

**THE INSTRUMENTS MANUFACTURING COMPANY**

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**Certified Company  
Established in  
1978**

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**ISO 13485**

**AZ-SURGERY**







AZ Wisdom Wise Industries

# ABOUT US.

**WE OFFERS A COMPLETE LINE OF THE FINEST INSTRUMENTATION FOR ALL SPECIALTIES:**

**SURGICAL, DENTAL, ORTHOPEDIC, MANICURE, OPHTHALMIC, HOSPITAL HOLLOWWARE & TUNGSTEN CARBIDE INSTRUMENTS.**

## YOUR INSTRUMENT SOURCE

**WHETHER YOU ARE THE PURCHASING AGENT FOR A LARGE HOSPITAL OR THE ONLY DOCTOR IN A SMALL TOWN CLINIC, WE WILL TREAT YOU AS OUR BEST CUSTOMER, BECAUSE YOU ARE.**

## COMPANY PROFILE

**OUR COMPANY, IS A FAMILY OWNED COMPANY, DEDICATED TO GIVING YOU THE PERSONALIZED SERVICE YOU DESERVE.**

**WE HAVE BEEN SUPPLYING THE INDUSTRY WITH THE FINEST INSTRUMENTATION FOR ALL SPECIALTIES FOR OVER 40 YEARS.**

**OUR FACTORY IS LOCATED IN SIALKOT - PAKISTAN.**

**FROM HERE, WE OFFER BEST QUALITY AND COMPLETE SATISFACTION TO OUR CUSTOMERS.**

**WHEN YOU BUY FROM US, YOU ARE GUARANTEED THE BEST.**

**NOT ONLY THE BEST INSTRUMENTS, BUT THE BEST SERVICE AS WELL.**

**IF YOU EVER HAVE A QUESTION, WE'RE HERE TO HELP.**

**WE WILL BE HAPPY TO GIVE YOU THE SUPPORT YOU NEED.**

## TO OUR EXISTING CUSTOMERS

**WE WOULD LIKE TO THANK YOU FOR CONTINUING TO STAY WITH THE BEST. WE APPRECIATE YOUR BUSINESS.**

## TO PROSPECTIVE CUSTOMER

**WE LOOK FORWARD TO STARTING A LASTING RELATIONSHIP WITH YOU.**

## GUARANTEE

**WE ARE GUARANTEED TO BE FREE OF DEFECTS IN MATERIALS AND WORKMANSHIP. ANY INSTRUMENT THAT IS DETERMINED TO BE DEFECTIVE WILL BE EITHER REPAIRED OR REPLACED, AT OUR DISCRETION.**

**INSTRUMENTS NOT PROPERLY CARED FOR OR USED FOR PURPOSES NOT INTENDED WILL NOT BE COVERED. OUR LIABILITY UNDER THIS GUARANTEE IS LIMITED TO REPAIR OR REPLACEMENT OF DEFECTIVE ITEMS.**



# QUALITY OF INSTRUMENTS



**ALL ITEMS ARE MANUFACTURED AS PER ISO 13485 REQUIREMENTS AND QUALITY OF STAINLESS STEEL IS AS INTERNATIONAL STANDARDS AND SUITABLE FOR USE IN A TROPICAL HOSPITAL ENVIRONMENT.**

**THE STAINLESS STEEL STANDARD RESIST WASHING INFERIOR QUALITY SCALED WATER.**

**QUALITY OF THE PACKING IS SUITABLE FOR THE STORAGE IN A HUMID TROPICAL CLIMATE.**



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# INSTRUMENT CARE, HANDLINGS AND WARRANTY.

- A. USE THE INSTRUMENTS ONLY FOR THE PURPOSE IT IS MADE.**
- B. DO NOT USE INSTRUMENTS FOR OTHER PURPOSES IT WILL EXPIRE THE WARRANTY. THE INSTRUMENTS WILL NOT BE CLAIMED.**
- C. AS THE MANUFACTURER CAN EVALUATE THAT THE INSTRUMENT IS NOT USE FOR THE PURPOSE IT IS MADE.**
- D. ALWAYS CHECK ALL INSTRUCTIONS FOR USE AND STERILIZATION OF NEW INSTRUMENTS.  
UNLESS OTHERWISE DIRECTED THEY SHOULD BE INSPECTED, CLEANED, RINSED AND LUBRICATED BEFORE BEING PUT INTO SERVICE.  
LUBRICATE AFTER CLEANING WITH A PROPRIETARY WATER-SOLUBLE INSTRUMENT LUBRICANT.  
HANDLE ALL INSTRUMENTS GENTLY. NEVER OVERSTRAIN, DROP OR MISUSE THEM.**
- E. CHECK ALL INSTRUMENTS FOR DAMAGE AFTER USE, ESPECIALLY MICROSURGICAL AND INSULATED INSTRUMENTS.**
- F. DISMANTLE, CLEAN AND DECONTAMINATE ALL INSTRUMENTS IN COLD WATER AS SOON AS POSSIBLE AFTER USE,  
GIVING PARTICULAR ATTENTION TO SERRATIONS, JOINTS AND RATCHETS.  
FAILURE TO DO SO MAY RESULT IN THE INSTRUMENT BECOMING STAINED WITH THE POSSIBILITY OF STIFF JOINTS.**
- G. GIVE SPECIAL ATTENTION TO MICROSURGICAL INSTRUMENTS.  
THEIR FINE TIPS CAN EASILY BE DAMAGED BY CONTACT WITH OTHER INSTRUMENTS OR THE SIDES OF THE CASE IN WHICH THEY SHOULD BE KEPT.  
HAND CLEANING IS PREFERABLE.**
- H. ENSURE THAT THE DETERGENT IS OF THE MANUFACTURERS RECOMMENDED STRENGTH IF ULTRASONIC OR CLEANING MACHINES ARE USED.  
ENSURE ALL INSTRUMENTS ARE THOROUGHLY DRIED BEFORE BEING STORED.  
PACK INSTRUMENTS CAREFULLY WITH THE HEAVIER ONES LYING ON A PIECE OF CLOTH OR TOWEL AT THE BOTTOM.  
STORE AND STERILIZE HANDLED INSTRUMENTS ON A SPECIAL HOLDER. ALWAYS LEAVE RACKS AND RATCHETS OPEN.**
- I. CHECK THE HARDNESS OF THE WATER USED IN THE AUTOCLAVE. TOO HARD WATER WILL LEAVE A DEPOSIT ON THE INSTRUMENTS.**
- J. IF A WATER SOFTENER IS USED ENSURE IT IS AT THE MANUFACTURERS RECOMMENDED LEVEL.  
TOO MUCH MAY CAUSE DISCOLORATION OR PITTING**
- K. NEVER MISUSE SURGICAL INSTRUMENTS OR OVERSTRAIN JOINTS OR RACKS.**
- L. LEAVE SOILED INSTRUMENTS TO DRY.  
IF IT IS IMPOSSIBLE TO CLEAN THEM IMMEDIATELY AFTER USE, SOAK THEM IN COLD WATER FOR AS SHORT A PERIOD AS POSSIBLE.**
- M. USE ABRASIVES ON INSTRUMENTS AS THIS WILL SPOIL THE SURFACE FINISH. THIS MAY LATER CAUSE DISCOLORATION, RUSTING OR PITTING.**
- N. HANDLE MICROSURGICAL INSTRUMENTS BY THEIR TIPS. THESE SHOULD BE CLEANED BY TRAINED PERSONNEL ONLY WHO WILL ENSURE THE  
DELICATE WORKING ENDS ARE ADEQUATELY PROTECTED DURING STORAGE OR STERILIZATION.**
- O. PACK MICROSURGICAL INSTRUMENTS WITH OTHER, HEAVIER INSTRUMENTS.  
REMEMBER ALWAYS - HEAVY INSTRUMENTS ON THE BOTTOM AND LIGHT INSTRUMENTS ON THE TOP.**
- P. USE GENERAL PURPOSE OILS FOR INSTRUMENTS, ONLY WATER SOLUBLE LUBRICANTS SHOULD BE USED.**
- Q. USE FORCEPS TO HANDLE ENDOSCOPES. THIS WILL HELP TO AVOID THEM BEING SCRATCHED, DENTED OR DROPPED.**
- R. LEAVE INSTRUMENTS SOAKING LONGER THAN NECESSARY IN CHEMICAL STERILIZING SOLUTIONS.  
AFTER THEY HAVE BEEN STERILIZED THEY SHOULD BE WASHED THOROUGHLY IN WARM WATER TO REMOVE ALL TRACES OF THE CHEMICALS  
TO PREVENT DISCOLORATION OR PITTING.**
- S. STORE DAMP INSTRUMENTS. THEY MUST BE THOROUGHLY DRIED FIRST.**



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# STERILIZATION OF INSTRUMENTS

## 1. RINSING

IMMEDIATELY AFTER SURGERY, RINSE INSTRUMENTS UNDER WARM (NOT HOT) RUNNING WATER. RINSE SHOULD REMOVE ALL BLOOD, BODY FLUIDS AND TISSUE.

## 2. CLEANING

(IF NOT DONE IMMEDIATELY AFTER RINSING, INSTRUMENTS SHOULD BE SUBMERGED IN A SOLUTION OF WATER AND NEUTRAL PH(7) DETERGENT)

### A. ULTRASONIC CLEANING

FOR MICRO AND DELICATE INSTRUMENTS, USE MANUAL CLEANING (STEP C). INSTRUMENTS SHOULD BE PROCESSED IN A CLEANER FOR THE FULL RECOMMENDED CYCLE TIME – USUALLY 5 TO 10 MINUTES. PLACE INSTRUMENTS IN OPEN POSITION INTO THE ULTRASONIC CLEANER. MAKE SURE THAT "SHARP" (SCISSORS, KNIVES, OSTEOTOMES, ETC.) BLADES DO NOT TOUCH OTHER INSTRUMENTS. ALL INSTRUMENTS HAVE TO BE FULLY SUBMERGED. DO NOT PLACE DISSIMILAR METALS (STAINLESS, COPPER, CHROME PLATED, ETC.) IN THE SAME CLEANING CYCLE. CHANGE SOLUTION FREQUENTLY – AT LEAST AS OFTEN AS MANUFACTURER RECOMMENDS. RINSE INSTRUMENTS AFTER ULTRASONIC CLEANING WITH WATER TO REMOVE ULTRASONIC CLEANING SOLUTION.

### B. AUTOMATIC WASHER STERILIZERS

FOLLOW MANUFACTURER'S RECOMMENDATIONS BUT MAKE SURE INSTRUMENTS ARE LUBRICATED AFTER LAST RINSE CYCLE AND BEFORE STERILIZATION CYCLE.

### C. MANUAL CLEANING

MOST INSTRUMENT MANUFACTURERS RECOMMEND ULTRASONIC CLEANING AS THE BEST AND MOST EFFECTIVE WAY TO CLEAN SURGICAL INSTRUMENTS, PARTICULARLY THOSE WITH HINGES, LOCKS AND OTHER MOVING PARTS. IF ULTRASONIC CLEANING IS NOT AVAILABLE OBSERVE THE FOLLOWING STEPS.

#### I. USE STIFF PLASTIC CLEANING BRUSHES (NYLON, ETC.)

DO NOT USE STEEL WOOL OR WIRE BRUSHES EXCEPT SPECIALLY RECOMMENDED STAINLESS STEEL WIRE BRUSHES FOR INSTRUMENTS SUCH AS BONE FILES, OR ON STAINED AREAS IN KNURLED HANDLES.

#### II. USE ONLY NEUTRAL PH(7) DETERGENTS BECAUSE IF NOT RINSED OFF PROPERLY, LOW PH DETERGENTS WILL CAUSE BREAKDOWN OF STAINLESS PROTECTIVE SURFACE AND BLACK STAINING.

HIGH PH DETERGENT WILL CAUSE SURFACE DEPOSIT OF BROWN STAIN, WHICH WILL ALSO INTERFERE WITH SMOOTH OPERATION OF THE INSTRUMENT.

#### III. BRUSH DELICATE INSTRUMENTS CAREFULLY AND, IF POSSIBLE, HANDLE THEM TOTALLY SEPARATE FROM GENERAL INSTRUMENTS.

#### IV. MAKE SURE ALL INSTRUMENT SURFACES ARE VISIBLY CLEAN AND FREE FROM STAINS AND TISSUE. THIS IS A GOOD TIME TO INSPECT EACH INSTRUMENT FOR PROPER FUNCTION AND CONDITION.

CHECK AND MAKE SURE THAT :

SCISSORS BLADES GLIDE SMOOTHLY ALL THE WAY (THEY MUST NOT BE LOOSE WHEN IN CLOSED POSITION). TEST SCISSORS BY CUTTING INTO THIN GAUZE. THREE QUARTERS OF THE LENGTH OF BLADE SHOULD CUT ALL THE WAY TO THE SCISSOR TIPS, AND NOT HANG UP.

FORCEPS (PICKUPS) HAVE PROPERLY ALIGNED TIPS. HEMOSTATS AND NEEDLE HOLDERS DO NOT SHOW LIGHT BETWEEN THE JAWS, LOCK AND UNLOCK EASILY, JOINTS ARE NOT TOO LOOSE. CHECK NEEDLE HOLDERS FOR WEAR ON JAW SURFACES. SUCTION TUBES ARE CLEAN INSIDE. RETRACTORS FUNCTION PROPERLY. CUTTING INSTRUMENTS AND KNIVES HAVE SHARP, UNDAMAGED BLADES.

#### V. AFTER SCRUBBING, RINSE INSTRUMENTS THOROUGHLY UNDER RUNNING WATER. WHILE RINSING, OPEN AND CLOSE SCISSORS, HEMOSTATS, NEEDLE HOLDERS AND OTHER HINGED INSTRUMENTS TO MAKE SURE THE HINGE AREAS ARE RINSED OUT, AS WELL AS THE OUTSIDE OF THE INSTRUMENTS.

## 3. AFTER CLEANING

IF INSTRUMENTS ARE TO BE STORED, LET THEM AIR DRY AND STORE THEM IN A CLEAN AND DRY ENVIRONMENT.

## 4. AUTOCLAVING

IF INSTRUMENTS ARE TO BE REUSED OR AUTOCLAVED:

### A. LUBRICATE ALL INSTRUMENTS WHICH HAVE ANY "METAL TO METAL" ACTION SUCH AS SCISSORS, HEMOSTATS, NEEDLE HOLDERS, SELF-RETAINING RETRACTORS, ETC. RECOMMEND SURGICAL LUBRICANTS SUCH AS INSTRUMENT MILK ARE BEST. DO NOT USE WD40, OIL OR OTHER INDUSTRIAL LUBRICANTS.

### B. PUT INSTRUMENTS UP FOR AUTOCLAVING EITHER INDIVIDUALLY OR IN SETS.

#### INDIVIDUAL INSTRUMENTS

DISPOSABLE PAPER OR PLASTIC POUCHES ARE IDEAL. MAKE SURE YOU USE A WIDE ENOUGH POUCH (4" OR WIDER) FOR INSTRUMENTS WITH RATCHET LOCKS SUCH AS NEEDLE HOLDERS AND HEMOSTATS SO THE INSTRUMENT CAN BE STERILIZED IN AN OPEN (UNLOCKED) POSITION.

#### INSTRUMENT SETS

UNLOCK ALL INSTRUMENTS AND STERILIZE THEM IN AN OPEN POSITION. PLACE HEAVY INSTRUMENTS ON BOTTOM OF SET (WHEN TWO LAYERS ARE REQUIRED). NEVER LOCK AN INSTRUMENT DURING AUTOCLAVING. IT WILL NOT BE STERILE AS STEAM CANNOT REACH THE METAL TO METAL SURFACES. THE INSTRUMENT WILL DEVELOP CRACKS IN HINGE AREAS BECAUSE OF HEAT EXPANSION DURING THE AUTOCLAVE CYCLE.

DO NOT OVERLOAD THE AUTOCLAVE CHAMBER AS POCKETS MAY FORM THAT DO NOT PERMIT STEAM PENETRATION.

PLACE TOWEL ON BOTTOM OF PAN TO ABSORB EXCESS MOISTURE DURING AUTOCLAVING. THIS WILL REDUCE THE CHANCES OF GETTING "WET PACKS".

MAKE SURE THE TOWELS USED IN STERILIZATION OF INSTRUMENTS HAVE NO DETERGENT RESIDUE AND ARE NEUTRAL – PH(7) IF IMMERSSED IN WATER.

THIS CAN BE A REAL PROBLEM AS LAUNDRIES FREQUENTLY USE INEXPENSIVE BUT HIGH PH(9-13) DETERGENTS AND DO NOT PROPERLY RINSE OUT OR NEUTRALIZE THOSE DETERGENTS IN THE FINAL WASH/RINSE CYCLE.

CAUTION – AT THE END OF THE AUTOCLAVE CYCLE – BEFORE THE DRYING CYCLE – UNLOCK AUTOCLAVE DOOR AND OPEN IT MORE THAN A CRACK (ABOUT 3/4").

THEN RUN DRY CYCLE FOR THE PERIOD RECOMMENDED BY THE AUTOCLAVE MANUFACTURER. IF THE AUTOCLAVE DOOR IS OPENED FULLY BEFORE THE DRYING CYCLE, COLD ROOM AIR WILL RUSH INTO THE CHAMBER, CAUSING CONDENSATION ON THE INSTRUMENTS. THIS WILL RESULT IN WATER STAINS ON INSTRUMENTS AND ALSO CAUSE WET PACKS. IF YOU HAVE ANY UNUSUAL STAINING ON YOUR INSTRUMENTS DURING STERILIZATION, CONTACT YOUR LOCAL INSTRUMENT REPRESENTATIVE.

## 5. COLD STERILIZATION

MOST COLD STERILIZATION SOLUTIONS RENDER INSTRUMENTS STERILE ONLY AFTER A 10 HOUR IMMERSION. THIS PROLONGED CHEMICAL ACTION CAN BE MORE DETRIMENTAL TO THE SURGICAL INSTRUMENTS THAN THE USUAL 20 MINUTE AUTOCLAVE CYCLE. IF THE INSTRUMENTS NEED TO BE "DISINFECTED" ONLY, COLD STERILIZATION IS OKAY AS DISINFECTION WILL PLACE IN ONLY 10 MINUTES.

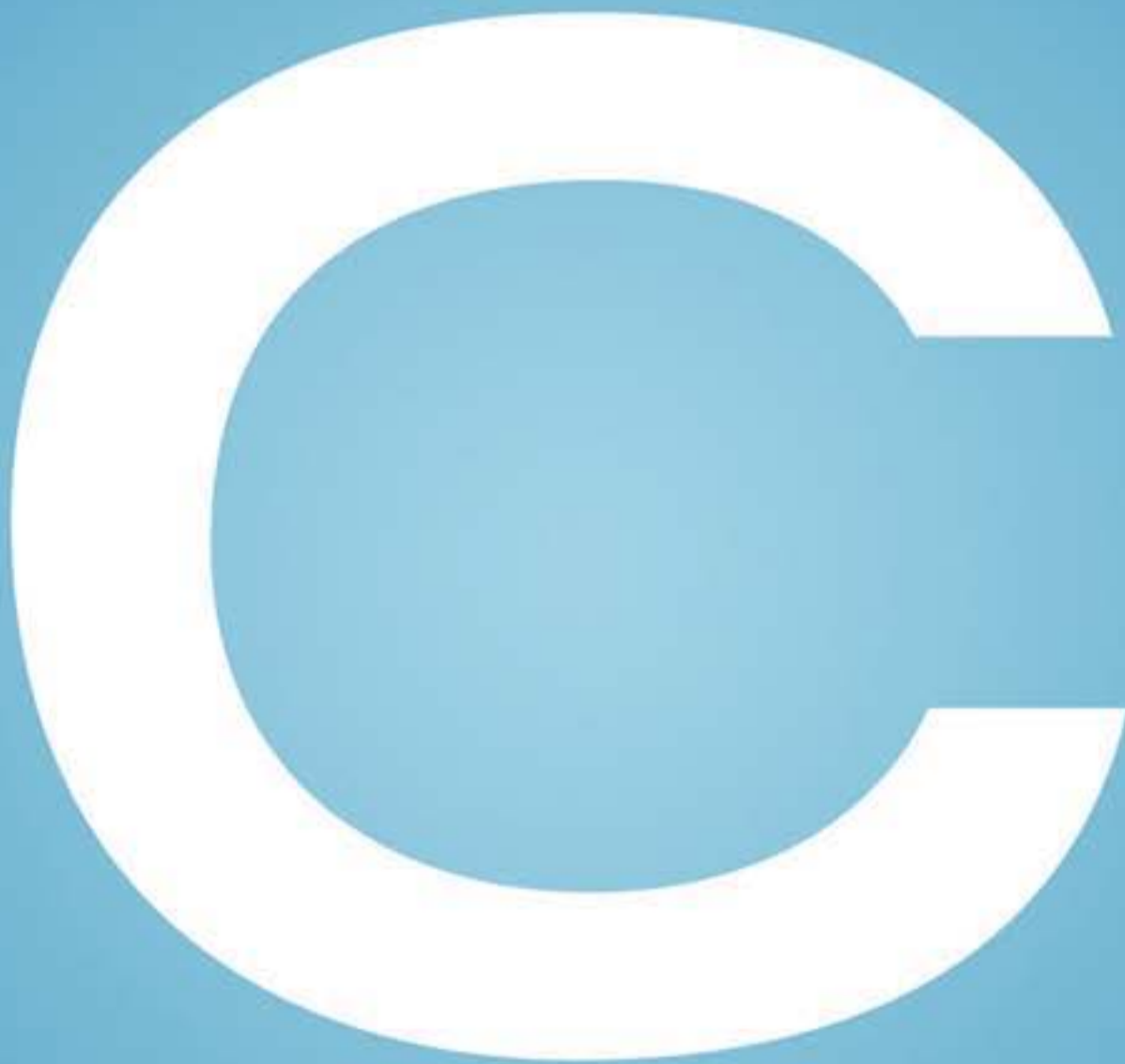
BUT KEEP IN MIND THE DIFFERENCE BETWEEN: STERILE – AN ABSOLUTE TERM (NO LIVING ORGANISM SURVIVES) AND DISINFECTED – BASICALLY CLEAN.

ALWAYS USE THE PROPER STERILIZATION/CLEANING TECHNIQUE TO RENDER THE INSTRUMENT IN REQUIRED CONDITION FOR USE.














FOR INSTRUMENTS WITH TUNGSTEN CARBIDE INSERTS (NEEDLE HOLDERS, SCISSORS, TISSUE FORCEPS), WE DO NOT RECOMMEND USE OF SOLUTIONS CONTAINING BENZYL AMMONIUM CHLORIDE WHICH WILL DESTROY THE TUNGSTEN CARBIDE INSERTS.



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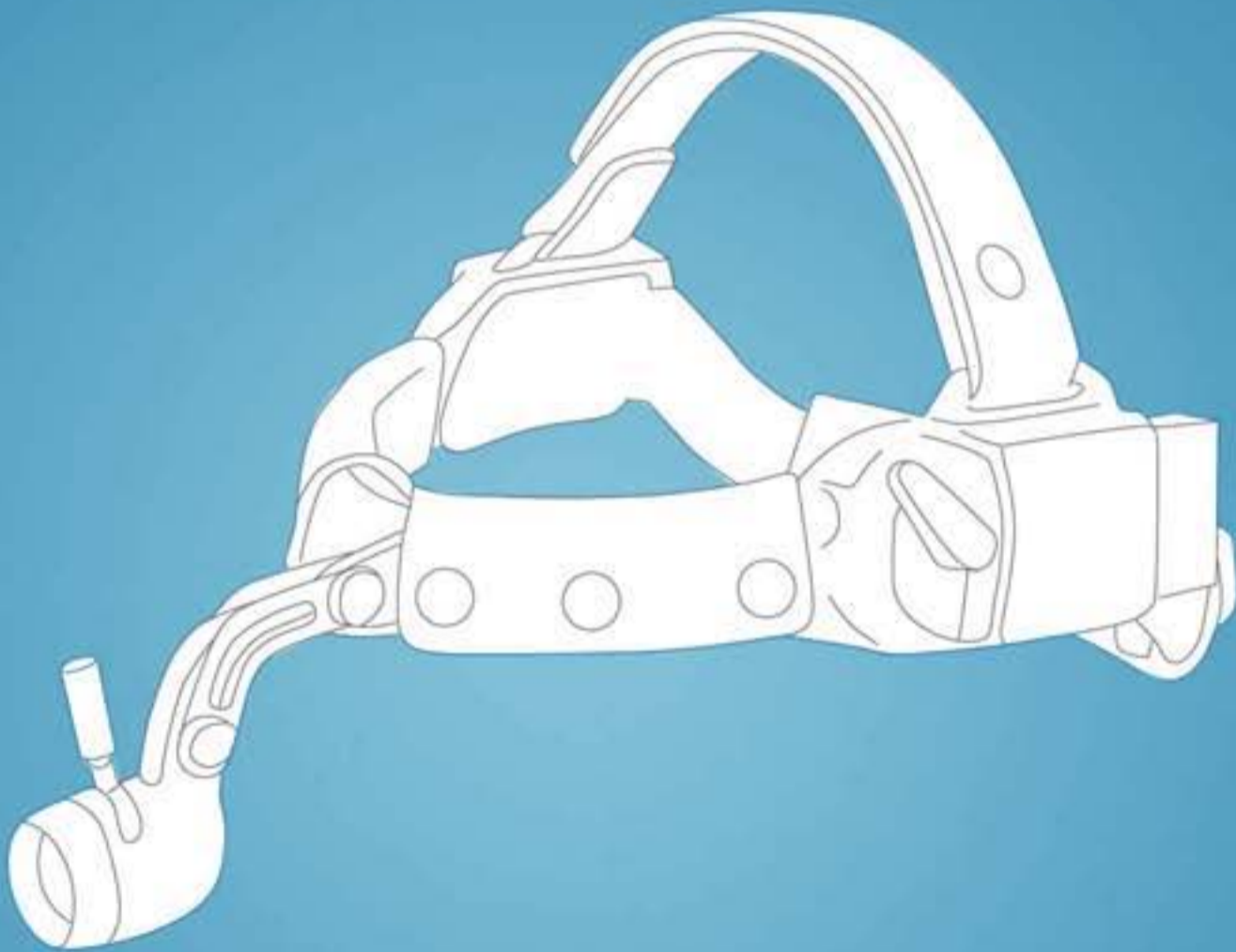
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**10-001**  
**PINWHEEL**  
**WARTENBERG**  
19cm

**10-003** = C.P  
**10-004** = S.S  
**BUCK HAMMER** 18cm

**10-006** = C.P = 18cm  
**10-007** = S.S = 20cm  
**10-008** = C.P = 18cm  
**10-009** = S.S = 20cm  
**BUCK HAMMER**

**10-011**  
**TROEMER**  
**HAMMER**  
24cm

**10-013**  
**BABINSKY**  
**HAMMER**  
22cm

**10-015**  
**RABINER**  
**HAMMER**  
23cm

**10-017**  
**EPSTEIN HAMMER**  
18cm  
With Pin And Brush

**10-019**  
**NEURO**  
**DUOFLEX**  
22cm

**10-021**  
**DEJERINE**  
**HAMMER**  
Without Pin 20cm

**10-023**  
**DEJERINE**  
**HAMMER**  
With Pin 21cm



10-025 = 18cm  
10-026 = 20cm  
**TAYLOR HAMMER**



10-028 = 17cm  
10-029 = 20cm  
**BERLINER HAMMER**



10-031  
**TRAUBE HAMMER**  
16cm



10-033 = 19cm  
**MOBILE WITH ROTARY DISC**



10-035 = 21cm  
**TROEMNER SIMPLEX**



10-037 = 22cm  
**DIVER DUOFLEX**



10-039  
**COMBO - 5 NEURO DIAGNOSTIC SET**  
(C-128 Tuning Fork)  
Buck Hammer With Pin, Brush And Needle



10-041  
**COMBO - 4 NEURO DIAGNOSTIC SET**  
Buck Hammer With Pin, Brush And Needle



10-043  
**COMBO - 5 NEURO DIAGNOSTIC SET**  
(C-256 Tuning Fork)  
Buck Hammer With Pin, Brush And Needle



**10-045**  
**ZIEGLER**  
90mm Dia  
Head Mirror  
With Black Plastic  
Head Band



**10-047**  
**JANSEN**  
Head Light



**10-051**  
**ZIEGLER**  
90mm Dia  
Head Mirror



**10-049**  
**ZIEGLER**  
90mm Dia  
Only Head Mirror  
With Rubber  
Coating



**10-053**  
**HEAD LIGHT**



**10-055**  
**HEAD LIGHT**

AZ Wisdom Wise Industries



**10-057  
PINARD**  
18cm  
Wooden



1:1



1:4

**10-061  
ANESTOPHON**  
4.7cm Simple  
For Nurses



1:4

**10-063  
BABY - DUPLEX**  
3.7cm  
For Children

**10-064  
DUPLEX**  
4.7cm  
For Adults



**10-059  
PINARD**  
15cm  
Aluminium



**10-066  
Child Prestige  
STETHOSCOPE**



**10-068  
Baby Prestige  
STETHOSCOPE**



**10-070  
Dual Head  
STETHOSCOPE**



**10-072  
Kirchner Colorscope  
STETHOSCOPE**



**10-074  
Standard  
STETHOSCOPE**





**10-076**  
**OPHTHALMOSCOPE SET**



**10-078**  
**UNIVERSAL SET**



**10-080**  
**COMBINATION SET**



**10-082**  
**OTOSCOPE SET**



**10-084**  
**MINI OTOSCOPE FIBER OPTIC**  
Complete Set Of  
Disposable Cannulas



**10-086**  
**OTOSCOPE SET Pouch Only**



**10-087**  
**OTOSCOPE**  
Blue

**10-088**  
**OTOSCOPE**  
Black

**10-089**  
**OTOSCOPE**  
Red

**10-090**  
**OTOSCOPE**  
Green



**10-092**  
**SPHYGMOMANOMETER, Calibrated**



**10-094**  
**MERCURY BLOOD PRESSURE**  
Non Calibrated



**10-096**  
**SPARE BULB**  
For Otoscope



**10-098**  
**OTOSCOPE SET**  
With 3 Ear Specula  
Without Box



**10-100**  
**OTOSCOPE SET**  
With 3 Ear Specula  
In Plastic Box



**10-102**  
**UNIVERSAL DIAGNOSTIC SET FOR ENT**  
Consisting Of Battery Handle (Without Batteries)  
1 Otoscope With 3 Ear Specula  
1 Ophthalmoscope, 1 Nasal Speculum,  
2 Laryngeal Mirrors With Handle,  
1 Tongue Depressor Holder In Case



**10-104  
COLLIN  
DYNAMOMETER**  
12.5cm  
For Childrens,  
In Kg-Scale

**10-106  
COLLIN  
DYNAMOMETER**  
12.5cm  
For Adults,  
In Kg-Scale

**10-108  
COLLIN  
DYNAMOMETER**  
12.5cm  
For Adults,  
In Lbs-Scale



**10-110  
BERTILLON  
CEPHALOMETER**  
32cm



**10-112  
MOELTGEN  
GONIOMETER**  
Flexibility of Joints  
Up To 180 Degrees



**10-114** Aluminium  
**10-115** Steel  
**VERNIER CALIPER**  
Measuring  
Up To  
15mm - 6 Inches



**10-117  
CASTROVIEJO  
CALIPER**  
8cm

Narkose  
Anaesthesia  
Anestesia  
Anesthésie  
Anestesia

**11**  
**19 - 23**





**MAGILL FORCEPS**  
**11-011** = 15cm  
**11-012** = 17cm  
**11-013** = 20cm  
**11-014** = 25cm  
**11-015** = 28cm  
**11-016** = 30cm

AZ Wisdom Wise Industries



- 11-021 MILLER** Laryngoscope Complete Set Of 3 Blades In Box
- 11-022 MILLER** Laryngoscope Complete Set Of 4 Blades In Box
- 11-023 MILLER** Laryngoscope Complete Set Of 5 Blades In Box



**11-029**  
Handle Only  
For Laryngoscope



**11-030**  
Handle Only  
For Laryngoscope  
Cold Light  
Handle



**11-031**  
Spare Bulb  
For Laryngoscope

### Miller Blades



**11-033**  
No. 0 = 55mm Balde Only



**11-034**  
No. 1 = 70mm Balde Only



**11-035**  
No. 2 = 90mm Balde Only



**11-036**  
No. 3 = 110mm Balde Only



**11-037**  
No. 4 = 135mm Balde Only



**11-025**  
**MILLER** Laryngoscope  
Complete Set Of 3 Blades  
In Black Rexen Pouch

**11-026**  
**MILLER** Laryngoscope  
Complete Set Of 4 Blades  
In Black Rexen Pouch

**11-027**  
**MILLER** Laryngoscope  
Complete Set Of 5 Blades  
In Black Rexen Pouch



### McIntosh Blades

**11-048**  
 Handle Only  
 For Laryngoscope



- 11-041 MCINTOSH** Laryngoscope Complete Set Of 3 Blades In Box
- 11-042 MCINTOSH** Laryngoscope Complete Set Of 4 Blades In Box
- 11-043 MCINTOSH** Laryngoscope Complete Set Of 5 Blades In Box

