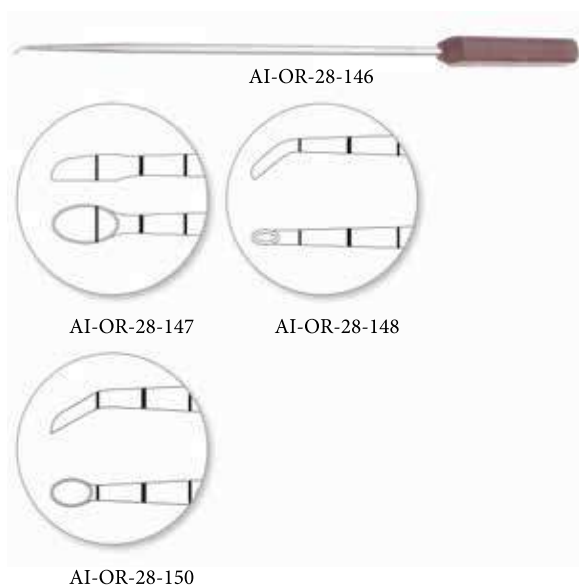
CATALOG #	TIP SHAPE	TIP
AI-OR-28-134	Vertical angle 45 degrees	3 mm
AI-OR-28-135	Vertical angle 45 degrees	4 mm
AI-OR-28-136	Vertical angle 45 degrees	5 mm
AI-OR-28-137	Vertical angle 90 degrees	3 mm
AI-OR-28-138	Vertical angle 90 degrees	4 mm
AI-OR-28-139	Vertical angle 90 degrees	5 mm
AI-OR-28-140	Horizontal angle 45 degrees	3 mm
AI-OR-28-141	Horizontal angle 45 degrees	4 mm
AI-OR-28-142	Horizontal angle 45 degrees	5 mm
AI-OR-28-143	Horizontal angle 90 degrees	3 mm
AI-OR-28-144	Horizontal angle 90 degrees	4 mm
AI-OR-28-145	Horizontal angle 90 degrees	5 mm

CURETTES

Endoscopic Currettes



ENDO BRUN CURETTES



Endoscopic with phenolic handle.

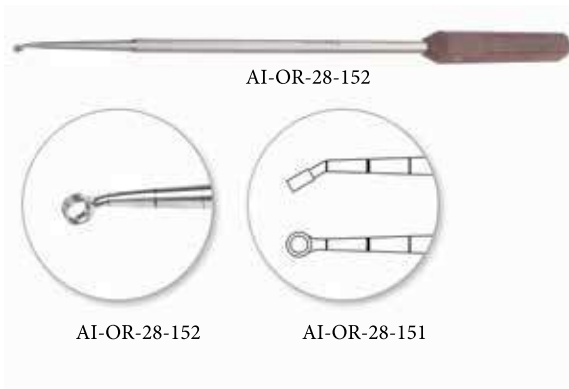
CATALOG #	TIP SHAPE	TIP	TIP LENGTH	SHAFT LENGTH	SHAFT DIA.	HANDLE LENGTH	OVERALL LENGTH
AI-OR-28-146	Angled 40°	2 x 4 mm cup	2.7"	9.3"	0.285"	5"	17" (43 cm)
AI-OR-28-147	Straight	3 x 6 mm cup	2.7"	9.3"	0.285"	5"	17" (43 cm)
AI-OR-28-148	Angled 40°	3 x 6 mm cup	2.7"	9.3"	0.285"	5"	17" (43 cm)
AI-OR-28-149	Angled 40°	3 x 6 mm cup	3-1/2"	10"	0.45"	6-1/2"	20" (51 cm)
AI-OR-28-150	Angled 30°	6 x 9 mm cup	3-1/2"	10"	0.45"	6-1/2"	20" (51 cm)

CURETTES

Endoscopic Currettes



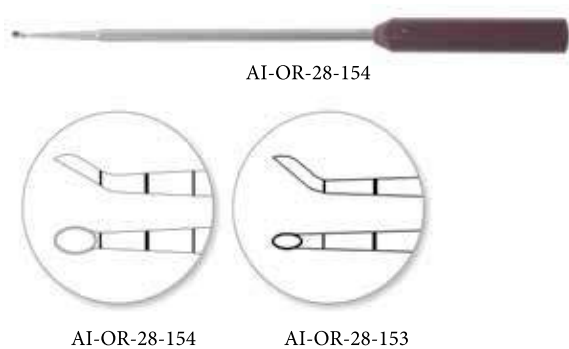
ENDO CONE RING CURETTES



Endoscopic with phenolic handle.

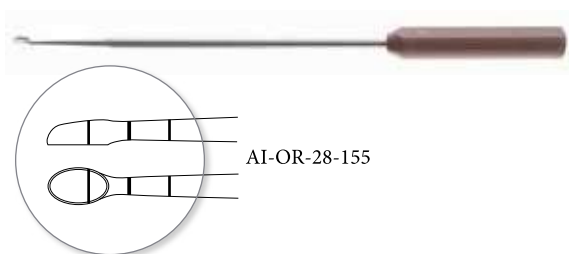
CATALOG #	TIP SHAPE	TIP	TIP LENGTH	SHAFT LENGTH	SHAFT DIA.	HANDLE LENGTH	OVERALL LENGTH
AI-OR-28-151	Angled 40°	3 mm	2.7"	9.3"	0.285"	5"	17" (43 cm)
AI-OR-28-152	Angled 30°	6 mm	3-1/2"	10"	0.45"	6-1/2"	20" (51 cm)

ENDO EPSTEIN CURETTES



CATALOG #	TIP SHAPE	TIP	TIP LENGTH	SHAFT LENGTH	SHAFT DIA.	HANDLE LENGTH	OVERALL LENGTH
AI-OR-28-153	Reverse-angled 40°	3 x 6 mm	2.7"	9.3"	0.285"	5"	17" (43 cm)
AI-OR-28-154	Reverse-angled 30°	6 x 9 mm	3-1/2"	10"	0.45"	6-1/2"	20" (51 cm)

ENDO SCOVILLE CURETTE



Endoscopic with phenolic handle.

CATALOG #	TIP SHAPE	TIP	TIP LENGTH	SHAFT LENGTH	SHAFT DIA.	HANDLE LENGTH	OVERALL LENGTH
AI-OR-28-155	Straight	9 x 15 mm	3-1/2"	10"	0.45"	6-1/2"	20" (51 cm)

CURETTES



BRUN SMARTRACK FOR 7" CURETTES



AI-OR-28-156

Aluminum and stainless steel.

CATALOG #	DESCRIPTION
AI-OR-28-156	Holds 12 7" Surgitronix Brun Cures

COBB SMARTRACK FOR 11" INSTRUMENTS



AI-OR-28-157

Aluminum and stainless steel.

CATALOG #	DESCRIPTION
AI-OR-28-157	Holds nine 11" SH Medexperts Cobb Cures, Elevators or Gouges

HIBBS AND BRUN SMARTRACK FOR 9" INSTRUMENTS



AI-OR-28-158

Aluminum and stainless steel.

CATALOG #	DESCRIPTION
AI-OR-28-158	Holds 12 9" SH Medexperts Brun Cures, or Hibbs Chisels, Gouges or Osteotomes

OSTEOTOMES

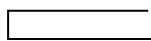
Lambotte



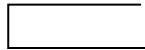
MINI-LAMBOTTE OSTEOTOMES, STRAIGHT 5"



AI-OR-29-004



4 mm



6 mm



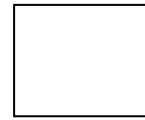
8 mm



10 mm



12 mm



15 mm

Straight, without calibration lines, 5" (12.5 cm).

CATALOG #	DESCRIPTION
AI-OR-29-001	1/8" (4 mm)
AI-OR-29-002	1/4" (6 mm)
AI-OR-29-003	5/16" (8 mm)
AI-OR-29-004	3/8" (10 mm)
AI-OR-29-005	1/2" (12 mm)
AI-OR-29-006	9/16" (14 mm)
AI-OR-29-007	5/8" (15 mm)
AI-OR-29-008	11/16" (18 mm)
AI-OR-29-009	3/4" (19 mm)
AI-OR-29-010	13/16" (20 mm)

LAMBOTTE-STYLE OSTEOTOMES



AI-OR-29-013

flat thin blade, 5" (12.5 cm).

CATALOG #	DESCRIPTION
AI-OR-29-011	2 mm
AI-OR-29-012	4 mm
AI-OR-29-013	6 mm
AI-OR-29-014	8 mm
AI-OR-29-015	10 mm
AI-OR-29-016	12 mm
AI-OR-29-017	15 mm

OSTEOTOMES

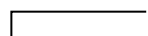
Lambotte



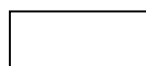
LAMBOTTE OSTEOTOMES, STRAIGHT 7"



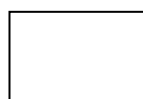
AI-OR-29-018



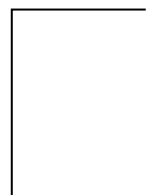
4 mm



8 mm



12 mm



25 mm

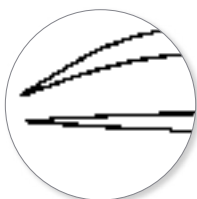
Straight, with calibration lines, 7" (18 cm).

CATALOG #	DESCRIPTION
AI-OR-29-018	1/8" (4 mm)
AI-OR-29-019	3/16" (5 mm)
AI-OR-29-020	1/4" (6 mm)
AI-OR-29-021	5/16" (8 mm)
AI-OR-29-022	3/8" (10 mm)
AI-OR-29-023	1/2" (12 mm)
AI-OR-29-024	5/8" (16 mm)
AI-OR-29-025	3/4" (19 mm)
AI-OR-29-026	7/8" (22 mm)
AI-OR-29-027	1" (25 mm)

LONG BEVEL OSTEOTOMES



AI-OR-29-028



AI-OR-29-031



10 mm



20 mm

The unusually long bevel allows the cut bone to bend gradually as it is cut. Calibration lines, 7" (18 cm).

CATALOG #	DESCRIPTION
AI-OR-29-028	Straight, 10 mm
AI-OR-29-029	Straight, 20 mm
AI-OR-29-030	Straight, 25 mm
AI-OR-29-031	Curved, 5 mm
AI-OR-29-032	Curved, 10 mm

OSTEOTOMES

Lambotte



LAMBOTTE OSTEOTOMES, STRAIGHT 9"



AI-OR-29-035

Straight, without calibration lines, 9" (23 cm).

CATALOG #	DESCRIPTION
AI-OR-29-033	1/4" (6 mm)
AI-OR-29-034	1/2" (13 mm)
AI-OR-29-035	3/4" (19 mm)
AI-OR-29-036	1" (25 mm)
AI-OR-29-037	1-1/4" (32 mm)
AI-OR-29-038	1-1/2" (38 mm)

6 mm

12 mm

19 mm

25 mm

32 mm

LAMBOTTE OSTEOTOMES, CURVED 9"



AI-OR-29-041

Curved, without calibration lines, 9" (23 cm).

CATALOG #	DESCRIPTION
AI-OR-29-039	1/4" (6 mm)
AI-OR-29-040	1/2" (12 mm)
AI-OR-29-041	3/4" (19 mm)
AI-OR-29-042	1" (25 mm)
AI-OR-29-043	1-1/4" (32 mm)
AI-OR-29-044	1-1/2" (38 mm)

6 mm

12 mm

19 mm

25 mm

32 mm

OSTEOTOMES

Specialty

OSTEOTOMES



AI-OR-29-047

Flat thin blade, 6" (15 cm).

CATALOG #	DESCRIPTION
AI-OR-29-045	2 mm
AI-OR-29-046	3 mm
AI-OR-29-047	4 mm
AI-OR-29-048	5 mm
AI-OR-29-049	6 mm
AI-OR-29-050	7 mm
AI-OR-29-051	10 mm

MINI OSTEOTOMES



AI-OR-29-053

Curved, 5" (12.5 cm).

CATALOG #	DESCRIPTION
AI-OR-29-052	4 mm
AI-OR-29-053	6 mm

Hoke

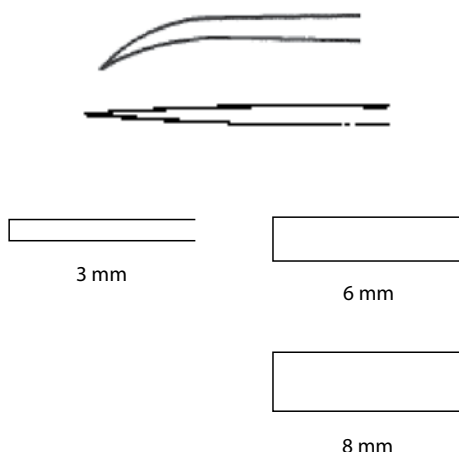
HOKE OSTEOTOMES



AI-OR-29-056

5-1/4" (13.5 cm).

CATALOG #	TIP	TIP WIDTH
AI-OR-29-054	Straight	1/8" (3 mm)
AI-OR-29-055	Straight	3/16" (4 mm)
AI-OR-29-056	Straight	1/4" (6 mm)
AI-OR-29-057	Straight	5/16" (8 mm)
AI-OR-29-058	Straight	3/8" (10 mm)
AI-OR-29-059	Straight	1/2" (13 mm)
AI-OR-29-060	Straight	5/8" (16 mm)
AI-OR-29-061	Straight	3/4" (19 mm)
AI-OR-29-062	Curved	1/8" (3 mm)
AI-OR-29-063	Curved	3/16" (4 mm)
AI-OR-29-064	Curved	1/4" (6 mm)
AI-OR-29-065	Curved	5/16" (8 mm)
AI-OR-29-066	Curved	3/8" (10 mm)
AI-OR-29-067	Curved	1/2" (13 mm)
AI-OR-29-068	Curved	5/8" (16 mm)
AI-OR-29-069	Curved	3/4" (19 mm)



OSTEOTOMES

Sheehan



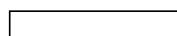
SHEEHAN OSTEOTOMES



AI-OR-29-073

Straight, 6-1/4" (16 cm).

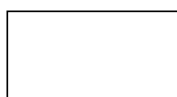
CATALOG #	DESCRIPTION
AI-OR-29-070	2 mm
AI-OR-29-071	4 mm
AI-OR-29-072	6 mm
AI-OR-29-073	8 mm
AI-OR-29-074	10 mm
AI-OR-29-075	12 mm
AI-OR-29-076	15 mm



4 mm



8 mm



12 mm

Silver

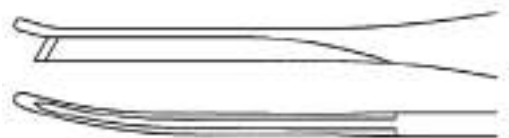
SILVER OSTEOTOMES



AI-OR-29-077

Single guard, 7" (18 cm).

CATALOG #	DESCRIPTION
AI-OR-29-077	Straight
AI-OR-29-078	Guard, right
AI-OR-29-079	Guard, left



AI-OR-29-078



AI-OR-29-079

OSTEOTOMES

U.S. Army

U.S. ARMY PATTERN OSTEOTOMES



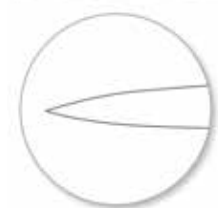
AI-OR-29-081

7" (18 cm).

CATALOG #	DESCRIPTION
AI-OR-29-080	6 mm
AI-OR-29-081	12 mm
AI-OR-29-082	18 mm

Stille

STILLE OSTEOTOMES



AI-OR-29-084

Straight, 8" (20.5 cm).

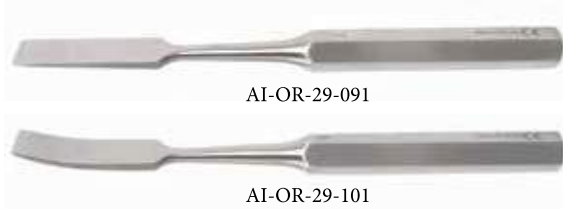
CATALOG #	DESCRIPTION
AI-OR-29-083	10 mm
AI-OR-29-084	14 mm
AI-OR-29-085	18 mm
AI-OR-29-086	22 mm

OSTEOTOMES

Hibbs

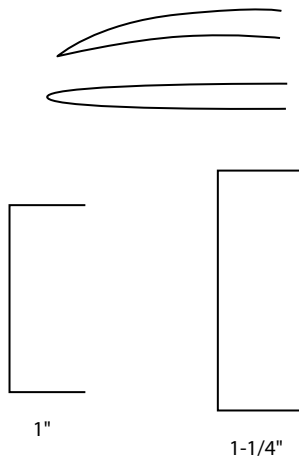


HIBBS OSTEOTOMES

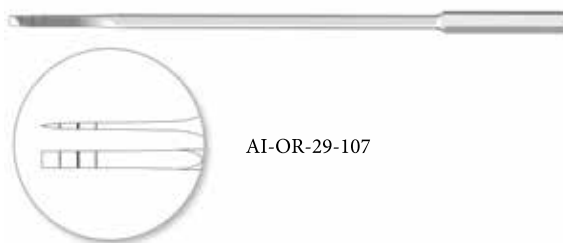


9" (23 cm).

CATALOG #	TIP	TIP WIDTH
AI-OR-29-087	Straight	1/4"
AI-OR-29-088	Straight	3/8"
AI-OR-29-089	Straight	1/2"
AI-OR-29-090	Straight	5/8"
AI-OR-29-091	Straight	3/4"
AI-OR-29-092	Straight	7/8"
AI-OR-29-093	Straight	1"
AI-OR-29-094	Straight	1-1/8"
AI-OR-29-095	Straight	1-1/4"
AI-OR-29-096	Straight	1-1/2"
AI-OR-29-097	Curved	1/4"
AI-OR-29-098	Curved	3/8"
AI-OR-29-099	Curved	1/2"
AI-OR-29-100	Curved	5/8"
AI-OR-29-101	Curved	3/4"
AI-OR-29-102	Curved	7/8"
AI-OR-29-103	Curved	1"
AI-OR-29-104	Curved	1-1/8"
AI-OR-29-105	Curved	1-1/4"
AI-OR-29-106	Curved	1-1/2"



HIBBS ENDOSCOPIC OSTEOTOME



Straight tip, 18-1/2" (47 cm).

CATALOG #	TIP WIDTH	TIP LENGTH	SHAFT LENGTH	SHAFT DIAMETER	HANDLE LENGTH
AI-OR-29-107	3/8" (10 mm)	3-1/2"	10-3/4"	0.43" (11 mm)	4-1/4"

OSTEOTOMES

Smith Peterson



SMITH PETERSON OSTEOTOME



AI-OR-29-115



AI-OR-29-120



8" (20.5 cm).

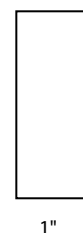
CATALOG #	TIP	TIP WIDTH
AI-OR-29-108	Straight	1/4"
AI-OR-29-109	Straight	3/8"
AI-OR-29-110	Straight	1/2"
AI-OR-29-111	Straight	5/8"
AI-OR-29-112	Straight	3/4"
AI-OR-29-113	Straight	1"
AI-OR-29-114	Straight	1-1/4"
AI-OR-29-115	Curved	1/4"
AI-OR-29-116	Curved	3/8"
AI-OR-29-117	Curved	1/2"
AI-OR-29-118	Curved	5/8"
AI-OR-29-119	Curved	3/4"
AI-OR-29-120	Curved	1"
AI-OR-29-121	Curved	1-1/4"



1/4"



1/2"



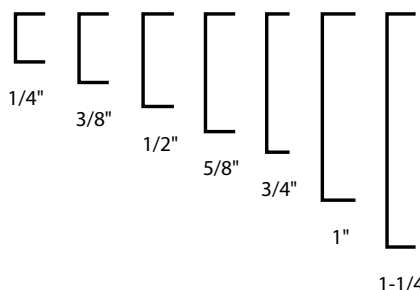
1"

Cobb

COBB OSTEOTOME



AI-OR-29-122



All stainless steel, 11" (28 cm).

CATALOG #	DESCRIPTION
AI-OR-29-122	Straight, 1/4"
AI-OR-29-123	Straight, 3/8"
AI-OR-29-124	Straight, 1/2"
AI-OR-29-125	Straight, 5/8"
AI-OR-29-126	Straight, 3/4"
AI-OR-29-127	Straight, 1"
AI-OR-29-128	Straight, 1-1/4"
AI-OR-29-129	Curved, 1/4"
AI-OR-29-130	Curved, 3/8"
AI-OR-29-131	Curved, 1/2"
AI-OR-29-132	Curved, 5/8"
AI-OR-29-133	Curved, 3/4"
AI-OR-29-134	Curved, 1"
AI-OR-29-135	Curved, 1-1/4"

OSTEOTOMES

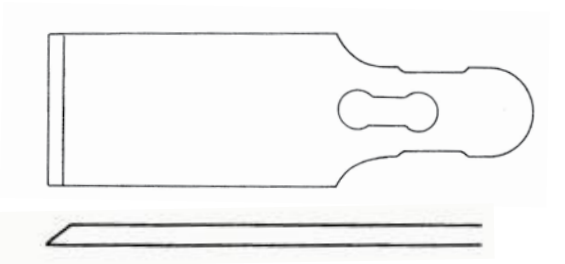
Interchangeable Osteotome, Chisel and Gouge Set



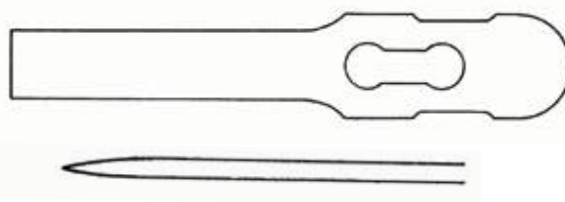
INTERCHANGEABLE OSTEOTOME, CHISEL AND GOUGE SET



AI-OR-29-136

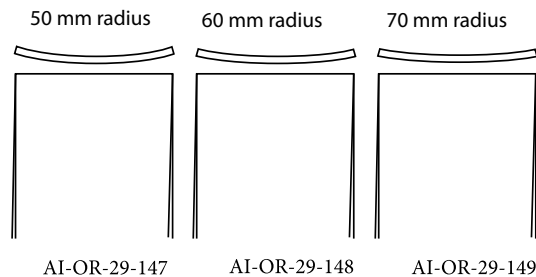


AI-OR-29-146



AI-OR-29-140

CATALOG #	DESCRIPTION
AI-OR-29-136	Complete set with handle, key and all blades
AI-OR-29-137	Phenolic handpiece only, 7-3/8" (18.5 cm)
AI-OR-29-138	Key only
AI-OR-29-139	Osteotome blade, 5 mm
AI-OR-29-140	Osteotome blade, 10 mm
AI-OR-29-141	Osteotome blade, 16 mm
AI-OR-29-142	Osteotome blade, 25 mm
AI-OR-29-143	Chisel blade, 5 mm
AI-OR-29-144	Chisel blade, 10 mm
AI-OR-29-145	Chisel blade, 16 mm
AI-OR-29-146	Chisel blade, 25 mm
AI-OR-29-147	Gouge blade, 1" wide, 50 mm radius
AI-OR-29-148	Gouge blade, 1" wide, 60 mm radius
AI-OR-29-149	Gouge blade, 1" wide, 70 mm radius

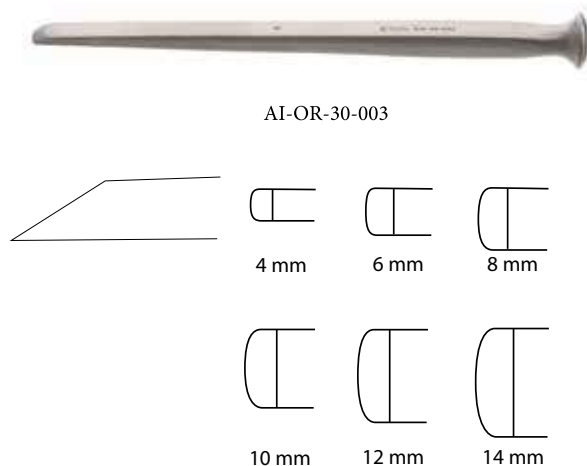


Blades should be discarded after use.
Phenolic handle is autoclavable to 290° F (143° C).

CHISELS AND GOUGES

Chisels

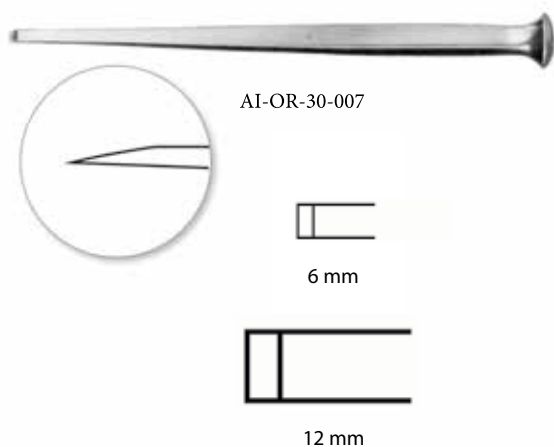
ALEXANDER CHISELS



7-1/8" (18 cm).

CATALOG #	DESCRIPTION
AI-OR-30-001	4 mm
AI-OR-30-002	6 mm
AI-OR-30-003	8 mm
AI-OR-30-004	10 mm
AI-OR-30-005	12 mm
AI-OR-30-006	14 mm

ARMY PATTERN CHISELS



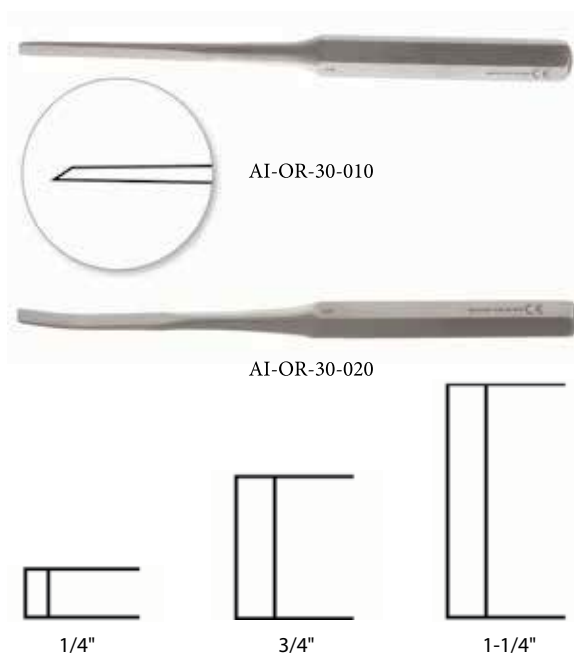
7-1/8" (18 cm).

CATALOG #	DESCRIPTION
AI-OR-30-007	6 mm
AI-OR-30-008	12 mm
AI-OR-30-009	18 mm

CHISELS AND GOUGES

Chisels

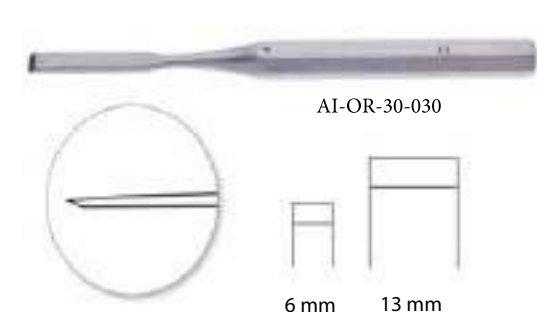
HIBBS CHISELS



9" (23 cm).

CATALOG #	TIP	TIP WIDTH
AI-OR-30-010	Straight	1/4"
AI-OR-30-011	Straight	3/8"
AI-OR-30-012	Straight	1/2"
AI-OR-30-013	Straight	5/8"
AI-OR-30-014	Straight	3/4"
AI-OR-30-015	Straight	7/8"
AI-OR-30-016	Straight	1"
AI-OR-30-017	Straight	1-1/8"
AI-OR-30-018	Straight	1-1/4"
AI-OR-30-019	Straight	1-1/2"
AI-OR-30-020	Curved	1/4"
AI-OR-30-021	Curved	3/8"
AI-OR-30-022	Curved	1/2"
AI-OR-30-023	Curved	5/8"
AI-OR-30-024	Curved	3/4"
AI-OR-30-025	Curved	7/8"
AI-OR-30-026	Curved	1"
AI-OR-30-027	Curved	1-1/8"
AI-OR-30-028	Curved	1-1/4"
AI-OR-30-029	Curved	1-1/2"

HOKE CHISELS



Straight, 5-1/4" (13.5 cm).

CATALOG #	DESCRIPTION
AI-OR-30-030	3/16" (4 mm)
AI-OR-30-031	1/4" (6 mm)
AI-OR-30-032	3/8" (10 mm)
AI-OR-30-033	1/2" (13 mm)
AI-OR-30-034	3/4" (19 mm)

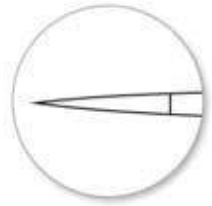
CHISELS AND GOUGES

Chisels

LEXER CHISELS

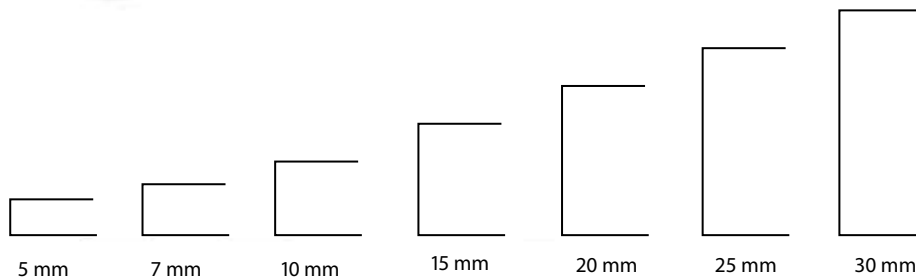


Phenolic handle, 8-5/8" (22 cm).



AI-OR-30-036

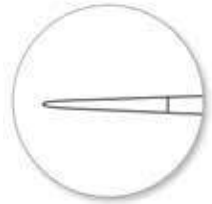
CATALOG #	DESCRIPTION
AI-OR-30-035	5 mm
AI-OR-30-036	7 mm
AI-OR-30-037	10 mm
AI-OR-30-038	15 mm
AI-OR-30-039	20 mm
AI-OR-30-040	25 mm
AI-OR-30-041	30 mm



LEXER MINI CHISELS

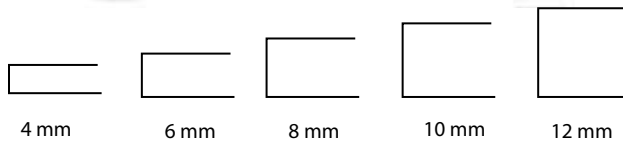


Phenolic handle, 7-1/8" (18 cm).



AI-OR-30-042

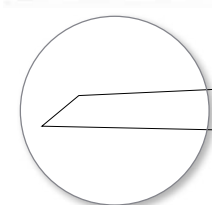
CATALOG #	DESCRIPTION
AI-OR-30-042	4 mm
AI-OR-30-043	6 mm
AI-OR-30-044	8 mm
AI-OR-30-045	10 mm
AI-OR-30-046	12 mm



STILLE-TYPE CHISELS



8-1/8" (20.5 cm).



AI-OR-30-048

CATALOG #	DESCRIPTION
AI-OR-30-047	10 mm
AI-OR-30-048	14 mm
AI-OR-30-049	18 mm
AI-OR-30-050	22 mm

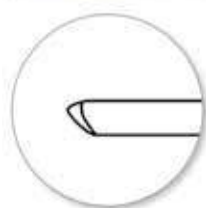
CHISELS AND GOUGES

Gouges

ALEXANDER GOUGES



7" (18 cm).



AI-OR-30-053

CATALOG #	DESCRIPTION
AI-OR-30-051	4 mm
AI-OR-30-052	6 mm
AI-OR-30-053	8 mm
AI-OR-30-054	10 mm
AI-OR-30-055	12 mm
AI-OR-30-056	14 mm



4 mm



6 mm



8 mm



10 mm



12 mm



14 mm

U.S. ARMY PATTERN GOUGES



7" (18 cm).

AI-OR-30-057

CATALOG #	DESCRIPTION
AI-OR-30-057	6 mm
AI-OR-30-058	12 mm
AI-OR-30-059	14 mm



6 mm



12 mm

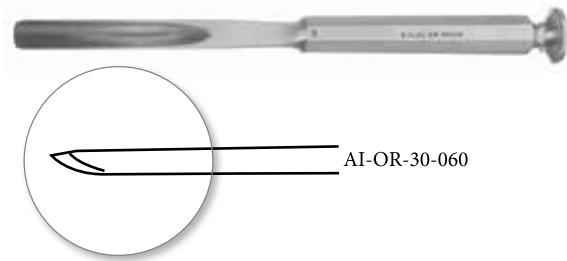


14 mm

CHISELS AND GOUGES

Gouges

STILLE-TYPE GOUGES



8" (20.5 cm).