**11-052**  
 No. 0 = 55mm Balde Only



**11-053**  
 No. 1 = 70mm Balde Only



**11-054**  
 No. 2 = 90mm Balde Only



**11-055**  
 No. 3 = 110mm Balde Only



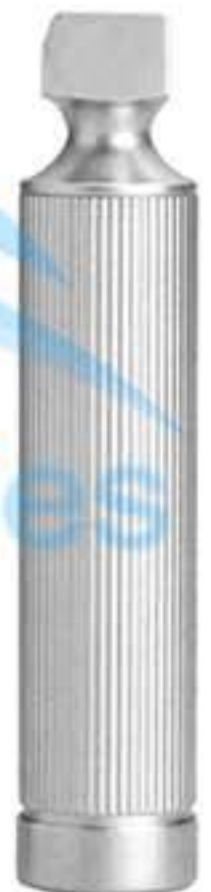
**11-056**  
 No. 4 = 135mm Balde Only



**11-057**  
 No. 5 = 150mm Balde Only



**11-049**  
**SPARE BULB**  
 For  
 Laryngoscope



**11-050**  
 Handle Only  
 For  
 Laryngoscope  
 Cold Light  
 Handle



**11-044**  
**MCINTOSH** Laryngoscope  
 Complete Set Of 3 Blades  
 In Black Rexen Pouch

**11-045**  
**MCINTOSH** Laryngoscope  
 Complete Set Of 4 Blades  
 In Black Rexen Pouch

**11-046**  
**MCINTOSH** Laryngoscope  
 Complete Set Of 5 Blades  
 In Black Rexen Pouch



**11-061**  
**WOODEN**  
16cm



**11-062**  
**Double Bend**  
14.5cm



**11-063**  
**KROENIG**  
15cm



**11-064**  
**MAYO**  
17cm



**11-065**  
**BRUENING**  
19cm



**11-066**  
**FRENZEL**  
16.5cm



**11-067**  
**Fig. 1**  
14cm



**11-068**  
**Fig. 2**  
15cm

**WIEDER**



**11-071**  
**ANDREW**  
11cm



**11-072**  
**HARTMANN**  
15cm



**11-073**  
**TOBOLD**  
14.5cm



**11-074**  
**BOSWORTH**  
14.5cm



**11-075**  
**BUCHWARD**  
18cm



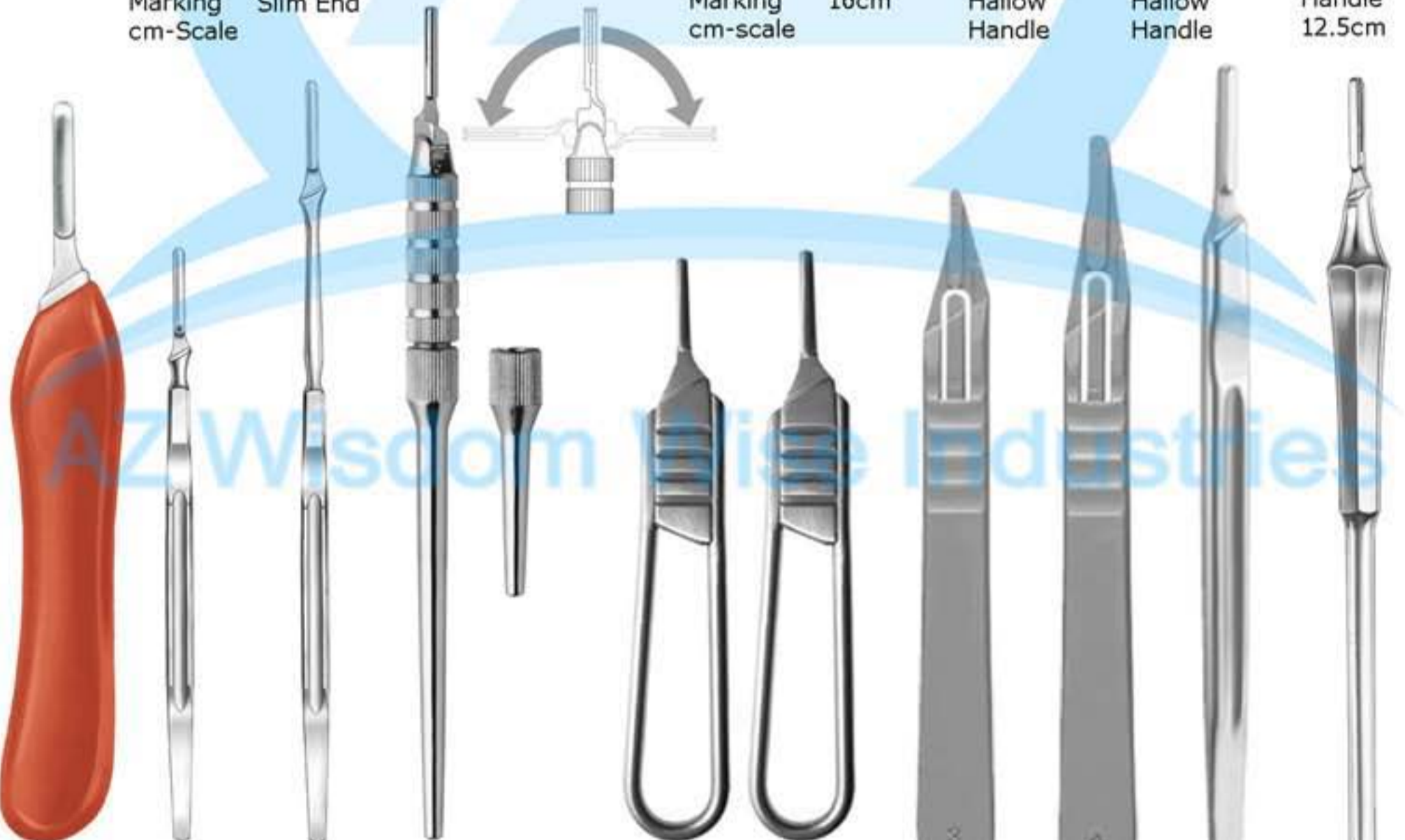
Skalpelle und Messer  
Scalpels, Knives  
Bistouris, Couteaux  
Bisturías, Cuchillos  
Bisturi, Coltelli

**12**  
24 - 35





**12-001** No. 3 12cm  
**12-002** No. 3 12cm With Marking cm-Scale  
**12-003** No. 3 Shape as No. 4 Slim End  
**12-004** No. 4 13.5cm  
**12-005** No. 4 13.5cm Slim End  
**12-006** No. 4 13.5cm With Marking cm-scale  
**12-007** No. 3 & 4 Double Ended 16cm  
**12-008** No. 8 Collin 13.5cm Hallow Handle  
**12-009** No. 9 Collin 14cm Hallow Handle  
**12-010** No. 3 Black Plastic Handle 12.5cm



**12-011** No. 4 Red Plastic Handle 13.5cm  
**12-012** No. 7K Solid Short  
**12-013** No. 7 Solid 16cm  
**12-014** Swivel Head 15.5cm  
**12-015** No. 3 Folding Handle  
**12-016** No. 4 Folding Handle  
**12-017** No. 3 Plastic  
**12-018** No. 4 Plastic  
**12-019** No. 9 Solid  
**12-020** No. 3 Round Hollow 15.5cm



**12-021** No. 3 Round Straight 14cm  
**12-022** No. 4 Round Straight 14.5cm  
**12-023** No. 3 Round Angled 14cm  
**12-024** No. 4 Round Angled 14.5cm  
**12-025** Fig. 3R SIEGEL Round 15.2cm Serrated  
**12-026** Fig. 3 RG SIEGEL Round 15.2cm Serrated  
**12-027** No. 3 Round Straight 16cm  
**12-028** No. 4 Round Straight 14.5cm  
**12-029** No. 3 SIEGEL Round Straight 16cm  
**12-030** No. 4 SIEGEL Round Straight 16.5cm  
**12-031** No. 4 With Special Flower Shape



**12-032** (Mediholder) Nail Splitter 12.5cm  
**12-033** (Mediholder) Nail Splitter 15cm  
**12-034** (Mediholder) Nail Splitter 10cm  
**12-035** (Mediholder) Nail Splitter 10cm  
**12-036** (Mediholder) Nail Splitter 13cm  
**12-037** (Mediholder) Nail Splitter 15cm  
**12-038** (Mediholder) Nail Splitter 15cm  
**12-039** (Mediholder) Nail Splitter 13.5cm  
**12-040** (Mediholder) Nail Splitter 13cm  
**12-041** No. 3 OR Handle 14.5cm



**12-051**  
 No. 3L  
 21.5cm  
 Solid  
 Long  
 Straight

**12-052**  
 No. 3LA  
 21.5cm  
 Solid  
 Long  
 Angled

**12-053**  
 No. 4L  
 20.5cm  
 Solid  
 Long  
 Straight

**12-054**  
 No. 4LA  
 20.5cm  
 Solid  
 Long  
 Angled

**12-055**  
 No. 45  
 22.5cm  
 Solid  
 Long  
 Straight

**12-056**  
 No. 45  
 20.5cm  
 Solid  
 Long  
 Straight

**12-058**  
 No. 3  
 27cm  
 Solid  
 Long  
 Straight

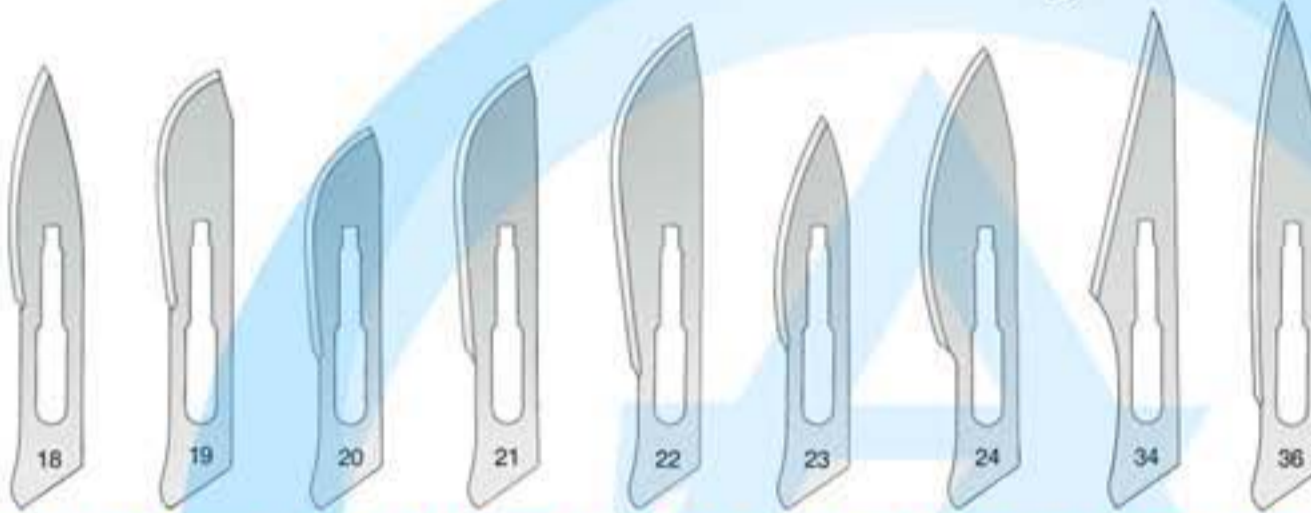
**12-059**  
 No. 3  
 21cm  
 Solid  
 Long  
 Double  
 Bend



The Blades On This Page  
 Are Non Sterile

Package Of 100 Pieces

**12-061 12-062 12-063 12-064 12-065 12-066 12-067 12-068 12-069**  
 Fig. 10 Fig. 11 Fig. 12 Fig. 13 Fig. 15 Fig. 16 Fig. 17 Fig. 12d Fig. 15c  
 Double  
 Cutting  
 Edge



**12-070 12-071 12-072 12-073 12-074 12-075 12-076 12-077 12-078**  
 Fig. 18 Fig. 19 Fig. 20 Fig. 21 Fig. 22 Fig. 23 Fig. 24 Fig. 34 Fig. 36



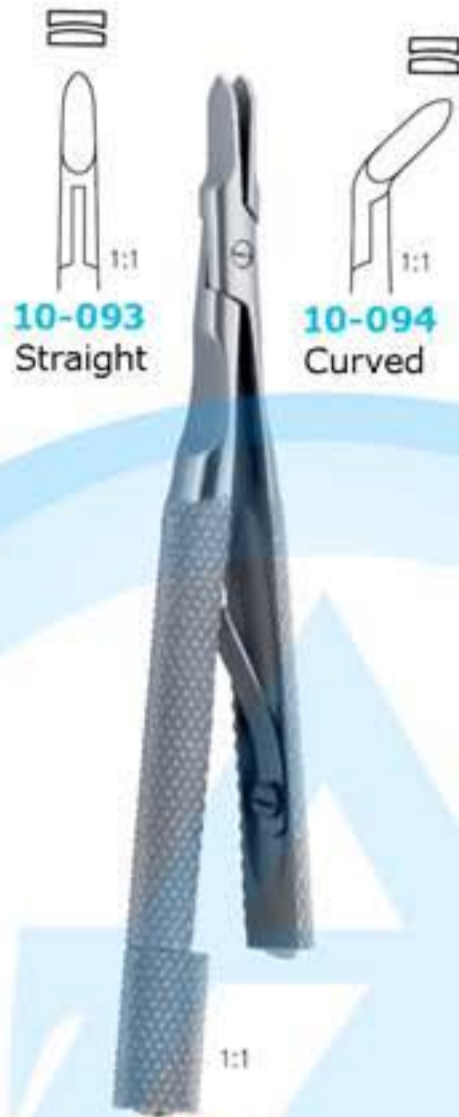
**12-081  
 BLADE  
 REMOVER**



**12-082  
 BLADE  
 REMOVER**  
 Forceps 16cm



**12-091** = 8mm  
**12-092** = 10mm  
**CASTROVIEJO**  
 13cm  
 Handle  
 Diameter  
 8mm & 10mm



**10-093**  
 Straight

**10-094**  
 Curved

**12-093**  
**TROUTMAN CHRIS**  
 10cm  
 Handle  
 Diameter  
 5.5mm  
 Angled



**12-094**  
**BARRAQUER**  
 11.5cm

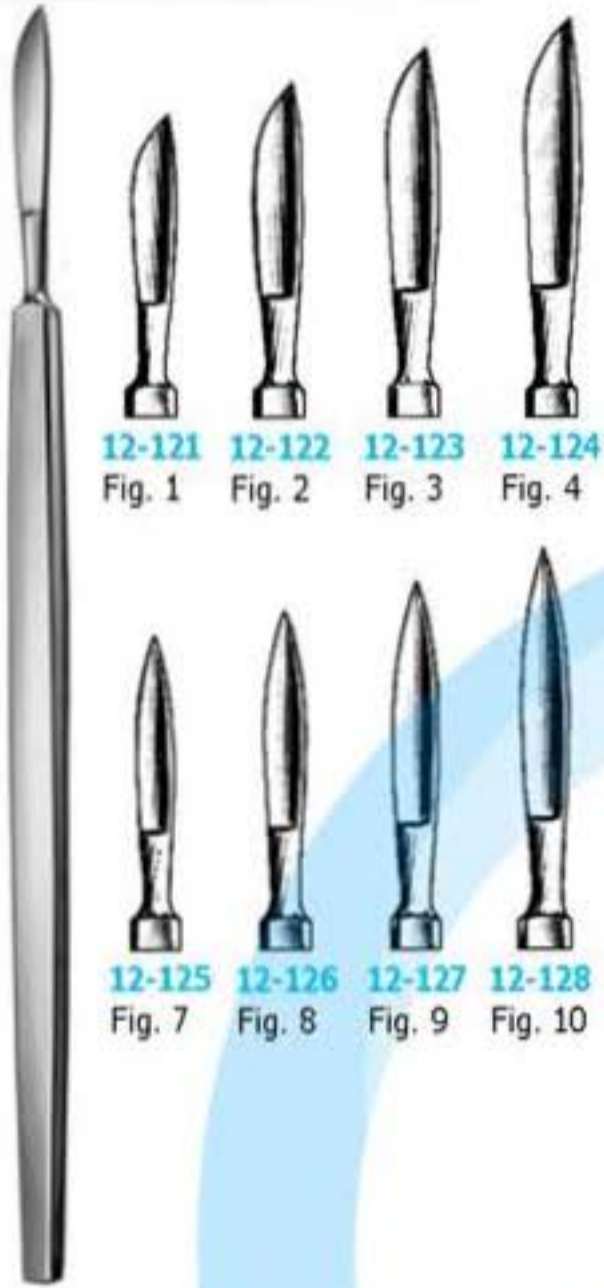
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**12-095**  
**RAZOR KNIFE**  
 8cm Blade



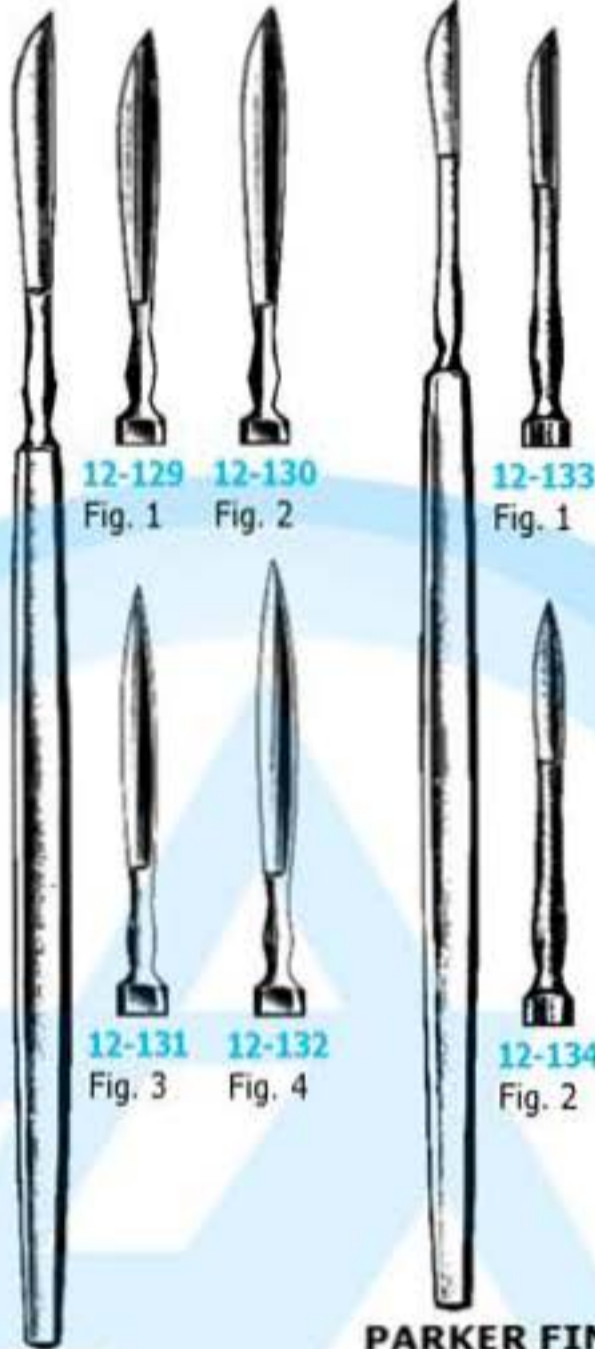
AZ Wisdom Wise Industries



12-121 Fig. 1 12-122 Fig. 2 12-123 Fig. 3 12-124 Fig. 4

12-125 Fig. 7 12-126 Fig. 8 12-127 Fig. 9 12-128 Fig. 10

**SCALPEL FINE**  
13cm

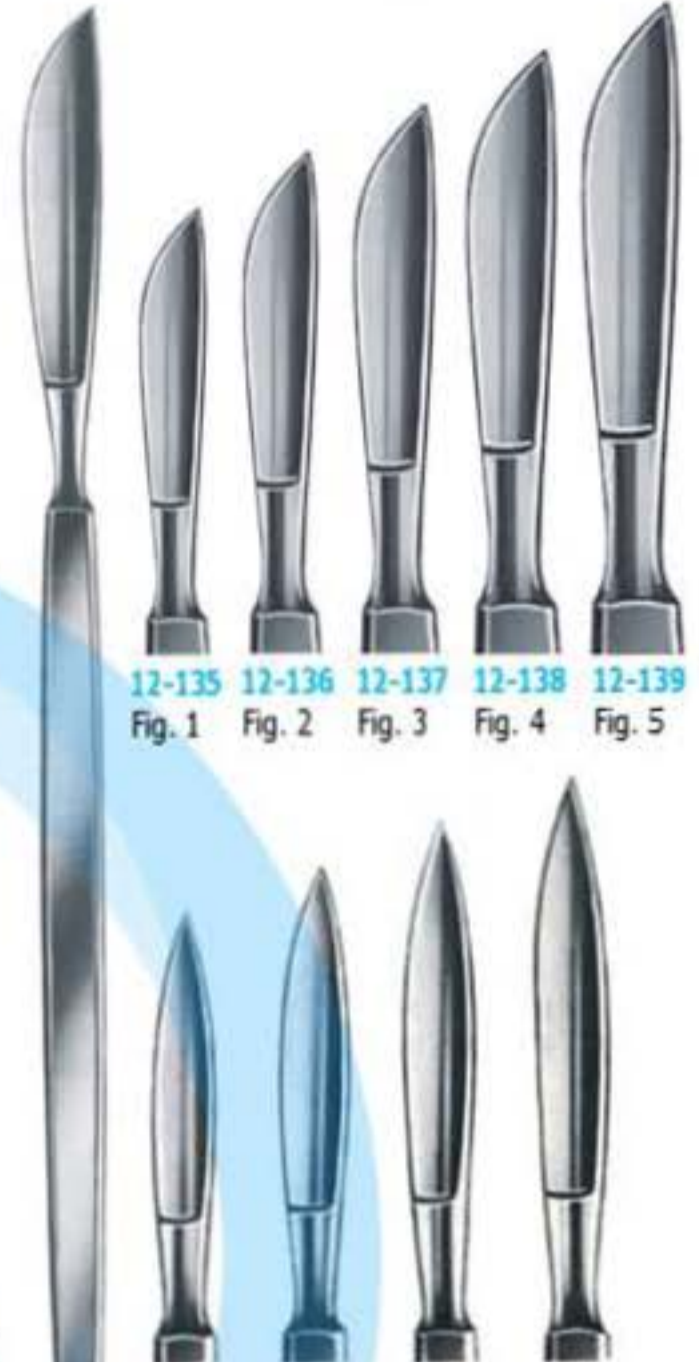


12-129 Fig. 1 12-130 Fig. 2 12-133 Fig. 1

12-131 Fig. 3 12-132 Fig. 4 12-134 Fig. 2

**ADAMS FINE**  
15cm

**PARKER FINE**  
14cm



12-135 Fig. 1 12-136 Fig. 2 12-137 Fig. 3 12-138 Fig. 4 12-139 Fig. 5

12-140 Fig. 6 12-141 Fig. 7 12-142 Fig. 8 12-143 Fig. 9

**DIEFFENBACH**  
16cm



12-144 Fig. 1 12-145 Fig. 2 12-146 Fig. 3

**SCALPEL**  
13.5cm



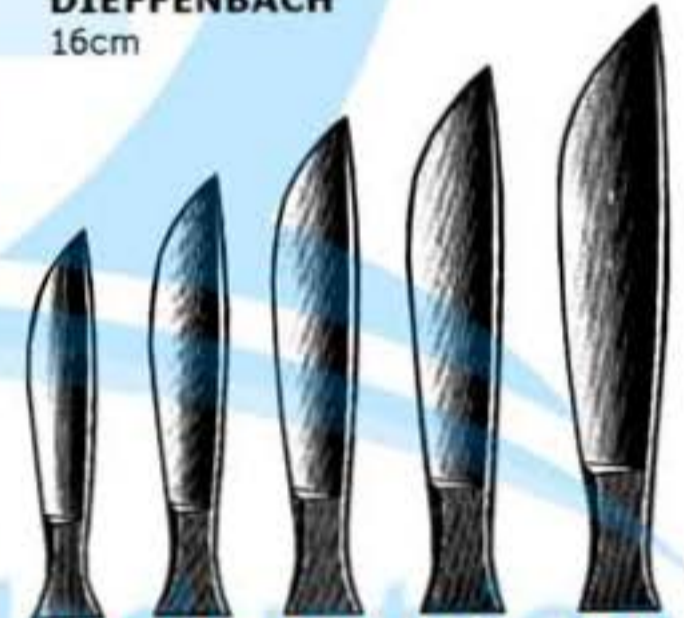
12-149 Fig. 1 12-150 Fig. 2

12-151 Fig. 3 12-152 Fig. 4

**BERGMANN**  
14cm



**ANATOMISCHES** 16cm



12-153 Fig. 1 12-154 Fig. 2 12-155 Fig. 3 12-156 Fig. 4 12-157 Fig. 5



12-158 Fig. 6 12-159 Fig. 7 12-160 Fig. 8 12-161 Fig. 9 12-162 Fig. 10







**12-190**  
**THIERSCH**  
 20cm

**12-192**  
**SCHINK**  
 30cm  
 Complete With  
 1 Blade And 2 Plates

**12-193**  
**SPARE**  
**BLADE**

**12-194**  
**SKIN FIXING**  
**PLATE**

**12-196**  
**SILVER**  
 19cm

**12-198**  
**HUMBY** 31cm  
 Complete With  
 1 Blade

**12-200**  
 Spare Blade  
 For **12-198**  
 And For  
**12-202**  
 Packages Of  
 10 Pieces

**12-202**  
**WATSON** 30cm  
 Complete With  
 1 Blade,  
 Fixed Bar

AZ Wisdom Wise Industries



**12-204 VIRCHOW**  
Autopsy Knives  
25.5cm  
Blade = 12cm  
Wooden Handle

**12-206 VIRCHOW**  
Autopsy Knives  
25.5cm  
Blade = 8cm  
Wooden Handle

**WALB**  
Post Mortem Knives  
With Wooden Handle  
**12-208**  
26cm Blade = 11cm  
**12-210**  
29cm Blade = 14cm  
**12-212**  
31cm Blade = 17cm

**VIRCHOW**  
Brain Knives  
With Metal Handle  
**12-214**  
26cm Blade = 16cm  
**12-216**  
33.5cm Blade = 20cm  
**12-218**  
38cm Blade = 24cm

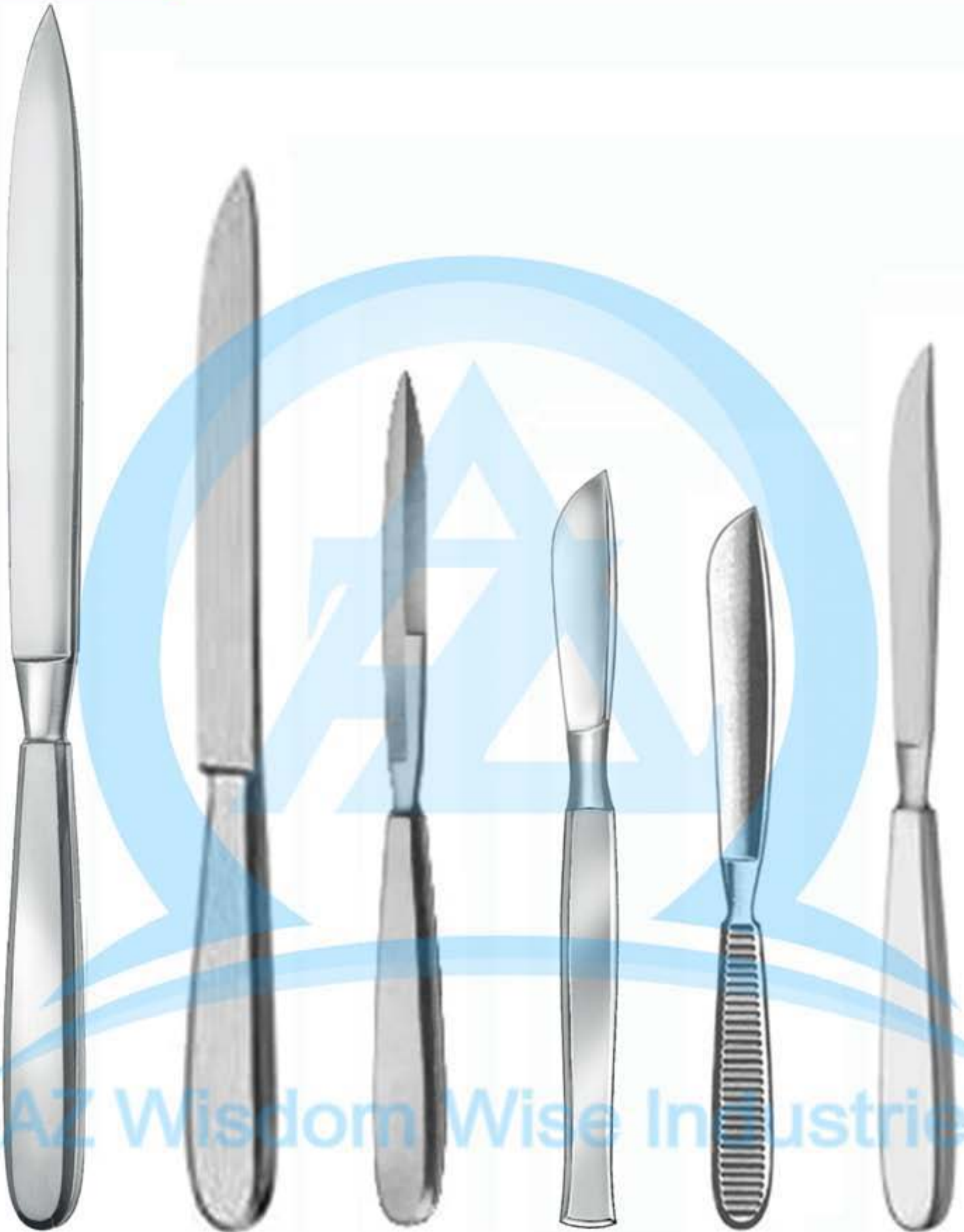
**COLLIN**  
Double Cutting  
Edge 26cm  
**12-220**  
Blade = 13cm  
**12-222**  
Blade = 16cm  
**12-224**  
Blade = 19cm  
**12-226**  
Blade = 22cm

**CATLIN**  
Double Cutting  
Edge  
**12-228**  
22cm Blade = 16cm  
**12-230**  
25cm Blade = 19cm  
**12-232**  
29cm Blade = 22cm

**LANGENBECK**  
Flap Knife  
**12-234**  
26cm  
Blade = 12cm

**LANGENBECK**  
Resection  
Knife Fig. 1  
**12-236**  
18cm  
Blade = 5.5cm  
With Hollow  
Handle

**LANGENBECK**  
Resection  
Knife Fig.2  
**12-238**  
18cm  
Blade = 5.5cm  
With Hollow  
Handle



**LISTON**  
**12-240**  
 26cm Blade = 13cm  
**12-242**  
 29cm Blade = 16cm  
**12-244**  
 32cm Blade = 19cm  
**12-246**  
 35cm Blade = 22cm  
 With Hollow Handle

**COLLIN**  
**12-248**  
 27cm Blade = 15cm  
**12-250**  
 36cm Blade = 22cm  
 With Hollow Handle

**INTEROSSEOUS KNIFE**  
 Double Cutting Edge  
**12-252**  
 23cm Blade = 11cm  
 With Hollow Handle

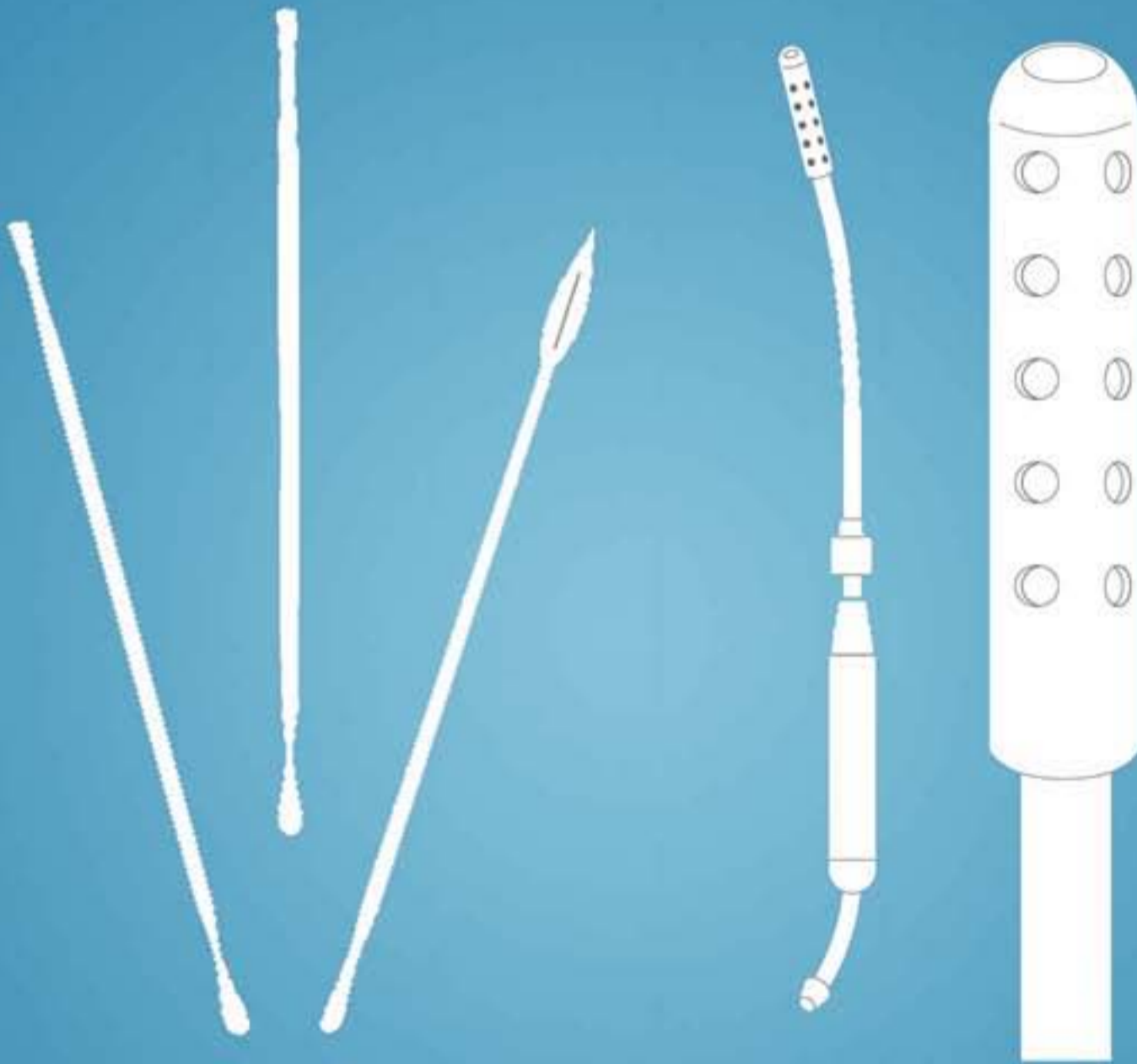
**12-254 RESECTION KNIFE** Solid  
 19cm  
 Solid Handle  
 With Dissecting End

**12-256 VIRCHOW**  
 Knife  
 27cm

**LISTON PHALANGEAL KNIFE**  
**12-258**  
 24cm  
 Blade = 10.5cm  
 With Hollow Handle

Aspiration, Sonden, Trokare, Sauger, Kanülen  
Aspiration, Probes, Trocars, Suction Tubes, Cannulas  
Aspiration, Sondes, Trócares, Tubos de Aspiración, Cánulas  
Aspiración, Sondas, Trocarts, Tubes d'aspiration, Canules  
Aspirazione, Sonde, Trequarti, Tubi d'aspirazione, Cannule

**13**  
**36 - 42**





1:1



**13-001**  
**UNIVERSAL TROCAR**  
**COMPLETE SET**



**13-002**  
 Fig. 1  
 6mm Ø



**13-003**  
 Fig. 2  
 4.5mm Ø



**13-004**  
 Fig. 3  
 3mm Ø



**13-005**  
 Fig. 4  
 1.75mm Ø



1:2

**13-006**  
**UCKERMANN**  
 13cm



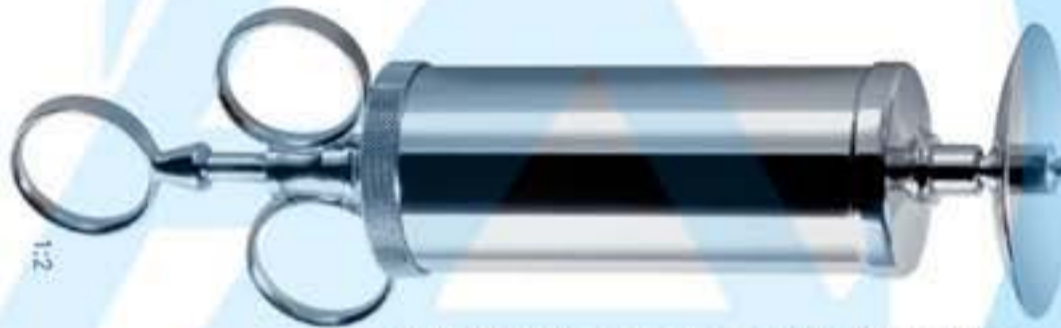
1:2

**SINUS**  
 17cm

**13-007**  
 Fig. 1  
 3.5mm Ø

**13-008**  
 Fig. 2  
 5mm Ø

**13-009**  
 Fig. 3  
 5mm Ø



**SYRINGE** Complete With 2 Nozzles



1:2

**13-027** = 50ccm = 2oz



1:2

**13-028** = 100ccm = 4oz



1:2

**LICHTWITZ**  
 19cm  
**13-010**  
 1.5mmØ  
**13-011**  
 1.8mmØ  
**13-012**  
 2mmØ



**OCHSNER** 10cm  
**13-013** = 12Fr.  
**13-014** = 14Fr.  
**13-015** = 16Fr.  
**13-016** = 18Fr.  
**13-017** = 20Fr.  
**13-018** = 22Fr.