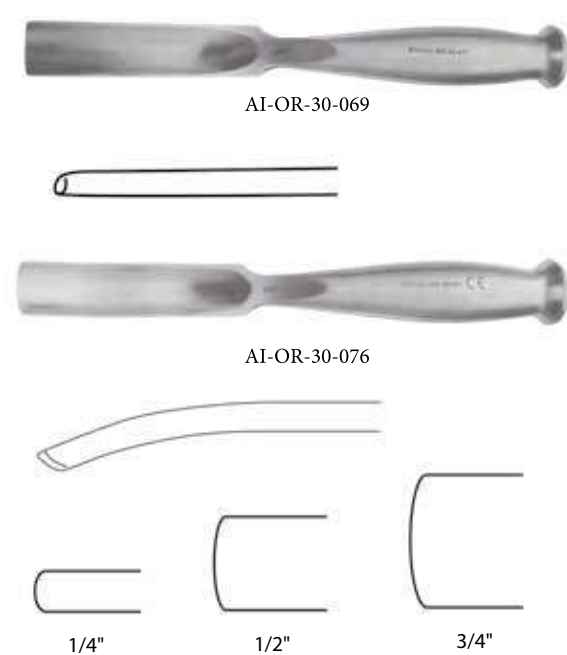
CATALOG #	DESCRIPTION
AI-OR-30-060	10 mm
AI-OR-30-061	14 mm
AI-OR-30-062	18 mm
AI-OR-30-063	22 mm

SHOULDER PENETRATING GOUGE



CATALOG #	DESCRIPTION
AI-OR-30-064	3 mm tip, 8-1/2" (21.5 cm)

SMITH PETERSON GOUGES



CATALOG #	TIP	TIP WIDTH
AI-OR-30-065	Straight	1/4"
AI-OR-30-066	Straight	3/8"
AI-OR-30-067	Straight	1/2"
AI-OR-30-068	Straight	5/8"
AI-OR-30-069	Straight	3/4"
AI-OR-30-070	Straight	1"
AI-OR-30-071	Straight	1-1/4"
AI-OR-30-072	Curved	1/4"
AI-OR-30-073	Curved	3/8"
AI-OR-30-074	Curved	1/2"
AI-OR-30-075	Curved	5/8"
AI-OR-30-076	Curved	3/4"
AI-OR-30-077	Curved	1"
AI-OR-30-078	Curved	1-1/4"

CHISELS AND GOUGES

Gouges



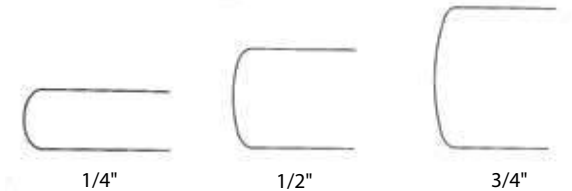
HIBBS GOUGES



AI-OR-30-083



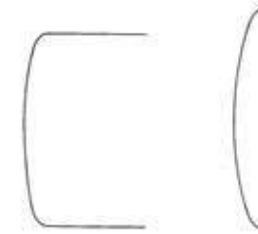
AI-OR-30-093



1/4"

1/2"

3/4"



1"



1-1/4"

9" (23 cm).

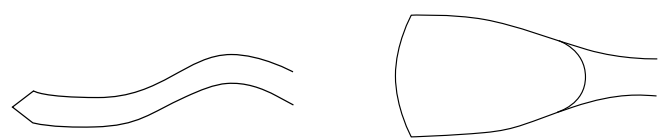
CATALOG #	TIP	TIP WIDTH
AI-OR-30-079	Straight	1/4"
AI-OR-30-080	Straight	3/8"
AI-OR-30-081	Straight	1/2"
AI-OR-30-082	Straight	5/8"
AI-OR-30-083	Straight	3/4"
AI-OR-30-084	Straight	7/8"
AI-OR-30-085	Straight	1"
AI-OR-30-086	Straight	1-1/8"
AI-OR-30-087	Straight	1-1/4"
AI-OR-30-088	Straight	1-1/2"
AI-OR-30-089	Curved	1/4"
AI-OR-30-090	Curved	3/8"
AI-OR-30-091	Curved	1/2"
AI-OR-30-092	Curved	5/8"
AI-OR-30-093	Curved	3/4"
AI-OR-30-094	Curved	7/8"
AI-OR-30-095	Curved	1"
AI-OR-30-096	Curved	1-1/8"
AI-OR-30-097	Curved	1-1/4"
AI-OR-30-098	Curved	1-1/2"

SWAN NECK GOUGE



AI-OR-30-099

CATALOG #	DESCRIPTION
AI-OR-30-099	1" distal tip, 9" (23 cm)



CHISELS AND GOUGES

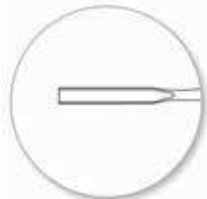
Gouges



COBB-TYPE SPINAL GOUGES



AI-OR-30-101



AI-OR-30-100



AI-OR-30-101



AI-OR-30-102



AI-OR-30-103

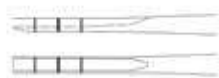
All stainless, with knurled handle, 5/32" (7 mm) distal tip, 11" (28 cm).

CATALOG #	DESCRIPTION
AI-OR-30-100	Straight
AI-OR-30-101	Medium curve
AI-OR-30-102	Strong curve
AI-OR-30-103	Reverse curve

HIBBS ENDOSCOPIC GOUGE



AI-OR-30-104



Straight tip, stainless steel handle, 18-1/2" (47 cm).

CATALOG #	TIP WIDTH	TIP LENGTH	SHAFT LENGTH	SHAFT DIAMETER	HANDLE LENGTH
AI-OR-30-104	0.28" (7 mm)	3-1/2"	10-3/4"	0.43"	4-1/4"

BONE TAMPS AND IMPACTORS

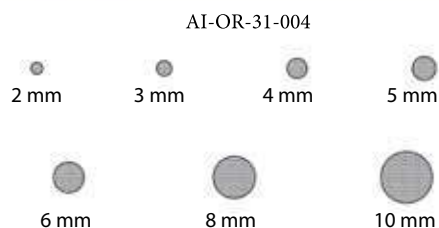
Bone Tamps



BONE TAMPS



Cross-serrated tip, 6-1/4" (16 cm).



AI-OR-31-004

CATALOG #	DESCRIPTION
AI-OR-31-001	2 mm diameter
AI-OR-31-002	3 mm
AI-OR-31-003	4 mm
AI-OR-31-004	5 mm
AI-OR-31-005	6 mm
AI-OR-31-006	8 mm
AI-OR-31-007	10 mm

BONE IMPACTOR



AI-OR-31-008

Designed to tap bone graft or bone parts into place with minimal trauma to the bone. The compactor head is nylon with a grid surface to prevent slippage.

CATALOG #	DESCRIPTION
AI-OR-31-008	Anodized aluminum handle with replaceable nylon caps, head diameter 20 mm, 6-1/2" (16.5 cm)

Autoclavable to 250°F (121°C)

BONE CHIP PACKERS



AI-OR-31-010

Stainless steel handle, 9-7/8" (25 cm).

CATALOG #	DESCRIPTION
AI-OR-31-009	3 mm x 16 mm
AI-OR-31-010	2 mm x 9 mm
AI-OR-31-011	6 mm x 9 mm
AI-OR-31-012	6 mm x 19 mm
AI-OR-31-013	1/4" (5 mm)

AI-OR-31-009 AI-OR-31-010 AI-OR-31-011 AI-OR-31-012 AI-OR-31-013

BONE TAMPS AND IMPACTORS

Impactors



ENDOSCOPIC BONE TAMP



AI-OR-31-014

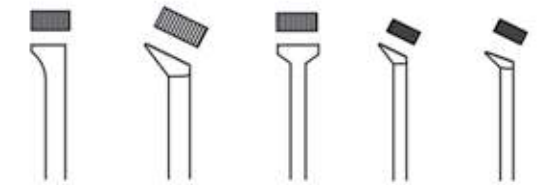
Straight, stainless steel handle, 17" (43 cm).

CATALOG #	TIP WIDTH	TIP LENGTH	SHAFT LENGTH	SHAFT DIAMETER	HANDLE LENGTH
AI-OR-31-014	3/8" (10 mm)	0.16"	12.59"	0.280" (7.1 mm)	4-1/4"

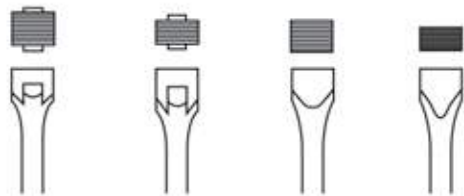
LUMBAR AND CERVICAL IMPACTORS AND DRIVERS



AI-OR-31-018



AI-OR-31-015 AI-OR-31-016 AI-OR-31-017 AI-OR-31-018 AI-OR-31-019



AI-OR-31-020 AI-OR-31-021 AI-OR-31-022 AI-OR-31-023

CATALOG #	DESCRIPTION
AI-OR-31-015	Impactor, standard offset, 6 mm x 12 mm, 8-1/2" (21.5 cm)
AI-OR-31-016	Impactor, central canal, 7 mm x 16 mm, 8-1/2" (21.5 cm)
AI-OR-31-017	Impactor, lateral narrow, 6 mm x 13 mm, 8-1/2" (21.5 cm)
AI-OR-31-018	Impactor, micro offset, 4 mm x 9.5 mm, 7" (18 cm)
AI-OR-31-019	Impactor, micro lateral, 4 mm x 10 mm, 7" (18 cm)
AI-OR-31-020	Graft driver, lumbar, guarded, 10 mm x 13 mm, 8-1/2" (21.5 cm)
AI-OR-31-021	Graft driver, anterior, guarded, 7 mm x 13 mm, 8-1/2" (21.5 cm)
AI-OR-31-022	Graft driver, lumbar, unguarded, 10 mm x 13 mm, 8-1/2" (21.5 cm)
AI-OR-31-023	Graft driver, anterior, unguarded, 7 mm x 13 mm, 8-1/2" (21.5 cm)

MALLETS

Light and Medium Weight Mallets



NARROW TIP Mallet



AI-OR-32-001

Useful for hand surgery and in areas where access is limited.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-001	7 oz (198 g)	3 oz (85 g)	18 x 18 mm (square contact surface) 7 mm (round contact surface)	8" (20.5 cm)

Autoclavable to 290°F (143°C)

SOLID COPPER HEAD Mallet



AI-OR-32-002

CATALOG #	WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-002	4 oz (113 g)	3/4" (20 mm)	6-1/2" (16.5 cm)

MINI Mallet



AI-OR-32-003

Solid stainless steel.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-003	4 oz (113 g)	3 oz (85 g)	20 mm	7" (18 cm)

MALLETS

Light and Medium Weight Mallets



LUCAE BONE MALLETS



Solid stainless steel handles.

CATALOG #	WEIGHT	HEAD	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-004	7 oz (198 g)	Stainless steel	3 oz (85 g)	19 mm	7-1/2" (19 cm)
AI-OR-32-005	9 oz (260 g)	Brass	5 oz (142 g)	25 mm	8" (20.5 cm)

MALLET #49



Lead filled and faced.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-006	7 oz (198 g)	5 oz (142 g)	22 mm	7-3/4" (19.5 cm)

Lead filled mallets should only be used to strike flat surfaces. Do not use to hit sharp objects as doing so can lead to flake off.

MALLET



Lightweight. Includes two replaceable nylon caps, anodized aluminum handle.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-007	7 oz (198 g)	4 oz (113 g)	25 mm	7-1/2" (19 cm)

Autoclavable to 250°F (121°C)

MALLET CAPS



CATALOG #	DESCRIPTION
AI-OR-32-008	Pair of nylon caps for KM46662, 1" (2.5 cm)

MALLETS

Light and Medium Weight Mallets



NYLON HEAD MALLETS



AI-OR-32-009



AI-OR-32-010

CATALOG #	WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-009	8 oz (227 g)	1" (25 mm)	7-1/2" (19 cm)
AI-OR-32-010	11 oz (312 g)	1-1/4" (32 mm)	7-5/8" (19.5 cm)

NYLON HEAD Mallet FACES



AI-OR-32-012

CATALOG #	DESCRIPTION
AI-OR-32-011	Extra 1" nylon face for 051520
AI-OR-32-012	Extra 1-1/2" nylon face for 051525

COLLIN Mallet



AI-OR-32-013

Solid stainless steel.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-013	7 oz (198 g)	5 oz (142 g)	30 mm	8" (20.5 cm)

MALLETS

Light and Medium Weight Mallets



PECK Mallet



AI-OR-32-014

CATALOG #	WEIGHT	OVERALL LENGTH
AI-OR-32-014	7.7 oz (218 g)	7-7/8" (20 cm)

MEAD Mallet



AI-OR-32-015

Includes replaceable nylon caps.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-015	11 oz (315 g)	6 oz (170 g)	20 mm	7-1/2" (19 cm)

Autoclavable to 250°F (121°C)

GERZOG BONE Mallet



AI-OR-32-016

Lead filled and faced.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-016	10 oz (285 g)	7 oz (200 g)	25 mm	7-1/2" (19 cm)

Lead filled mallets should only be used to strike flat surfaces. Do not use to hit sharp objects as doing so can lead to flake off.

MALLETS

Light and Medium Weight Mallets



BERGMAN MALLETS



AI-OR-32-017

Aluminum alloy handle.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-017	15 oz (425 g)	9 oz (255 g)	30 mm	8-7/8" (22.5 cm)
AI-OR-32-018	1 lb 1 oz (482 g)	11 oz (312 g)	45 mm	9-1/2" (24 cm)

COMBINATION MALLETS



AI-OR-32-020

With one nylon cap and one solid stainless side.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-019	9 oz (260 g)	5 oz (142 g)	25 mm	7-1/2" (19 cm)
AI-OR-32-020	12 oz (340 g)	8 oz (227 g)	32 mm	7-1/2" (19 cm)

Autoclavable to 250°F (121°C)

COMBINATION Mallet CAPS



AI-OR-32-022

With one nylon cap and one solid stainless side.

CATALOG #	DESCRIPTION
AI-OR-32-021	Nylon cap for KM46686, 1" (2.5 cm)
AI-OR-32-022	Nylon cap for KM46687, 1-1/4" (3.2 cm)

MALLETS

Light and Medium Weight Mallets



CLOWARD-STYLE MALLETS



AI-OR-32-023

Solid stainless steel.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	BALL PEEN DIAMETER	OVERALL LENGTH
AI-OR-32-023	8 oz (227 g)	4 oz (113 g)	20.5 mm	17.5 mm	7-1/2" (19 cm)
AI-OR-32-024	16 oz (454 g)	8 oz (227 g)	25 mm	22 mm	9" (23 cm)

ORTHOPEDIC MALLETS



AI-OR-32-025

Solid stainless steel.

CATALOG #	HANDLE LENGTH	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-025	Short	1 lb 2 oz (510 g)	8 oz (227 g)	30.5 mm	7" (18 cm)
AI-OR-32-026	Normal	2 lbs (900 g)	1 lb (455 g)	32 mm	10-3/4" (27.5 cm)



AI-OR-32-026

MALLETS

Heavyweight Mallets



KIRK Mallet



Brass filled with stainless steel face.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-027	1 lb 7 oz (650 g)	1 lb 4 oz (570 g)	38 mm	8" (20.5 cm)

Head is brass filled and should only be used to strike flat surfaces.

HEATH Mallet



Heavyweight, solid stainless steel.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-028	2 lbs (907 g)	1 lb 4 oz (570 g)	40 mm	7-1/2" (19 cm)

ORTHOPEDIC MALLETS



Solid stainless steel.

CATALOG #	HANDLE LENGTH	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-029	Short	2 lbs (900 g)	1 lb 5 oz (595 g)	38 mm	7-1/2" (19 cm)
AI-OR-32-030	Normal	3 lbs (1360 g)	2 lbs (900 g)	50 mm	11" (28 cm)

MALLETS

Heavyweight Mallets



PHENOLIC HANDLE MALLETS



AI-OR-32-031

Grooved phenolic handle for comfortable and safe grip.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-031	1 lb 11 oz (765 g)	1 lb (455 g)	32 mm	11" (28 cm)
AI-OR-32-032	2 lbs 9 oz (1162 g)	2 lbs (900 g)	45 mm	11" (28 cm)

Autoclavable to 290°F (143°C)

REPERCUSSION FREE Mallet



AI-OR-32-033

Also known as a dead blow mallet. One nylon cap and one stainless steel side. Grooved phenolic handle for comfortable grip.

CATALOG #	WEIGHT	HEAD WEIGHT	HEAD DIAMETER	OVERALL LENGTH
AI-OR-32-033	1 lb 5 oz (600 g)	10 oz (285 g)	30 mm	11" (28 cm)

Autoclavable to 250°F (121°C)

REPERCUSSION FREE Mallet CAP



AI-OR-32-034

CATALOG #	DESCRIPTION
AI-OR-32-034	Cap only for KM46690

BONE CUTTING FORCEPS



CLEVELAND BONE CUTTING FORCEPS



AI-OR-33-001



AI-OR-33-001



AI-OR-33-002

For small bones.

CATALOG #	DESCRIPTION
AI-OR-33-001	5-3/4" (15 cm)
AI-OR-33-002	6-1/2" (17 cm)

MCINDOE BONE CUTTING FORCEPS



AI-OR-33-003

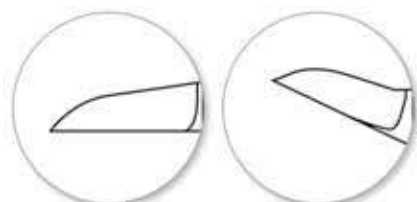
CATALOG #	DESCRIPTION
AI-OR-33-003	Angled, very delicate, 7" (18 cm)

BONE CUTTING FORCEPS

LISTON BONE CUTTING FORCEPS

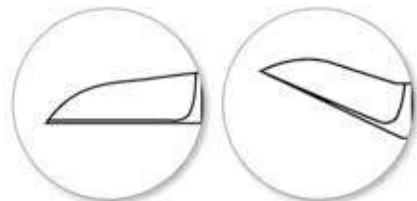


CATALOG #	DESCRIPTION
AI-OR-33-004	Straight, 5-1/2" (14 cm)
AI-OR-33-005	Angled on flat, 5-1/2" (14 cm)
AI-OR-33-006	Straight, 6-3/4" (17 cm)
AI-OR-33-007	Angled on flat, 6-3/4" (17 cm)
AI-OR-33-008	Straight, 7-7/8" (20 cm)
AI-OR-33-009	Angled, 7-7/8" (20 cm)
AI-OR-33-010	Straight, 8-5/8" (22 cm)
AI-OR-33-011	Angled on flat, 8-1/2" (22 cm)



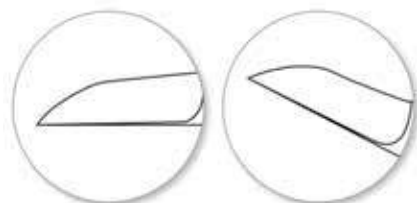
AI-OR-33-004

AI-OR-33-005



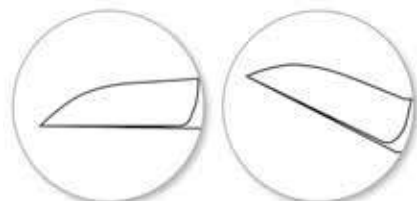
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AI-OR-33-007



AI-OR-33-008

AI-OR-33-009

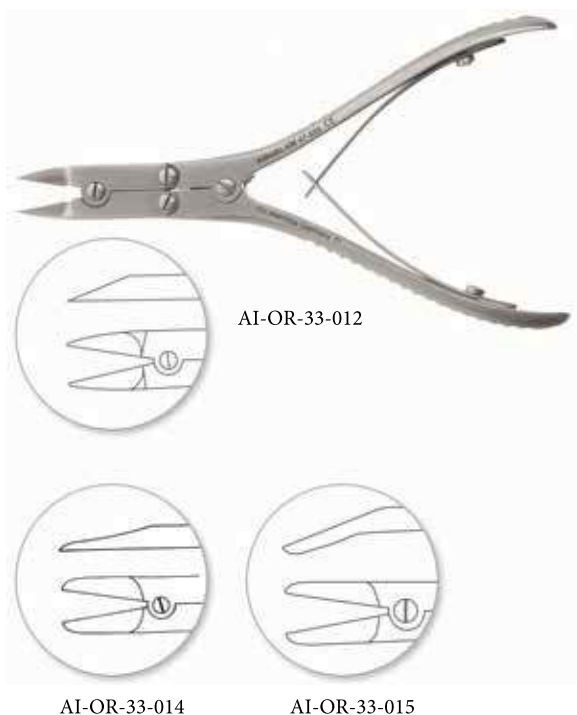


AI-OR-33-010

AI-OR-33-011

BONE CUTTING FORCEPS

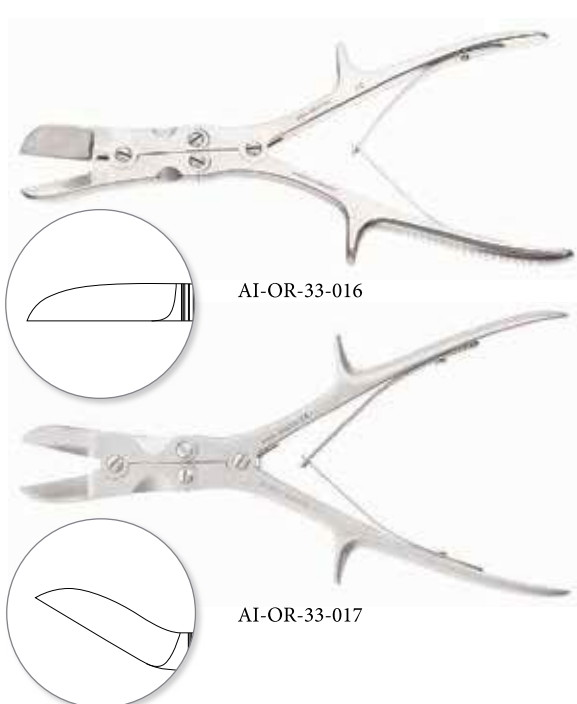
RUSKIN-LISTON BONE CUTTING FORCEPS



Delicate blades.

CATALOG #	DESCRIPTION
AI-OR-33-012	Straight, 5-5/8" (15 cm)
AI-OR-33-013	Angled, 5-1/2" (14 cm)
AI-OR-33-014	Straight, 7-1/8" (18 cm)
AI-OR-33-015	Angled on flat, 7" (18 cm)

STILLE-LISTON BONE CUTTING FORCEPS

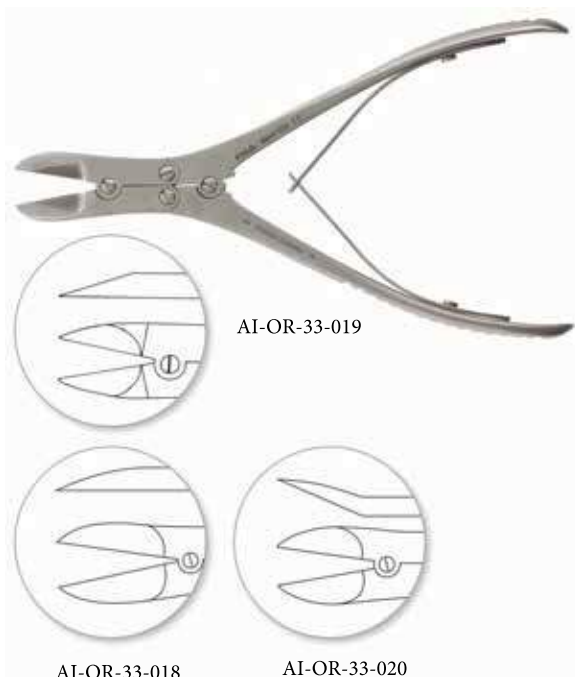


10-1/2" (27 cm).

CATALOG #	DESCRIPTION
AI-OR-33-016	Straight
AI-OR-33-017	Angled on flat

BONE CUTTING FORCEPS

RUSKIN-LISTON BONE CUTTING FORCEPS



CATALOG #	DESCRIPTION
AI-OR-33-018	Straight, 6" (15 cm)
AI-OR-33-019	Straight, 7-1/4" (19 cm)
AI-OR-33-020	Angled, 7-1/4" (19 cm)

STILLE-HORSLEY BONE CUTTING FORCEPS



CATALOG #	DESCRIPTION
AI-OR-33-021	Angled, 9-3/8" (24 cm)

RONGEURS

Single Action Design



SYNOVECTOMY RONGEURS

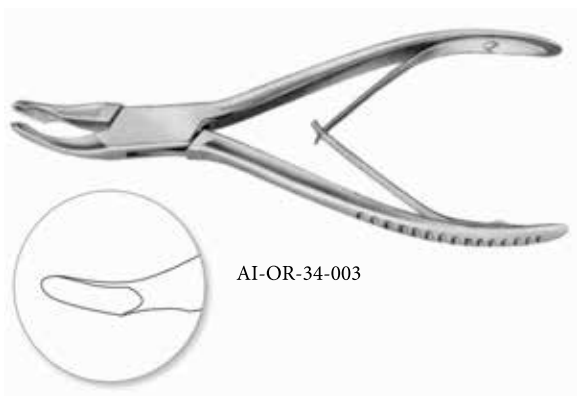


AI-OR-34-001

2 x 5 mm bite, extremely delicate.

CATALOG #	DESCRIPTION
AI-OR-34-001	Slightly curved, 6-7/8" (17.5 cm)
AI-OR-34-002	Strongly curved, 6-3/4" (17 cm)

RONGEUR #4



AI-OR-34-003

CATALOG #	DESCRIPTION
AI-OR-34-003	Curved, 4 x 9 mm bite, 5-1/2" (14 cm)

RONGEUR #4A



AI-OR-34-004

CATALOG #	DESCRIPTION
AI-OR-34-004	Curved, 4 x 7 mm bite, 6-1/2" (16.5 cm)

RONGEURS

Single Action Design



MICRO FRIEDMAN RONGEURS



1.5 x 5 mm bite. For soft tissue and cancellous bone only. Extremely delicate.

CATALOG #	DESCRIPTION
AI-OR-34-005	Straight, 5-3/4" (14.5 cm)
AI-OR-34-006	30 degree angled, 5-1/2" (14 cm)
AI-OR-34-007	90 degree angled, 5-1/2" (14 cm)

RONGEURS

Single Action Design

MINI FREIDMAN FONGEURS



Delicate, 2 x 8 mm bite, 6" (15 cm).

CATALOG #	DESCRIPTION
AI-OR-34-008	Straight
AI-OR-34-009	Curved

FRIEDMAN RONGEUR



CATALOG #	DESCRIPTION
AI-OR-34-010	Curved, delicate, 4 x 11 mm bite, 5-3/4" (14.5 cm)

RONGEURS

Single Action Design



KLEINERT-KUTZ SYNOVECTOMY RONGEUR



AI-OR-34-011

CATALOG #	DESCRIPTION
AI-OR-34-011	25 degrees strongly curved, 5-1/4" (13.5 cm)

BANE RONGEUR



AI-OR-34-012

CATALOG #	DESCRIPTION
AI-OR-34-012	Curved, 3 x 16 mm bite, 7" (18 cm)

RONGEURS

Single Action Design



DEAN RONGEUR



AI-OR-34-013

CATALOG #	DESCRIPTION
AI-OR-34-013	Curved, 3 mm bite, 5-3/4" (14.5 cm)

CHICHIRELLI (BLUMENTHAL) RONGEUR



AI-OR-34-014

CATALOG #	DESCRIPTION
AI-OR-34-014	Curved 45 degrees, 4 x 13 mm bite, 6" (15 cm)

RONGEURS

Single Action Design



BACON RONGEUR



CATALOG #	DESCRIPTION
AI-OR-34-015	Curved on side, 5 x 15 mm bite, 8" (20.5 cm)

LEMPERT RONGEURS



Delicate, 3 x 7 mm bite.

CATALOG #	DESCRIPTION
AI-OR-34-016	Straight, 6" (15 cm)
AI-OR-34-017	Curved, 6" (15 cm)
AI-OR-34-018	Straight, 7-1/2" (19 cm)
AI-OR-34-019	Curved, 7-1/2" (19 cm)

AI-OR-34-016

AI-OR-34-017

RONGEURS

Single Action Design



BEYER BONE BITING RONGEUR



AI-OR-34-020

CATALOG #	DESCRIPTION
AI-OR-34-020	Curved jaw, 16 x 3 mm cup, 6-3/4" (17 cm)

DEAN (BLUMENTHAL) RONGEURS



AI-OR-34-021

AI-OR-34-022

4 x 11 mm, 6" (15 cm).

CATALOG #	DESCRIPTION
AI-OR-34-021	Curved 30 degrees
AI-OR-34-022	Curved 90 degrees

RONGEURS

Single Action Design



HARTMANN RONGEUR



AI-OR-34-023

CATALOG #	DESCRIPTION
AI-OR-34-023	Curved, 4 x 14 mm bite, 7-1/4" (18.5 cm)

MEAD RONGEUR



AI-OR-34-024

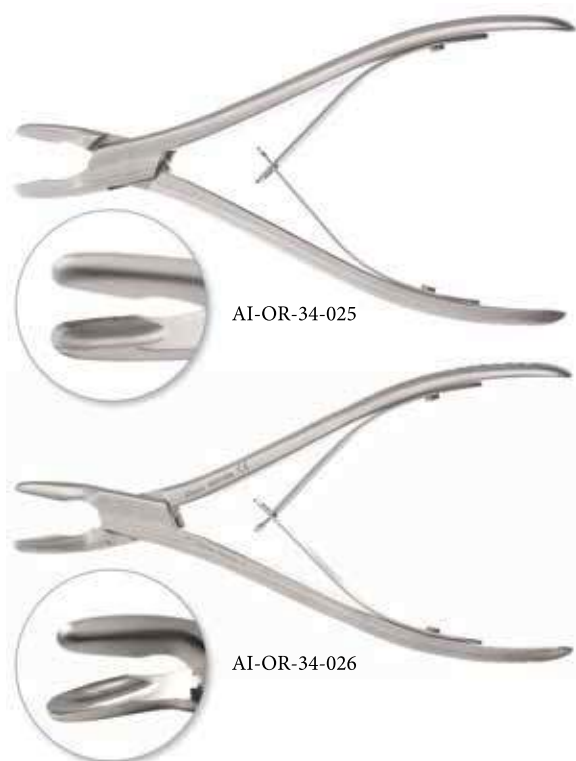
CATALOG #	DESCRIPTION
AI-OR-34-024	Curved, 5 x 13 mm bite, 6-1/2" (16.5 cm)

RONGEURS

Single Action Design



ADSON RONGEURS



7 x 15 mm bite, 8" (20.5 cm).

CATALOG #	DESCRIPTION
AI-OR-34-025	Straight
AI-OR-34-026	Curved

ADSON RAT TOOTH RONGEUR



Teeth facilitate easier bone excision.

CATALOG #	DESCRIPTION
AI-OR-34-027	Straight with teeth, 8 x 15 mm bite, 8" (20.5 cm)

RONGEURS

Single Action Design



LEUR RONGEURS



8 x 12 mm bite, 7-1/8" (18 cm).

CATALOG #	DESCRIPTION
AI-OR-34-028	Straight
AI-OR-34-029	Curved

Double Action Design

KLEINERT-KUTZ SYNOVECTOMY RONGEUR



CATALOG #	DESCRIPTION
AI-OR-34-030	Curved on side, delicate, 2 x 10 mm bite, 6" (15 cm)

RONGEURS

Double Action Design



KLEINERT-KUTZ SYNOVECTOMY RONGEUR



AI-OR-34-031

CATALOG #	DESCRIPTION
AI-OR-34-031	Fully curved, delicate, 3 mm bite, 6-1/8" (15.5 cm)

KLEINERT-KUTZ SYNOVECTOMY RONGEURS



AI-OR-34-032

AI-OR-34-033

Delicate, 6-1/8" (15.5 cm).

CATALOG #	DESCRIPTION
AI-OR-34-032	Curved, 2 mm bite
AI-OR-34-033	Curved, 3 mm bite

RONGEURS

Double Action Design



KLEINERT-KUTZ DOUBLE ACTION RONGEUR



AI-OR-34-034

CATALOG #	DESCRIPTION
AI-OR-34-034	10 degrees lightly curved, 18.5 x 5 mm cup, 7-1/4" (18.5 cm)

BEYER RONGEURS



AI-OR-34-035

AI-OR-34-036

Curved, 7" (18 cm).

CATALOG #	DESCRIPTION
AI-OR-34-035	3 x 14 mm bite
AI-OR-34-036	4 x 15 mm bite

RONGEURS

Double Action Design



RUSKIN RONGEURS

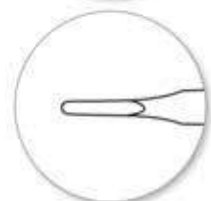


6" (15.5 cm).

CATALOG #	DESCRIPTION
AI-OR-34-037	Straight, 2 x 14 mm bite
AI-OR-34-038	Straight, 3 x 15 mm bite
AI-OR-34-039	Curved, 2 x 15 mm bite
AI-OR-34-040	Curved, 3 x 15 mm bite



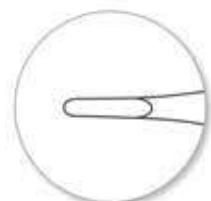
AI-OR-34-037



AI-OR-34-037



AI-OR-34-039



AI-OR-34-038



AI-OR-34-040

RUSKIN RONGEURS

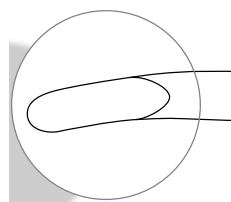


7-1/4" (18.5 cm).