1:2

**NETSON**  
 21cm



**13-019**  
 Fig. 1  
 6mm Ø



**13-020**  
 Fig. 2  
 8.3mm Ø



**13-021**  
 Fig. 3  
 9.5mm Ø



**13-022**  
 Fig. 4  
 11.6mm Ø



1:2

**LANDAU**  
 16cm  
**13-023**  
 2mm Ø



**PIERCE** 17cm  
**13-024** = 3mm Ø  
**13-025** = 4mm Ø  
**13-026** = 5mm Ø





**KRAUSE**  
 15cm  
**13-031**  
 5.5mm Ø



**COAKLEY**  
 16cm  
**13-033**  
 2.25mm Ø



**STANDARD TROCAR**  
**13-035** = 3mm Ø  
**13-036** = 3.5mm Ø  
**13-037** = 4mm Ø  
**13-038** = 4.5mm Ø  
**13-039** = 5mm Ø  
**13-040** = 5.5mm Ø  
**13-041** = 6mm Ø



**STANDARD TROCAR**  
**13-043** = 3mm Ø  
**13-044** = 3.5mm Ø  
**13-045** = 4mm Ø  
**13-046** = 4.5mm Ø  
**13-047** = 5mm Ø  
**13-048** = 5.5mm Ø  
**13-049** = 6mm Ø



**PIERCE TROCAR**  
**13-051** = 3mm Ø  
**13-052** = 4mm Ø  
**13-053** = 5mm Ø



**FLEURANT TROCAR**  
**13-055** = 5mm Ø  
 23cm



**COOLEY**  
 35cm  
**13-057**  
 8mm Ø



**COOLEY**  
 31cm  
**13-058**  
 10mm Ø



**COOLEY**  
 30cm  
**13-059**  
 6mm Ø



**COOLEY**  
 33cm  
**13-060**  
 8mm Ø



**POOLE - Cvd**  
 22cm  
 30Fr  
**13-062**  
 10mm Ø



**POOLE**  
 22cm  
 23Fr  
**13-064**  
 8mm Ø



**13-066**  
**ANDREWS**  
**PYNCHON**  
 23.5cm



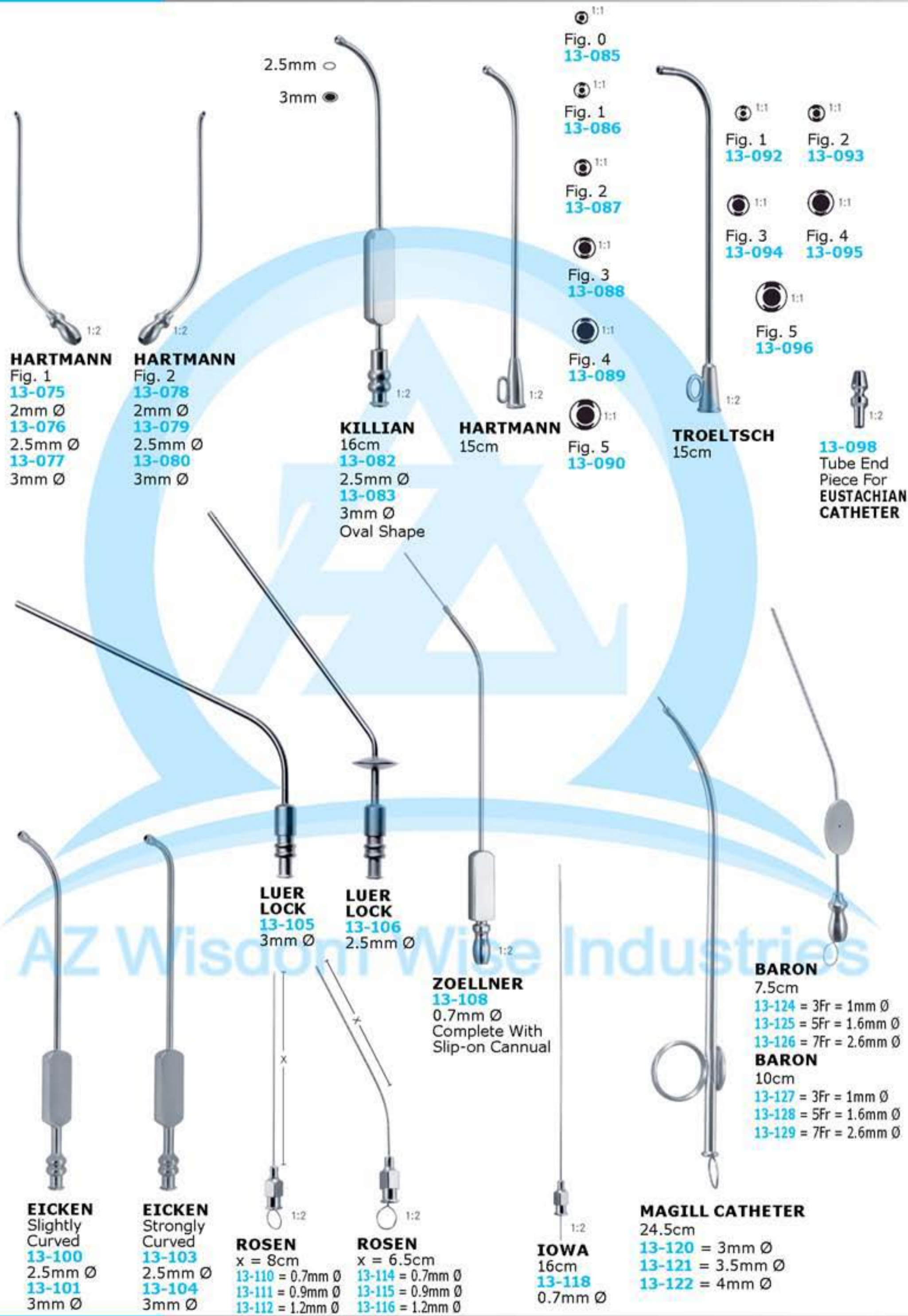
**13-068**  
**DEBAKEY**  
 27.5cm



**13-070**  
**YANKAUER**  
 27cm

**13-071**

**13-072**



**HARTMANN**  
 Fig. 1  
 13-075  
 2mm Ø  
 13-076  
 2.5mm Ø  
 13-077  
 3mm Ø

**HARTMANN**  
 Fig. 2  
 13-078  
 2mm Ø  
 13-079  
 2.5mm Ø  
 13-080  
 3mm Ø

**KILLIAN**  
 16cm  
 13-082  
 2.5mm Ø  
 13-083  
 3mm Ø  
 Oval Shape

**HARTMANN**  
 15cm

**TROELTSCH**  
 15cm

**13-098**  
 Tube End  
 Piece For  
 EUSTACHIAN  
 CATHETER

**LUER LOCK**  
 13-105  
 3mm Ø

**LUER LOCK**  
 13-106  
 2.5mm Ø

**ZOELLNER**  
 13-108  
 0.7mm Ø  
 Complete With  
 Slip-on Cannula

**BARON**  
 7.5cm  
 13-124 = 3Fr = 1mm Ø  
 13-125 = 5Fr = 1.6mm Ø  
 13-126 = 7Fr = 2.6mm Ø

**BARON**  
 10cm  
 13-127 = 3Fr = 1mm Ø  
 13-128 = 5Fr = 1.6mm Ø  
 13-129 = 7Fr = 2.6mm Ø

**EICKEN**  
 Slightly  
 Curved  
 13-100  
 2.5mm Ø  
 13-101  
 3mm Ø

**EICKEN**  
 Strongly  
 Curved  
 13-103  
 2.5mm Ø  
 13-104  
 3mm Ø

**ROSEN**  
 x = 8cm  
 13-110 = 0.7mm Ø  
 13-111 = 0.9mm Ø  
 13-112 = 1.2mm Ø

**ROSEN**  
 x = 6.5cm  
 13-114 = 0.7mm Ø  
 13-115 = 0.9mm Ø  
 13-116 = 1.2mm Ø

**IOWA**  
 16cm  
 13-118  
 0.7mm Ø

**MAGILL CATHETER**  
 24.5cm  
 13-120 = 3mm Ø  
 13-121 = 3.5mm Ø  
 13-122 = 4mm Ø

Fig. 0 13-085  
 Fig. 1 13-086  
 Fig. 2 13-087  
 Fig. 3 13-088  
 Fig. 4 13-089  
 Fig. 5 13-090

Fig. 1 13-092  
 Fig. 2 13-093  
 Fig. 3 13-094  
 Fig. 4 13-095  
 Fig. 5 13-096

2.5mm Ø  
 3mm Ø



- 13-130 = 6Fr = 2mm Ø
- 13-131 = 7Fr = 2.3mm Ø
- 13-132 = 8Fr = 2.6mm Ø
- 13-133 = 9Fr = 3mm Ø
- 13-134 = 10Fr = 3.3mm Ø
- 13-135 = 12Fr = 4mm Ø
- 13-136 = 15Fr = 5mm Ø

**FERGUSON**  
17cm

- 13-140 = 6Fr = 2mm Ø
- 13-141 = 7Fr = 2.3mm Ø
- 13-142 = 8Fr = 2.6mm Ø
- 13-143 = 9Fr = 3mm Ø
- 13-144 = 10Fr = 3.3mm Ø
- 13-145 = 11Fr = 3.6mm Ø
- 13-146 = 12Fr = 4mm Ø
- 13-147 = 15Fr = 5mm Ø

- 13-150 = 6Fr = 2mm Ø
- 13-151 = 7Fr = 2.3mm Ø
- 13-152 = 8Fr = 2.6mm Ø
- 13-153 = 9Fr = 3mm Ø
- 13-154 = 10Fr = 3.3mm Ø
- 13-155 = 12Fr = 4mm Ø
- 13-156 = 15Fr = 5mm Ø

**PLESTE**  
17cm

**FRAZIER**  
17cm



**ADSON**  
21cm

- 13-160 = 12Fr = 4mm Ø
- 13-161 = 15Fr = 5mm Ø



**13-163 SUCTION RASPATORY**  
Malleable, sharp  
20cm



**PRAVAZ (LUER-LOCK)**

- 13-170 = Fig. 1 = 0.90x38mm Ø
  - 13-171 = Fig. 2 = 0.80x32mm Ø
  - 13-172 = Fig. 12 = 0.70x32mm Ø
  - 13-173 = Fig. 14 = 0.65x28mm Ø
  - 13-174 = Fig. 16 = 0.60x25mm Ø
  - 13-175 = Fig. 18 = 0.50x23mm Ø
  - 13-176 = Fig. 20 = 0.45x20mm Ø
- Package Of 12 Pieces

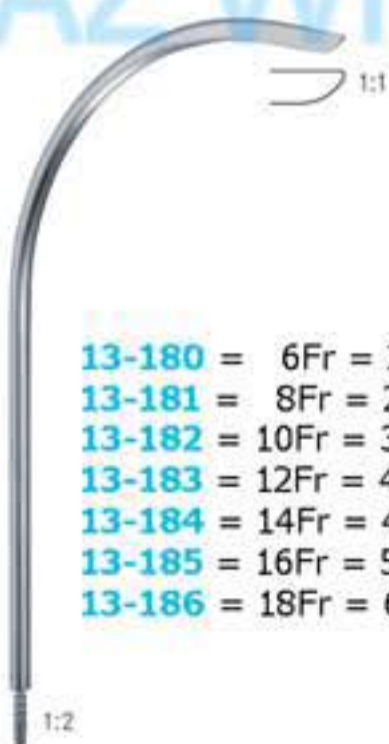


AZ Wisdom Wise Industries

- 13-180 = 6Fr = 2mm Ø
- 13-181 = 8Fr = 2.6mm Ø
- 13-182 = 10Fr = 3.3mm Ø
- 13-183 = 12Fr = 4mm Ø
- 13-184 = 14Fr = 4.6mm Ø
- 13-185 = 16Fr = 5.3mm Ø
- 13-186 = 18Fr = 6mm Ø

- 13-190 = 8Fr = 2.6mm Ø
- 13-191 = 10Fr = 3.3mm Ø
- 13-192 = 12Fr = 4mm Ø
- 13-193 = 14Fr = 4.6mm Ø
- 13-194 = 16Fr = 5.3mm Ø
- 13-195 = 18Fr = 6mm Ø

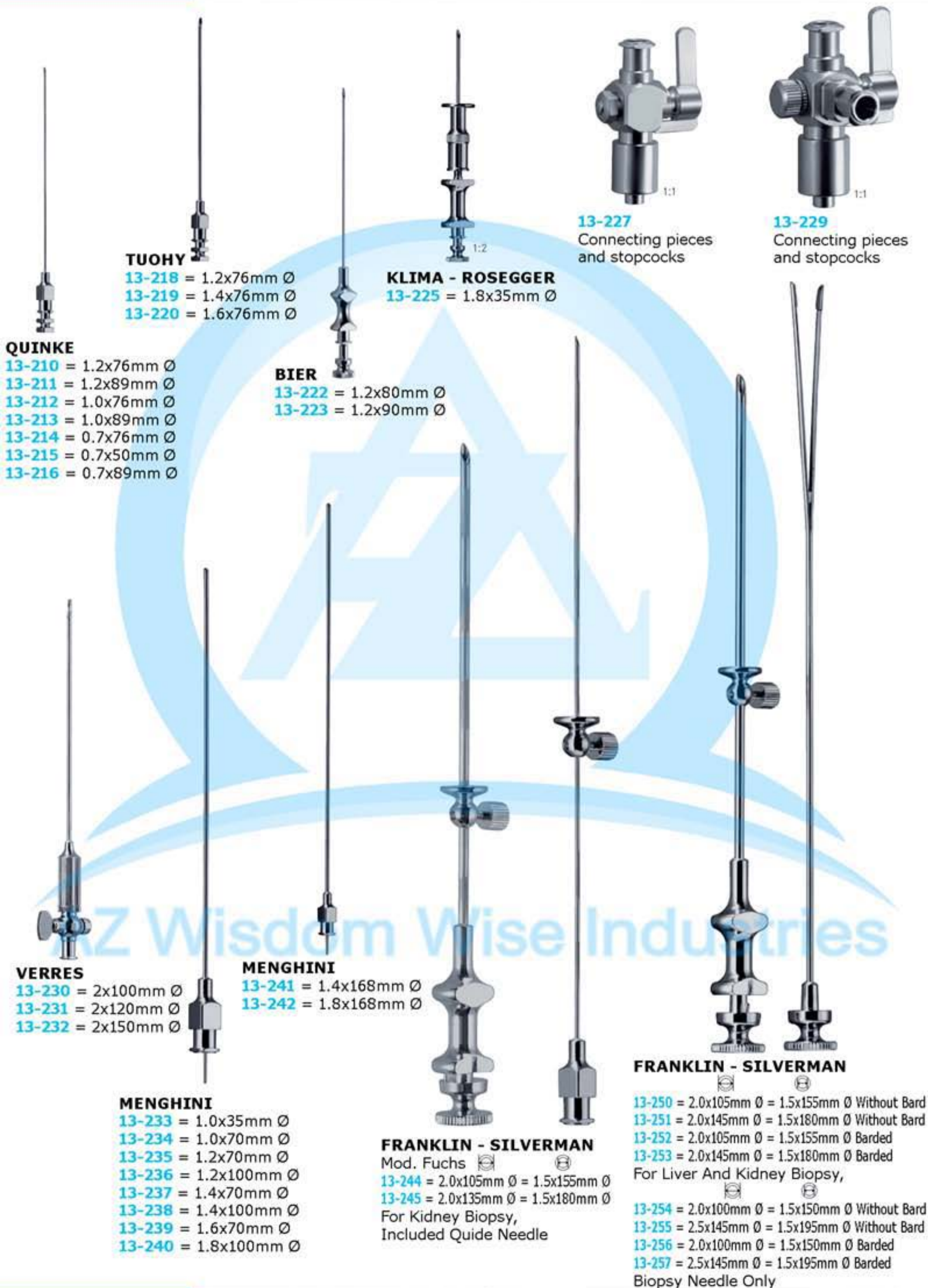
- 13-200 = 8Fr = 2.6mm Ø
- 13-201 = 10Fr = 3.3mm Ø
- 13-202 = 12Fr = 4mm Ø
- 13-203 = 14Fr = 4.6mm Ø
- 13-204 = 16Fr = 5.3mm Ø
- 13-205 = 18Fr = 6mm Ø



GUIDE NEEDLES 19.5cm

GUIDE NEEDLES 19.5cm

GUIDE NEEDLES 19.5cm (LANCET TIP)



**TUOHY**  
 13-218 = 1.2x76mm Ø  
 13-219 = 1.4x76mm Ø  
 13-220 = 1.6x76mm Ø

**QUINKE**  
 13-210 = 1.2x76mm Ø  
 13-211 = 1.2x89mm Ø  
 13-212 = 1.0x76mm Ø  
 13-213 = 1.0x89mm Ø  
 13-214 = 0.7x76mm Ø  
 13-215 = 0.7x50mm Ø  
 13-216 = 0.7x89mm Ø

**BIER**  
 13-222 = 1.2x80mm Ø  
 13-223 = 1.2x90mm Ø

**KLIMA - ROSEGER**  
 13-225 = 1.8x35mm Ø

**13-227**  
 Connecting pieces and stopcocks

**13-229**  
 Connecting pieces and stopcocks

**VERRES**  
 13-230 = 2x100mm Ø  
 13-231 = 2x120mm Ø  
 13-232 = 2x150mm Ø

**MENGHINI**  
 13-241 = 1.4x168mm Ø  
 13-242 = 1.8x168mm Ø

**MENGHINI**  
 13-233 = 1.0x35mm Ø  
 13-234 = 1.0x70mm Ø  
 13-235 = 1.2x70mm Ø  
 13-236 = 1.2x100mm Ø  
 13-237 = 1.4x70mm Ø  
 13-238 = 1.4x100mm Ø  
 13-239 = 1.6x70mm Ø  
 13-240 = 1.8x100mm Ø

**FRANKLIN - SILVERMAN**  
 Mod. Fuchs  
 13-244 = 2.0x105mm Ø = 1.5x155mm Ø  
 13-245 = 2.0x135mm Ø = 1.5x180mm Ø  
 For Kidney Biopsy, Included Guide Needle

**FRANKLIN - SILVERMAN**  
 13-250 = 2.0x105mm Ø = 1.5x155mm Ø Without Bard  
 13-251 = 2.0x145mm Ø = 1.5x180mm Ø Without Bard  
 13-252 = 2.0x105mm Ø = 1.5x155mm Ø Barded  
 13-253 = 2.0x145mm Ø = 1.5x180mm Ø Barded  
 For Liver And Kidney Biopsy,  
 13-254 = 2.0x100mm Ø = 1.5x150mm Ø Without Bard  
 13-255 = 2.5x145mm Ø = 1.5x195mm Ø Without Bard  
 13-256 = 2.0x100mm Ø = 1.5x150mm Ø Barded  
 13-257 = 2.5x145mm Ø = 1.5x195mm Ø Barded  
 Biopsy Needle Only

**EYELET PROBE**

Double Ended  
 2mmØ  
 13-290 = 11.5cm  
 13-291 = 13cm  
 13-292 = 14.5cm  
 13-293 = 16cm  
 13-294 = 18cm  
 13-295 = 20cm  
 13-296 = 25cm

**MYRTLE SHAPE**

Probe Double Ended  
 2mmØ  
 13-300 = 11.5cm  
 13-301 = 13cm  
 13-302 = 14.5cm  
 13-303 = 16cm

**DIRECTOR BUTTERFLY**

13-305 = 11.5cm  
 13-306 = 13cm  
 13-307 = 14.5cm  
 13-308 = 15cm  
 13-309 = 16cm  
 13-310 = 18cm  
 13-311 = 20cm

**BUTTERFLY**

With Probe  
 13-313 = 11.5cm  
 13-314 = 13cm  
 13-315 = 14.5cm  
 13-316 = 15cm  
 13-317 = 16cm  
 13-318 = 18cm  
 13-319 = 20cm

**DOYEN BUTTERFLY**

Probe Cvd  
 13-321  
 14cm

**MELATON BUTTERFLY**

Probe  
 13-323  
 16cm

**PROBE Double Ended**

1mmØ / 1.5mmØ / 2mmØ  
 13-260 / 13-270 / 13-280 = 11.5cm  
 13-261 / 13-271 / 13-281 = 13cm  
 13-262 / 13-272 / 13-282 = 14.5cm  
 13-263 / 13-273 / 13-283 = 16cm  
 13-264 / 13-274 / 13-284 = 18cm  
 13-265 / 13-275 / 13-285 = 20cm  
 13-266 / 13-276 / 13-286 = 25cm

1.2mmØ / 1.5mmØ / 1.5mmØ  
 13-324A / 13-330A / 13-336A  
 13-325A / 13-331A / 13-337A  
 13-326A / 13-332A / 13-338A  
 13-327A / 13-333A / 13-339A  
 13-328A / 13-334A / 13-340A

**MODEL MARTIN**

12cm  
 14cm  
 16cm  
 18cm  
 23cm

**JOPSON HORNE**

13-341  
 18cm

**PELTESON**

13-343  
 23cm

**FEIN**

13-345  
 28cm

**COTTON APPLICATOR**  
 13-347  
 28cm  
 2.5mmØ

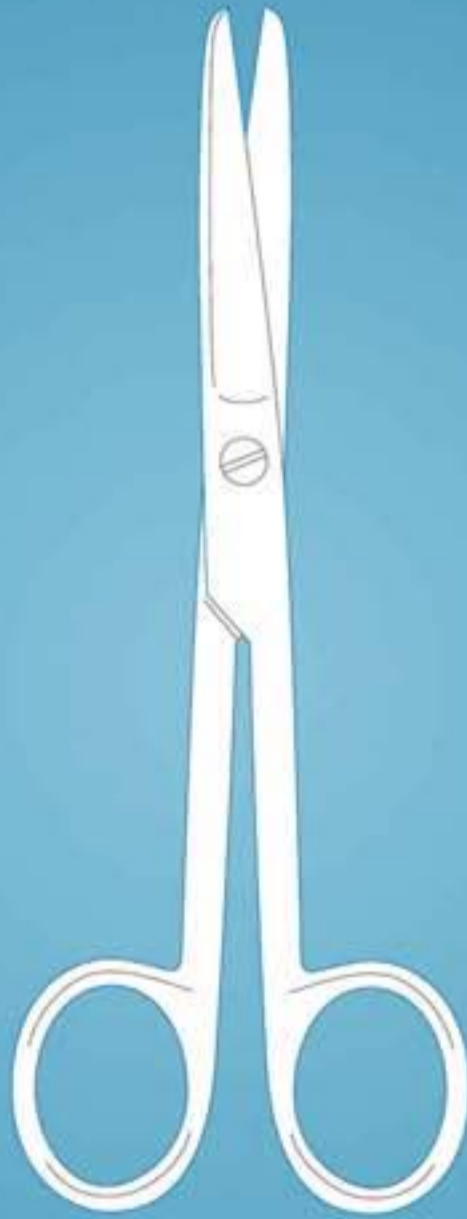
**COTTON APPLICATOR**  
 13-349  
 28cm  
 2.5mmØ

13-324 / 13-330 / 13-336 = 120mm = 0.9 mm Ø  
 13-325 / 13-331 / 13-337 = 140mm = 0.9 mm Ø  
 13-326 / 13-332 / 13-338 = 165mm = 1.1 mm Ø  
 13-327 / 13-333 / 13-339 = 180mm = 1.2 mm Ø  
 13-328 / 13-334 / 13-340 = 230mm = 1.3 mm Ø

**FARRELL - LATHBURY - UEBE**

Scheren  
Scissors  
Tijeras  
Ciseaux  
Forbici

**14**  
**43 - 65**





- 14-001 = 10.5cm
- 14-002 = 11.5cm
- 14-003 = 13cm
- 14-004 = 14.5cm
- 14-005 = 15.5cm
- 14-006 = 16.5cm
- 14-007 = 17.5cm
- 14-008 = 18.5cm
- 14-009 = 20cm

**OPERATING** Scissors  
Standard Sharp/Blunt  
Straight



- 14-011 = 10.5cm
- 14-012 = 11.5cm
- 14-013 = 13cm
- 14-014 = 14.5cm
- 14-015 = 15.5cm
- 14-016 = 16.5cm
- 14-017 = 17.5cm
- 14-018 = 18.5cm
- 14-019 = 20cm

**OPERATING** Scissors  
Standard Sharp/Blunt  
Curved



- 14-021 = 10.5cm
- 14-022 = 11.5cm
- 14-023 = 13cm
- 14-024 = 14.5cm
- 14-025 = 15.5cm
- 14-026 = 16.5cm
- 14-027 = 17.5cm
- 14-028 = 18.5cm
- 14-029 = 20cm

**OPERATING** Scissors  
Standard Sharp/Sharp  
Straight



- 14-031 = 10.5cm
- 14-032 = 11.5cm
- 14-033 = 13cm
- 14-034 = 14.5cm
- 14-035 = 15.5cm
- 14-036 = 16.5cm
- 14-037 = 17.5cm
- 14-038 = 18.5cm
- 14-039 = 20cm

**OPERATING** Scissors  
Standard Sharp/Sharp  
Curved



- 14-041 = 10.5cm
- 14-042 = 11.5cm
- 14-043 = 13cm
- 14-044 = 14.5cm
- 14-045 = 15.5cm
- 14-046 = 16.5cm
- 14-047 = 17.5cm
- 14-048 = 18.5cm
- 14-049 = 20cm

**OPERATING** Scissors  
Standard Blunt/Blunt  
Straight



- 14-051 = 10.5cm
- 14-052 = 11.5cm
- 14-053 = 13cm
- 14-054 = 14.5cm
- 14-055 = 15.5cm
- 14-056 = 16.5cm
- 14-057 = 17.5cm
- 14-058 = 18.5cm
- 14-059 = 20cm

**OPERATING** Scissors  
Standard Blunt/Blunt  
Curved



**Straight**  
14-061 = 14.5cm  
14-062 = 15cm  
14-063 = 17cm  
14-064 = 20cm  
14-065 = 23cm

**Curved**  
14-066 = 14.5cm  
14-067 = 15cm  
14-068 = 17cm  
14-069 = 20cm  
14-070 = 23cm

**MAYO Scissors**



**Straight**  
14-071 = 15cm  
14-072 = 17cm  
14-073 = 19.5cm  
14-074 = 21cm

**Curved**  
14-075 = 15cm  
14-076 = 17cm  
14-077 = 19.5cm  
14-078 = 21cm

**MAYO STILLE Scissors**



**Straight**  
14-079

**Curved**  
14-080

**MAYO NOBLE Scissors 17cm**

**WERTHEIM Scissors**  
14-081 = 14.5cm  
14-082 = 22.5cm



**Straight**  
14-083

**Curved**  
14-084

**MAYO HARRINGTON Scissors 22cm**



**Curved Blunt/Blunt**  
14-085  
11.5cm  
14-086  
14.5cm

**Curved Sharp/Blunt**  
14-087  
11.5cm  
14-088  
14.5cm

**Curved Sharp/Sharp**  
14-089  
11.5cm  
14-090  
14.5cm

**METZENBAUM Scissors**



**Straight**  
14-091

**Curved**  
14-092

**METZENBAUM Scissors 15cm**



**Straight Blunt/Blunt**  
14-093  
11.5cm  
14-094  
14.5cm

**Straight Sharp/Blunt**  
14-095  
11.5cm  
14-096  
14.5cm

**Straight Sharp/Sharp**  
14-097  
11.5cm  
14-098  
14.5cm

**METZENBAUM Scissors**



- |  |  |  |
|--|--|--|
| Blunt/Blunt<br><b>14-100</b><br>14cm<br><b>14-101</b><br>18cm<br><b>14-102</b><br>20cm<br><b>14-103</b><br>23cm<br><b>14-104</b><br>25cm<br><b>14-105</b><br>28cm<br><b>14-106</b><br>30cm | Sharp/Blunt<br><b>14-107</b><br>14cm<br><b>14-108</b><br>18cm<br><b>14-109</b><br>20cm<br><b>14-110</b><br>23cm<br><b>14-111</b><br>25cm<br><b>14-112</b><br>28cm<br><b>14-113</b><br>30cm | Sharp/Sharp<br><b>14-114</b><br>14cm<br><b>14-115</b><br>18cm<br><b>14-116</b><br>20cm<br><b>14-117</b><br>23cm<br><b>14-118</b><br>25cm<br><b>14-119</b><br>28cm<br><b>14-120</b><br>30cm |
|--|--|--|

**METZENBAUM NELSON**  
Scissors Straight



- |  |  |  |
|--|--|--|
| Blunt/Blunt<br><b>14-121</b><br>14cm<br><b>14-121</b><br>18cm<br><b>14-122</b><br>20cm<br><b>14-123</b><br>23cm<br><b>14-124</b><br>25cm<br><b>14-125</b><br>28cm<br><b>14-126</b><br>30cm | Sharp/Blunt<br><b>14-127</b><br>14cm<br><b>14-128</b><br>18cm<br><b>14-129</b><br>20cm<br><b>14-130</b><br>23cm<br><b>14-131</b><br>25cm<br><b>14-132</b><br>28cm<br><b>14-133</b><br>30cm | Sharp/Sharp<br><b>14-134</b><br>14cm<br><b>14-135</b><br>18cm<br><b>14-136</b><br>20cm<br><b>14-137</b><br>23cm<br><b>14-138</b><br>25cm<br><b>14-139</b><br>28cm<br><b>14-140</b><br>30cm |
|--|--|--|