CATALOG #	DESCRIPTION
AI-OR-34-041	Straight, 4 x 16 mm bite
AI-OR-34-042	Straight, 6 x 16 mm bite
AI-OR-34-043	Curved, 6 x 16 mm bite



AI-OR-34-042



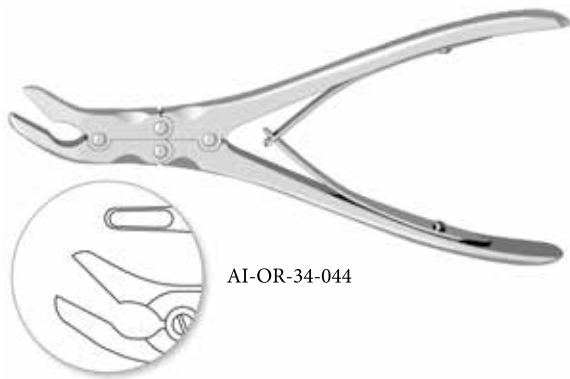
AI-OR-34-043

RONGEURS

Double Action Design



RUSKIN RONGEUR



AI-OR-34-044

CATALOG #	DESCRIPTION
AI-OR-34-044	Curved, 5 x 10 mm bite, 7-1/4" (18.5 cm)

RUSKIN RONGEUR



AI-OR-34-045

CATALOG #	DESCRIPTION
AI-OR-34-045	Double action, curved, 4 mm bite, 6-1/8" (15.5 cm)

RONGEURS

Double Action Design



ZAUFAL-JANSEN RONGEUR



CATALOG #	DESCRIPTION
AI-OR-34-046	Curved, 5 x 15 mm bite, 7" (18 cm)

SMITH-PETERSON LAMINECTOMY RONGEUR



CATALOG #	DESCRIPTION
AI-OR-34-047	Double action, curved 15 degrees, 7-1/2" (19 cm)

RONGEURS

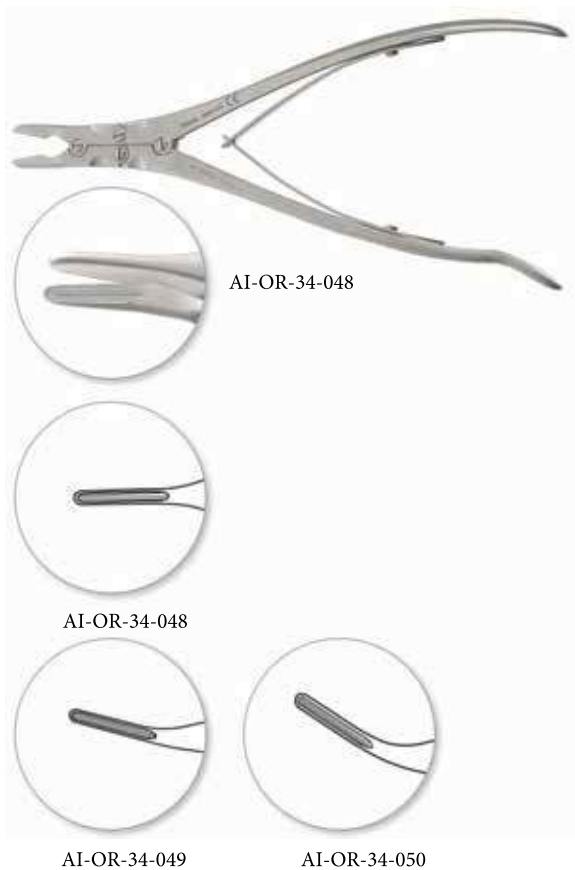
Double Action Design



SMITH-PETERSON LAMINECTOMY RONGEURS

3 x 16 mm bite, 9-1/2" (24 cm).

CATALOG #	DESCRIPTION
AI-OR-34-048	Straight
AI-OR-34-049	Curved
AI-OR-34-050	Full curved



RONGEURS

Double Action Design



LEKSELL RONGEURS

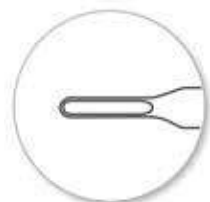


Curved 15 degrees, 9" (23 cm).

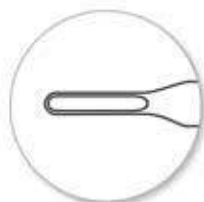
CATALOG #	DESCRIPTION
AI-OR-34-051	3 x 16 mm bite
AI-OR-34-052	4.5 x 16 mm bite
AI-OR-34-053	5 x 16 mm bite
AI-OR-34-054	6 x 16 mm bite
AI-OR-34-055	7 x 16 mm bite
AI-OR-34-056	8 x 16 mm bite



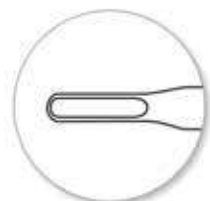
AI-OR-34-054



AI-OR-34-051



AI-OR-34-052



AI-OR-34-053



AI-OR-34-054



AI-OR-34-055



AI-OR-34-056

RONGEURS

Double Action Design



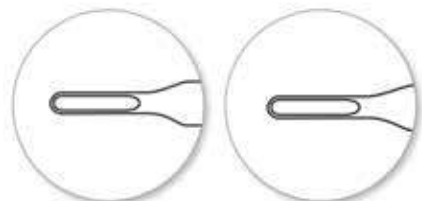
LEKSELL RONGEURS



AI-OR-34-059

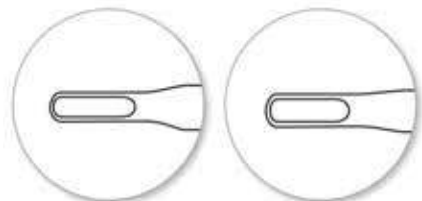
Curved 50 degrees, 9-1/2" (24 cm).

CATALOG #	DESCRIPTION
AI-OR-34-057	3 x 13 mm bite
AI-OR-34-058	4 x 13 mm bite
AI-OR-34-059	5 x 13 mm bite
AI-OR-34-060	6 x 13 mm bite
AI-OR-34-061	7 x 13 mm bite
AI-OR-34-062	8 x 16 mm bite



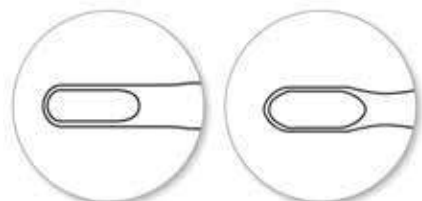
AI-OR-34-057

AI-OR-34-058



AI-OR-34-059

AI-OR-34-060



AI-OR-34-061

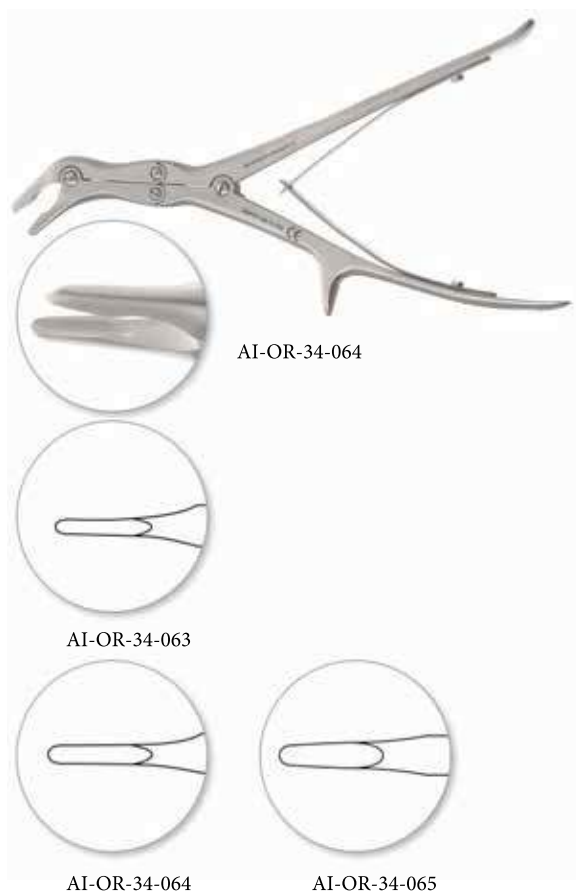
AI-OR-34-062

RONGEURS

Double Action Design

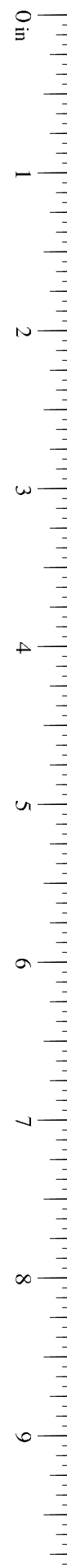


ECHLIN DUCKBILL RONGEURS



Curved on side, 9" (23 cm).

CATALOG #	DESCRIPTION
AI-OR-34-063	2 x 12 mm bite
AI-OR-34-064	3 x 12 mm bite
AI-OR-34-065	4 x 12 mm bite



RONGEURS

Double Action Design



STILLE-LUER ECHLIN DUCKBILL RONGEURS



Curved on side, 9" (23 cm).

CATALOG #	DESCRIPTION
AI-OR-34-066	6 x 13 mm bite
AI-OR-34-067	6 x 15 mm bite

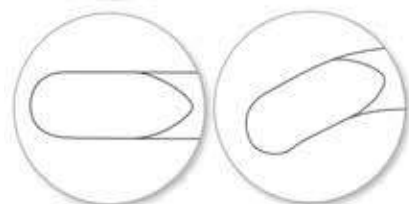
RONGEURS

Double Action Design

STILLE-LEUR RONGEURS



AI-OR-34-068

AI-OR-34-068
AI-OR-34-069AI-OR-34-070
AI-OR-34-071

AI-OR-34-072



CATALOG #	DESCRIPTION
AI-OR-34-068	Straight, 10 x 18 mm, 8-1/2" (21.5 cm)
AI-OR-34-069	Straight, 10 x 18 mm, 10-1/2" (26.5 cm)
AI-OR-34-070	Curved, 10 x 18 mm, 8-3/8" (21 cm)
AI-OR-34-071	Curved, 10 x 18 mm, 10-1/2" (26.5 cm)
AI-OR-34-072	Curved on side, 10 x 16 mm, 8-1/2" (21.5 cm)

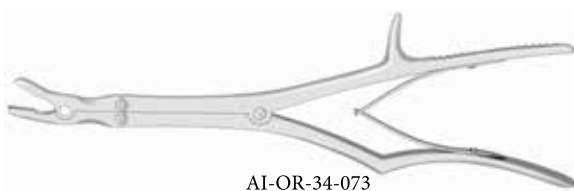


RONGEURS

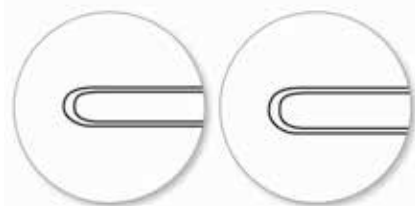
Double Action Design



SYPERT RONGEURS

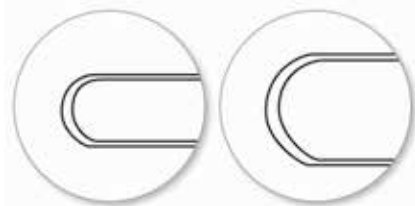


AI-OR-34-073



AI-OR-34-073

AI-OR-34-074



AI-OR-34-075

AI-OR-34-076

14" (35.5 cm).

CATALOG #	DESCRIPTION
AI-OR-34-073	4 x 16 mm
AI-OR-34-074	5 x 16 mm
AI-OR-34-075	8 x 16 mm
AI-OR-34-076	12 x 16 mm

SPINAL RONGEURS AND PUNCHES

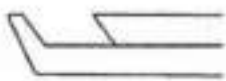


SHAFT LENGTH measured in closed position

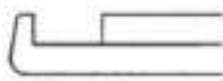


IDENTIFICATION CHART

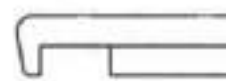
BITE STYLES punch jaws, thin footplate



Forward 40°



Up 90°

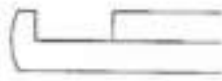


Down 90°

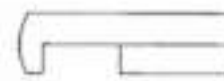
BITE STYLES punch jaws, regular footplate



Forward 40°

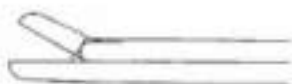


Up 90°



Down 90°

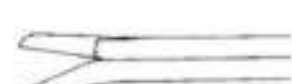
BITE STYLES cup jaws



Straight



Up

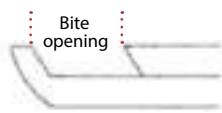


Down

PUNCH JAWS



Foot plate



Bite opening



Bite size

Bite size is etched on handles of spinal rongeurs and punches



Handle Styles

STYLE I
Ring Handle
Handle Height 4"



STYLE II
Kerrison Handle
Handle Height 6-1/4"



STYLE III
Love-Kerrison Handle
(Cherry)
Handle Height 6"



STYLE IV
Large Kerrison Handle
Handle Height 6-1/4"



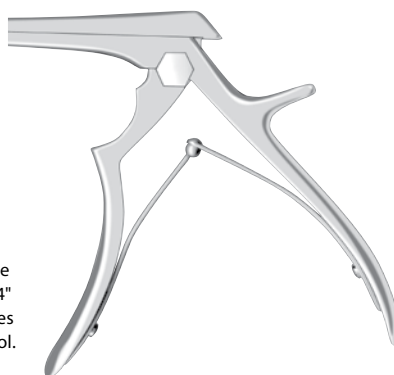
STYLE V
Small Kerrison Handle
Handle Height 5"



STYLE VI
Ferris-Smith
Kerrison Ring Handle
Handle Height 5"



STYLE VII
Spurling Kerrison Handle
Handle Height 4-3/4"
Wider grip improves
comfort and control.



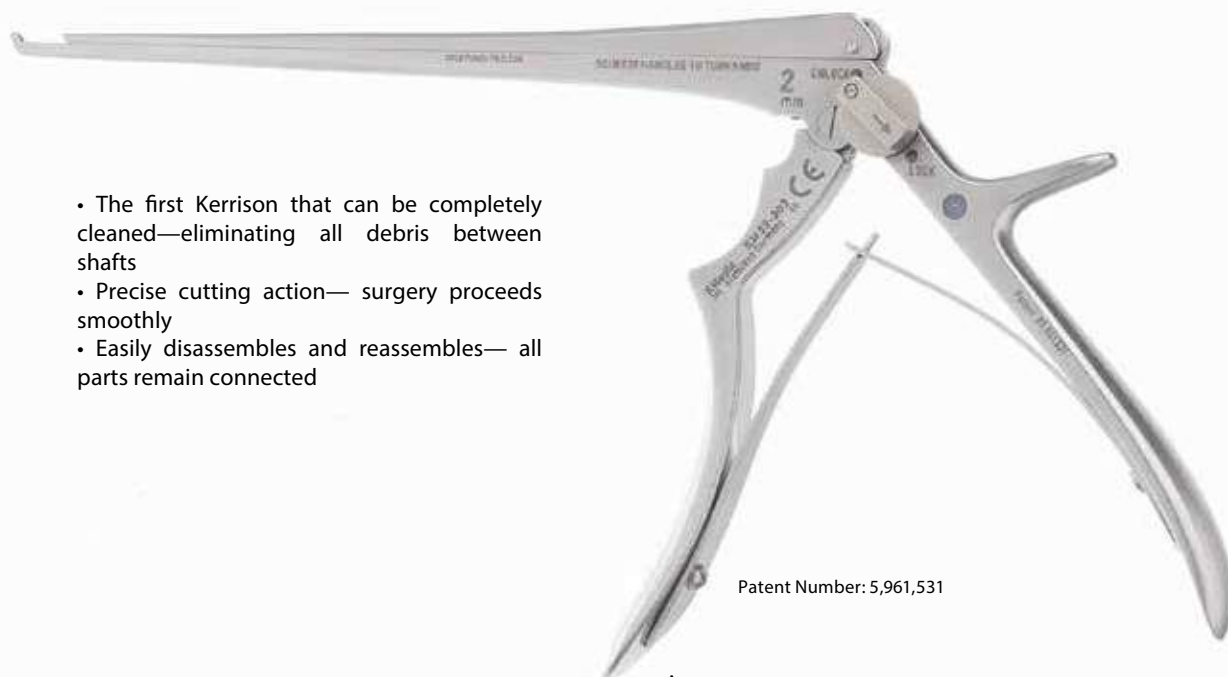
STYLE VIII
Medium Kerrison Handle
Handle Height 5-1/4"



All Spinal Rongeurs and Punches have bite size etched on handles for easy identification

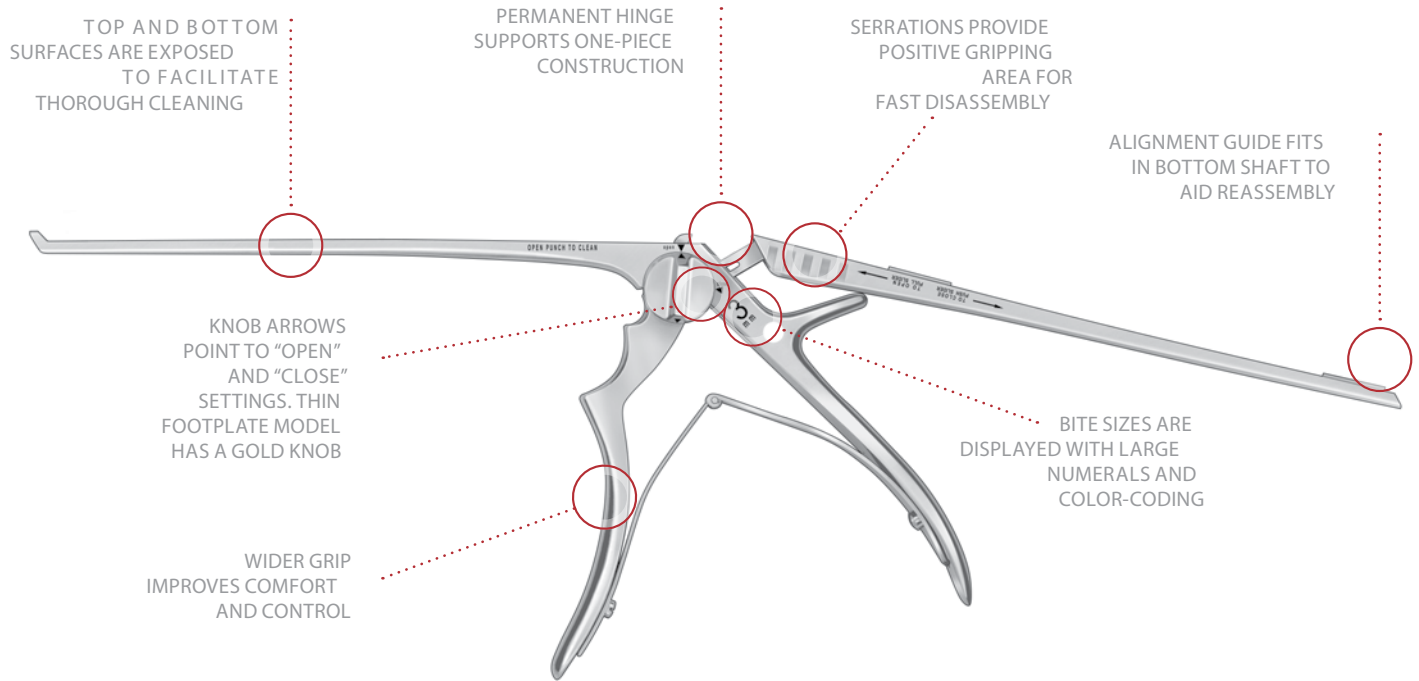
CLEANPUNCH RONGEURS

- The first Kerrison that can be completely cleaned—eliminating all debris between shafts
- Precise cutting action— surgery proceeds smoothly
- Easily disassembles and reassembles— all parts remain connected



Patent Number: 5,961,531

CLEANPUNCH RONGEUR



FEATURES AND BENEFITS:

- Patented design enables the instrument to be completely cleaned, eliminating the "buildup" of bone, tissue and fluids that cause sticking and resistance to action.
- Provides a consistently smooth cutting action.
- Eliminates distractions that interrupt a surgeon's concentration required in delicate spinal procedures.
- Instant identification enables surgeons to quickly locate the right bite size. Large, legible mm sizes are etched on handles, as well as color coded.