**METZENBAUM NELSON**  
Scissors Curved



**FOMON**  
**14-142**  
13.5cm



1:2  
Straight  
Blunt/Blunt  
**14-144**



1:2  
Straight  
Sharp/Sharp  
**14-145**



1:2  
Curved  
Blunt/Blunt  
**14-146**



1:2  
Straight  
Sharp/Sharp  
**14-147**



Straight  
**14-150**  
18cm  
**14-151**  
20cm  
**14-152**  
23cm

**METZENBAUM**  
Fino



Curved  
**14-153**  
18cm  
**14-154**  
20cm  
**14-155**  
23cm



S-Curved  
**14-156**  
18cm  
**14-157**  
20cm  
**14-158**  
23cm



**THOREK**  
**14-160**  
19cm



**GRAZIL** Straight



**GRAZIL** Curved



**MIXTER** 15.5cm



**DEEVER** 14.5cm



**LANGE** 14.5cm



**LEXER**



**RICHTER**  
**14-195**  
14cm



**FERGUSON**  
**14-196** = 14cm  
**14-197** = 16cm  
**14-198** = 18cm



**OPERATING** with Probe  
**14-199** = 13cm  
**14-200** = 14.5cm





**SIMS**



Fig. 1  
**14-201**  
20cm  
**14-202**  
23cm



Fig. 2  
**14-203**  
20cm  
**14-204**  
23cm



Fig. 3  
**14-205**  
20cm  
**14-206**  
23cm



Fig. 4  
**14-207**  
20cm  
**14-208**  
23cm



1:2  
Straight  
**14-209**



1:2  
Curved  
**14-210**



1:2  
**DOYEN**  
17cm



1:2  
Straight  
**14-211**



1:2  
Curved  
**14-212**

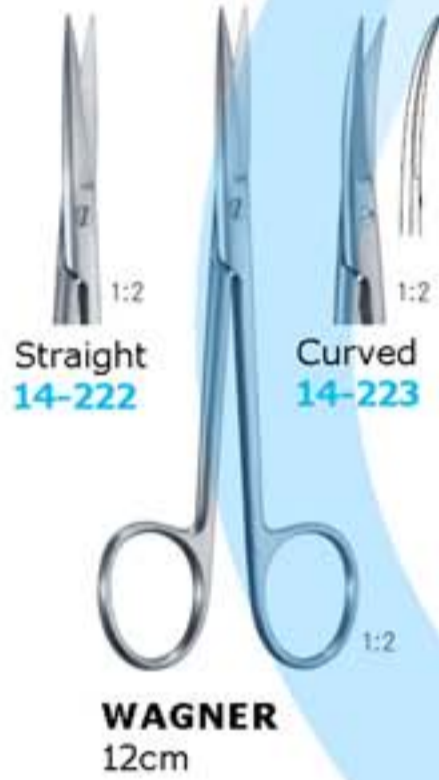
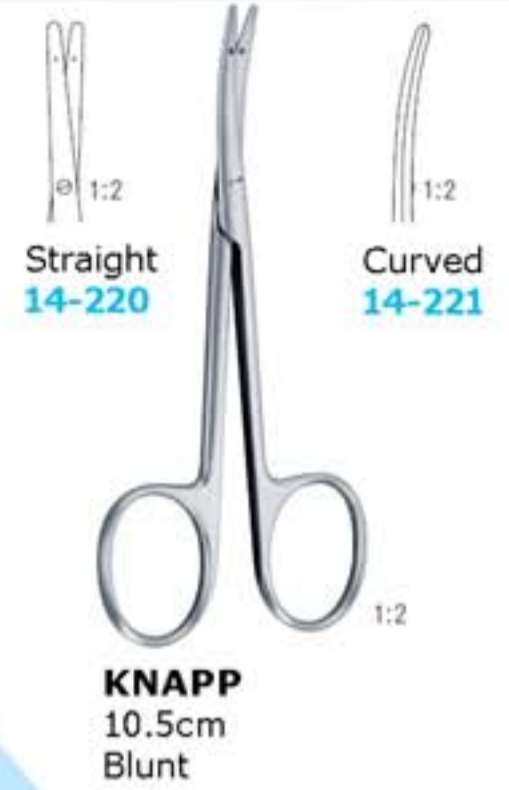


1:2  
**DUBIOS**  
27cm



1:2  
**SIEBOLD**  
**14-213**  
24cm  
S-Curved

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Straight  
14-237 = 9cm  
14-238 = 10.5cm  
14-239 = 11.5cm

Curved  
14-240 = 9cm  
14-241 = 10.5cm  
14-242 = 11.5cm





**LOCKLIN** 16cm  
**14-245**  
Straight Shanks  
One Blade  
Saw Edge



**LOCKLIN** 16cm  
**14-246**  
Curved Shanks  
One Blade  
Saw Edge



**QUIMBY** 12.5cm  
**14-247**  
Smooth  
**14-248**  
One Blade  
Saw Edge



**REYNOLDS** Straight  
**14-249** = 16cm  
**14-250** = 18cm



**REYNOLDS** Curved  
**14-251** = 16cm  
**14-252** = 18cm



Straight  
**14-254**



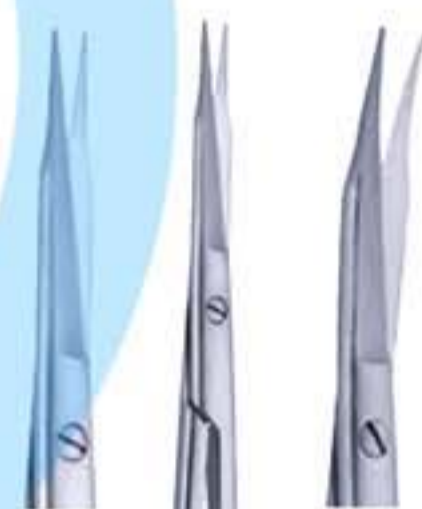
Curved  
**14-255**



**NEUMANN**  
**14-253**  
S - Curved  
Smooth  
12cm



**SANVENERO**  
14.5cm  
Smooth



Straight  
**14-256**



Curved  
**14-257**



**GOLDMANN - FOX**



Straight  
**14-258**



Curved  
**14-259**



**LEXER - BABY**  
10cm



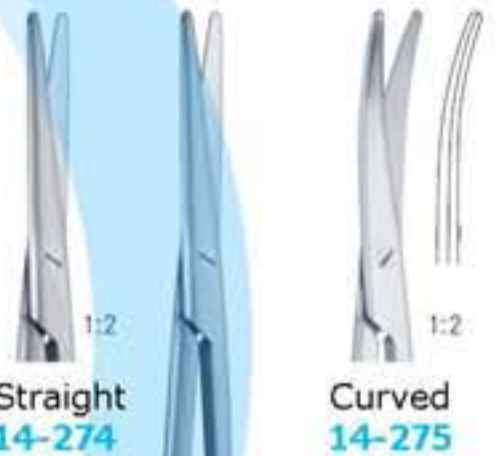
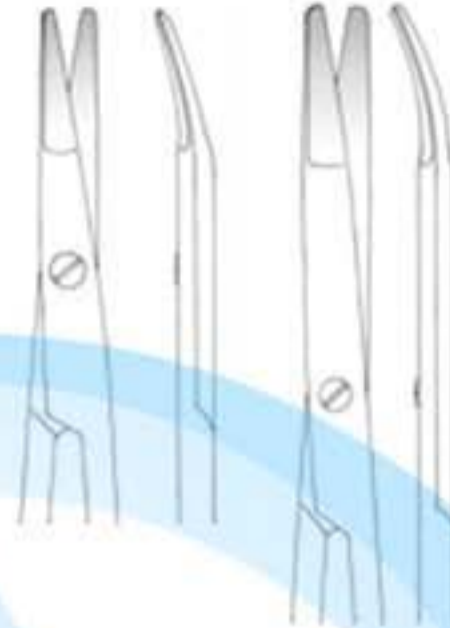
Straight  
**14-260**  
One Blade  
Saw Edge



Curved  
**14-261**  
One Blade  
Saw Edge



**LEXER - BABY**  
10cm



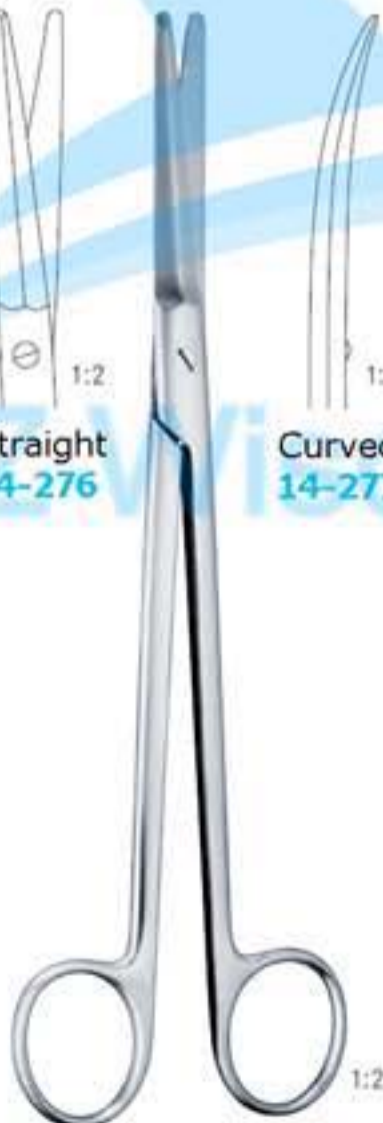
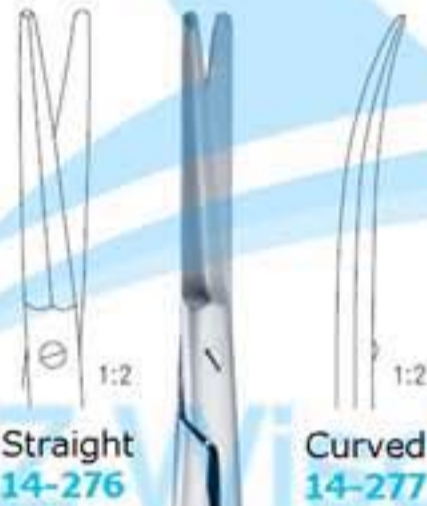
**KELLY Straight**  
14-262 = 16cm  
Smooth  
14-263 = 16cm  
One Blade  
Saw Edge  
14-264 = 18cm  
Smooth  
14-265 = 18cm  
One Blade  
Saw Edge

**KELLY Curved**  
14-266 = 16cm  
Smooth  
14-267 = 16cm  
One Blade  
Saw Edge  
14-268 = 18cm  
Smooth  
14-269 = 18cm  
One Blade  
Saw Edge

**JOSEPH 14cm**

**KILNER RAGNELL**  
Curved  
14-272 = 12cm  
14-273 = 15cm

**LANDOLDT**  
12.5cm



**GORNEY 20cm**



11.5cm  
Curved  
14-278



**CHADWICK 11cm**  
14-279



**VESSEL IRIS** 11.5cm  
With Probe  
14-280



1 Blade With Probe 14.5cm  
14-281



Straight  
14-282



Curved  
14-283



**LINCOLN**  
17cm



**FAVALORO**  
15cm  
14-284



**FULTON**  
17cm  
14-285



**MILLS**  
22.5cm  
14-286



**POTTS - SMITH  
(DE MARTEL)**  
19.5cm  
14-287



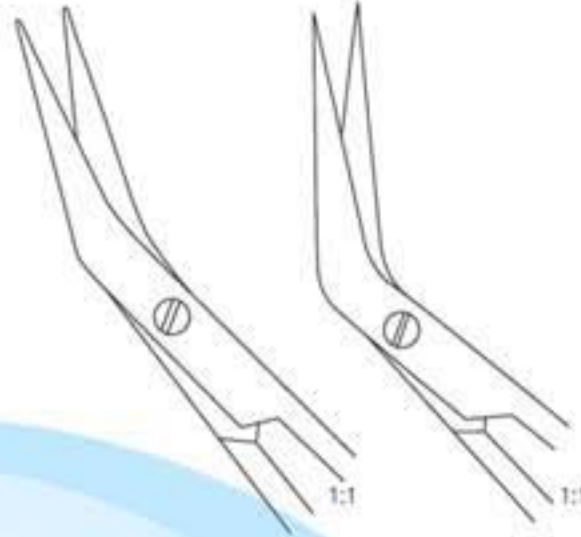
14-288 = 14.5cm  
14-289 = 15cm  
14-290 = 17cm  
14-291 = 19cm



14-292 = 14.5cm  
14-293 = 15cm  
14-294 = 17cm  
14-295 = 19cm



14-296 = 14.5cm  
14-297 = 15cm  
14-298 = 17cm  
14-299 = 19cm



Slightly  
Curved  
14-308

Strong  
Curved  
14-309



**DEBAKEY**  
15.5cm  
Offset Scissors,  
S - Shaped



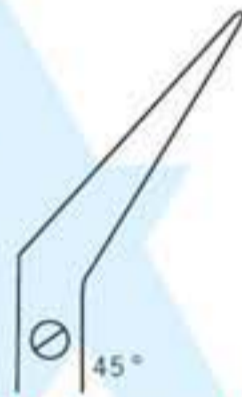
14-300 = 14.5cm  
14-301 = 15cm  
14-302 = 17cm  
14-303 = 19cm



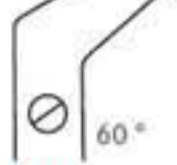
14-304 = 14.5cm  
14-305 = 15cm  
14-306 = 17cm  
14-307 = 19cm



14-310 = 16cm  
14-311 = 23cm  
14-312 = 27cm



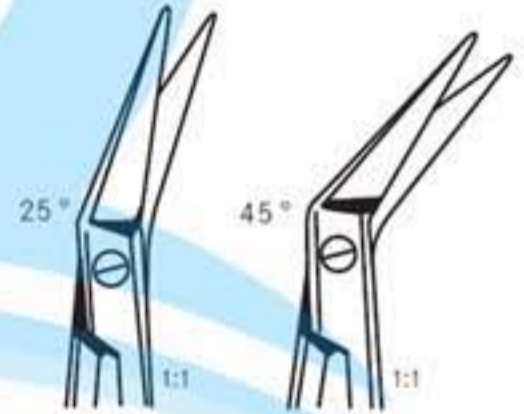
14-313 = 16cm  
14-314 = 23cm  
14-315 = 27cm



14-316 = 16cm  
14-317 = 23cm  
14-318 = 27cm

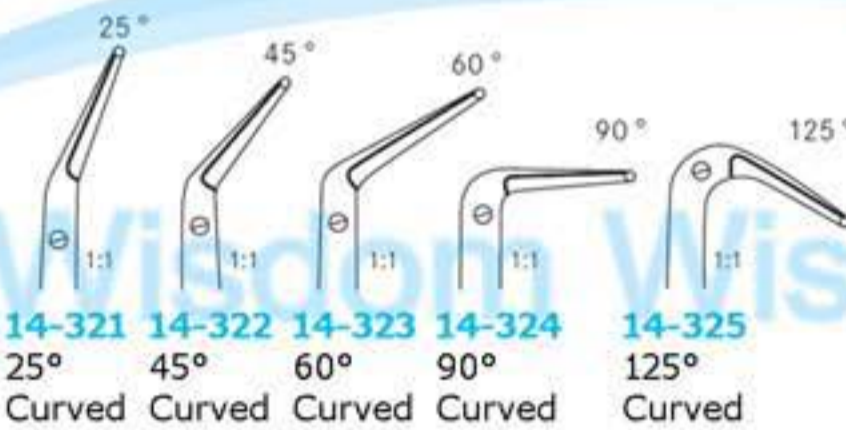
**DIETHERICH  
HEGEMANN**  
Micro

**DEBAKEY**



14-331  
25°  
Curved

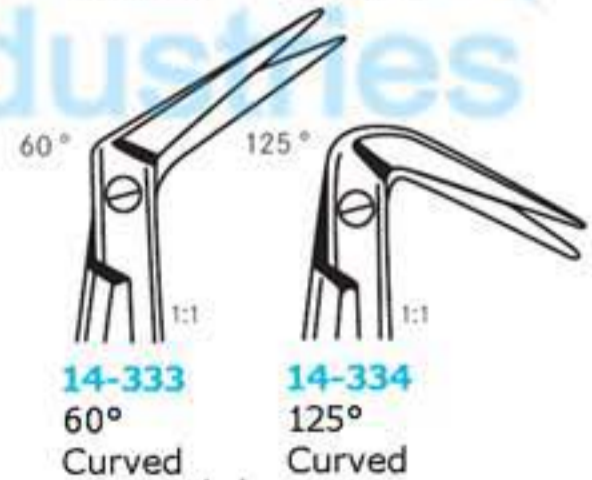
14-332  
45°  
Curved



14-321 25° Curved  
14-322 45° Curved  
14-323 60° Curved  
14-324 90° Curved  
14-325 125° Curved



14-326 25° Curved  
14-327 45° Curved  
14-328 60° Curved  
14-329 90° Curved  
14-330 125° Curved



14-333  
60°  
Curved

14-334  
125°  
Curved



14-335  
Side  
Curved

**MICRO** 18cm

**POTTS - DE  
MARTEL**  
19cm



**MARTIN -  
CARTILAGE**  
19cm Curved  
**14-339**  
Saw Edge



**MCINDOE**  
19cm Straight  
**14-340**



**POTTS - SMITH**  
19cm Curved  
**14-341**



**BOETTCHER  
TONSIL**  
18cm Curved  
**14-342**



**PRINCE**  
17cm Curved  
**14-343**



**TOENISS - ADSON**  
17cm Curved  
**14-344**



Straight  
**14-345**

Curved  
**14-346**



**OLIVECRONA**  
23cm  
Trigeminal Scissors

- 14-347** = 9cm
- 14-348** = 14cm
- 14-349** = 16cm
- 14-350** = 18cm
- 14-351** = 20cm
- 14-352** = 23cm
- 14-353** = 25cm
- 14-354** = 30cm



**DEAN** 17cm  
**14-355**  
Smooth - Angular  
**14-356**  
One Blade  
Saw Edge - Angular



**WERTHEIM** 19cm  
**14-357**



**GOOD** 19cm  
**14-358**



**WILLAUER**  
**14-359** = 25cm  
Straight  
**14-359A** = 25cm  
Curved  
**14-360** = 28cm  
Straight  
**14-360A** = 28cm  
Curved



**CRAFOORD** 30cm  
**14-362**



**FINOCHIETTO**  
27cm  
**14-363**



**RESANO**  
25cm  
**14-364**



**SATINSKY**  
24.5cm  
**14-365**



**KLINKENBERG -  
LOTH**  
23cm  
**14-366**



**JORGENSON** 22cm  
**14-367**





**ENTEROTOMY**  
21cm Fig. 1  
14-368



**ENTEROTOMY**  
21cm Fig. 2  
14-369



**ENTEROTOMY**  
21cm Fig. 3  
14-370



**BUSCH**  
14-371 = 13cm  
Straight  
14-372 = 13cm  
Curved  
14-373 = 16cm  
Straight  
14-374 = 16cm  
Curved



**UMBILICAL**  
14-375 = 10.5cm  
14-376 = 12.5cm



**SCHUHMACHER**  
16cm  
14-377



**BRAUN STADLER**  
14-378 = 14.5cm  
14-379 = 18cm  
14-380 = 20cm  
14-381 = 23cm



**WALDMANN**  
18cm  
14-383



Slightly  
Curved  
23cm  
14-384



Strongly  
Curved  
22.5cm  
14-384



**PARAMETRIUM**



**SAILER**  
17cm  
14-386



**HEYMANN**  
18cm  
14-387

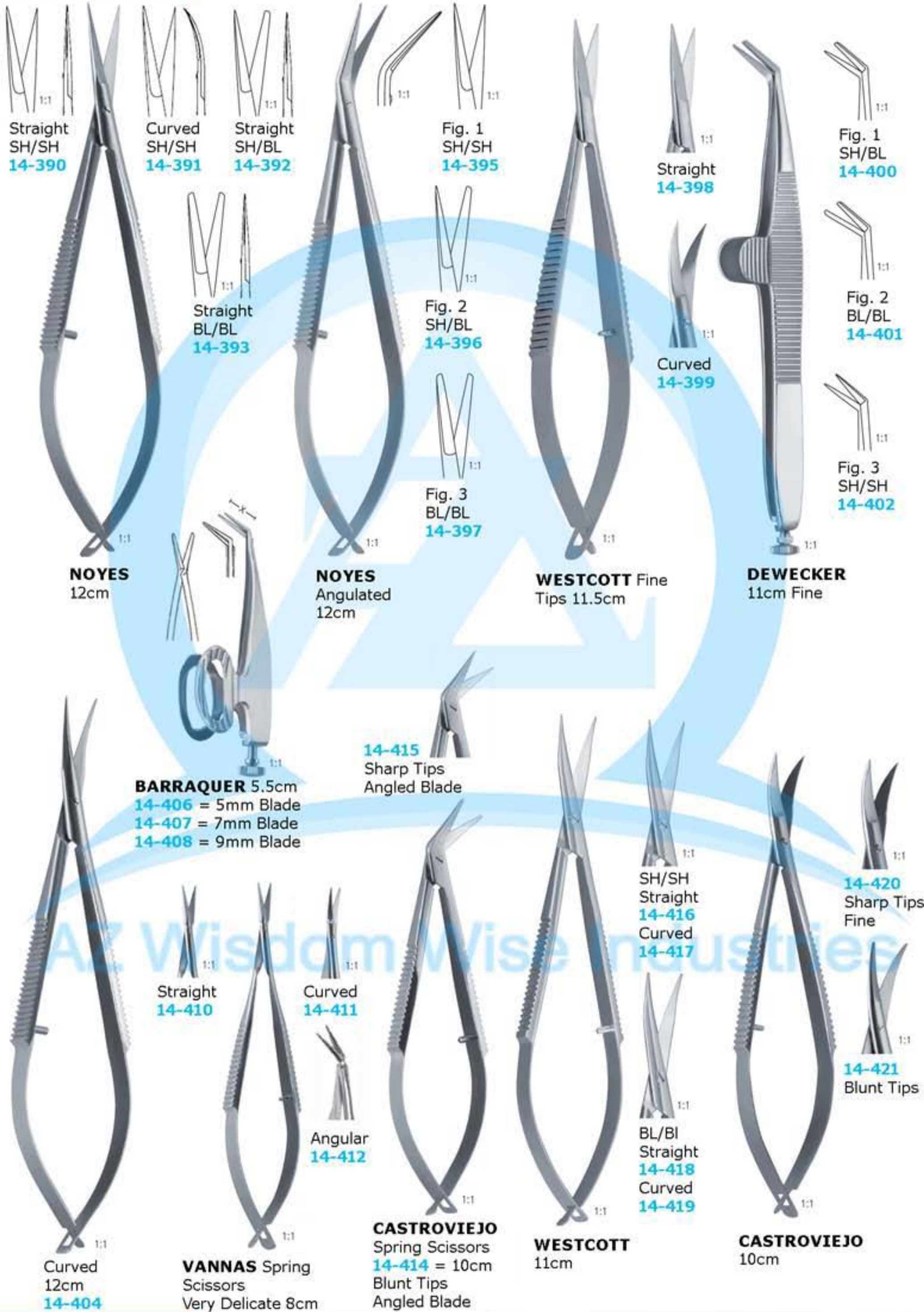


**FOMON**  
13cm  
14-388



**COTTLE**  
16cm  
14-389

AZ Wisdom Wise Industries



**NOYES** 12cm  
Straight SH/SH 14-390  
Curved SH/SH 14-391  
Straight SH/BL 14-392  
Straight BL/BL 14-393

**NOYES Angulated** 12cm  
Fig. 1 SH/SH 14-395  
Fig. 2 SH/BL 14-396  
Fig. 3 BL/BL 14-397

**WESTCOTT Fine Tips** 11.5cm  
Straight 14-398  
Curved 14-399

**DEWECKER** 11cm Fine  
Fig. 1 SH/BL 14-400  
Fig. 2 BL/BL 14-401  
Fig. 3 SH/SH 14-402

**BARRAQUER** 5.5cm  
14-406 = 5mm Blade  
14-407 = 7mm Blade  
14-408 = 9mm Blade

**14-415** Sharp Tips Angled Blade

**CASTROVIEJO Spring Scissors** 10cm  
Blunt Tips Angled Blade 14-414 = 10cm

**WESTCOTT** 11cm  
SH/SH Straight 14-416  
Curved 14-417  
BL/BL Straight 14-418  
Curved 14-419

**CASTROVIEJO** 10cm  
14-420 Sharp Tips Fine  
14-421 Blunt Tips

**VANNAS Spring Scissors** Very Delicate 8cm  
Straight 14-410  
Curved 14-411  
Angular 14-412

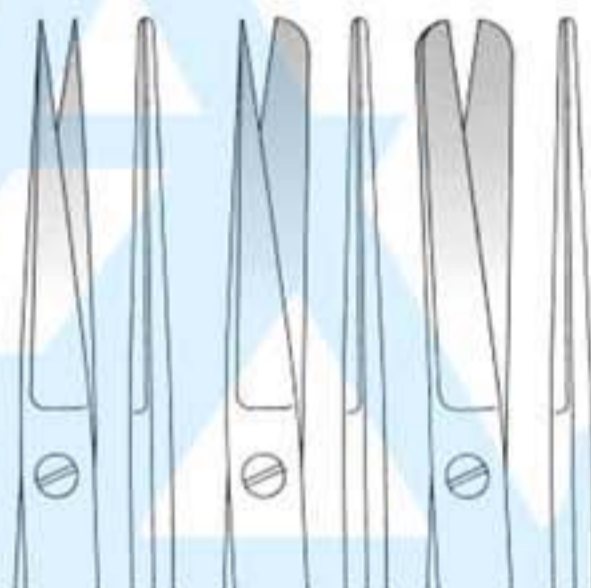
**Curved** 12cm 14-404



**IRIS** 12cm



**GUM** 11.5cm



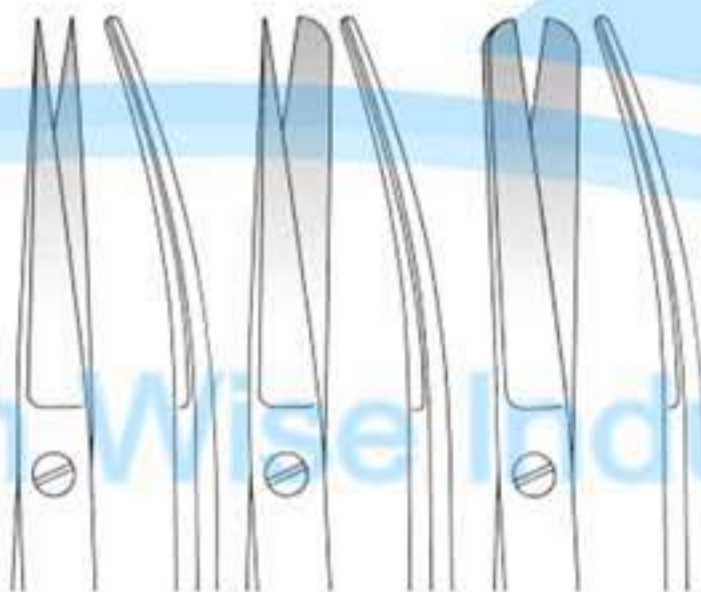
Straight  
SH/Sh  
14-425

Straight  
SH/BL  
14-426

Straight  
BI/BI  
14-427



**IRIS** 12cm



Curved  
SH/SH  
14-428

Curved  
SH/BI  
14-429

Curved  
BI/BI  
14-430



**WALTON**  
10cm  
14-431



**GREAFE**  
10.5cm  
14-432



Straight  
10cm  
14-433  
11cm  
14-434



**STEVEN Sharp/Sharp**



Curved  
10cm  
14-435  
11cm  
14-436



Straight  
10cm  
14-437  
11cm  
14-438



**STEVEN Blunt/Blunt**



Curved  
10cm  
14-439  
11cm  
14-440



**COTTLE Straight**  
14-441 = 9cm  
14-442 = 11.5cm



Straight  
14-443



**STRABISMUS 11.5cm**



Curved  
14-444



Straight  
14-445



**STRABISMUS 11.5cm Flat Pattern**



Curved  
14-446



**ANATOMY Straight**  
14-448 = 11.5cm  
14-449 = 13cm  
14-450 = 14cm



**ANATOMY Curved**  
14-451 = 11.5cm  
14-452 = 13cm  
14-453 = 14cm



Straight  
14-454  
Curved  
14-455



**COTTLE Curved**  
14-454 = 9cm  
14-455 = 11.5cm



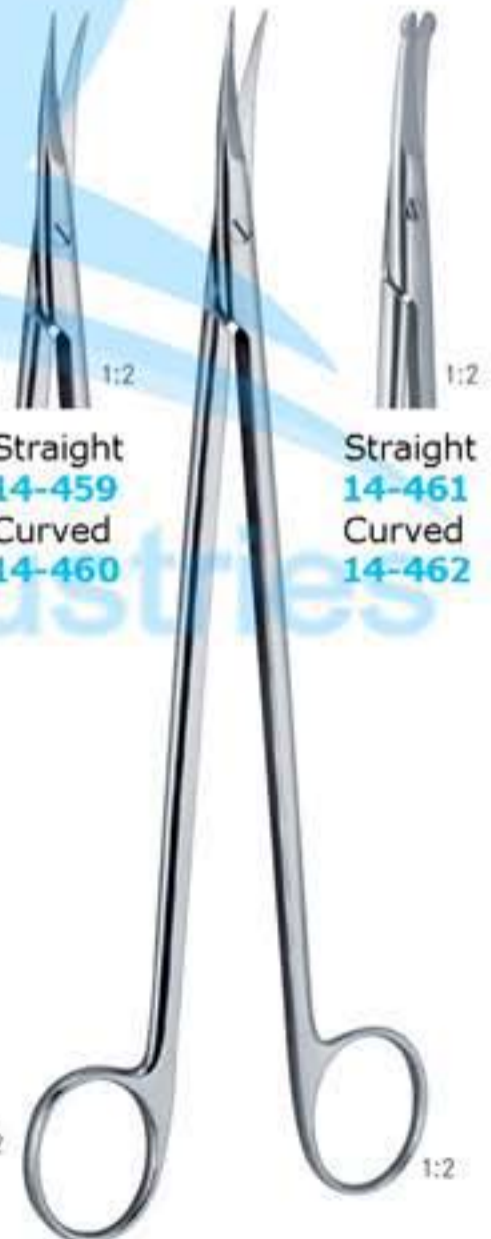
**TAYLOR**  
14.5cm  
14-456



**SCHMIEDEN**  
17cm  
14-457



**DANDY**  
17cm  
14-458



**STRULLY**  
22cm



11.5cm  
14-463



**BUCK**  
14-464 = 14.5cm  
14-465 = 18cm



10.5cm  
14-466



**NORTHBENT**  
14-467 = 9cm  
14-468 = 12.5cm  
14-469 = 13cm



**HEATH** 16cm  
One Blade  
Saw Edge  
14-470



**LIGATURE** 12cm  
One Blade  
Saw Edge  
14-471



**EISELSBERG** 11cm  
14-472



**O'BRIEN** 9cm  
14-473



**LITTLAUR** 14cm  
14-474



**SPENCER**  
14-475 = 9cm  
14-476 = 10.5cm  
14-477 = 11.5cm  
14-478 = 13cm



**UNIVERSAL WIRE CUTTING** 12cm  
**14-479**  
One Blade  
Saw Edge



**HARVEY** 12.5cm  
**14-480**  
One Blade  
Saw Edge



**SCHUHKNECHT** 12.5cm  
**14-481**  
One Blade  
Saw Edge



**BEEBEE** Straight



Blunt/Blunt  
**14-482** = 10cm  
**14-483** = 11.5cm



Sharp/Sharp  
**14-484** = 10cm  
**14-485** = 11.5cm



Blunt/Blunt  
**14-486** = 10cm  
**14-487** = 12cm  
One Blade  
Saw Edge



Sharp/Sharp  
**14-488** = 10cm  
**14-489** = 12cm  
One Blade  
Saw Edge



**BEEBEE** Curved



Blunt/Blunt  
**14-490** = 10cm  
**14-491** = 11.5cm



Sharp/Sharp  
**14-492** = 10cm  
**14-493** = 11.5cm



Blunt/Blunt  
**14-494** = 10cm  
**14-495** = 12cm  
One Blade  
Saw Edge



Sharp/Sharp  
**14-496** = 10cm  
**14-497** = 12cm  
One Blade  
Saw Edge

AZ Wisdom Wise Industries



**UNIVERSAL UTILITY**  
Plastic Handle  
14-500 = 15cm  
14-501 = 18cm  
S.S Blade



**LISTER BANDAGE**  
14-502 = 11cm  
14-503 = 14.5cm  
14-504 = 18cm  
14-505 = 20cm



**LISTER BANDAGE**  
One Big Ring  
14-506 = 18cm  
14-507 = 20cm



**LANGE**  
18cm  
14-508



**HIGH LEVEL BANDAGE**  
14cm  
Shanks Angled  
On Side  
14-509  
Smooth Blade  
14-510  
One Blade  
Saw Edge



**KNOWLES BANDAGE**  
14cm  
14-511



**UNIVERSAL UTILITY**  
Plastic Handle  
14-512 = 15cm  
14-513 = 18cm  
S.S Blade Plastic Tip



**HOUSE HOLD**  
14-514 = 11cm  
14-515 = 13cm  
14-516 = 14cm  
14-517 = 16cm  
14-518 = 18cm  
14-519 = 20cm



**SMITH (Model USA)**  
14-520 = 16cm  
14-521 = 18cm  
14-522 = 20cm  
14-523 = 20cm



**ESMARCH**  
14-524 = 20cm  
14-525 = 22cm



**EXCENTRIC**  
14-526 = 16cm  
14-527 = 19cm  
One Blade  
Saw Edge

The Delicate Offset Shanks  
Provide Better Leverage.  
The Fine Knob Slides Easily  
Under Finger And Toe  
Bandages.