COLOR-CODED FOR INSTANT BITE SIZE RECOGNITION

- 1 mm – Red
- 2 mm – Blue
- 3 mm – Yellow
- 4 mm – Black
- 5 mm – Green
- 6 mm – White

HANDLING THE CLEANPUNCH RONGEUR TO OPEN:

1. Hold punch in left hand. Turn knob to "open" position (align arrows).
2. Push knob up with left thumb. Grip top slider on serrations with right hand and pull back.

TO CLOSE:

1. Put knob in "open" position.
2. Align guides on top slider.
3. Push top slider forward until it clicks into place.
4. Turn knob to "close" position.
5. Test for proper functioning

RONGEURS

Kerrison Rongeurs — CleanPunch 2



KERRISON CLEANPUNCH 2 LAMINECTOMY RONGEURS



AI-OR-35-003

Handle style VII, thin footplate, 7" (18 cm).

CATALOG #	BITE	SIZE
AI-OR-35-001	Forward	1 mm
AI-OR-35-002	Forward	2 mm
AI-OR-35-003	Forward	3 mm
AI-OR-35-004	Forward	4 mm
AI-OR-35-005	Forward	5 mm

KERRISON CLEANPUNCH 2 LAMINECTOMY RONGEURS



AI-OR-35-006

Handle style VII, thin footplate, 8" (20.5 cm).

CATALOG #	BITE	SIZE
AI-OR-35-006	Forward	1 mm
AI-OR-35-007	Forward	2 mm
AI-OR-35-008	Forward	3 mm
AI-OR-35-009	Forward	4 mm
AI-OR-35-010	Forward	5 mm

CLEANPUNCH CLEANING SYSTEM



AI-OR-35-011

- Holds six CleanPunches in open position for maximum exposure during cleaning.
- Lightweight anodized aluminum construction.
- Minimize footprint – compact design has removable lid that fits under rack.
- When open, instrument handles are exposed for quick identification and easy access in the OR.
- Silicone-coated brackets prevent metal to metal contact.
- Protects sharp cutting edge during cleaning.
- Fits inside a standard container or can be wrapped separately.

CATALOG #	DESCRIPTION
AI-OR-35-011	Approximately 13-1/2" x 7" x 6"

RONGEURS

Kerrison Rongeurs — Thin Footplate Design



CERVICAL KERRISON THIN FOOTPLATE RONGEURS



AI-OR-35-014



Forward 40°
Thin Footplate



Up 90°
Thin Footplate



Down 90°
Thin Footplate



1 mm



2 mm



3 mm



4 mm



5 mm

- Thin footplate designed specifically for small bone in the cervical area.
- Gold hexagonal screw denotes thin footplate.
- Bite size etched on handle for quick identification.
- Care should be taken when using delicate thin footplate punches.
- Do not twist or pry instrument while cutting
- Do not use on large bones.

See the Instructions For Use for all instructions and contraindications.

Handle style VII, thin footplate.

CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-012	Forward	1 mm	6" (15 cm)
AI-OR-35-013	Forward	2 mm	6" (15 cm)
AI-OR-35-014	Forward	3 mm	6" (15 cm)
AI-OR-35-015	Forward	4 mm	6" (15 cm)
AI-OR-35-016	Forward	5 mm	6" (15 cm)
AI-OR-35-017	Forward	1 mm	7" (18 cm)
AI-OR-35-018	Forward	2 mm	7" (18 cm)
AI-OR-35-019	Forward	3 mm	7" (18 cm)
AI-OR-35-020	Forward	4 mm	7" (18 cm)
AI-OR-35-021	Forward	5 mm	7" (18 cm)
AI-OR-35-022	Forward	1 mm	8" (20.5 cm)
AI-OR-35-023	Forward	2 mm	8" (20.5 cm)
AI-OR-35-024	Forward	3 mm	8" (20.5 cm)
AI-OR-35-025	Forward	4 mm	8" (20.5 cm)
AI-OR-35-026	Forward	5 mm	8" (20.5 cm)
AI-OR-35-027	Up	1 mm	7" (18 cm)
AI-OR-35-028	Up	2 mm	7" (18 cm)
AI-OR-35-029	Up	3 mm	7" (18 cm)
AI-OR-35-030	Up	4 mm	7" (18 cm)
AI-OR-35-031	Up	5 mm	7" (18 cm)
AI-OR-35-032	Down	1 mm	7" (18 cm)
AI-OR-35-033	Down	2 mm	7" (18 cm)
AI-OR-35-034	Down	3 mm	7" (18 cm)
AI-OR-35-035	Down	4 mm	7" (18 cm)
AI-OR-35-036	Down	5 mm	7" (18 cm)

RONGEURS

Kerrison Rongeurs —
Standard Design



LOVE-KERRISON LAMINECTOMY PUNCHES



Handle style IV, large handle, regular footplate

CATALOG #	BITE	SIZE	LENGTH
AI-OR-35-037	Forward	2 mm	8" (20.5 cm)
AI-OR-35-038	Forward	3 mm	6" (15 cm)
AI-OR-35-039	Forward	3 mm	7" (18 cm)
AI-OR-35-040	Forward	3 mm	8" (20.5 cm)
AI-OR-35-041	Forward	4 mm	8" (20.5 cm)
AI-OR-35-042	Forward	5 mm	6" (15 cm)
AI-OR-35-043	Forward	5 mm	8" (20.5 cm)
AI-OR-35-044	Forward	6 mm	11" (28 cm)

RONGEURS

Kerrison Rongeurs —
Standard Design

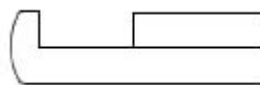


LOVE-KERRISON LAMINECTOMY PUNCHES

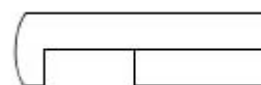


Handle style IV, large handle, regular footplate.

CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-045	Up	3 mm	6" (15 cm)
AI-OR-35-046	Up	4 mm	6" (15 cm)
AI-OR-35-047	Up	5 mm	6" (15 cm)
AI-OR-35-048	Down	3 mm	6" (15 cm)
AI-OR-35-049	Down	4 mm	6" (15 cm)
AI-OR-35-050	Down	5 mm	6" (15 cm)



Up 90° Regular Footplate



Down 90° Regular Footplate

RONGEURS

Kerrison Rongeurs —
Standard Design



LOVE-KERRISON RONGEURS



AI-OR-35-053

Handle style II, large handle, regular footplate,
8" (20.5 cm).

CATALOG #	BITE	SIZE
AI-OR-35-051	Forward	1 mm
AI-OR-35-052	Forward	2 mm
AI-OR-35-053	Forward	3 mm
AI-OR-35-054	Forward	4 mm
AI-OR-35-055	Forward	5 mm



Forward 40° Regular Footplate



SR 47560 CU, Old

AI-OR-35-051



AI-OR-35-052



AI-OR-35-053



AI-OR-35-054



AI-OR-35-055



RONGEURS

Kerrison Rongeurs —
Standard Design



LOVE-KERRISON LAMINECTOMY PUNCHES



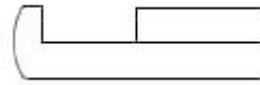
AI-OR-35-056



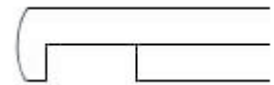
AI-OR-35-059

Handle style IV, large handle, regular footplate.

CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-056	Up	3 mm	6" (15 cm)
AI-OR-35-057	Up	4 mm	6" (15 cm)
AI-OR-35-058	Up	5 mm	6" (15 cm)
AI-OR-35-059	Down	3 mm	6" (15 cm)
AI-OR-35-060	Down	4 mm	6" (15 cm)
AI-OR-35-061	Down	5 mm	6" (15 cm)
AI-OR-35-062	Up	3 mm	8" (20.5 cm)
AI-OR-35-064	Up	4 mm	8" (20.5 cm)
AI-OR-35-065	Up	5 mm	8" (20.5 cm)
AI-OR-35-066	Down	3 mm	8" (20.5 cm)
AI-OR-35-067	Down	4 mm	8" (20.5 cm)
AI-OR-35-068	Down	5 mm	8" (20.5 cm)



Up 90° Regular Footplate



Down 90° Regular Footplate



3 mm



4 mm



5 mm

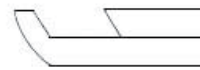
SPURLING-KERRISON PUNCHES



AI-OR-35-070

Handle style IV, regular footplate, 8" (20.5 cm).

CATALOG #	BITE	SIZE
AI-OR-35-069	Forward	3 mm
AI-OR-35-070	Forward	4 mm
AI-OR-35-071	Forward	5 mm



Forward 40° Regular Footplate



3 mm



4 mm



5 mm

RONGEURS

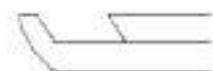
Kerrison Rongeurs —
Standard Design



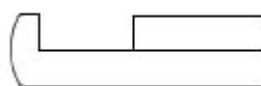
SPURLING-KERRISON PUNCHES



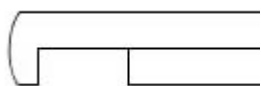
AI-OR-35-092



Forward 40° Regular Footplate



Up 90° Regular Footplate



Down 90° Regular Footplate



Compact handle design to accommodate smaller hands.
Handle style V, regular footplate.

CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-072	Forward	1 mm	7" (18 cm)
AI-OR-35-073	Forward	2 mm	7" (18 cm)
AI-OR-35-074	Forward	2 mm	8" (20.5 cm)
AI-OR-35-075	Forward	2 mm	11" (28 cm)
AI-OR-35-076	Forward	3 mm	7" (18 cm)
AI-OR-35-077	Forward	3 mm	8" (20.5 cm)
AI-OR-35-078	Forward	3 mm	11" (28 cm)
AI-OR-35-079	Forward	4 mm	7" (18 cm)
AI-OR-35-080	Forward	4 mm	8" (20.5 cm)
AI-OR-35-081	Forward	4 mm	11" (28 cm)
AI-OR-35-082	Forward	5 mm	7" (18 cm)
AI-OR-35-083	Forward	5 mm	8" (20.5 cm)
AI-OR-35-084	Forward	5 mm	11" (28 cm)
AI-OR-35-085	Forward	6 mm	7" (18 cm)
AI-OR-35-086	Forward	6 mm	8" (20.5 cm)
AI-OR-35-087	Forward	6 mm	11" (28 cm)
AI-OR-35-088	Up	2 mm	7" (18 cm)
AI-OR-35-089	Up	2 mm	8" (20.5 cm)
AI-OR-35-090	Up	3 mm	7" (18 cm)
AI-OR-35-091	Up	3 mm	8" (20.5 cm)
AI-OR-35-092	Up	4 mm	7" (18 cm)
AI-OR-35-093	Up	4 mm	8" (20.5 cm)
AI-OR-35-094	Up	5 mm	7" (18 cm)
AI-OR-35-095	Up	5 mm	8" (20.5 cm)
AI-OR-35-096	Up	6 mm	7" (18 cm)
AI-OR-35-097	Down	2 mm	7" (18 cm)
AI-OR-35-098	Down	2 mm	8" (20.5 cm)
AI-OR-35-099	Down	3 mm	7" (18 cm)
AI-OR-35-100	Down	3 mm	8" (20.5 cm)
AI-OR-35-101	Down	4 mm	7" (18 cm)
AI-OR-35-102	Down	4 mm	8" (20.5 cm)
AI-OR-35-103	Down	5 mm	7" (18 cm)
AI-OR-35-104	Down	5 mm	8" (20.5 cm)
AI-OR-35-105	Down	6 mm	7" (18 cm)

RONGEURS

Kerrison Rongeurs — Standard Design



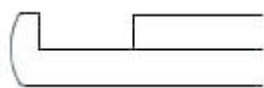
SCHLESINGER CERVICAL LAMINECTOMY RONGEURS



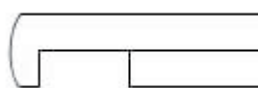
AI-OR-35-107

Handle style IV, large handle, regular footplate, 6" (15 cm).

CATALOG #	BITE	SIZE
AI-OR-35-106	Up	3 mm
AI-OR-35-107	Up	5 mm
AI-OR-35-108	Down	3 mm
AI-OR-35-109	Down	5 mm



Up 90° Regular Footplate



Down 90° Regular Footplate



3 mm



5 mm

FERRIS-SMITH KERRISON RONGEURS



AI-OR-35-110

Handle style IV, thin footplate, 7" (18 cm).

CATALOG #	BITE	SIZE
AI-OR-35-110	Down	6 mm

Down 90°
Thin Footplate

6 mm

RONGEURS

Kerrison Rongeurs — Standard Design

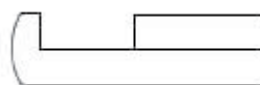
FERRIS-SMITH KERRISON RONGEURS



AI-OR-35-111

Handle style V, regular footplate.

CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-111	Forward	1 mm	6" (15 cm)
AI-OR-35-112	Up	6 mm	7" (18 cm)

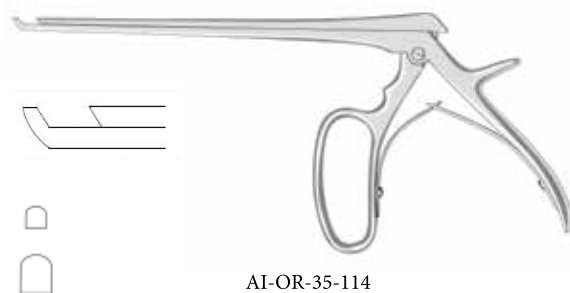


Up 90° Regular Footplate



 1 mm

FERRIS-SMITH KERRISON PUNCHES



AI-OR-35-114

Ring handle (handle style VI), regular footplate.

CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-113	Forward	3 mm	7" (18 cm)
AI-OR-35-114	Forward	3 mm	8" (20.5 cm)
AI-OR-35-115	Forward	5 mm	7" (18 cm)
AI-OR-35-116	Forward	5 mm	8" (20.5 cm)



Forward 40° Regular Footplate



 3 mm



 5 mm

RONGEURS

Kerrison Rongeurs — Standard Design

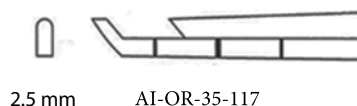


FERRIS-SMITH ENDOSCOPIC KERRISON RONGEURS



Graduated tip, ring handle, 3-1/4" tip length, .470" shaft diameter, working length 14" (35.5 cm), overall 20" (51 cm).

CATALOG #	BITE	SIZE
AI-OR-35-117	Forward	2.5 mm
AI-OR-35-118	Forward	4 mm
++++++-OR-35-119	Down	4 mm



2.5 mm AI-OR-35-117



4 mm AI-OR-35-118

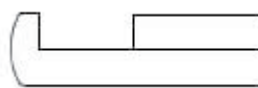


4 mm AI-OR-35-119

KERRISON RONGEUR



CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-120	Up	3 mm	3-1/2" (9 cm)



Up 90° Regular Footplate



3 mm

RONGEURS

Kerrison Rongeurs —
Standard Design



KERRISON MULTI-BITE PUNCHES



AI-OR-35-121

Fenestrated upper shaft ejects cut pieces of bone and tissue. Delicate, thin footplate, for cervical use only, 7" (18 cm).