AZ Wisdom Wise Industries





**BERGMANN**  
23cm  
14-530



**LORENZ**  
23cm  
14-531



**BRUNS PLASTER**  
24cm



Smooth  
14-532



One Blade  
Saw Edge  
14-533



**CLOTH AND PLASTER**  
Shear  
21cm  
14-534



**SEUTIN PLASTER**  
Shear  
23cm  
14-535



Straight  
14-540  
10cm  
14-541  
11cm

Curved  
14-542  
10cm  
14-543  
11cm

**CUTICLE**



Straight  
14-544  
9cm  
14-545  
10cm  
14-546  
11cm

Curved  
14-547  
9cm  
14-548  
10cm  
14-549  
11cm

**NAIL**



**INGROWN** Nail Splitting  
One Blade Saw Edge  
14-560 = 13cm  
14-561 = 15cm



Straight  
14-562

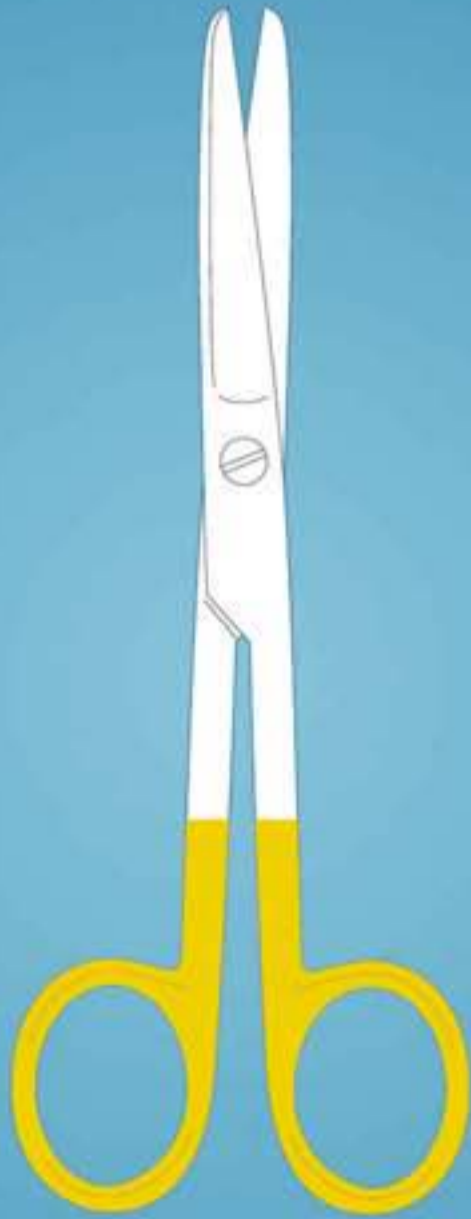
Curved  
14-563

**SYSTRUNK**  
13cm

AZ Wisdom Wise Industries

Scheren  
Scissors **T.C GOLD**  
Tijeras  
Ciseaux  
Forbici

**15**  
**66 - 71**





- 15-001 = 10.5cm
- 15-002 = 11.5cm
- 15-003 = 13cm
- 15-004 = 14.5cm
- 15-005 = 15.5cm
- 15-006 = 16.5cm
- 15-007 = 17.5cm
- 15-008 = 18.5cm
- 15-009 = 20cm

**OPERATING** Scissors  
Standard Sharp/Blunt  
Straight **T.C GOLD**



- 15-011 = 10.5cm
- 15-012 = 11.5cm
- 15-013 = 13cm
- 15-014 = 14.5cm
- 15-015 = 15.5cm
- 15-016 = 16.5cm
- 15-017 = 17.5cm
- 15-018 = 18.5cm
- 15-019 = 20cm

**OPERATING** Scissors  
Standard Sharp/Blunt  
Curved **T.C GOLD**



- 15-021 = 10.5cm
- 15-022 = 11.5cm
- 15-023 = 13cm
- 15-024 = 14.5cm
- 15-025 = 15.5cm
- 15-026 = 16.5cm
- 15-027 = 17.5cm
- 15-028 = 18.5cm
- 15-029 = 20cm

**OPERATING** Scissors  
Standard Sharp/Sharp  
Straight **T.C GOLD**



- 15-031 = 10.5cm
- 15-032 = 11.5cm
- 15-033 = 13cm
- 15-034 = 14.5cm
- 15-035 = 15.5cm
- 15-036 = 16.5cm
- 15-037 = 17.5cm
- 15-038 = 18.5cm
- 15-039 = 20cm

**OPERATING** Scissors  
Standard Sharp/Sharp  
Curved **T.C GOLD**



- 15-041 = 10.5cm
- 15-042 = 11.5cm
- 15-043 = 13cm
- 15-044 = 14.5cm
- 15-045 = 15.5cm
- 15-046 = 16.5cm
- 15-047 = 17.5cm
- 15-048 = 18.5cm
- 15-049 = 20cm

**OPERATING** Scissors  
Standard Blunt/Blunt  
Straight **T.C GOLD**



- 15-051 = 10.5cm
- 15-052 = 11.5cm
- 15-053 = 13cm
- 15-054 = 14.5cm
- 15-055 = 15.5cm
- 15-056 = 16.5cm
- 15-057 = 17.5cm
- 15-058 = 18.5cm
- 15-059 = 20cm

**OPERATING** Scissors  
Standard Blunt/Blunt  
Curved **T.C GOLD**

Straight  
15-061 = 16cm  
15-062 = 21cm

Straight  
15-063 = 16cm  
15-064 = 21cm



**LEXER**  
T.C GOLD

Straight  
15-065 = 14.5cm  
15-066 = 15cm  
15-067 = 17cm  
15-068 = 20cm  
15-069 = 23cm

Curved  
15-071 = 14.5cm  
15-072 = 15cm  
15-073 = 17cm  
15-074 = 20cm  
15-075 = 23cm



**MAYO** Scissors  
T.C GOLD

Straight  
15-076 = 15cm  
15-077 = 17cm

Curved  
15-078 = 15cm  
15-079 = 17cm



**MAYO STILLE**  
Scissors  
T.C GOLD

Straight Blunt/Blunt  
15-081 = 11.5cm  
15-082 = 14.5cm

Straight Sharp/Blunt  
15-083 = 11.5cm  
15-084 = 14.5cm

Straight Sharp/Sharp  
15-085 = 11.5cm  
15-086 = 14.5cm



**METZENBAUM**  
Scissors  
T.C GOLD



**METZENBAUM NELSON**  
Scissors Straight  
T.C GOLD

Blunt/Blunt  
15-099 = 14cm  
15-100 = 18cm  
15-101 = 20cm  
15-102 = 23cm  
15-103 = 25cm  
15-104 = 28cm  
15-105 = 30cm

Sharp/Blunt  
15-106 = 14cm  
15-107 = 18cm  
15-108 = 20cm  
15-109 = 23cm  
15-110 = 25cm  
15-111 = 28cm  
15-112 = 30cm

Sharp/Sharp  
15-113 = 14cm  
15-114 = 18cm  
15-115 = 20cm  
15-116 = 23cm  
15-117 = 25cm  
15-118 = 28cm  
15-119 = 30cm

Curved Blunt/Blunt  
15-087 = 11.5cm  
15-088 = 14.5cm

Curved Sharp/Blunt  
15-089 = 11.5cm  
15-090 = 14.5cm

Curved Sharp/Sharp  
15-091 = 11.5cm  
15-092 = 14.5cm



**METZENBAUM**  
Scissors  
T.C GOLD

Blunt/Blunt  
15-120 = 14cm  
15-121 = 18cm  
15-122 = 20cm  
15-123 = 23cm  
15-124 = 25cm  
15-125 = 28cm  
15-126 = 30cm

Sharp/Blunt  
15-127 = 14cm  
15-128 = 18cm  
15-129 = 20cm  
15-130 = 23cm  
15-131 = 25cm  
15-132 = 28cm  
15-133 = 30cm

Sharp/Sharp  
15-134 = 14cm  
15-135 = 18cm  
15-136 = 20cm  
15-137 = 23cm  
15-138 = 25cm  
15-139 = 28cm  
15-140 = 30cm

**METZENBAUM NELSON**  
Scissors Curved T.C GOLD



1:2  
Straight  
15-141



**METZENBAUM**  
Fino  
14.5cm  
T.C GOLD



1:2  
Curved  
15-142




1:2  
Straight  
15-143



**METZENBAUM**  
Fino  
14.5cm  
T.C GOLD



1:2  
Curved  
15-144




Straight  
15-145  
18cm  
15-146  
20cm  
15-147  
23cm



**METZENBAUM**  
Fino  
T.C GOLD



Curved  
15-148  
18cm  
15-149  
20cm  
15-150  
23cm



**METZENBAUM**  
Fino  
**S - CURVED**  
T.C GOLD  
15-151 = 18cm  
15-152 = 20cm  
15-153 = 23cm



**LOCKLIN** 16.5cm  
Straight Shanks  
15-155  
One Blade  
Saw Edge  
T.C GOLD



**LOCKLIN** 16.5cm  
Curved Shanks  
15-156  
One Blade  
Saw Edge  
T.C GOLD



1:2  
Straight  
15-158



**GORNEY** 20cm  
T.C GOLD



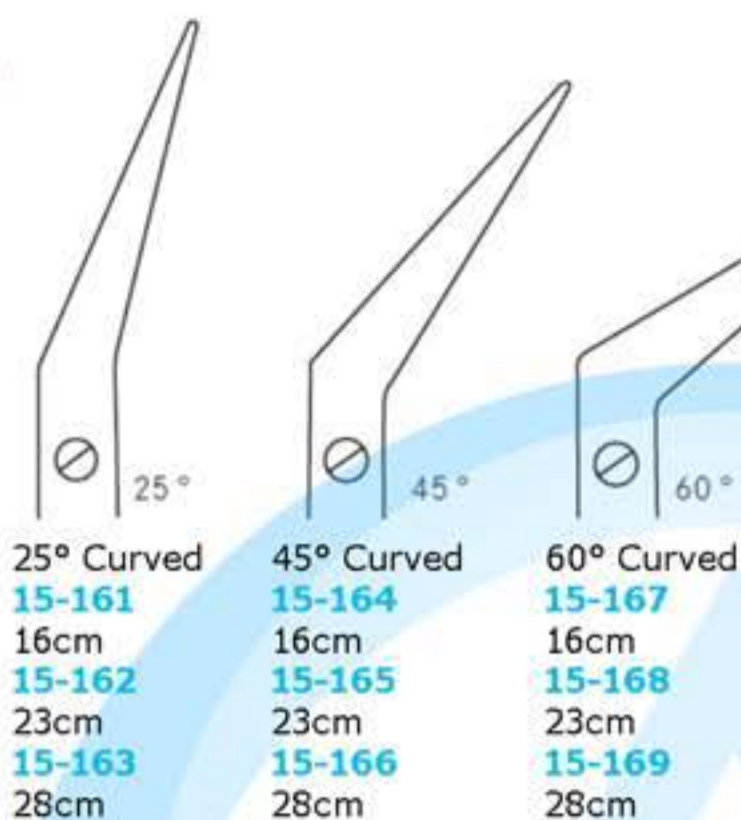
1:2  
Curved  
15-159



**KAYE** 11.5cm  
Curved  
T.C GOLD  
15-160



**DEBAKEY**  
T.C GOLD



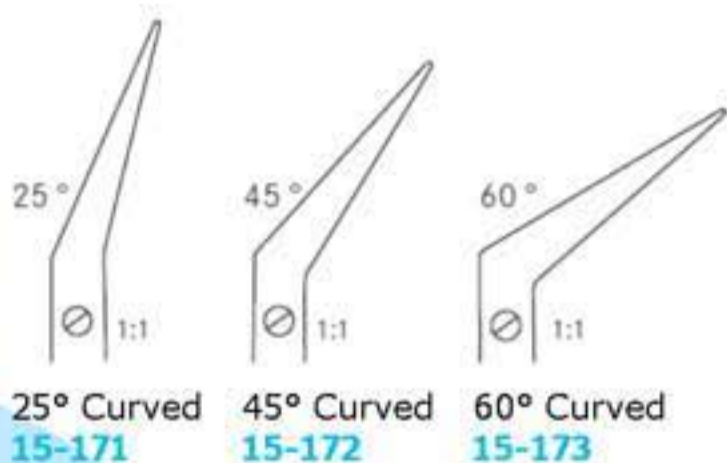
25° Curved  
**15-161**  
16cm  
**15-162**  
23cm  
**15-163**  
28cm

45° Curved  
**15-164**  
16cm  
**15-165**  
23cm  
**15-166**  
28cm

60° Curved  
**15-167**  
16cm  
**15-168**  
23cm  
**15-169**  
28cm



**POTTS - DEMARTEL**  
19cm  
T.C GOLD



25° Curved  
**15-171**

45° Curved  
**15-172**

60° Curved  
**15-173**



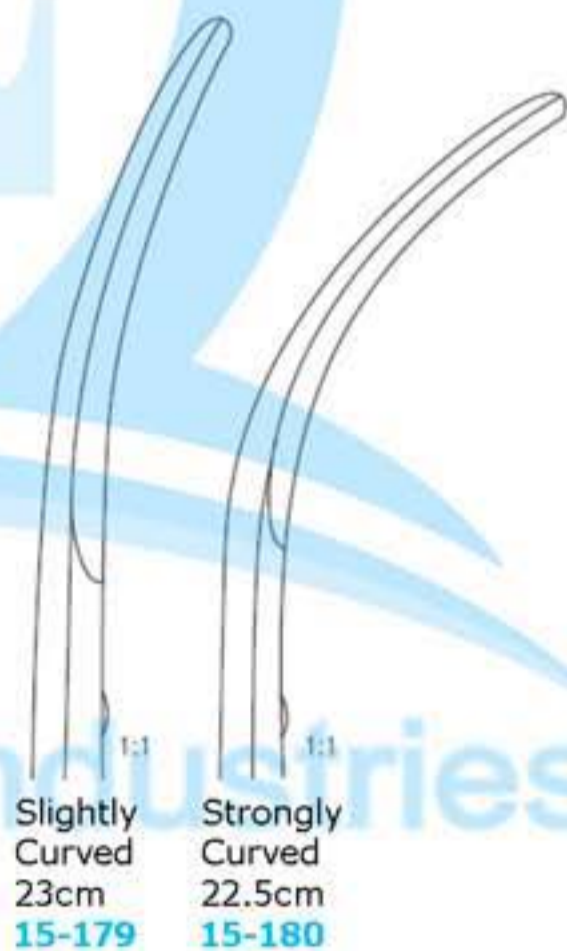
**TOENISS - ADSON**  
17cm Curved  
T.C GOLD  
**15-175**



**DEAN** 17cm  
T.C GOLD  
**15-177**  
Smooth - Angular  
**15-178**  
One Blade  
Saw Edge - Angular



**PARAMETRIUM**  
T.C GOLD





**IRIS** 11.5cm  
T.C GOLD



**Straight**  
15-181



**Curved**  
15-182



**Angular**  
15-183



**UNIVERSAL WIRE CUTTING** 12cm  
T.C GOLD  
15-185



**LISTER BANDAGE**  
T.C GOLD  
15-186 = 9cm  
15-187 = 11cm  
15-188 = 14cm  
15-189 = 18cm  
15-190 = 20cm

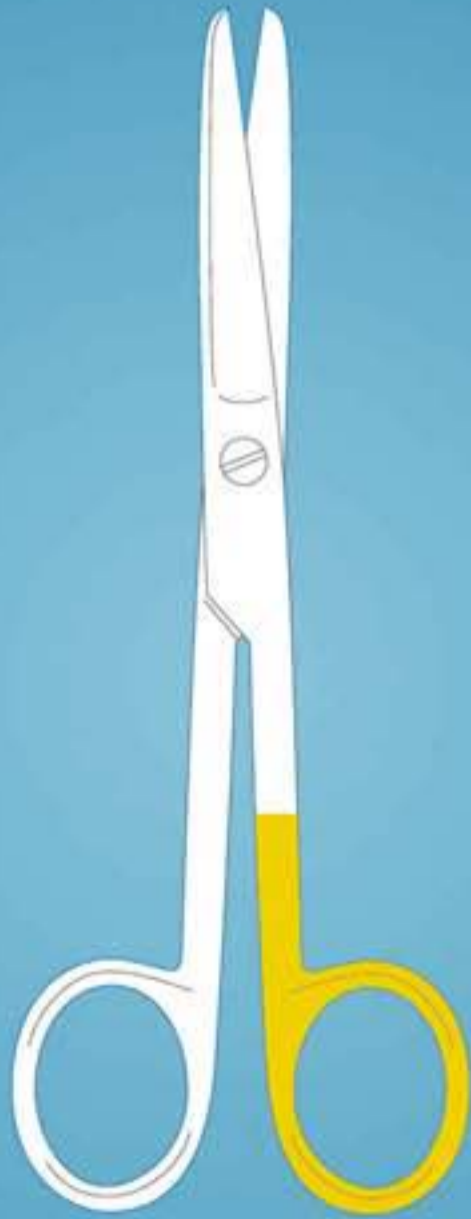


**BRUNS PLASTER SHEAR**  
24cm  
T.C GOLD  
15-192



Scheren  
Scissors **Super Cut**  
Tijeras  
Ciseaux  
Forbici

**16**  
72 - 74





Straight  
**16-001**

Curved  
**16-002**

**LEXER 16cm**



Straight  
**16-004** = 14.5cm  
**16-005** = 15cm  
**16-006** = 17cm  
**16-007** = 20cm

Curved  
**16-008** = 14.5cm  
**16-009** = 15cm  
**16-010** = 17cm  
**16-011** = 20cm

**MAYO SCISSORS**



Straight  
**16-012**  
15cm  
**16-014**  
17cm

Curved  
**16-016**  
15cm  
**16-018**  
17cm

**MAYO STILLE**  
Scissors



Straight  
**16-020**

Curved  
**16-022**

**METZENBAUM**  
Scissors 14.5cm



Straight  
**16-024**  
18cm  
**16-025**  
20cm  
**16-026**  
23cm

Curved  
**16-028**  
18cm  
**16-029**  
20cm  
**16-030**  
23cm

**METZENBAUM NELSON**  
Scissors



Straight  
**16-032**

Curved  
**16-034**

**STRABISMUS 11.5cm**



Straight  
**16-036**



Curved  
**16-038**

**IRIS 11.5cm**

 Straight  
**16-040**  
 14.5cm  
 Curved  
**16-048**  
 14.5cm  
**16-050**  
 18cm  
**16-044**  
 20cm  
**16-046**  
 23cm



**METZENBAUM**  
Fino

 1:2  
 Straight  
**16-056**  
 1:2  
 Curved  
**16-058**



**JOSEPH** 14cm



 Straight  
**16-060**  
 16cm  
**16-062**  
 18cm  
 Curved  
**16-064**  
 16cm  
**16-066**  
 18cm



**REYNOLDS**



**FOMON**  
13cm  
**16-068**

 Straight  
**16-070**  
 10cm  
**16-072**  
 11cm  
 Curved  
**16-074**  
 10cm  
**16-076**  
 11cm



**STEVEN**  
Sharp/Sharp

Pinzetten  
Forceps  
Pincas  
Pinzas  
Pinze

**17**  
**75 - 93**





**USA MODEL**  
Extra Wide Jaw  
17-061 = 12cm  
17-062 = 13cm  
17-063 = 14.5cm  
17-064 = 15.5cm  
17-065 = 18cm  
17-066 = 21cm  
17-067 = 25cm  
17-068 = 31cm

**USA MODEL**  
Narrow Jaw  
17-071 = 12cm  
17-072 = 13cm  
17-073 = 14.5cm  
17-074 = 15.5cm

**THUMB Dressing**  
Straight Standard  
17-001 = 10.5cm  
17-002 = 11.5cm  
17-003 = 13cm  
17-004 = 14.5cm  
17-005 = 15cm  
17-006 = 16cm  
17-007 = 18cm  
17-008 = 20cm  
17-009 = 25cm  
17-010 = 30cm  
17-011 = 36cm  
17-012 = 42cm  
17-013 = 48cm  
17-014 = 60cm

**THUMB Dressing**  
45° Angular Curved  
17-021 = 10.5cm  
17-022 = 11.5cm  
17-023 = 13cm  
17-024 = 14.5cm  
17-025 = 15cm  
17-026 = 16cm  
17-027 = 18cm  
17-028 = 20cm  
17-029 = 25cm  
17-030 = 30cm  
17-031 = 36cm  
17-032 = 42cm  
17-033 = 48cm  
17-034 = 60cm

**THUMB Dressing**  
Straight Fine  
17-041 = 10.5cm  
17-042 = 11.5cm  
17-043 = 13cm  
17-044 = 14.5cm  
17-045 = 15cm  
17-046 = 16cm  
17-047 = 18cm  
17-048 = 20cm  
17-049 = 25cm  
17-050 = 30cm

**THUMB Dressing**  
Curved Fine  
17-051 = 10.5cm  
17-052 = 11.5cm  
17-053 = 13cm  
17-054 = 14.5cm  
17-055 = 15cm  
17-056 = 16cm  
17-057 = 18cm  
17-058 = 20cm  
17-059 = 25cm  
17-060 = 30cm



**THUMB Dressing**  
Cross Serrated Jaw  
17-081 = 13cm  
17-082 = 14.5cm  
17-083 = 16cm

**ENGLISH MODEL**  
Welded End  
17-091 = 13cm  
17-092 = 14.5cm

**ENGLISH MODEL**  
Turn Over End  
17-101 = 13cm  
17-102 = 14.5cm

**TREVE**  
Welded End  
17-111 = 13cm  
17-112 = 14.5cm

**THUMB Dressing**  
Wide Jaw  
17-114 = 14.5cm

**SWEDISH MODEL**  
Thumb Dressing  
17-116 = 13cm



**BONNEY**  
 17-118 = 17cm



**STILLE**  
 17-120 = 15cm  
 17-122 = 18cm  
 17-124 = 20cm



**SEMKEN Serrated**  
 17-126 = 13cm  
 17-128 = 15cm



**TAYLOR**  
 17.5cm  
 17-130



**TAYLOR**  
 17.5cm  
 17-132



**TAYLOR**  
 17.5cm  
 17-134



**GERALD**  
 18cm  
 17-136



**GERALD**  
 18cm  
 17-138



**GERALD**  
 18cm  
 17-140



**ADSON**  
Regular Serrated  
17-142 = 12cm  
17-144 = 15cm



**Micro ADSON**  
Serrated  
17-146 = 12cm  
17-148 = 15cm



**ADSON**  
Cross Serrated  
17-150  
12cm



**HUDSON (EWALD)**  
Serrated  
17-152  
12cm



**CUSHING**  
Straight  
17.5cm  
17-154



**CUSHING**  
Curved  
17.5cm  
17-156



**MCINDOE**  
15cm  
17-158



**BROPHY**  
Straight  
20cm  
17-160



**BROPHY**  
Curved  
20cm  
17-162



**DUERHRSEN**  
20cm  
17-164



**WANGENSTEEN**  
17-166 = 15cm  
17-168 = 23cm



**WAUGH**  
17-170 = 15cm  
17-172 = 20cm  
17-174 = 25cm



**WAUGH**  
20cm  
17-176



**POTTS - SMITH**  
Straight  
17-180 = 18cm  
17-182 = 21cm  
17-184 = 25cm  
17-186 = 30cm



**POTTS - SMITH**  
Curved  
17-190 = 18cm  
17-192 = 21cm  
17-194 = 25cm  
17-196 = 30cm



**TISSUE** Forceps  
1x2 Teeth  
17-200 = 10.5cm  
17-201 = 11.5cm  
17-202 = 13cm  
17-203 = 14.5cm  
17-204 = 15cm  
17-205 = 16cm  
17-206 = 18cm  
17-207 = 20cm  
17-208 = 25cm  
17-209 = 30cm  
17-210 = 35cm  
17-211 = 40cm

**TISSUE** Forceps  
2x3 Teeth  
17-221 = 10.5cm  
17-222 = 11.5cm  
17-223 = 13cm  
17-224 = 14.5cm  
17-225 = 15cm  
17-226 = 16cm  
17-227 = 18cm  
17-228 = 20cm  
17-229 = 25cm  
17-230 = 30cm

**TISSUE** Forceps  
3x4 Teeth  
17-231 = 13cm  
17-232 = 14.5cm  
17-233 = 16cm  
17-234 = 20cm  
17-235 = 25cm  
17-236 = 30cm

**TISSUE** Forceps  
4x5 Teeth  
17-241 = 13cm  
17-242 = 14.5cm  
17-243 = 16cm  
17-244 = 18cm  
17-245 = 25cm

**TISSUE** Forceps  
1x2 Teeth Narrow  
17-251 = 10.5cm  
17-252 = 11.5cm  
17-253 = 13cm  
17-254 = 14.5cm  
17-255 = 15cm  
17-256 = 16cm  
17-257 = 18cm  
17-258 = 20cm  
17-259 = 25cm  
17-260 = 30cm

**STILLE**  
1x2 Teeth  
17-261 = 13cm  
17-262 = 15cm  
17-263 = 17cm  
17-264 = 20cm

**STILLE**  
2x3 Teeth  
17-271 = 15cm  
17-272 = 17cm



**USA MODEL**  
1x2 Teeth  
17-281 = 12cm  
17-282 = 13cm  
17-283 = 14.5cm  
17-284 = 15.5cm  
17-285 = 18.5cm  
17-286 = 21cm  
17-287 = 25cm  
17-288 = 31cm

**STONE**  
15cm  
4x5 Teeth  
17-290

**LERCHE**  
15cm  
5x6 Teeth  
17-292

**ADLERKREUTZ**  
2x3 Teeth  
17-294 = 14.5cm  
17-295 = 15cm  
17-296 = 20cm  
17-297 = 25cm  
17-298 = 30cm

**ADLERKREUTZ**  
4x5 Teeth  
17-300 = 13cm  
17-301 = 14.5cm  
17-302 = 15cm  
17-303 = 18cm  
17-304 = 20cm  
17-305 = 25cm

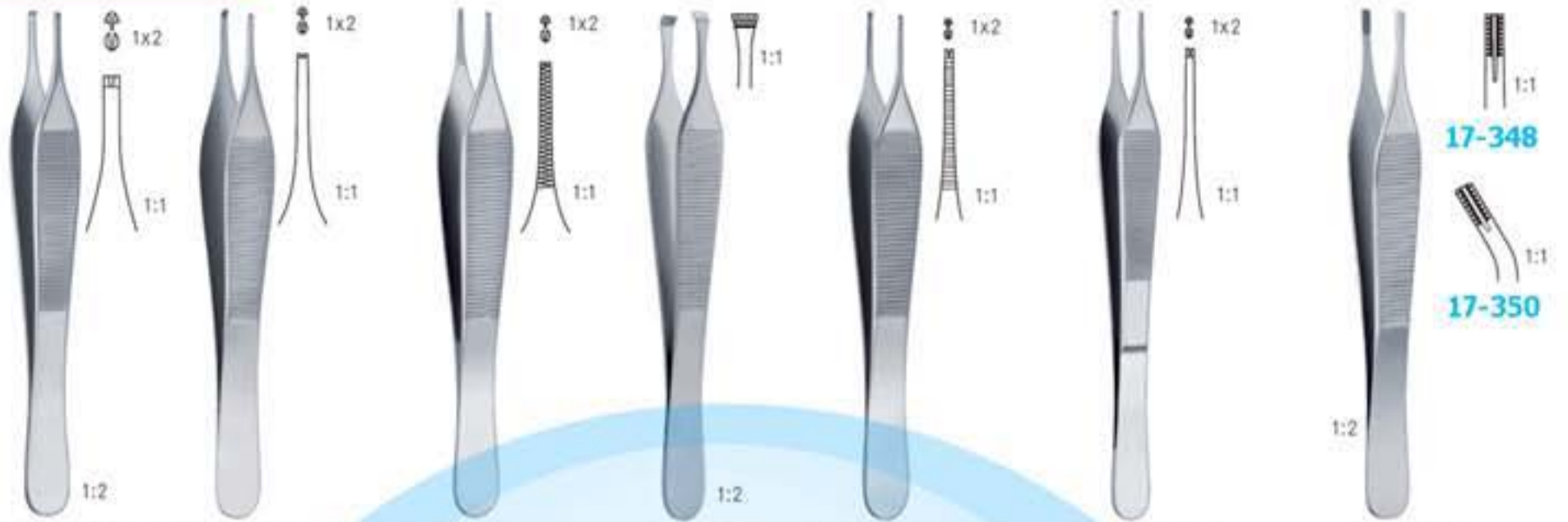
**BROPHY**  
Straight  
20cm  
17-310

**BROPHY**  
Curved  
20cm  
17-312

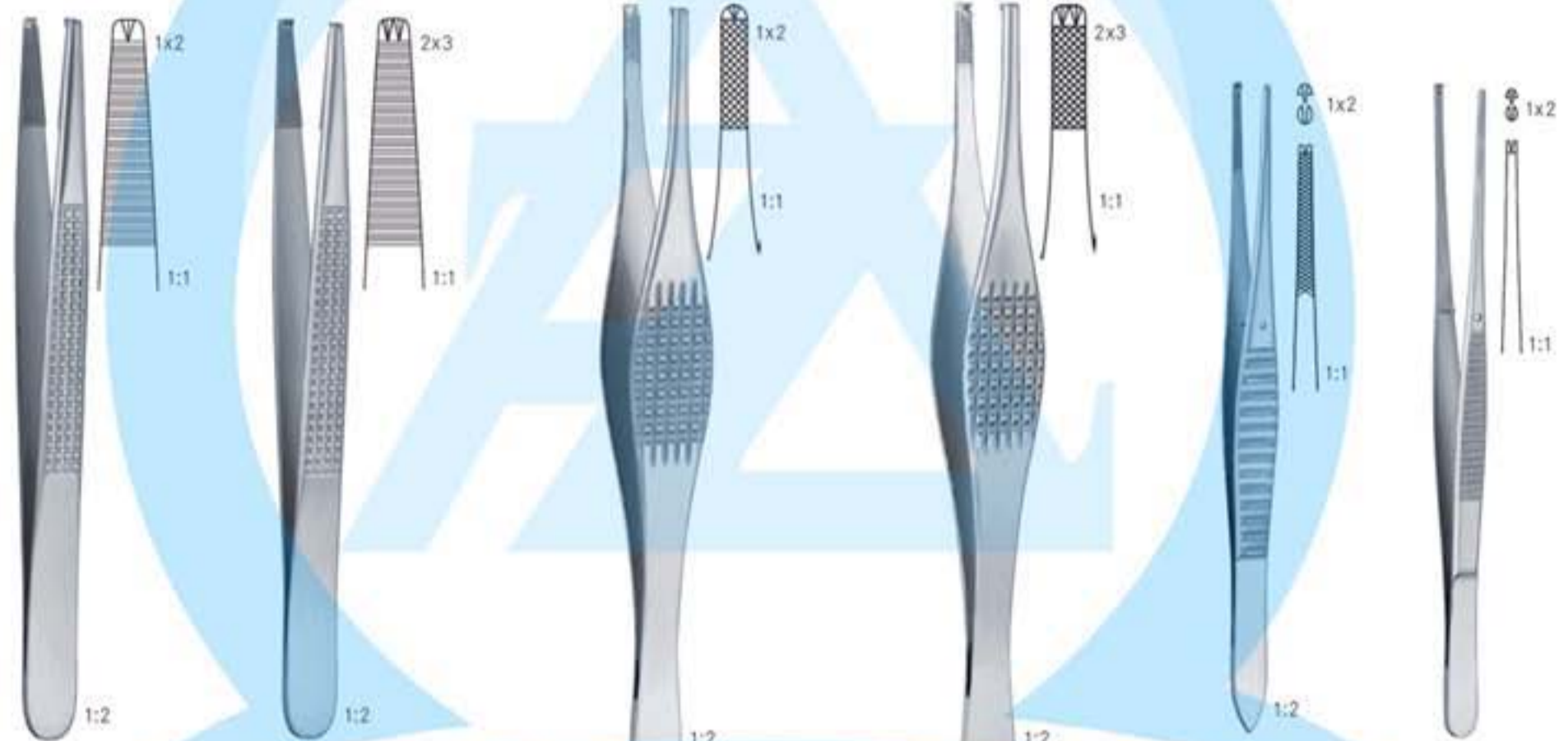
**POTTS - SMITH**  
Straight  
17-314 = 18cm  
17-315 = 21cm  
17-316 = 25cm  
17-317 = 30cm

**POTTS - SMITH**  
Curved  
17-320 = 18cm  
17-321 = 21cm  
17-322 = 25cm  
17-323 = 30cm





**HUDSON (EWALD)** 12cm **17-330**  
**ADSON Regular** 1x2 Teeth **17-332 = 12cm** **17-333 = 15cm**  
**ADSON Cross Serrated Jaw** 1x2 Teeth **17-335 = 12cm** **17-336 = 15cm**  
**ADSON Greafe** 12cm **17-338**  
**ADSON Micro** 1x2 Teeth Serrated Jaw **17-340 = 12cm** **17-342 = 15cm**  
**ADSON Micro** 1x2 Teeth **17-344 = 12cm** **17-346 = 15cm**  
**ADSON BROWN** 12cm 7x7 Teeth



**BONNEY** 1x2 Teeth 17.5cm **17-352**  
**BONNEY** 2x3 Teeth 17.5cm **17-354**  
**FERRIS SMITH** 1x2 Teeth 18cm **17-356**  
**FERRIS SMITH** 2x3 Teeth 18cm **17-358**  
**GILLIES** 15cm **17-360**  
**SEMKEN** 1x2 Teeth **17-362 = 12.5cm** **17-363 = 15cm**



**DUVAL** 14.5cm  
**Fig. 1** 7mm **17-365**  
**Fig. 2** 10mm **17-366**  
**TREVES** 1x2 Teeth **17-368 = 13cm** **17-369 = 15cm**  
**LANE Tissue** 1x2 Teeth **17-370 = 14cm** **17-371 = 15cm** **17-372 = 20cm**  
**LANE Tissue** 2x3 Teeth **17-374 = 14cm** **17-375 = 15cm** **17-376 = 20cm**





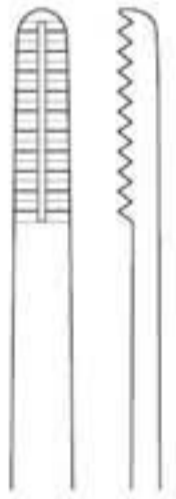
**WAUGH**  
1x2 Teeth  
20cm  
17-412



**ADSON** Mini Straight  
1x2 Teeth  
12cm  
17-414



**ADSON** Mini Curved  
1x2 Teeth  
12cm  
17-415



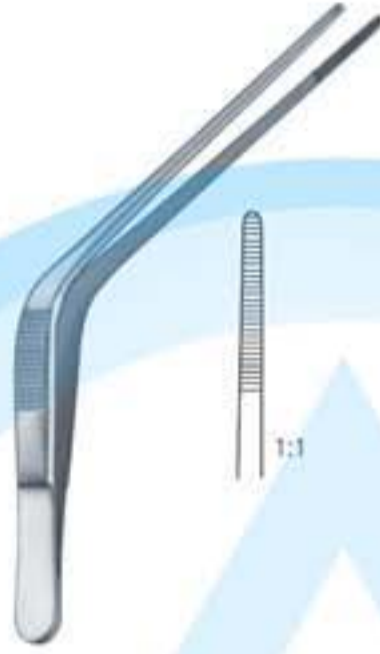
**RESANO**  
23cm  
17-418



**MICRO FORCEPS**  
Delicate 1x2 Teeth  
10.5cm  
17-416



**TROELTSCH**  
 17-420 = 15cm  
 17-421 = 18cm



**TROELTSCH (WILDE)**  
 17-423 = 11cm  
 17-425 = 12cm



**TROELTSCH (WILDE)**  
 Fine  
 Cross Action  
 13cm  
 17-427



**LUCAS**  
 14cm  
 17-429



**JANSEN - GRÜNWARD**  
 16cm  
 17-431



**JANSEN - GRÜNWARD**  
 17-433 = 16cm  
 17-434 = 20cm



**OGURA**  
 Skin Grasping  
 4mm Jaw  
 11cm  
 17-436



**COTTLE**  
 14.5cm  
 17-438



**COLUMELLA**  
 Forceps  
 10.5cm  
 17-440



**GREAFE** Straight  
 10.5cm  
 17-442



**GREAFE** Half Curved  
 10.5cm  
 17-444



**GREAFE** Full Curved  
 10.5cm  
 17-446



**GREAFE** Straight  
 1x2 Teeth  
 10.5cm  
 17-448



**GREAFE** Half Curved  
 1x2 Teeth  
 10.5cm  
 17-450



**GREAFE** Full Curved  
 1x2 Teeth  
 10.5cm  
 17-452



**GREAFE** Straight  
 7cm  
 17-454 = 0.7mm  
 17-455 = 1.0mm



**GREAFE** Curved  
 7cm  
 17-457 = 0.7mm  
 17-458 = 1.0mm



**GREAFE** Straight  
 7cm 1x2 Teeth  
 17-460 = 0.7mm  
 17-461 = 1.0mm



**GREAFE** Curved  
 7cm 1x2 Teeth  
 17-463 = 0.7mm  
 17-464 = 1.0mm



**SPLINTER** Fine  
Smooth Straight  
17-466 = 9cm  
17-467 = 10.5mm  
17-468 = 11.5mm  
17-469 = 12.5mm



**SPLINTER** Fine  
Smooth Curved  
17-471 = 9cm  
17-472 = 10.5mm  
17-473 = 11.5mm  
17-474 = 12.5mm



**SPLINTER** Fine  
Serrated Straight  
17-476 = 9cm  
17-477 = 10.5mm  
17-478 = 11.5mm  
17-479 = 12.5mm



**SPLINTER** Fine  
Serrated Curved  
17-481 = 9cm  
17-482 = 10.5mm  
17-483 = 11.5mm  
17-484 = 12.5mm



**MOOR FIELD**  
Conjunctive  
Straight  
10cm  
17-486

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**BEESON**  
 4x5 Teeth  
 16cm  
 17-488



**DURANTE**  
 17-490 = 14.5cm  
 17-491 = 16cm  
 17-492 = 20cm  
 17-493 = 25cm



**RUSSIAN MODEL**  
 17-495 = 15cm  
 17-496 = 20cm  
 17-497 = 25cm  
 17-498 = 30cm



**MAYO - RUSS**  
 23cm  
 17-500



**NELSON**  
 23cm  
 17-502



**SINGLEY - TUTTLE**  
 17-504 = 18cm  
 17-505 = 23cm  
 17-506 = 35cm



**FENESTRATED**  
 Jaw  
 23cm  
 17-508



**COLLIN - DUVAL**  
 20cm

17-510 = Fig. 1  
 14cm

17-511 = Fig. 2  
 18cm

17-512 = Fig. 3  
 27cm



**DEBAKEY**  
 Forceps

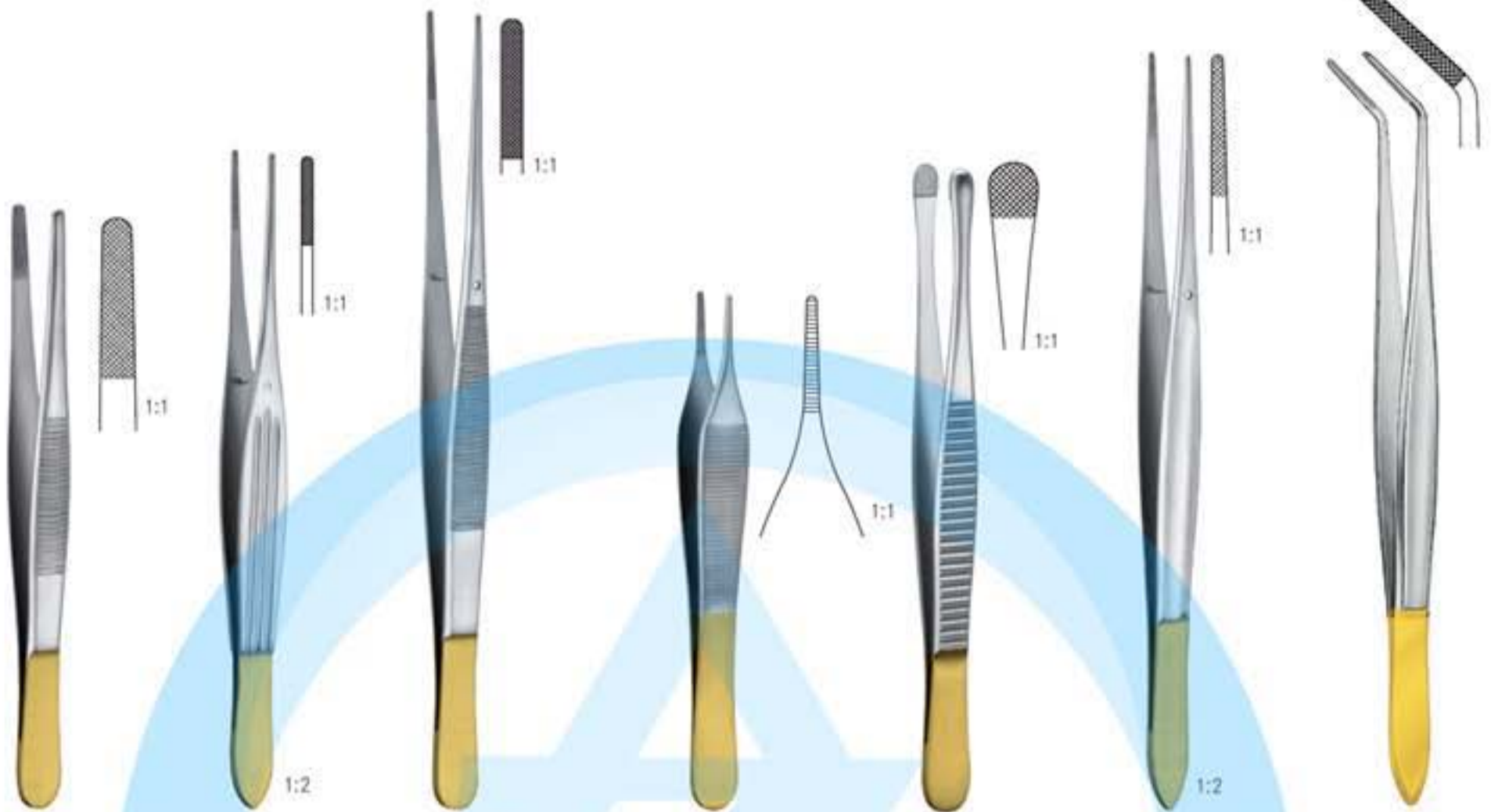
1.2mm Jaw	1.5mm Jaw	2.0mm Jaw	2.8mm Jaw	3.5mm Jaw
17-514 = 12cm	17-520 = 12cm	17-526 = 14.5cm	17-532 = 16cm	17-537 = 16cm
17-515 = 14.5cm	17-521 = 14.5cm	17-527 = 16cm	17-533 = 20cm	17-538 = 20cm
17-516 = 16cm	17-522 = 16cm	17-528 = 20cm	17-534 = 24cm	17-539 = 24cm
17-517 = 20cm	17-523 = 20cm	17-529 = 24cm	17-535 = 30cm	17-540 = 30cm
17-518 = 24cm	17-524 = 24cm	17-530 = 30cm		

1.5mm Jaw	2.8mm Jaw
17-543 = 14.5cm	17-550 = 16cm
17-544 = 16cm	17-551 = 20cm
17-545 = 20cm	17-552 = 24cm
17-546 = 24cm	17-553 = 30cm
17-547 = 30cm	

AZ Wisdom Wise Industries





**THUMB Dressing**  
**T.C GOLD**  
17-560 = 14.5cm  
17-561 = 20cm  
17-562 = 25cm  
17-563 = 30cm

**MCINDOE**  
**T.C GOLD**  
17-565 = 15cm

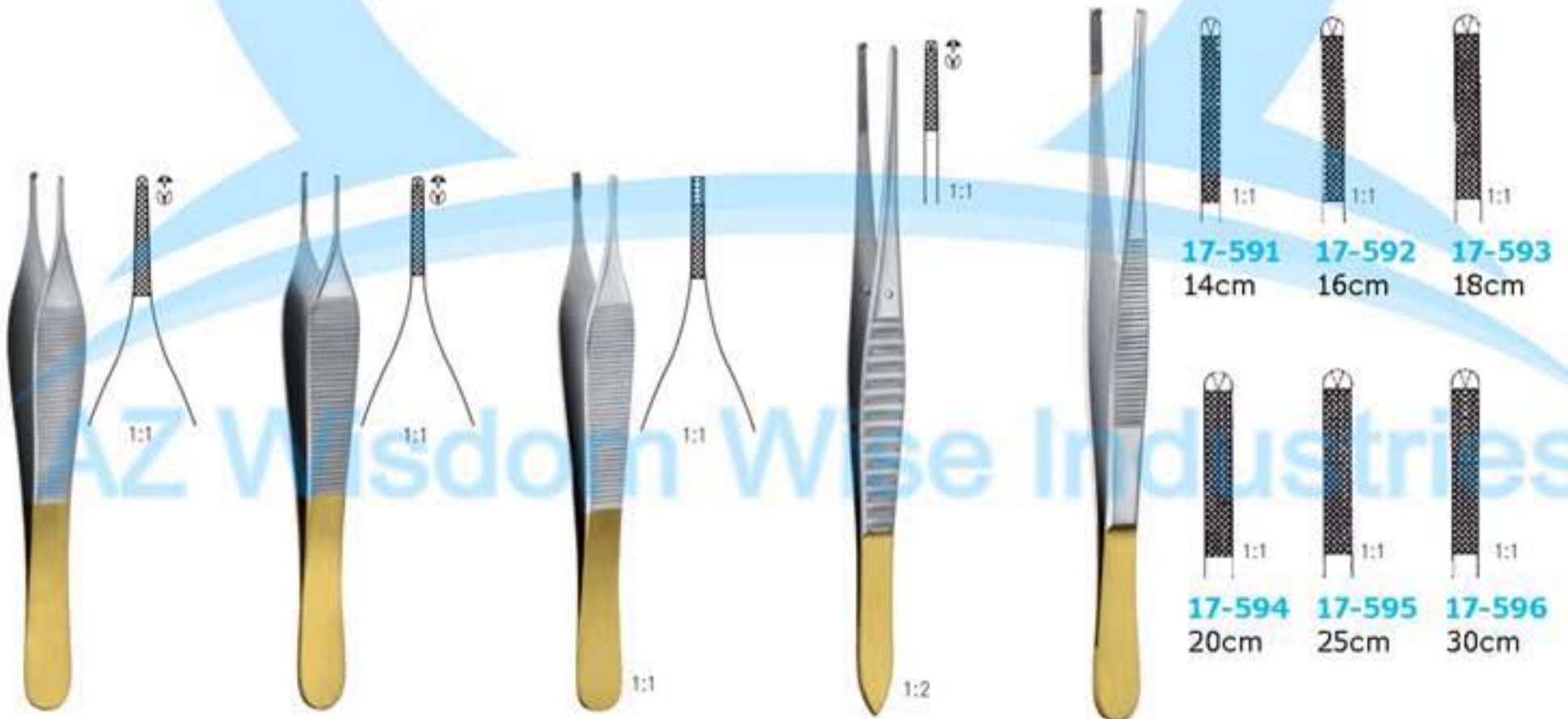
**POTTS - SMITH**  
**T.C GOLD**  
17-567 = 18cm  
17-568 = 21cm  
17-569 = 25cm

**ADSON Dressing**  
**T.C GOLD**  
17-571 = 12cm  
17-572 = 15cm

**WANGENSTEEN**  
**T.C GOLD**  
17-574 = 15cm  
17-575 = 23cm

**CUSHING**  
**T.C GOLD**  
17-577 = 17.5cm

**CUSHING Curved**  
**T.C GOLD**  
17-579 = 17cm



**ADSON Dressing**  
**T.C GOLD**  
17-581 = 12cm  
17-582 = 15cm

**ADSON Micro**  
**T.C GOLD**  
17-584 = 12cm  
17-585 = 15cm

**ADSON BROWN**  
**T.C GOLD**  
17-587 = 12cm

**GILLIES**  
**T.C GOLD**  
17-589 = 15cm

**OEHLER**  
**T.C GOLD**

17-591 = 14cm

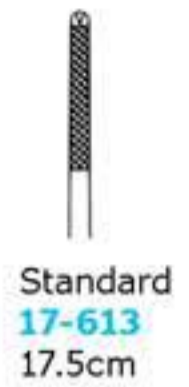
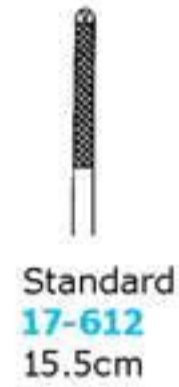
17-592 = 16cm

17-593 = 18cm

17-594 = 20cm

17-595 = 25cm

17-596 = 30cm



**DEBAKEY 1.5mm**  
**T.C GOLD**  
**17-600** = 15cm  
**17-601** = 19cm  
**17-602** = 24cm

**DEBAKEY 2.0mm**  
**T.C GOLD**  
**17-604** = 15cm  
**17-605** = 19cm  
**17-606** = 24cm

**BOONEY**  
 1x2 Teeth  
**T.C GOLD**  
**17-608**  
 17.5cm

**GERALD**  
 1x2 Teeth  
**T.C GOLD**  
**17-610**  
 17.5cm

**SEMKEN**  
 1x2 Teeth  
**T.C GOLD**



**CUSHING**  
**T.C GOLD**  
**17-617**  
 18cm

**TAYLOR**  
**T.C GOLD**  
**17-619**  
 18cm

**POTTS - SMITH**  
**T.C GOLD**

**JABOMA**  
 Dressing  
**T.C GOLD**  
**17-628**  
 18cm

**JABOMA**  
 Intestinal  
 Grasping  
 1x2 Teeth  
**T.C GOLD**  
**17-629**  
 18cm

**JABOMA**  
 Angled  
 1x2 Teeth  
**T.C GOLD**  
**17-630**  
 18cm



**FEILCHENFELD**  
 Fine  
 Welded End



**FEILCHENFELD**  
 Fine (Bended)  
 Turn Over End



**HUNTER**  
 Straight  
 17-640  
 10.5cm



**HUNTER**  
 Curved  
 17-642  
 10.5cm



**WALTER CARMALT**  
 Straight  
 17-644  
 10.5cm



**WALTER CARMALT**  
 Curved  
 17-646  
 10.5cm



**SPLINTER** Tweezer 8cm  
 With Magnifying  
 Glass And Frame  
 17-648



**PLATEAU TYING**  
 Forceps 0.3mm  
 17-650  
 12cm



**SPLINTER**  
 17-652 = 10cm  
 17-653 = 12cm



**MICROSCOPIC**  
Plain Jaw  
Straight  
**17-655**  
10cm



**MICROSCOPIC**  
Plain Jaw  
45 Degree Angled  
**17-657**  
10cm



**MICROSCOPIC**  
Plain Jaw  
Round Curved  
**17-659**  
10cm

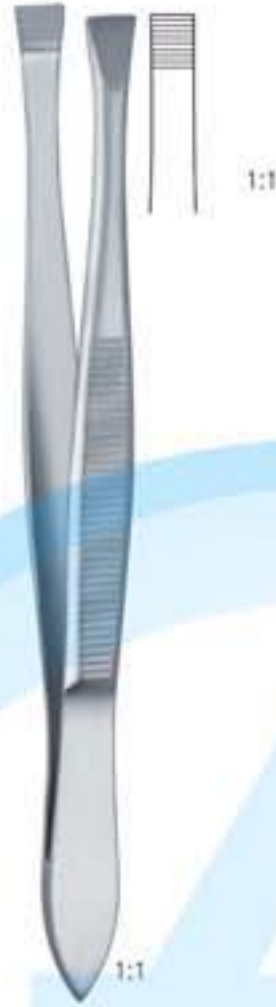


**MICROSCOPIC**  
Plain Jaw  
Straight  
Cross Action  
**17-661**  
10cm

AZ Wisdom Wise Industries



**BEER**  
17-670  
9cm



**DOUGLAS**  
5.5mm  
17-672  
9cm



**DOUGLAS**  
2.5mm  
17-674  
9cm



**LITTAUER**  
17-676  
8.5cm



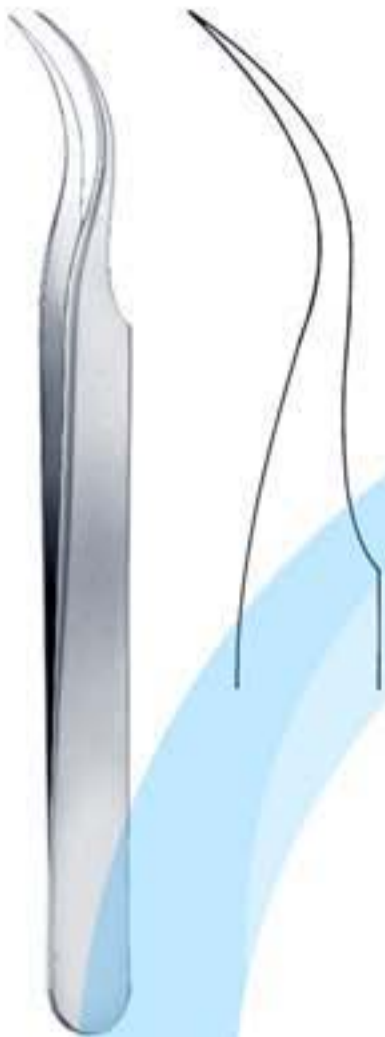
**LITTAUER**  
Curved  
17-678  
9cm



**GRADLE**  
17-680  
9.5cm



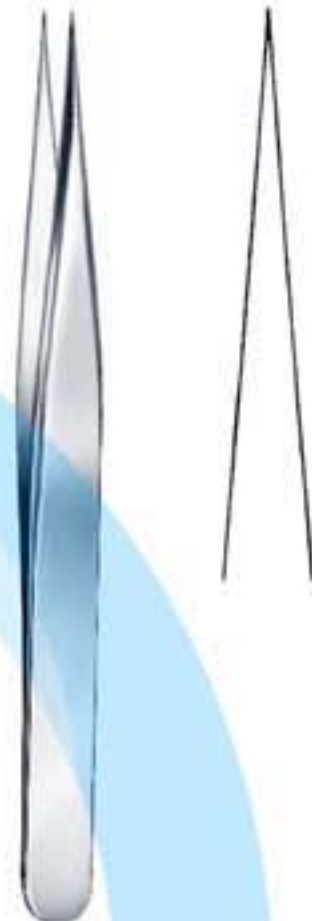
**BARRAQUER**  
17-682  
10.5cm



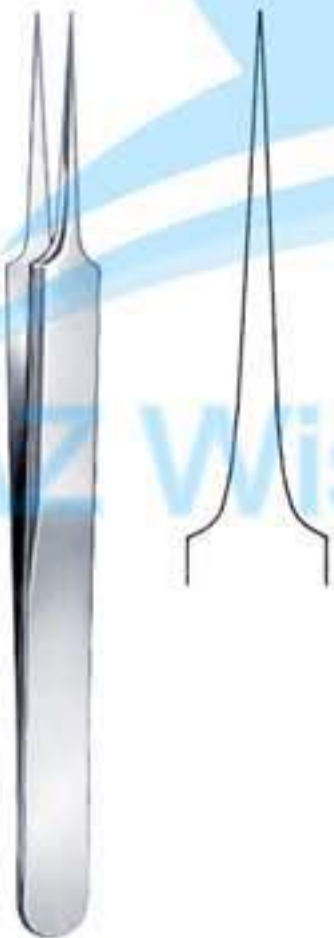
**MICROSCOPIC JEWELER** - Type  
Curved  
No. 7  
**17-684**  
12cm



**MICROSCOPIC JEWELER** - Type  
Straight  
No. 3  
**17-686**  
12cm



**MICROSCOPIC JEWELER** - Type  
Straight  
No. 3C  
**17-688**  
12cm



**MICROSCOPIC JEWELER** - Type  
Straight  
No. 5  
**17-690**  
11cm



**MICROSCOPIC JEWELER** - Type  
Straight  
No. 4  
**17-692**  
11cm

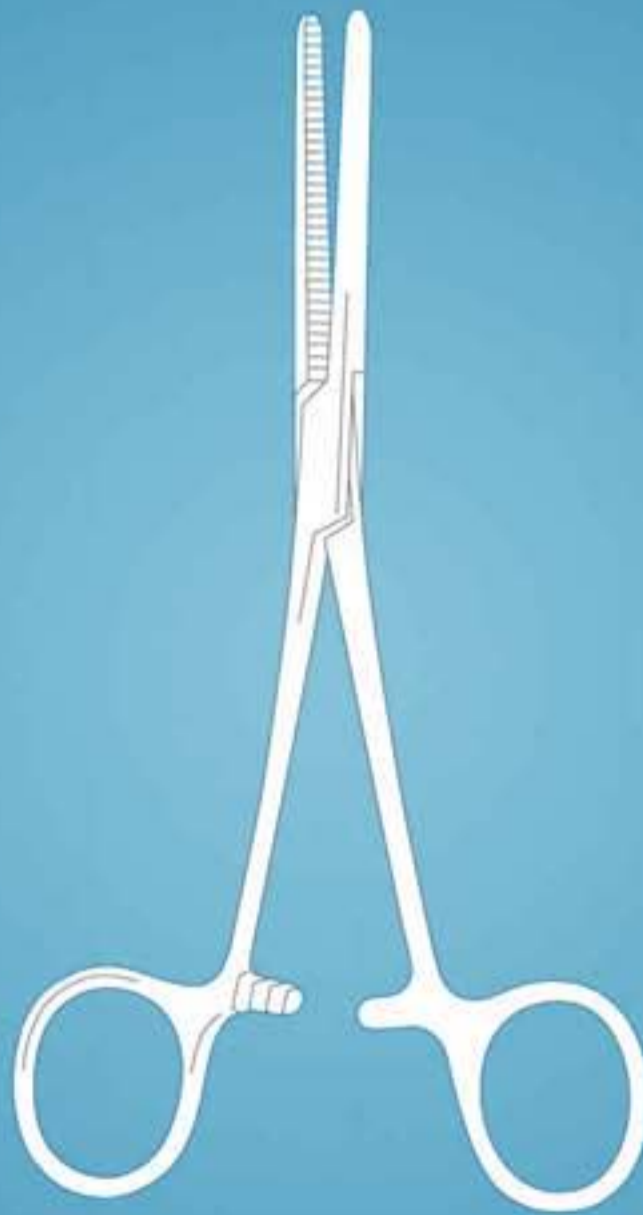


**MICROSCOPIC JEWELER** - Type  
Angled Down  
**17-694**  
11cm

Arterienklemmen  
Haemostatic Forceps  
Pinzas hemostáticas  
Pincés hémostatiques  
Pinze emostatiche

**18**

**94 - 123**



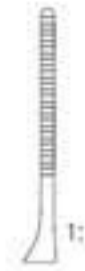
y = Serrated Jaw Part  
x = Full Length



y = 8mm  
**18-013**  
x = 5cm



y = 12mm  
**18-014**  
x = 5cm



y = 16mm  
**18-015**  
x = 5cm



y = 20mm  
**18-016**  
x = 6cm

**DIEFFENBACH**  
Straight  
**18-001** = 3.5cm  
**18-002** = 5.0cm  
**18-003** = 6.0cm

**DIEFFENBACH**  
Curved  
**18-005** = 3.5cm  
**18-006** = 5.0cm  
**18-007** = 6.0cm

**JOHNS HOPKINS**  
**18-009** = 5.0cm  
**18-010** = 6.5cm  
**18-011** = 7.5cm

**DIETRICH**



y = 8mm  
**18-018**  
x = 5cm



y = 12mm  
**18-019**  
x = 5cm



y = 16mm  
**18-020**  
x = 5cm



y = 20mm  
**18-021**  
x = 6cm



Straight  
**18-023**  
9cm  
**18-024**  
10cm



Curved  
**18-025**  
9cm  
**18-026**  
10cm



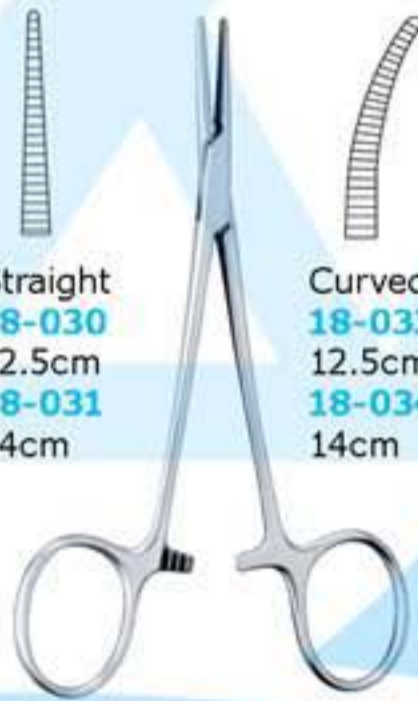
**HARTMANN**



**TERRIER** 1x2 Teeth  
**18-028**  
8.5cm



Straight  
**18-030**  
12.5cm  
**18-031**  
14cm



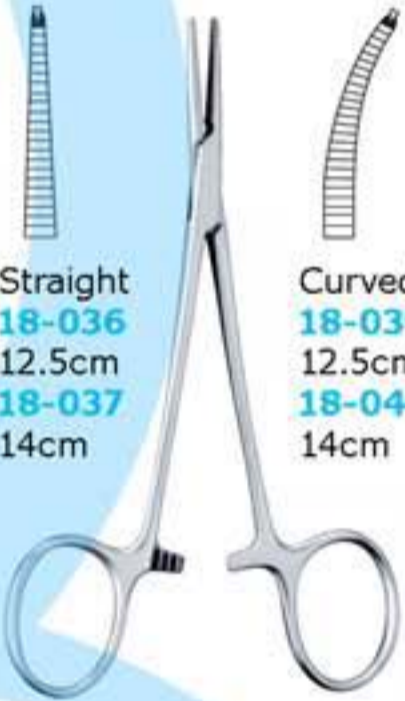
**HALSTEAD - MOSQUITO**



Curved  
**18-033**  
12.5cm  
**18-034**  
14cm



Straight  
**18-036**  
12.5cm  
**18-037**  
14cm



**HALSTEAD - MOSQUITO**  
1x2 Teeth



Curved  
**18-039**  
12.5cm  
**18-040**  
14cm



Straight  
**18-042**  
10cm  
**18-043**  
12.5cm



Curved  
**18-044**  
10cm  
**18-045**  
12.5cm



**MICRO HALSTEAD MOSQUITO** Light



Straight  
**18-047**  
10cm  
**18-048**  
12.5cm



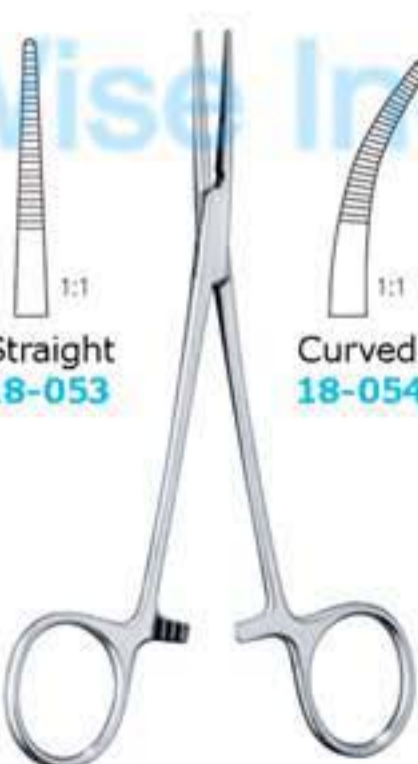
Curved  
**18-050**  
10cm  
**18-051**  
12.5cm



**MICRO HALSTEAD MOSQUITO** Light  
1x2 Teeth



Straight  
**18-053**



**PROVIDENCE - HOSPITAL**  
Halstead Mosquito  
14cm



Curved  
**18-054**



Fine Jaw  
**18-056**



**KROENIEIN** Dressing  
Forceps Straight 14cm



Wide Jaw  
**18-057**





18-060

18-061  
1x2 Teeth



**MOSQUITO - DANDY**  
Curved To The Side  
18-063  
12cm



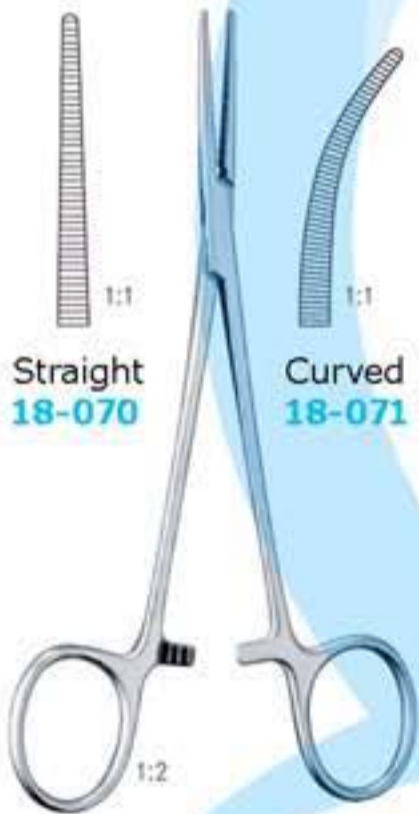
**CHRISTOPHE**  
Curved  
18-065 = 13cm  
18-066 = 15cm