CATALOG #	BITE	SIZE
AI-OR-35-121	Up, fenestrated	2 mm
AI-OR-35-122	Up, fenestrated	3 mm



Up 90°
Thin Footplate



2 mm



3 mm

MOORELAND RONGEUR



AI-OR-35-123

CATALOG #	DESCRIPTION
AI-OR-35-123	5 x 15 mm, 13-3/4" (35 cm)

FORAMINOTOMY PUNCHES



AI-OR-35-126

Handle style V, regular footplate, 8" (20.5 cm).

CATALOG #	BITE	SIZE
AI-OR-35-124	Curved up	2 mm
AI-OR-35-125	Curved up	3 mm
AI-OR-35-126	Curved up	4 mm



2 mm



3 mm



4 mm

RONGEURS

IVD Rongeurs



DECKER IVD RONGEUR



CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-127	Straight	2 x 6 mm	6" (15 cm)

PEAPOD IVD RONGEUR



CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-128	Up angle	2 x 6 mm	5-1/2" (14 cm)

SELVERSTONE IVD RONGEUR



CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-129	Straight	2 x 3 mm	6" (15 cm)

RONGEURS

IVD Rongeurs

WILDE IVD RONGEURS



AI-OR-35-131

Fenestrated jaws, straight.

CATALOG #	DESCRIPTION	OVERALL LENGTH
AI-OR-35-130	Small, 4 x 9 mm bite	5" (12.5 cm)
AI-OR-35-131	Medium, 5 x 10 mm bite	5" (12.5 cm)
AI-OR-35-132	Large, 6 x 11 mm bite	5" (12.5 cm)

CUSHING IVD RONGEURS



AI-OR-35-133

CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-133	Straight	2 x 10 mm	5" (12.5 cm)
AI-OR-35-134	Straight	2 x 10 mm	7" (18 cm)
AI-OR-35-135	Up angle	2 x 10 mm	5" (12.5 cm)
AI-OR-35-136	Up angle	2 x 10 mm	7" (18 cm)
AI-OR-35-137	Down angle	2 x 10 mm	5" (12.5 cm)
AI-OR-35-138	Down angle	2 x 10 mm	7" (18 cm)

AI-OR-35-136

LOVE-GRUENWALD IVD RONGEURS



AI-OR-35-139

CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-139	Straight	3 x 10 mm	5" (12.5 cm)
AI-OR-35-140	Straight	3 x 10 mm	7" (18 cm)
AI-OR-35-141	Up angle	3 x 10 mm	5" (12.5 cm)
AI-OR-35-142	Up angle	3 x 10 mm	7" (18 cm)
AI-OR-35-143	Down angle	3 x 10 mm	5" (12.5 cm)
AI-OR-35-144	Down angle	3 x 10 mm	7" (18 cm)

RONGEURS

IVD Rongeurs



SPURLING IVD RONGEURS



CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-145	Straight	4 x 10 mm	5" (12.5 cm)
AI-OR-35-146	Straight	4 x 10 mm	7" (18 cm)
AI-OR-35-147	Up angle	4 x 10 mm	5" (12.5 cm)
AI-OR-35-148	Up angle	4 x 10 mm	7" (18 cm)
AI-OR-35-149	Down angle	4 x 10 mm	5" (12.5 cm)
AI-OR-35-150	Down angle	4 x 10 mm	7" (18 cm)

CASPAR IVD RONGEURS



Fenestrated jaw, serrated cup.

CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-151	Straight	2 x 12 mm	6-1/4" (16 cm)
AI-OR-35-152	Straight	3 x 12 mm	6-1/4" (16 cm)
AI-OR-35-153	Straight	4 x 14 mm	6-1/4" (16 cm)
AI-OR-35-154	Straight	5 x 14 mm	6-1/4" (16 cm)
AI-OR-35-155	Straight	2 x 12 mm	7-1/4" (18.5 cm)
AI-OR-35-156	Straight	3 x 12 mm	7-1/4" (18.5 cm)
AI-OR-35-157	Straight	4 x 14 mm	7-1/4" (18.5 cm)
AI-OR-35-158	Straight	5 x 14 mm	7-1/4" (18.5 cm)
AI-OR-35-159	Straight	6 x 16 mm	7-1/4" (18.5 cm)
AI-OR-35-160	Up angle	3 x 12 mm	7-1/4" (18.5 cm)
AI-OR-35-161	Up angle	4 x 14 mm	7-1/4" (18.5 cm)
AI-OR-35-162	Up angle	5 x 14 mm	7-1/4" (18.5 cm)
AI-OR-35-163	Down angle	3 x 12 mm	7-1/4" (18.5 cm)
AI-OR-35-164	Down angle	4 x 14 mm	7-1/4" (18.5 cm)



2 x 12 mm

bite straight
AI-OR-35-151
AI-OR-35-155



3 x 12 mm

bite straight
AI-OR-35-152
AI-OR-35-156



4 x 14 mm

bite straight
AI-OR-35-153
AI-OR-35-157



5 x 14 mm

bite straight
AI-OR-35-154
AI-OR-35-158



6 x 16 mm

bite straight
AI-OR-35-159

bite up angle
AI-OR-35-160

bite down angle
AI-OR-35-163

bite up angle
AI-OR-35-161

bite down angle
AI-OR-35-164

bite up angle
AI-OR-35-162

RONGEURS

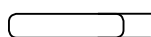
IVD Rongeurs

CASPAR IVD RONGEURS



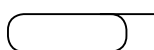
6" (15 cm).

CATALOG #	BITE	SIZE
AI-OR-35-165	Straight	2 x 10 mm
AI-OR-35-166	Straight	3 x 10 mm
AI-OR-35-167	Straight	4 x 10 mm
AI-OR-35-168	Straight	5 x 10 mm
AI-OR-35-169	Up angle	2 x 10 mm
AI-OR-35-170	Up angle	3 x 10 mm
AI-OR-35-171	Up angle	4 x 10 mm
AI-OR-35-172	Down angle	2 x 10 mm
AI-OR-35-173	Down angle	3 x 10 mm
AI-OR-35-174	Down angle	4 x 10 mm



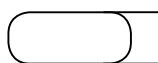
2 x 10 mm

bite straight
AI-OR-35-165



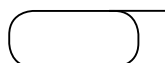
3 x 10 mm

bite straight
AI-OR-35-166



4 x 10 mm

bite straight
AI-OR-35-167



5 x 10 mm

bite straight
AI-OR-35-168

bite up angle
AI-OR-35-169

bite up angle
AI-OR-35-170

bite up angle
AI-OR-35-171

bite down angle
AI-OR-35-172

bite down angle
AI-OR-35-173

bite down angle
AI-OR-35-174

SCHLESINGER IVD RONGEURS



Serrated jaws.

CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-175	Straight	2 x 10 mm	6" (15 cm)
AI-OR-35-176	Straight	3 x 10 mm	6" (15 cm)
AI-OR-35-177	Straight	4 x 10 mm	6" (15 cm)
AI-OR-35-178	Up angle	3 x 10 mm	6" (15 cm)



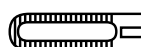
2 x 10 mm

bite straight
AI-OR-35-175



3 x 10 mm

bite straight
AI-OR-35-176



4 x 10 mm

bite straight
AI-OR-35-177

bite up angle
AI-OR-35-178

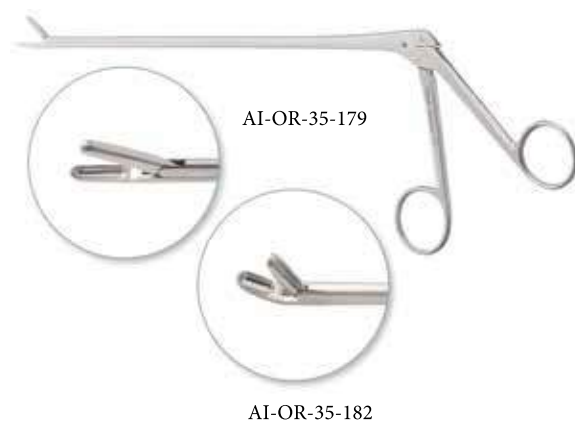
RONGEURS

IVD Rongeurs



SCHLESINGER IVD RONGEURS

9" (23 cm).



CATALOG #	BITE	SIZE
AI-OR-35-179	Straight	3 x 10 mm
AI-OR-35-180	Straight	5 x 10 mm
AI-OR-35-181	Up angle	3 x 10 mm
AI-OR-35-182	Up angle	5 x 10 mm

OLDBERG IVD RONGEUR



CATALOG #	BITE	SIZE	OVERALL LENGTH
AI-OR-35-183	Round	6 mm	7" (18 cm)

RONGEURS

IVD Rongeurs

FERRIS-SMITH IVD RONGEURS



AI-OR-35-185

Ring handle lessens chance of slippage.
Handle style VI, 7" (18 cm) shaft.

CATALOG #	BITE	SIZE
AI-OR-35-184	Straight	2 x 10 mm
AI-OR-35-185	Straight	3 x 10 mm
AI-OR-35-186	Straight	4 x 10 mm
AI-OR-35-187	Straight	6 x 12 mm
AI-OR-35-188	Up angle	2 x 10 mm
AI-OR-35-189	Up angle	3 x 10 mm
AI-OR-35-190	Up angle	4 x 10 mm
AI-OR-35-191	Up angle	6 x 12 mm
AI-OR-35-192	Down angle	2 x 10 mm
AI-OR-35-193	Down angle	3 x 10 mm
AI-OR-35-194	Down angle	4 x 10 mm
AI-OR-35-195	Down angle	6 x 12 mm



2 x 10 mm

bite straight
AI-OR-35-184

bite up
AI-OR-35-188

bite down
AI-OR-35-192



3 x 10 mm

bite straight
AI-OR-35-185

bite up
AI-OR-35-189

bite down
AI-OR-35-193



4 x 10 mm

bite straight
AI-OR-35-186

bite up
AI-OR-35-190

bite down
AI-OR-35-194



6 x 12 mm

bite straight
AI-OR-35-187

bite up
AI-OR-35-191

bite down
AI-OR-35-195

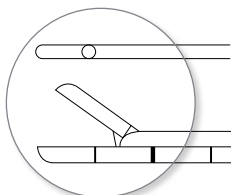
FERRIS-SMITH ENDOSCOPIC IVD RONGEURS



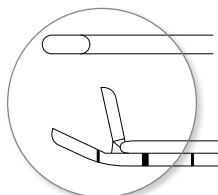
AI-OR-35-197

Handle style VI, the ring handle, 3-1/4" tip length,
0.470" (12 mm) shaft diameter, 10-3/4" shaft length,
6" handle length, 20" (51 cm).

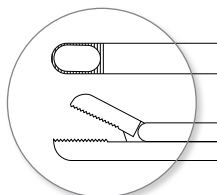
CATALOG #	BITE	SIZE
AI-OR-35-196	Straight	2.5 x 10 mm
AI-OR-35-197	Straight	4 x 10 mm
AI-OR-35-198	Up angle	4 x 10 mm
AI-OR-35-199	Straight, serrated	8 x 12 mm



AI-OR-35-196



AI-OR-35-198



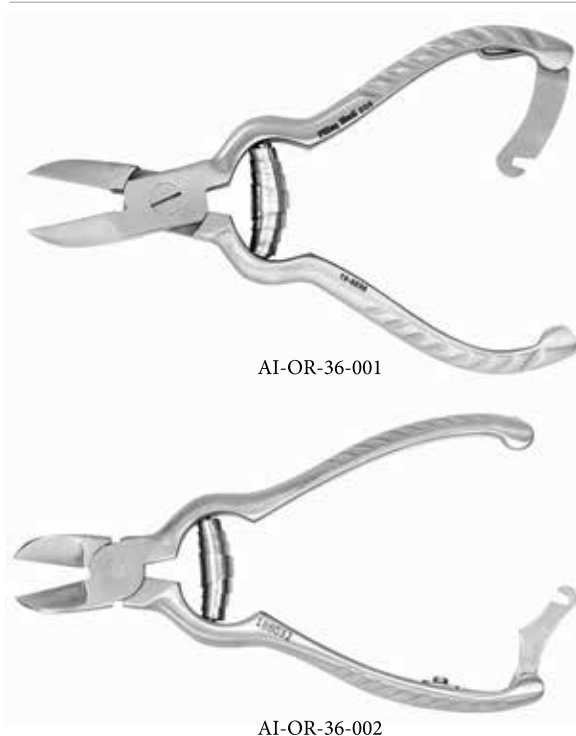
AI-OR-35-199

NAIL INSTRUMENTS

Nail Nippers

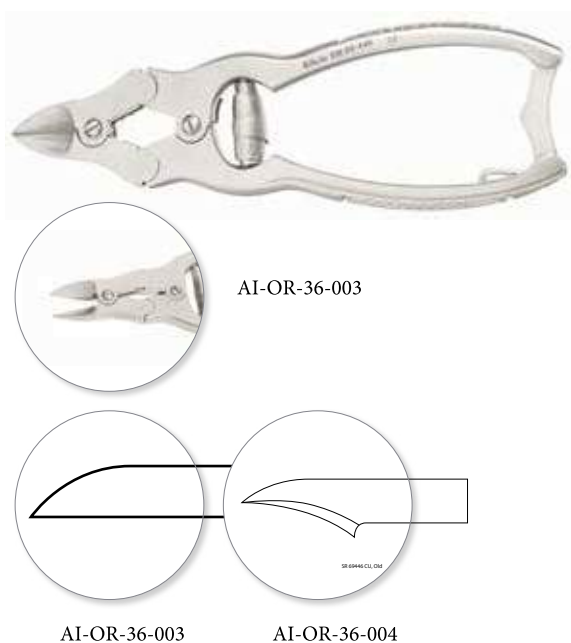


TURNBULL NAIL NIPPERS



CATALOG #	DESCRIPTION
AI-OR-36-001	4-1/2" (11.5 cm)
AI-OR-36-002	5-5/8" (14.5 cm)

MYCOTIC NAIL NIPPERS



Double action helps prevent hand fatigue. Ideal for Mycotic and Onychiauxis nails. Stainless, double action, barrel spring, 6" (15.5 cm).

CATALOG #	DESCRIPTION
AI-OR-36-003	Straight
AI-OR-36-004	Concave

NAIL INSTRUMENTS

Nail Nippers

NAIL NIPPERS



Stainless steel. Angled, concave, 5-1/2" (14 cm).

CATALOG #	DESCRIPTION
AI-OR-36-005	Sharp end
AI-OR-36-006	Blunt end



AI-OR-36-005



AI-OR-36-006

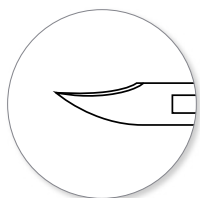
NAIL NIPPERS



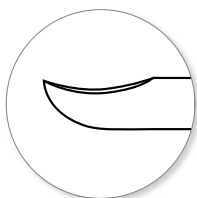
Stainless steel, 5-1/2" (14 cm).

CATALOG #	DESCRIPTION
AI-OR-36-007	Narrow, concave
AI-OR-36-008	Heavy, concave
AI-OR-36-009	Heavy, straight
AI-OR-36-010	Heavy, concave, super size

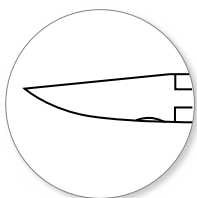
AI-OR-36-008



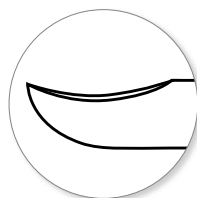
AI-OR-36-007



AI-OR-36-008



AI-OR-36-009



AI-OR-36-010

NAIL INSTRUMENTS

Nail Nippers



TISSUE NIPPERS



AI-OR-36-011

Stainless steel.

CATALOG #	DESCRIPTION
AI-OR-36-011	6 mm, 4" (10 cm)
AI-OR-36-012	9 mm, 4" (10 cm)
AI-OR-36-013	11 mm, 4-1/2" (11.5 cm)
AI-OR-36-014	14 mm, 5" (12.5 cm)

Nail Splitters

NAIL SPLITTERS



AI-OR-36-015

CATALOG #	DESCRIPTION
AI-OR-36-015	Small, straight blade, single-ended, 5" (12.5 cm)

NAIL INSTRUMENTS

Nail Splitters

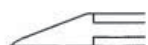
NAIL SPLITTERS



AI-OR-36-016

With grooved handles to improve grip.

CATALOG #	DESCRIPTION
AI-OR-36-016	4" (10 cm)
AI-OR-36-017	4-1/2" (11.5 cm)
AI-OR-36-018	Heavy jaw, 5" (12.5 cm)
AI-OR-36-019	Narrow jaw, 5" (12.5 cm)
AI-OR-36-020	6" (15 cm)



AI-OR-36-016



AI-OR-36-017



AI-OR-36-018



AI-OR-36-019



AI-OR-36-020

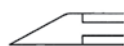
NAIL SPLITTERS



AI-OR-36-021

Our splitters have the true feel of superb craftsmanship. The cutting edge is expertly ground and specially heat treated. For a sure grip, our stainless splitters come with grooved handles. Stainless steel.