18-068

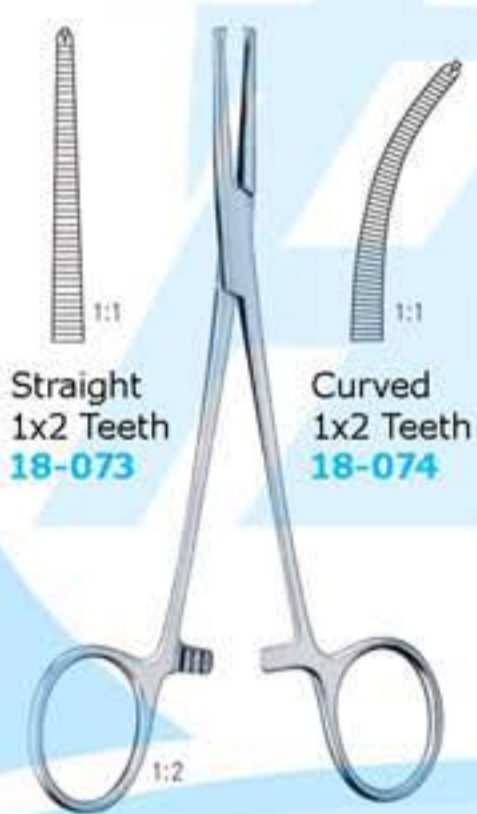
18-069  
1x2 Teeth

**LOVELACE**  
15.5cm



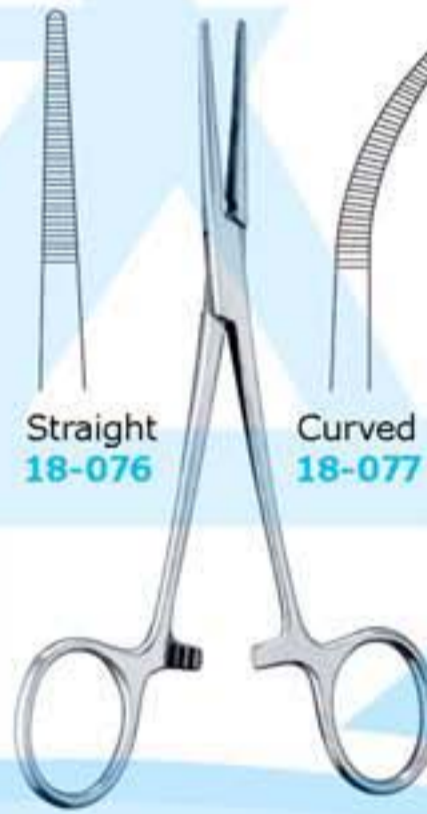
Straight  
18-070

Curved  
18-071



Straight  
1x2 Teeth  
18-073

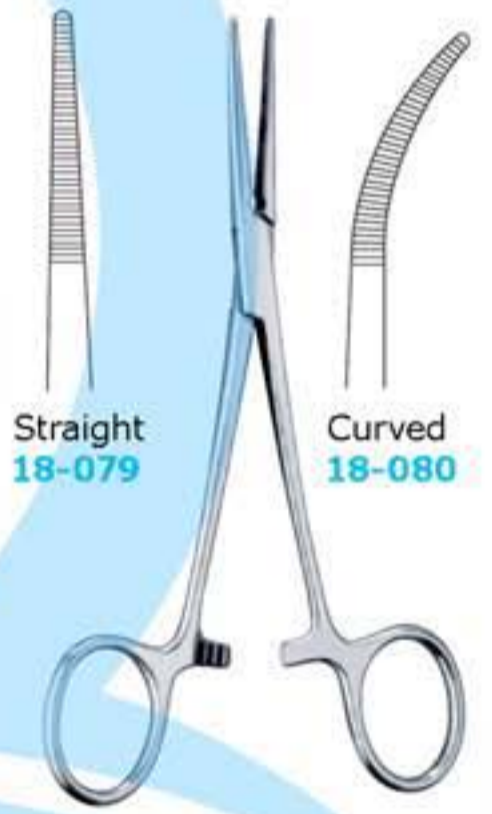
Curved  
1x2 Teeth  
18-074



Straight  
18-076

Curved  
18-077

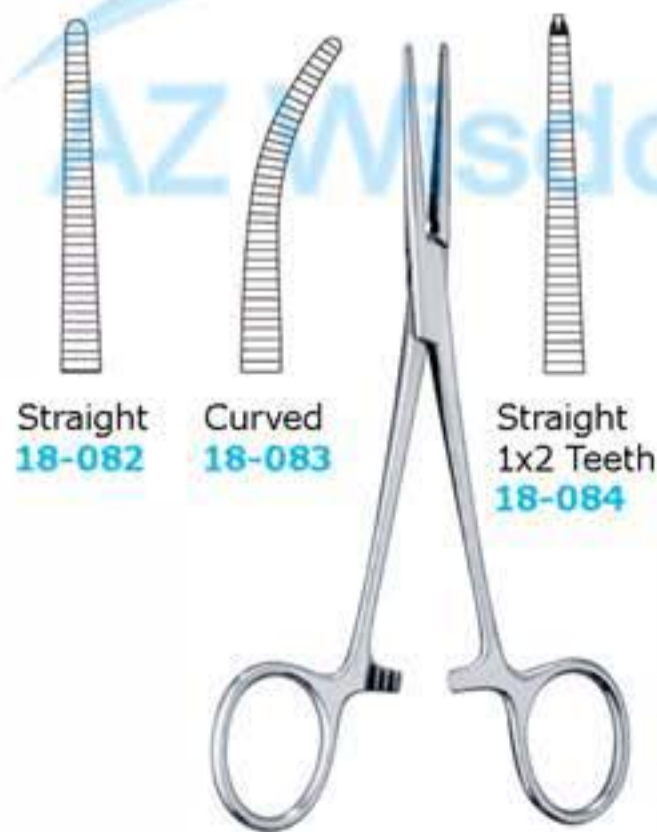
**KELLY**  
14cm



Straight  
18-079

Curved  
18-080

**KELLY - RANKIN**  
16cm



Straight  
18-082

Curved  
18-083

Straight  
1x2 Teeth  
18-084

Curved  
1x2 Teeth  
18-085

**CRILE**  
14cm



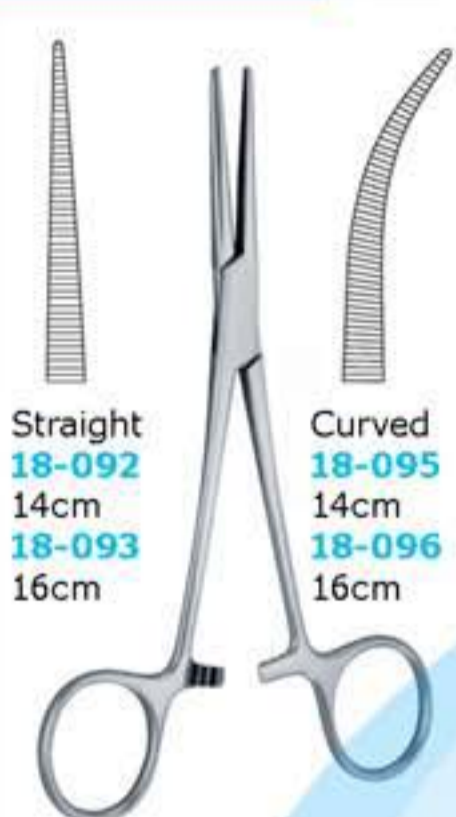
Straight  
18-087

Curved  
18-088

Straight  
1x2 Teeth  
18-089

Curved  
1x2 Teeth  
18-090

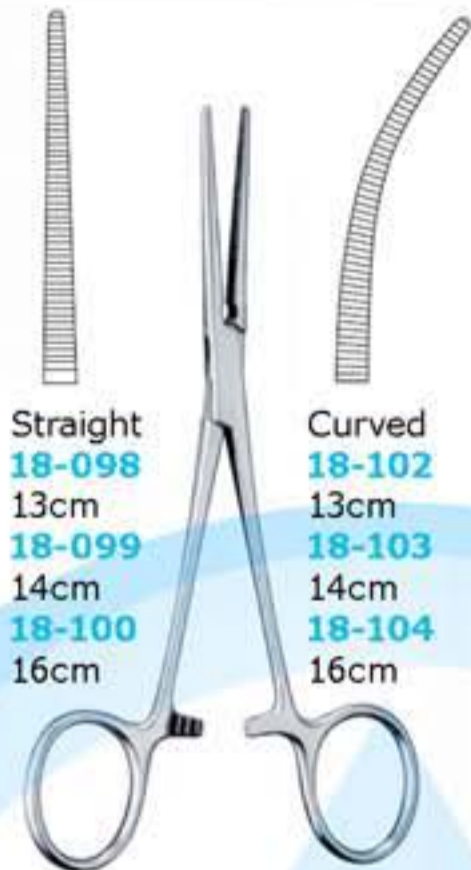
**CRILE - RANKIN**  
16cm



Straight  
**18-092**  
14cm  
**18-093**  
16cm

Curved  
**18-095**  
14cm  
**18-096**  
16cm

**COLLER**



Straight  
**18-098**  
13cm  
**18-099**  
14cm  
**18-100**  
16cm

Curved  
**18-102**  
13cm  
**18-103**  
14cm  
**18-104**  
16cm

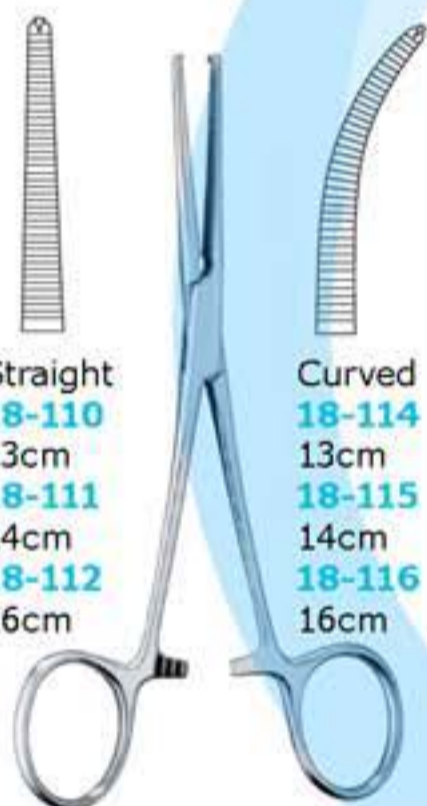
**PÉAN**  
Delicate Pattern



**DUNHILL**  
**18-106**  
12.5cm



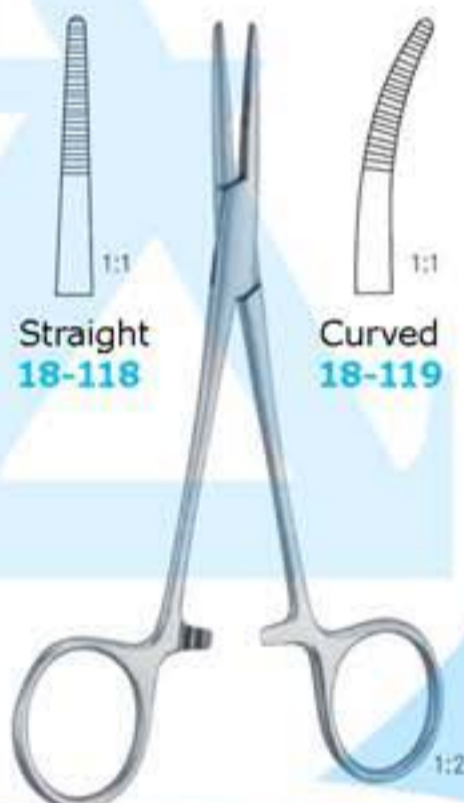
**DUNHILL Curved**  
**18-108**  
18.5cm



Straight  
**18-110**  
13cm  
**18-111**  
14cm  
**18-112**  
16cm

Curved  
**18-114**  
13cm  
**18-115**  
14cm  
**18-116**  
16cm

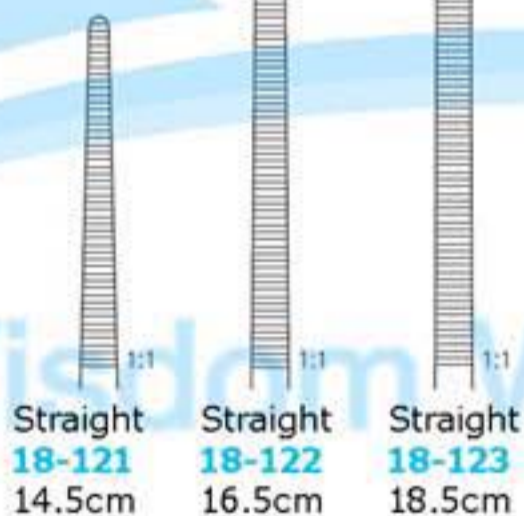
**KOCHER** 1x2 Teeth  
Delicate Pattern



Straight  
**18-118**

Curved  
**18-119**

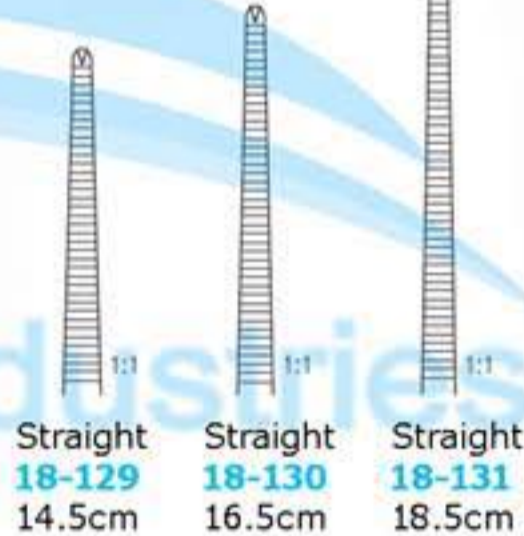
**CAIRNS**  
15cm



Straight  
**18-121**  
14.5cm

Straight  
**18-122**  
16.5cm

Straight  
**18-123**  
18.5cm



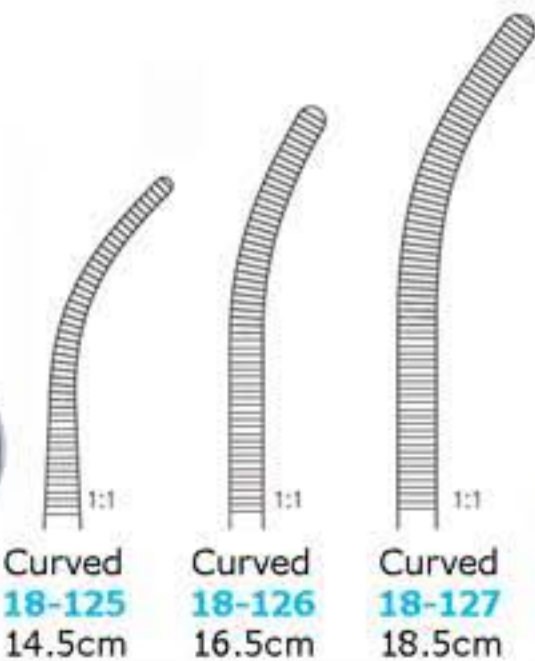
Straight  
**18-129**  
14.5cm

Straight  
**18-130**  
16.5cm

Straight  
**18-131**  
18.5cm



**PÉAN Fino**



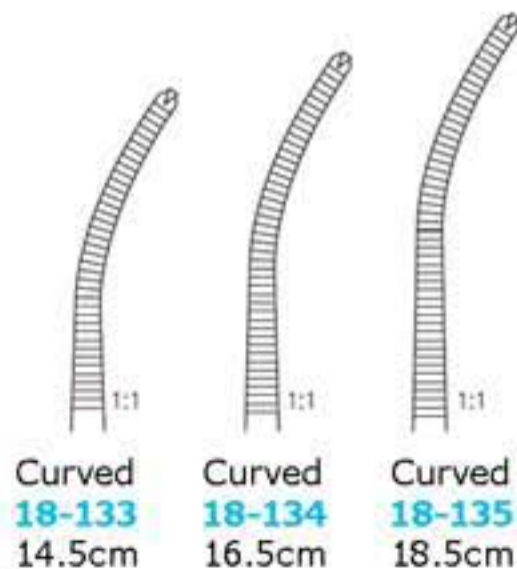
Curved  
**18-125**  
14.5cm

Curved  
**18-126**  
16.5cm

Curved  
**18-127**  
18.5cm



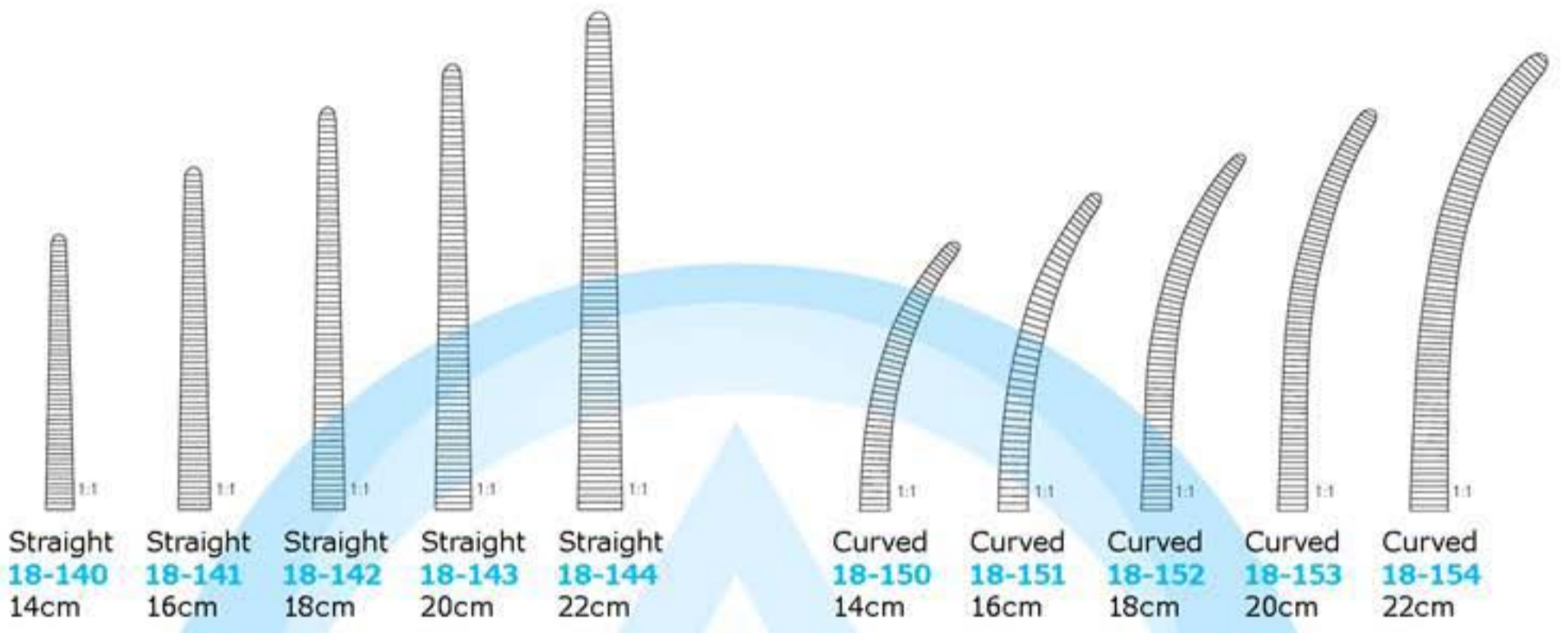
**KOCHER Fino** 1x2 Teeth



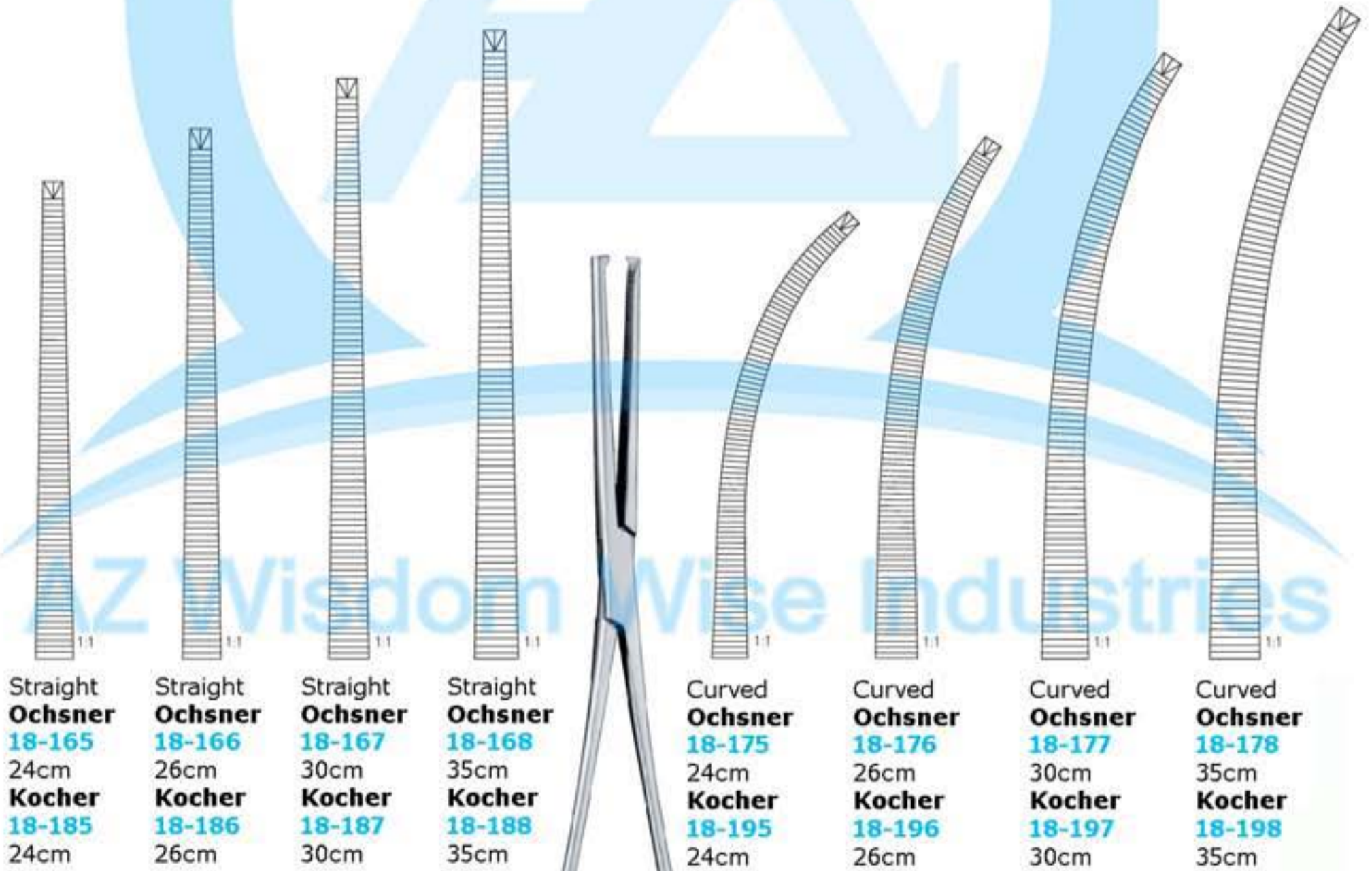
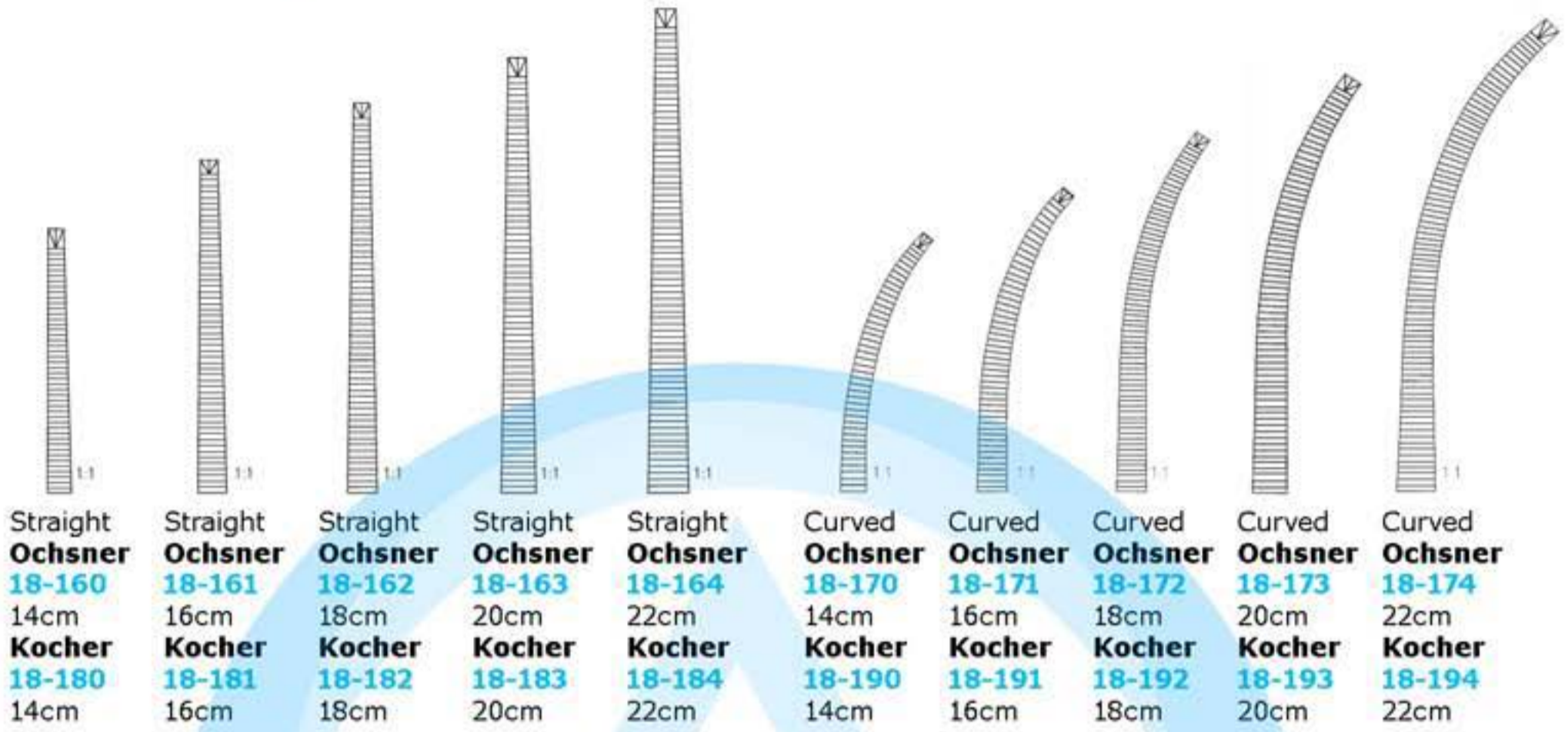
Curved  
**18-133**  
14.5cm

Curved  
**18-134**  
16.5cm

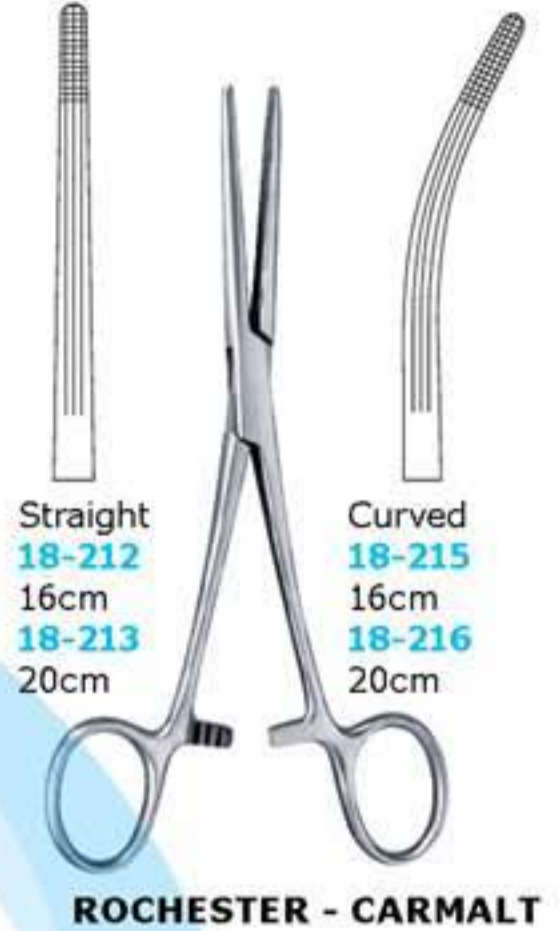
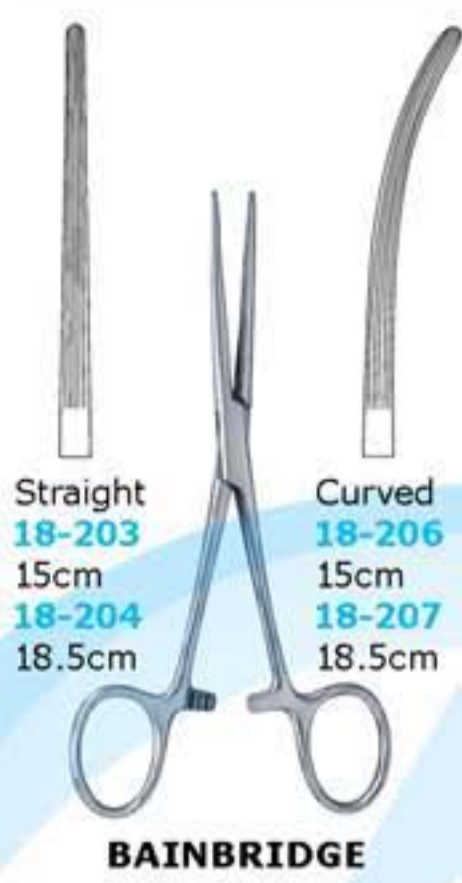
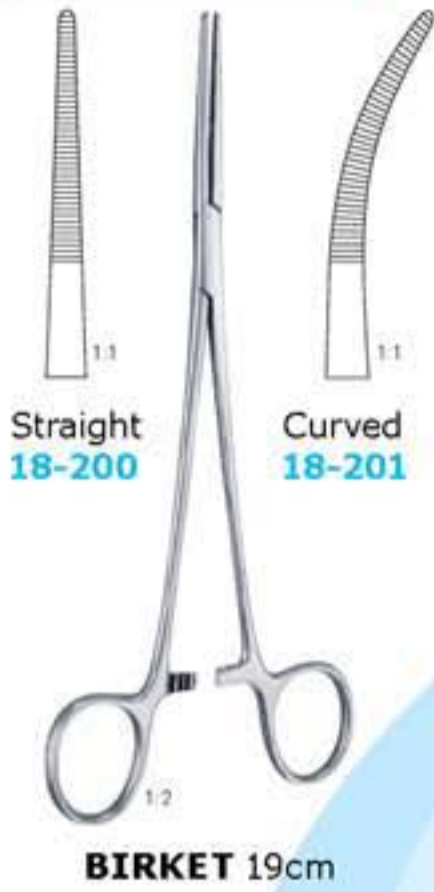
Curved  
**18-135**  
18.5cm



**ROCHESTER - PÉAN**



**ROCHESTER - OCHSNER** 1x2 Teeth  
+  
**ROCHESTER - KOCHER** 1x2 Teeth





Straight <b>18-250</b> 18cm <b>18-251</b> 21cm	Curved <b>18-253</b> 18cm <b>18-254</b> 21cm	Straight <b>18-256</b> 18cm <b>18-257</b> 21cm	Curved <b>18-259</b> 18cm <b>18-260</b> 21cm	Straight <b>18-262</b> 20cm <b>18-263</b> 26cm	Curved <b>18-265</b> 20cm <b>18-266</b> 26cm	Straight <b>18-268</b> 20cm <b>18-269</b> 26cm	Curved <b>18-271</b> 20cm <b>18-272</b> 26cm
--	--	--	--	--	--	--	--