CATALOG #	DESCRIPTION
AI-OR-36-021	Tapered, 4" (10 cm)
AI-OR-36-022	Tapered, 4-1/2" (11.5 cm)
AI-OR-36-023	Tapered, 5" (12.5 cm)
AI-OR-36-024	Tapered, 6" (15 cm)
AI-OR-36-025	Delicate, 4-1/2" (11.5 cm)



AI-OR-36-021



AI-OR-36-022



AI-OR-36-023



AI-OR-36-024



AI-OR-36-025

NAIL INSTRUMENTS

Nail Splitters



SHORT JAW NAIL SPLITTERS



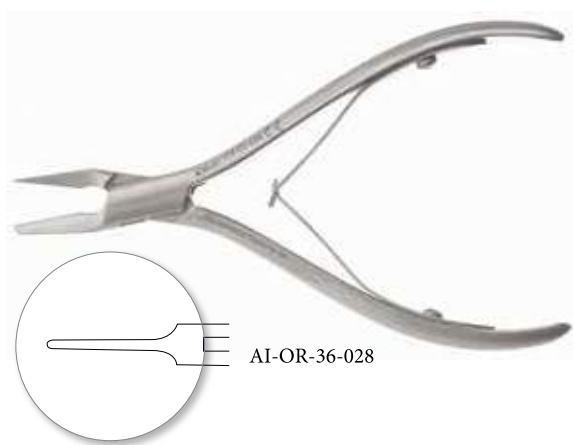
AI-OR-36-026

Short jaw design provides increased leverage for easier cutting of thick nails — less strain on hand and splitter. Stainless steel.

CATALOG #	DESCRIPTION
AI-OR-36-026	Straight, 5" (12.5 cm)
AI-OR-36-027	Straight, 6" (15 cm)

Nail Forceps

INGROWN NAIL FORCEPS



AI-OR-36-028

Very delicate anvil design slides easily under nails.

CATALOG #	DESCRIPTION
AI-OR-36-028	Anvil pattern, narrow blade, 5" (12.5 cm)

NAIL INSTRUMENTS

Nail Forceps

PLATYPUS NAIL REMOVING FORCEPS



CATALOG #	DESCRIPTION
AI-OR-36-029	3 mm, narrow, 5-1/2" (14 cm)
AI-OR-36-030	6 mm, broad, 5-1/2" (14 cm)

Nail Scissors

INGROWN NAIL INSTRUMENT #81



CATALOG #	DESCRIPTION
AI-OR-36-031	Single-ended, 5" (12.5 cm)

NAIL INSTRUMENTS

Nail Scissors



INGROWN NAIL SPLITTING SCISSORS



CATALOG #	DESCRIPTION
AI-OR-36-032	One serrated blade, 6" (15 cm)

NAIL SCISSORS



CATALOG #	DESCRIPTION
AI-OR-36-033	Curved, 4" (10.5 cm)

BONE SAWS AND KNIVES

GIGLI SAW BLADES



AI-OR-37-001

For cutting hard bone in difficult areas or situations.

CATALOG #	DESCRIPTION
AI-OR-37-001	9" (23 cm)
AI-OR-37-002	12" (30.5 cm)
AI-OR-37-003	16" (40.5 cm)
AI-OR-37-004	20" (51 cm)
AI-OR-37-005	30" (76 cm)
AI-OR-37-006	Loop-style, 3-1/2" (9 cm) wide, one pair
AI-OR-37-007	Loop-style with snap lock, 3-3/8" (8.5 cm) wide, one pair
AI-OR-37-008	T-style, 2-1/2" wide, one pair



AI-OR-37-006



AI-OR-37-007



AI-OR-37-008

BONE SAWS AND KNIVES



RANEY GIGLI SAW GUIDE

CATALOG #	DESCRIPTION
AI-OR-37-009	Curved tip, straight shaft

CHARRIERE BONE SAWS



AI-OR-37-012

Stainless steel frame, chrome blades.

CATALOG #	DESCRIPTION
AI-OR-37-010	10-1/2" (26.5 cm) complete
AI-OR-37-011	Chrome blade only for KM46645
AI-OR-37-012	14" (35.5 cm) complete
AI-OR-37-013	12 mm chrome blade only for KM46683
AI-OR-37-014	14 mm chrome blade only for KM46683

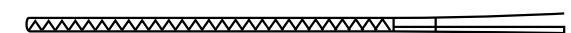
JOSEPH BONE SAWS



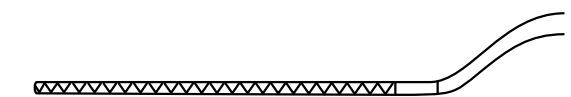
AI-OR-37-015

7" (19 cm).

CATALOG #	DESCRIPTION
AI-OR-37-015	Straight
AI-OR-37-016	Bayonet left
AI-OR-37-017	Bayonet right



AI-OR-37-016



AI-OR-37-017

LANGENBECK METACARPAL SAW



AI-OR-37-018

CATALOG #	DESCRIPTION
AI-OR-37-018	9" (23 cm)

BONE SAWS AND KNIVES

LISTON AMPUTATING KNIVES



AI-OR-37-019

CATALOG #	DESCRIPTION
AI-OR-37-019	6-3/4" (17 cm) blade
AI-OR-37-020	8" (20.5 cm) blade

SATTERLEE BONE SAW



AI-OR-37-021

CATALOG #	DESCRIPTION
AI-OR-37-021	Complete with ring handle, 11-1/2" (29 cm)

SATTERLEE SAW BLADES ONLY



AI-OR-37-022

CATALOG #	DESCRIPTION
AI-OR-37-022	Blade only for KM46643, 8-3/8" (21.5 cm)
AI-OR-37-023	Blade only for KM46643



AI-OR-37-023

PERCY AMPUTATION SHIELD



AI-OR-37-024

CATALOG #	DESCRIPTION
AI-OR-37-024	12" (30.5 cm)

PLASTER CAST INSTRUMENTS

BRUNS SHEARS



For heavier plaster.

CATALOG #	DESCRIPTION
AI-OR-38-001	One blade serrated, 9-3/8" (24 cm)

STILLE PLASTER SHEARS



For cast removal.

CATALOG #	DESCRIPTION
AI-OR-38-002	15" (38 cm)

PEDIATRIC CAST BREAKER

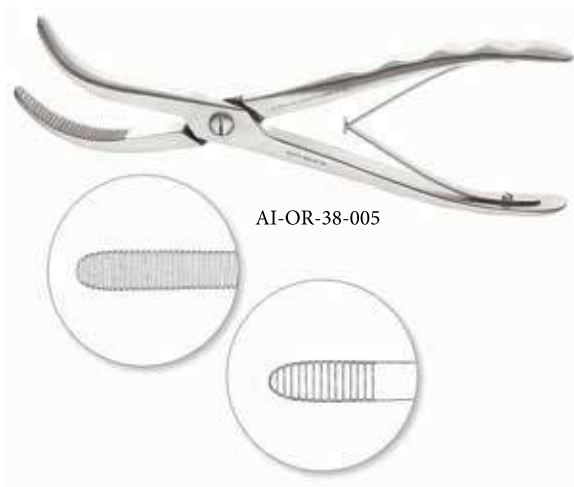


CATALOG #	DESCRIPTION
AI-OR-38-003	7" (18 cm)

PLASTER CAST INSTRUMENTS



WOLFF (BOEHLER) CAST BREAKERS



AI-OR-38-005

AI-OR-38-004

CATALOG #	DESCRIPTION
AI-OR-38-004	Small, 7" (18 cm)
AI-OR-38-005	9-7/8" (25 cm)

HENNIG PLASTER SPREADER



AI-OR-38-006

To relieve cast pressure or for cast removal.
One-handed operation.

CATALOG #	DESCRIPTION
AI-OR-38-006	10-5/8" (27 cm)

REINER PLASTER KNIFE



AI-OR-38-007

Stainless handle.

CATALOG #	DESCRIPTION
AI-OR-38-007	7" (18 cm)

PLASTER CAST INSTRUMENTS



CAST SPREADER



AI-OR-38-008

To relieve cast pressure or for cast removal.
One-handed operation.

CATALOG #	DESCRIPTION
AI-OR-38-008	8-7/8" (22.5 cm)

WALTON CAST SPREADER



AI-OR-38-009

To relieve cast pressure or for cast removal.
One-handed operation.

CATALOG #	DESCRIPTION
AI-OR-38-009	8-5/8" (22 cm)

ENGEL PLASTER SAW



AI-OR-38-010

Chrome handle and stainless blade.

CATALOG #	DESCRIPTION
AI-OR-38-010	6" (15 cm)

MEASURING DEVICES

Calipers



CASTOVIEJO CALIPER



AI-OR-39-001

CATALOG #	DESCRIPTION	
AI-OR-39-001	Graduated in mm up to 40 mm, 6-1/2" (16.5 cm)	2

TOWNLEY FEMUR CALIPER



AI-OR-39-002

Takes inside and outside measurements up to 4" (10 cm).

CATALOG #	DESCRIPTION	
AI-OR-39-002	4-1/2" (11.5 cm)	5

NEURO CALIPER



AI-OR-39-003

Inside measuring faces extra long (60 mm) for neurosurgery. Inside and outside measuring faces and depth bar, stainless steel.

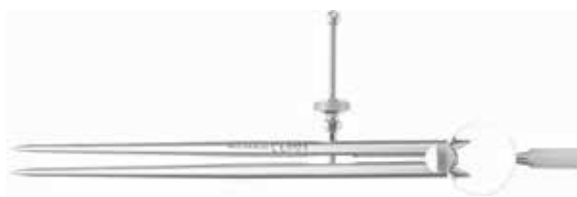
CATALOG #	DESCRIPTION	
AI-OR-39-003	Graduated in inch/mm to 5-3/4" (145 mm), 9" (23 cm)	8

MEASURING DEVICES

Specialty



BONE COMPASS



AI-OR-39-004

CATALOG #	DESCRIPTION
AI-OR-39-004	8" (20.5 cm)

POLK FINGER GONIOMETER



AI-OR-39-005

CATALOG #	DESCRIPTION
AI-OR-39-005	Graduated in inch and cm, 6" (15 cm)

MISCELLANEOUS ORTHOPEDIC

Lead Hands

LEAD HANDS



AI-OR-40-001

Oxidation of lead surfaces is a normal process. To prolong the life of lead hands, autoclave temperatures should not exceed 248° F (120° C). Avoid using chemical sterilization as it can cause severe corrosion.

CATALOG #	DESCRIPTION
AI-OR-40-001	Adult, 14-1/2" (37 cm)
AI-OR-40-002	Child, 9-1/2" (24 cm)

LEAD HANDS



AI-OR-40-003

Thinner and more flexible model. Longer fingers wrap on ends, eliminating side tabs.

CATALOG #	DESCRIPTION
AI-OR-40-003	Adult, 2 mm thick, 9-1/2" (24 cm)

MISCELLANEOUS ORTHOPEDIC Ring Cutters



FINGER RING CUTTER



AI-OR-40-004



AI-OR-40-005

CATALOG #	DESCRIPTION
AI-OR-40-004	Chrome, with saw blade, 6-1/4" (16 cm)
AI-OR-40-005	Saw blade only

Diagnostic Instruments

BUCK NEURO HAMMER STAINLESS



AI-OR-40-006

Stainless steel with brush and needle.

CATALOG #	DESCRIPTION
AI-OR-40-006	7-3/4" (19.5 cm)

MISCELLANEOUS ORTHOPEDIC Diagnostic Instruments



TAYLOR PERCUSSION HAMMER



AI-OR-40-007

CATALOG #	DESCRIPTION
AI-OR-40-007	8" (20.5 cm)

WARTENBERG NEUROLOGICAL PIN WHEEL



AI-OR-40-008

CATALOG #	DESCRIPTION
AI-OR-40-008	7" (18 cm)

Specialty Hand Instruments

JOHNSON-TUCKER HOOK AND FORK



AI-OR-40-009

CATALOG #	DESCRIPTION
AI-OR-40-009	Double-ended, delicate, 6-1/2" (16.5 cm)

MISCELLANEOUS ORTHOPEDIC Specialty Hand Instruments



EXCAVATOR AND PACKER



AI-OR-40-010

CATALOG #	DESCRIPTION
AI-OR-40-010	Double-ended

PROBE AND PACKER



AI-OR-40-011

CATALOG #	DESCRIPTION
AI-OR-40-011	Double-ended, 1 mm and 2 mm ends, 6" (15 cm)

SPATULA AND PACKER



AI-OR-40-012

CATALOG #	DESCRIPTION
AI-OR-40-012	Double-ended, 5-3/4" (14.5 cm)

VERUCCA CURETTE EXCAVATOR



AI-OR-40-013

With McGlamry Bullneck. Will resist bending

CATALOG #	DESCRIPTION
AI-OR-40-013	Single-ended, straight, 4 mm without hole, 5" (12.5 cm)



MISCELLANEOUS ORTHOPEDIC

Specialty Hand Instruments

CURETTE EXCAVATORS



AI-OR-40-014

CATALOG #	DESCRIPTION
AI-OR-40-014	Double-ended, 1.5 mm and 2.0 mm ends, 5-1/2" (14 cm)
AI-OR-40-015	Double-ended, 1.5 mm and 2.5 mm ends, 5-1/2" (14 cm)

CURETTE EXCAVATORS



AI-OR-40-018

Single-ended, with hole, 5" (12.5 cm).

CATALOG #	DESCRIPTION
AI-OR-40-016	#58, 1.0 mm
AI-OR-40-017	#58, 1.5 mm
AI-OR-40-018	#58, 2.0 mm
AI-OR-40-019	#58, 2.5 mm

CURETTE EXCAVATORS



AI-OR-40-022

Single-ended, without hole, 5" (12.5 cm).

CATALOG #	DESCRIPTION
AI-OR-40-020	#57, 1.0 mm
AI-OR-40-021	#57, 1.5 mm
AI-OR-40-022	#57, 2.0 mm
AI-OR-40-023	#57, 2.5 mm

MISCELLANEOUS ORTHOPEDIC Specialty Hand Instruments

SR 47700 CU, Old
SR 47700 CU, Old



LOCKE ELEVATORS



AI-OR-40-024

With McGlamry Bullneck. Will resist bending

CATALOG #	DESCRIPTION
AI-OR-40-024	Narrow blade, single-ended, 4-1/2" (11.5 cm)
AI-OR-40-025	Wide blade, single-ended, 5" (12.5 cm)

CORN KNIVES



AI-OR-40-027



AI-OR-40-028



AI-OR-40-026

Single-ended.

CATALOG #	DESCRIPTION
AI-OR-40-026	Soft Corn Knife, #45, straight, round blade
AI-OR-40-027	Soft Corn Spoon Knife, slightly curved, oval blade
AI-OR-40-028	Corn Knife, curved

GOLF STICK KNIVES



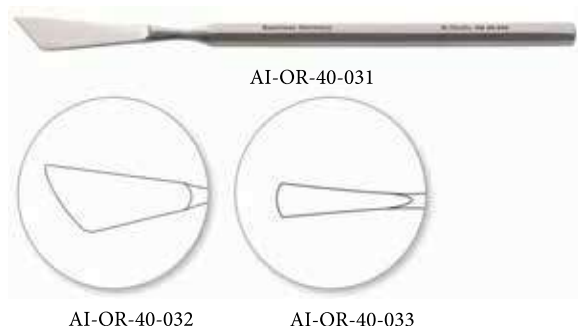
AI-OR-40-030

CATALOG #	DESCRIPTION
AI-OR-40-029	#41
AI-OR-40-030	#43

MISCELLANEOUS ORTHOPEDIC

Specialty Hand Instruments

CHISELS



CATALOG #	DESCRIPTION
AI-OR-40-031	Curved, medium
AI-OR-40-032	Curved, extra-large
AI-OR-40-033	Curved, spade pattern

WRIST TENDON APPROXIMATOR

CATALOG #
AI-OR-40-034

MISCELLANEOUS ORTHOPEDIC



PELVIC BALL SPIKE



AI-OR-40-035

CATALOG #	DESCRIPTION
AI-OR-40-035	Straight, 11-3/4" (30 cm)
AI-OR-40-036	Spiked disk only



AI-OR-40-036

BONE MILL



AI-OR-40-037

CATALOG #	DESCRIPTION
AI-OR-40-037	With crank and table clamp



MISCELLANEOUS ORTHOPEDIC

KUNTSCHER EXTRACTORS

CATALOG #	DESCRIPTION
AI-OR-40-038	Femoral, 19-1/8" (48.5 cm)

KUNTSCHER REAMER

CATALOG #	DESCRIPTION
AI-OR-40-039	Cannulated, 15" (38 cm)

KUNTSCHER SKIN PROTECTOR

CATALOG #	DESCRIPTION
AI-OR-40-040	6-1/8" (15.5 cm)