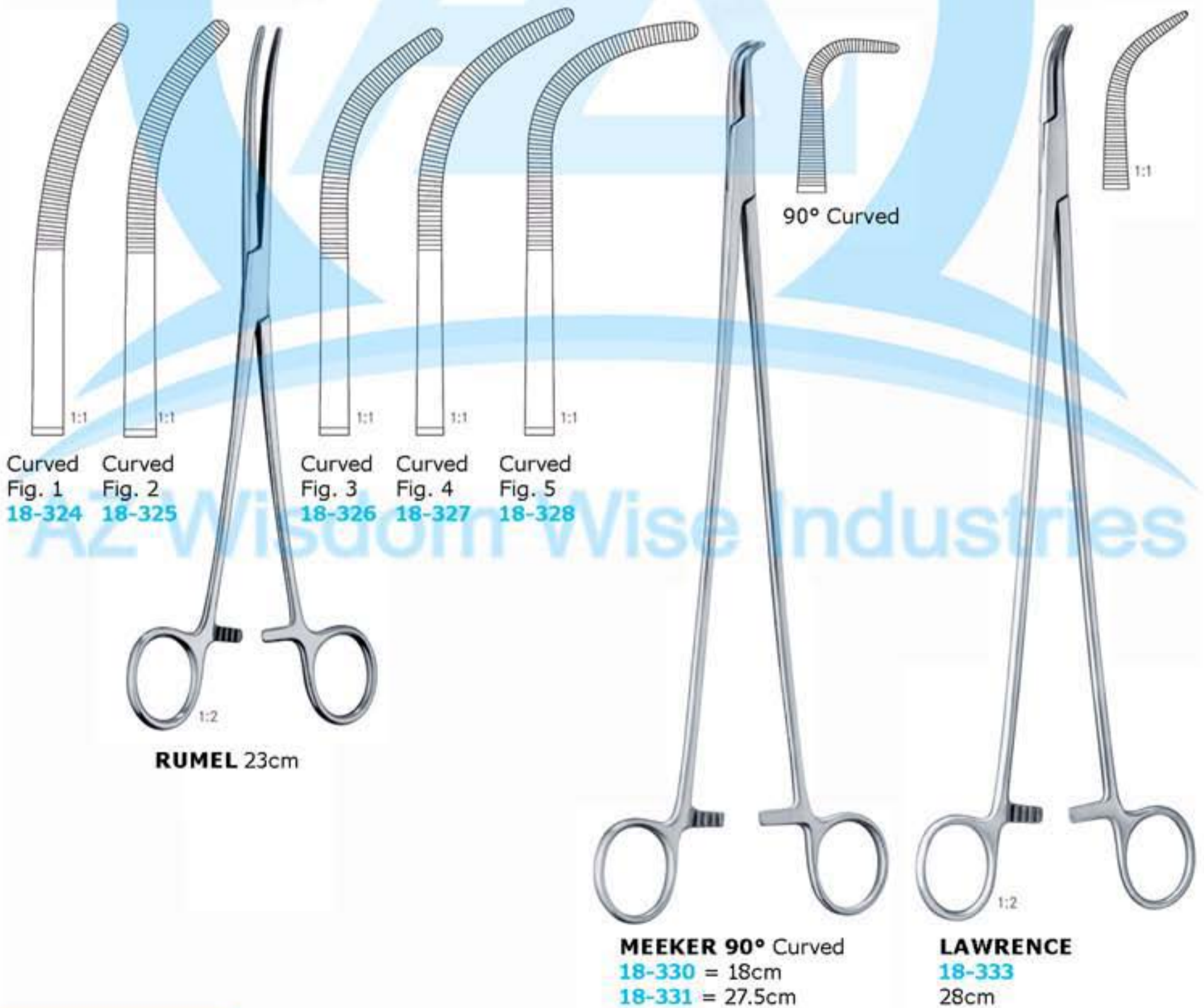
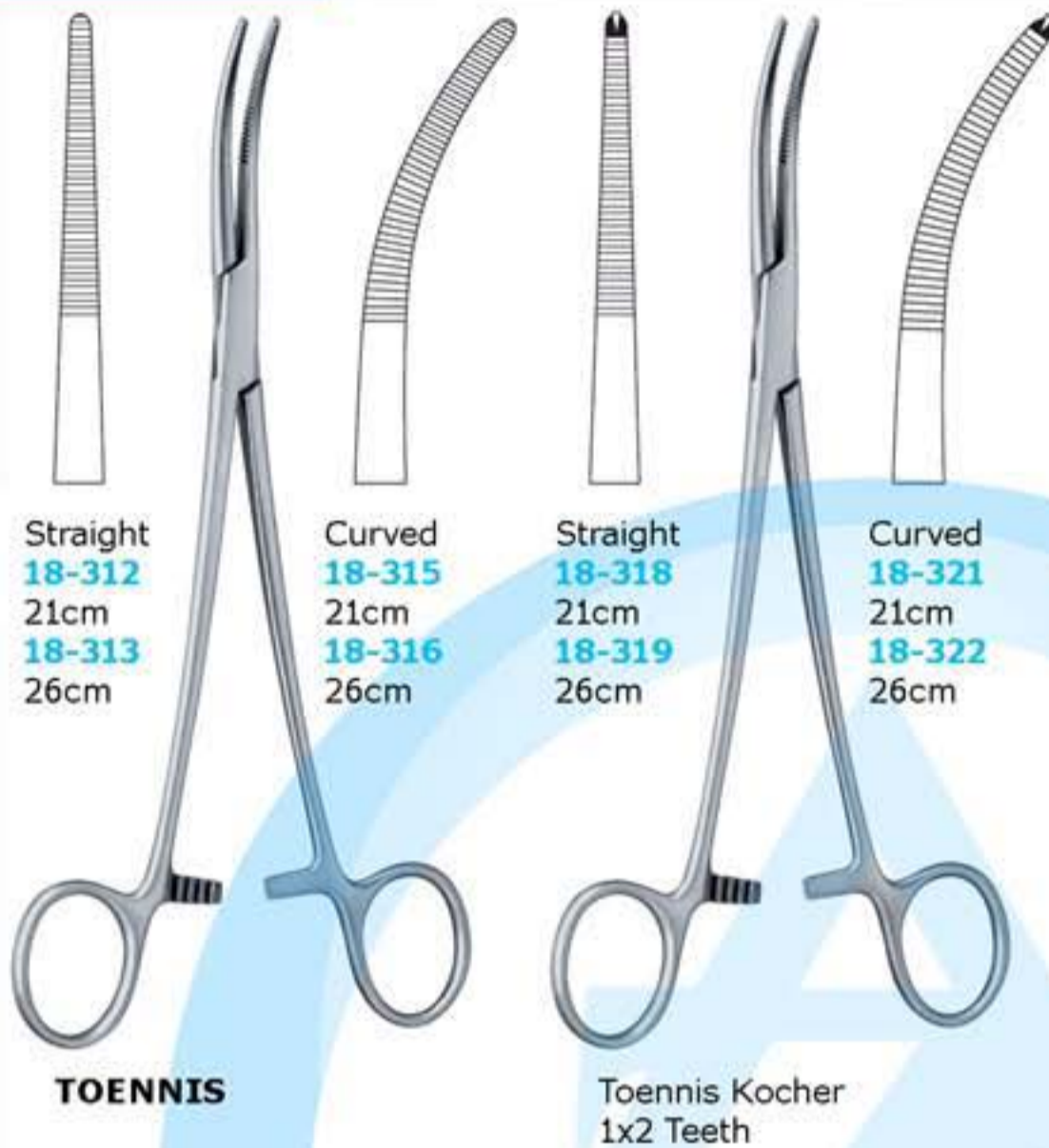
**HALSTEAD MOSQUITO**      **HALSTEAD MOSQUITO** Kocher 1x2 Teeth      **BENGOLEA**      **BENGOLEA - KOCHER** 1x2 Teeth



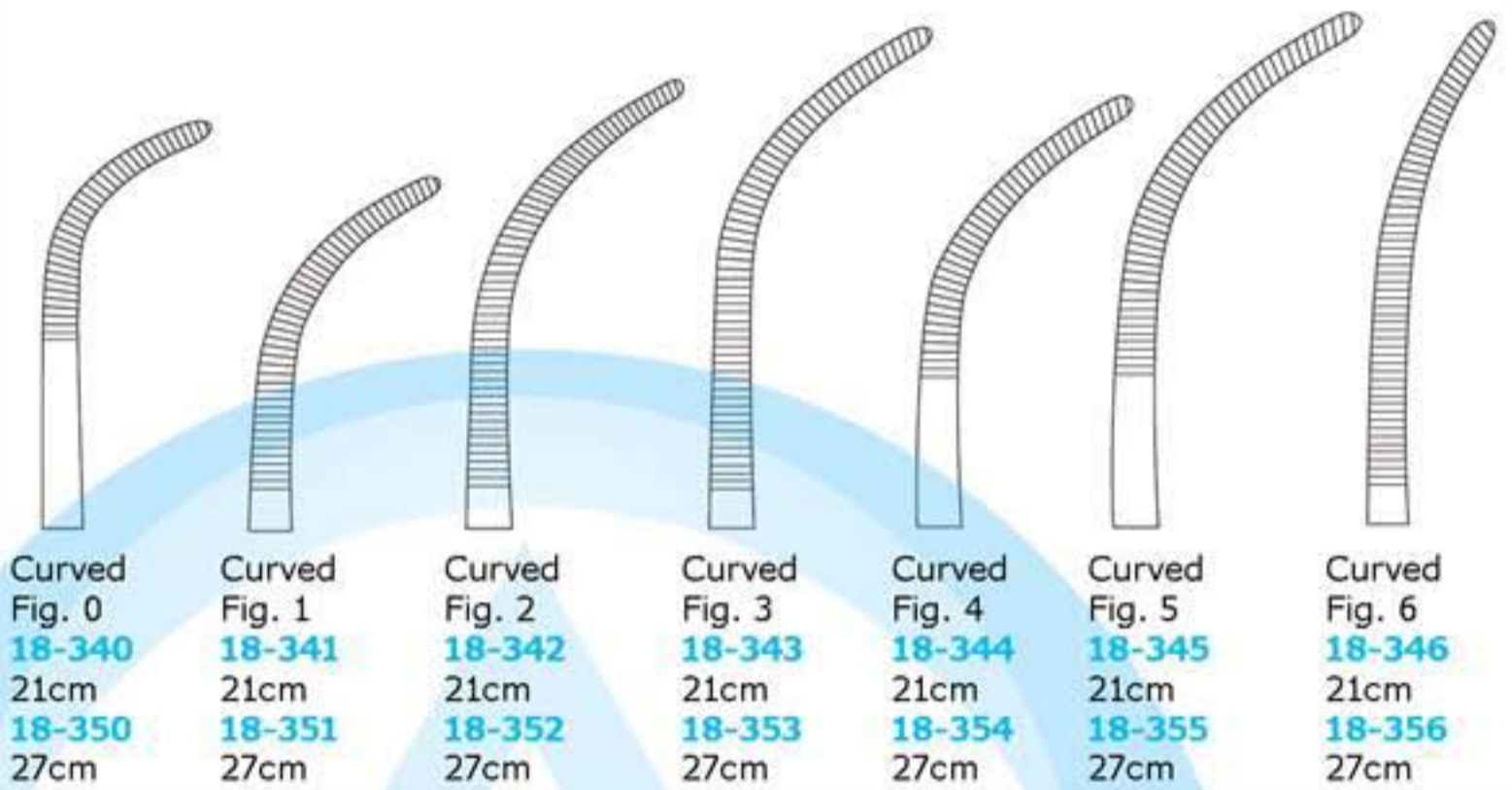
Straight <b>18-274</b>	Curved <b>18-275</b>	Straight <b>18-277</b>	Curved <b>18-278</b>	Straight <b>18-280</b>	Slightly Curved <b>18-281</b>	Strong Curved <b>18-282</b>
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**ADSON** 18.5cm      **ADSON KOCHER** 1x2 Teeth 18.5cm      **HEISS** 20cm

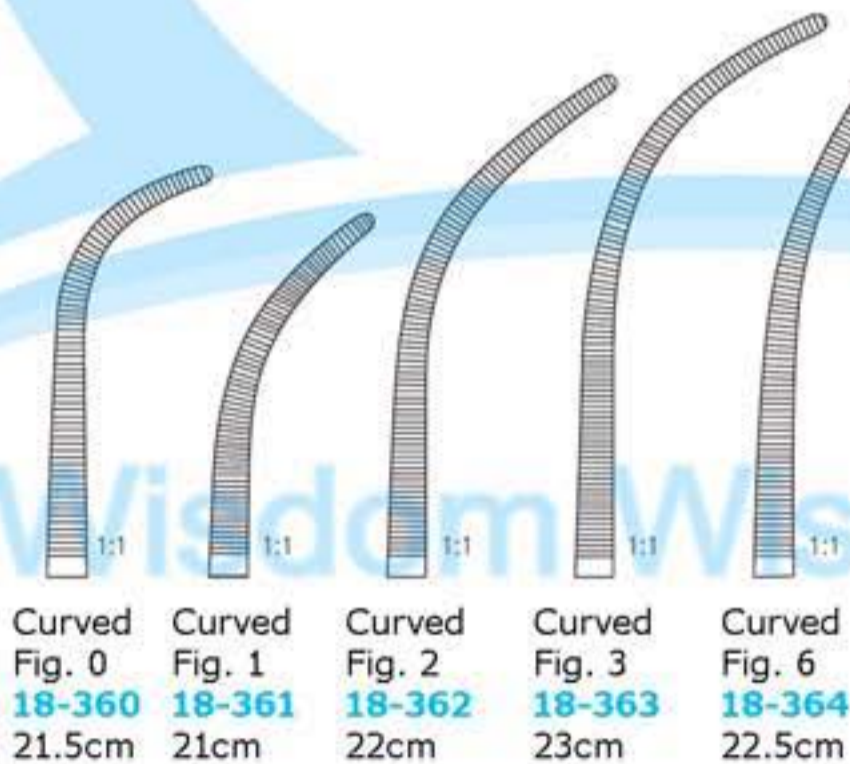




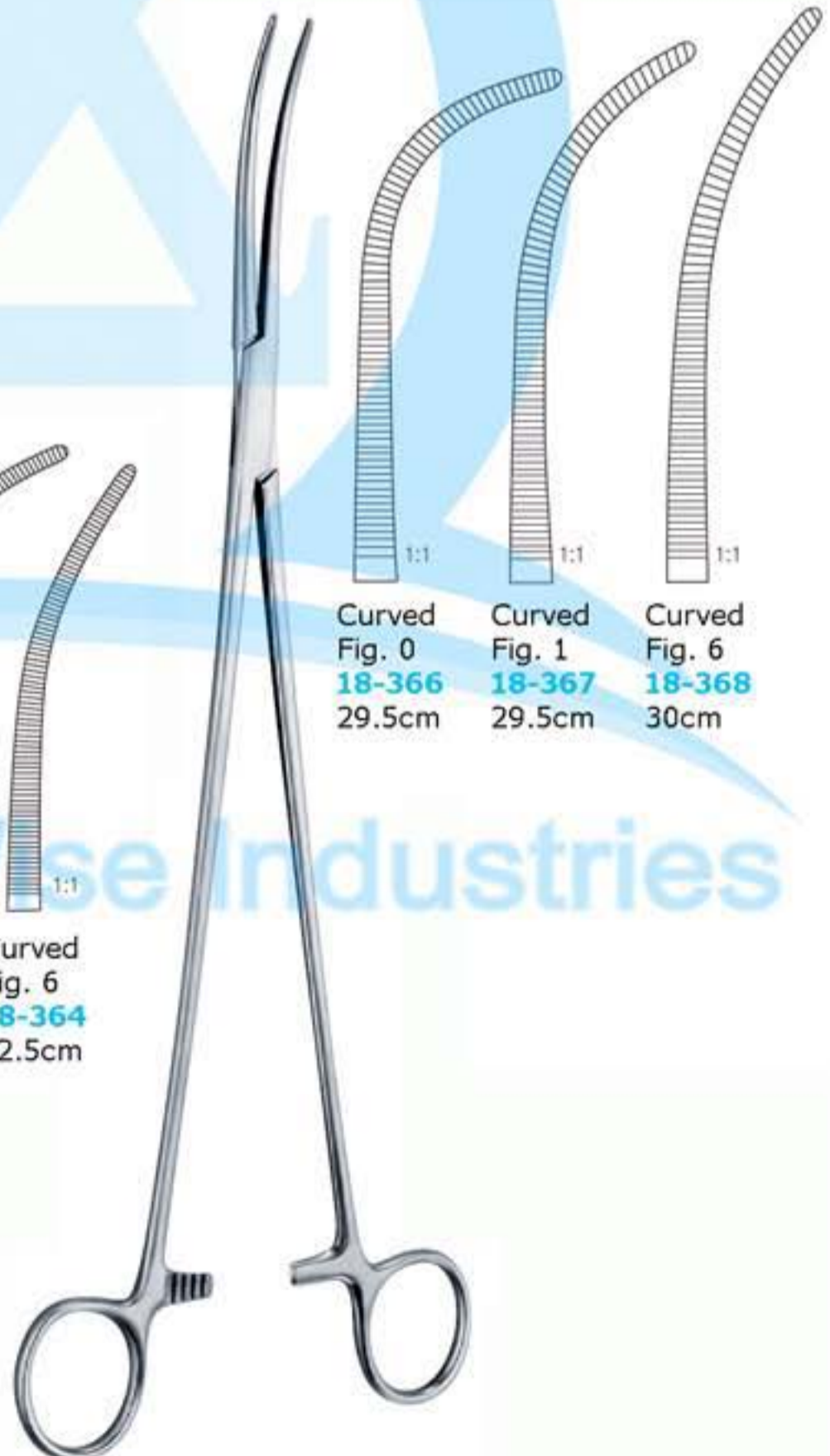




**OVERHOLT - GEISSENDOERFER**



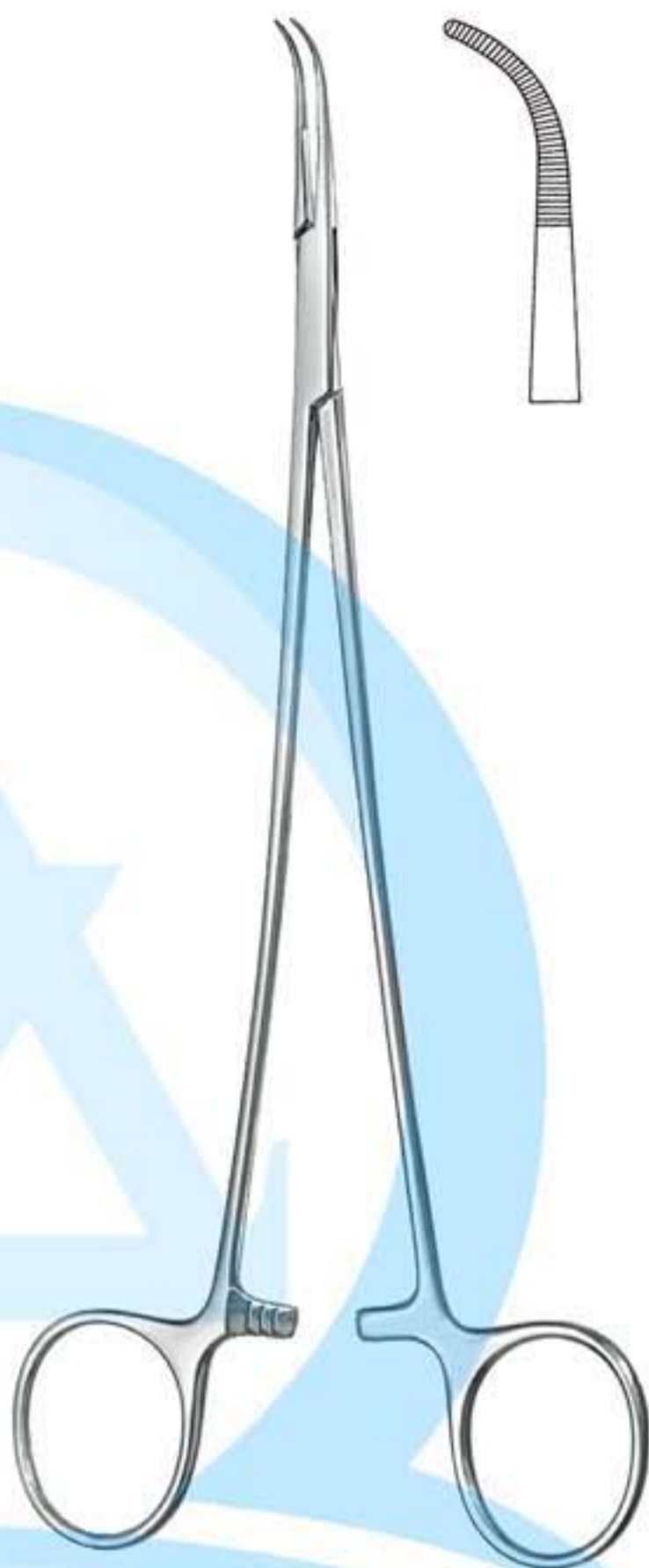
**OVERHOLT - Fino**



**OVERHOLT**

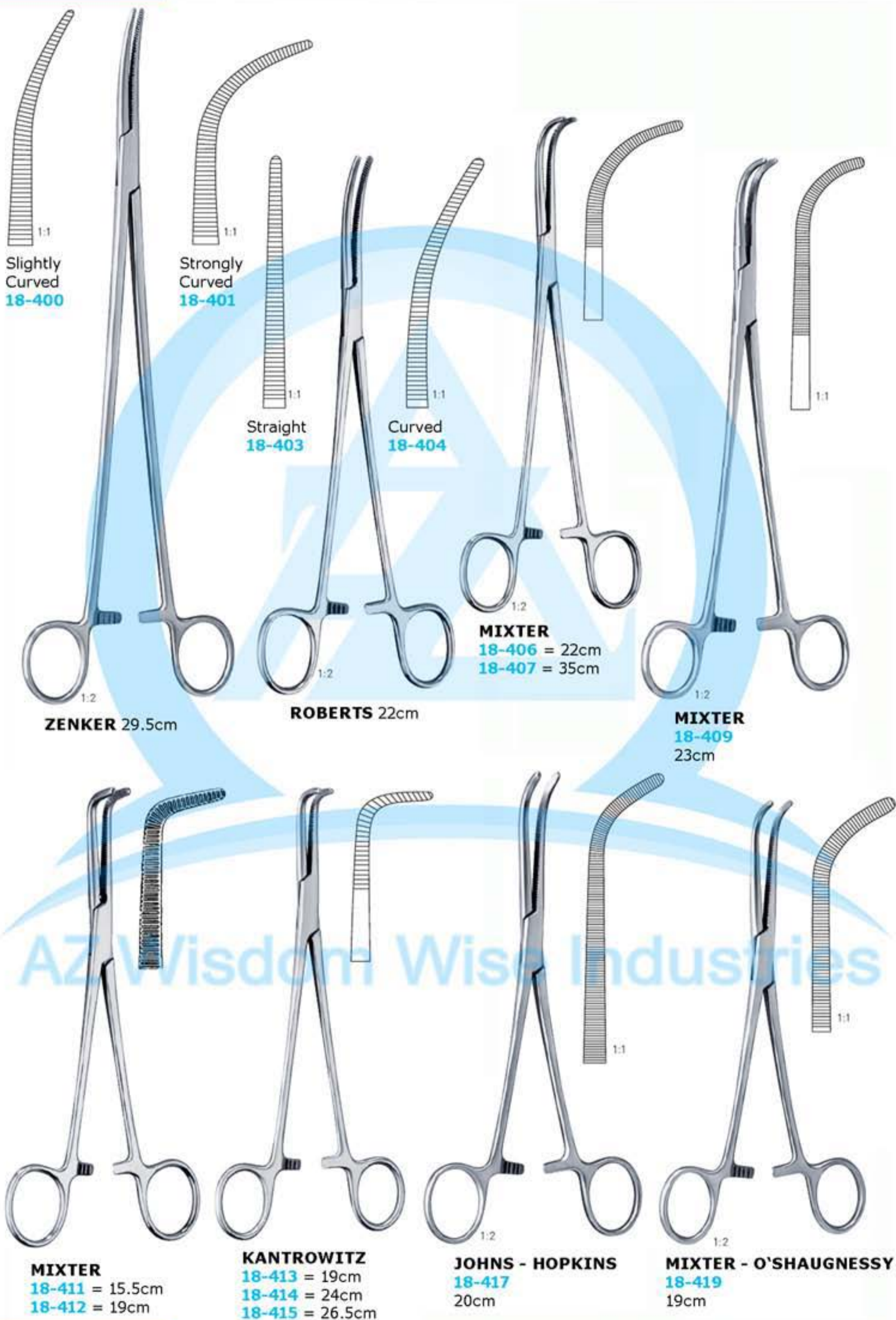


**OVERHOLT - MINI**  
S - Curved  
**18-390**  
15cm



**OVERHOLT - MINI**  
**18-392**  
20cm

AZ Wisdom Wise Industries



Slightly Curved  
 18-400

Strongly Curved  
 18-401

Straight  
 18-403

Curved  
 18-404

MIXTER  
 18-406 = 22cm  
 18-407 = 35cm

ZENKER 29.5cm

ROBERTS 22cm

MIXTER  
 18-409  
 23cm

MIXTER  
 18-411 = 15.5cm  
 18-412 = 19cm

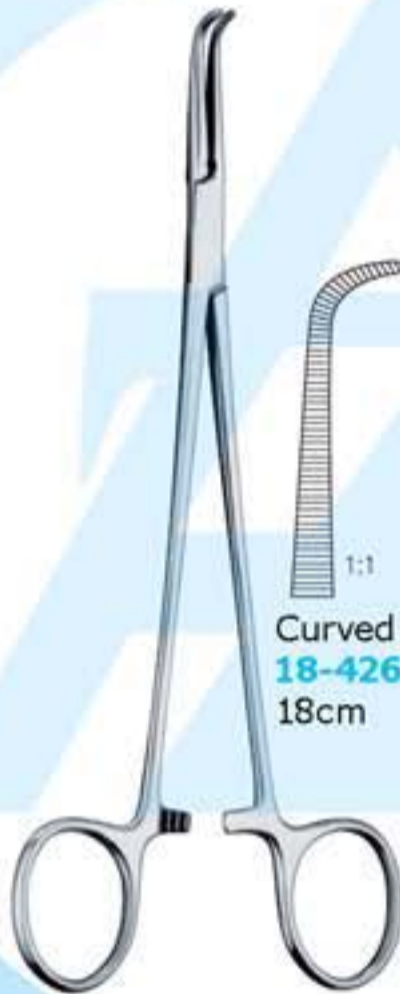
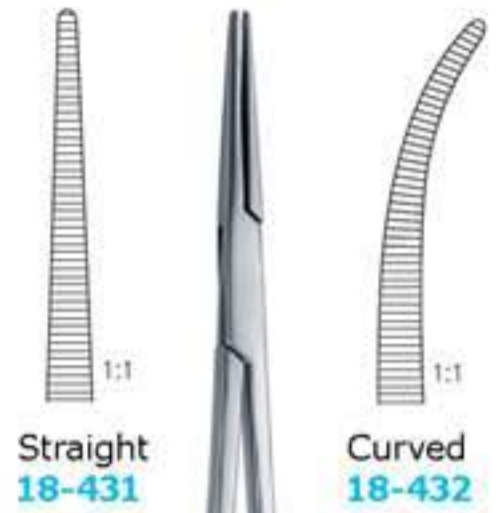
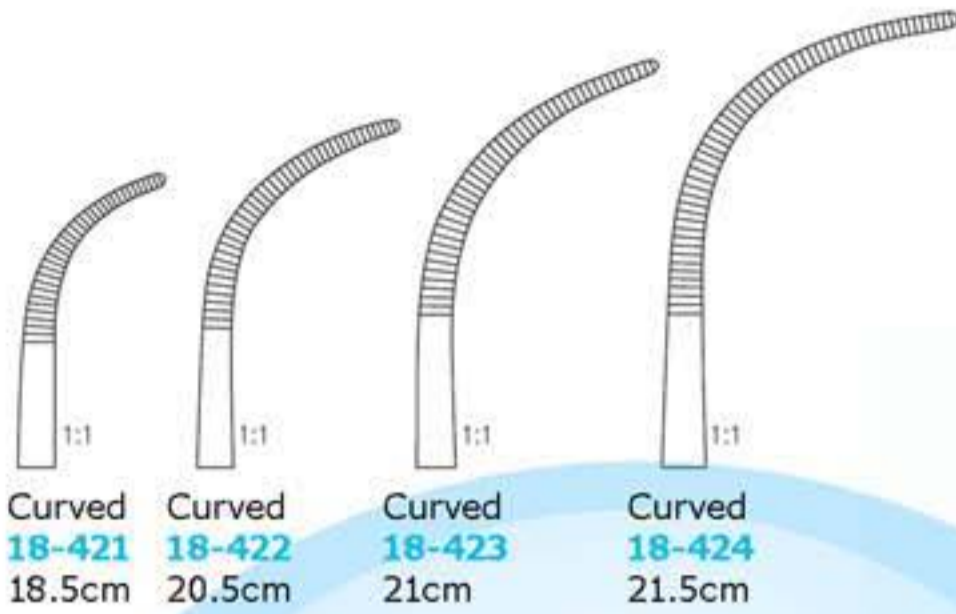
KANTROWITZ  
 18-413 = 19cm  
 18-414 = 24cm  
 18-415 = 26.5cm

JOHNS - HOPKINS  
 18-417  
 20cm

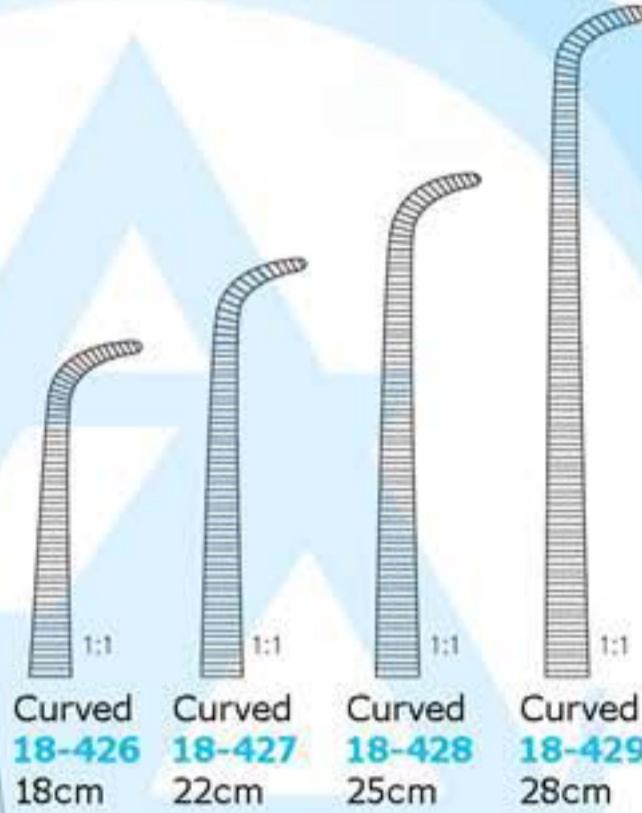
MIXTER - O'SHAUGHNESSY  
 18-419  
 19cm



**OVERHOLT**  
Modifiziert  
S - Curved



**MINI - GEMINI**



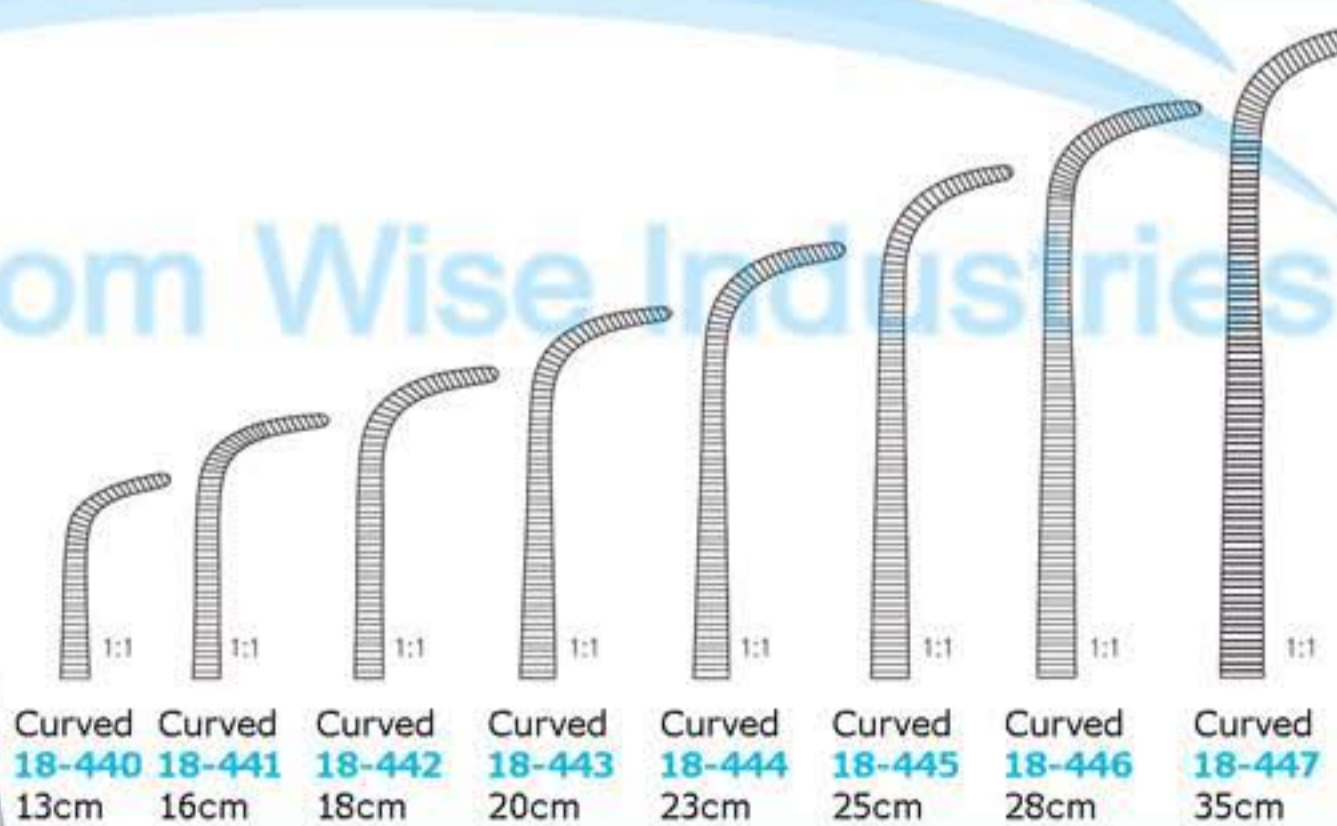
**BRIDGE** 28cm



**OVERHOLT MIXTER**  
**18-434**  
21cm



**GEMINI**





**WICKSTRÖM**  
 18-450 = 21cm  
 18-451 = 24cm

**CRAFOORD**  
 18-453 = 18cm  
 18-454 = 24cm

Straight  
 18-456  
 24cm  
 18-457  
 35cm

Curved  
 18-459  
 24cm  
 18-460  
 35cm

**SAROT**



Fig. 1  
 18-464

Fig. 2  
 18-465

**DEAN - SHALLCROSS**  
 18-462  
 18cm

**NEGUS** 19cm



**LIGATURE**  
Straight Smooth  
**18-470**  
12.5cm

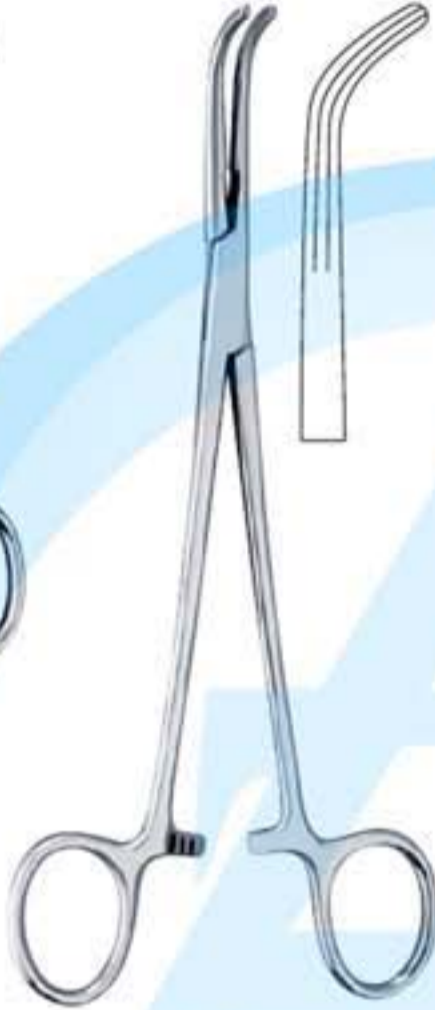


**LIGATURE**  
Curved Serrated  
**18-472**  
12cm

AZ Wisdom Wise Industries



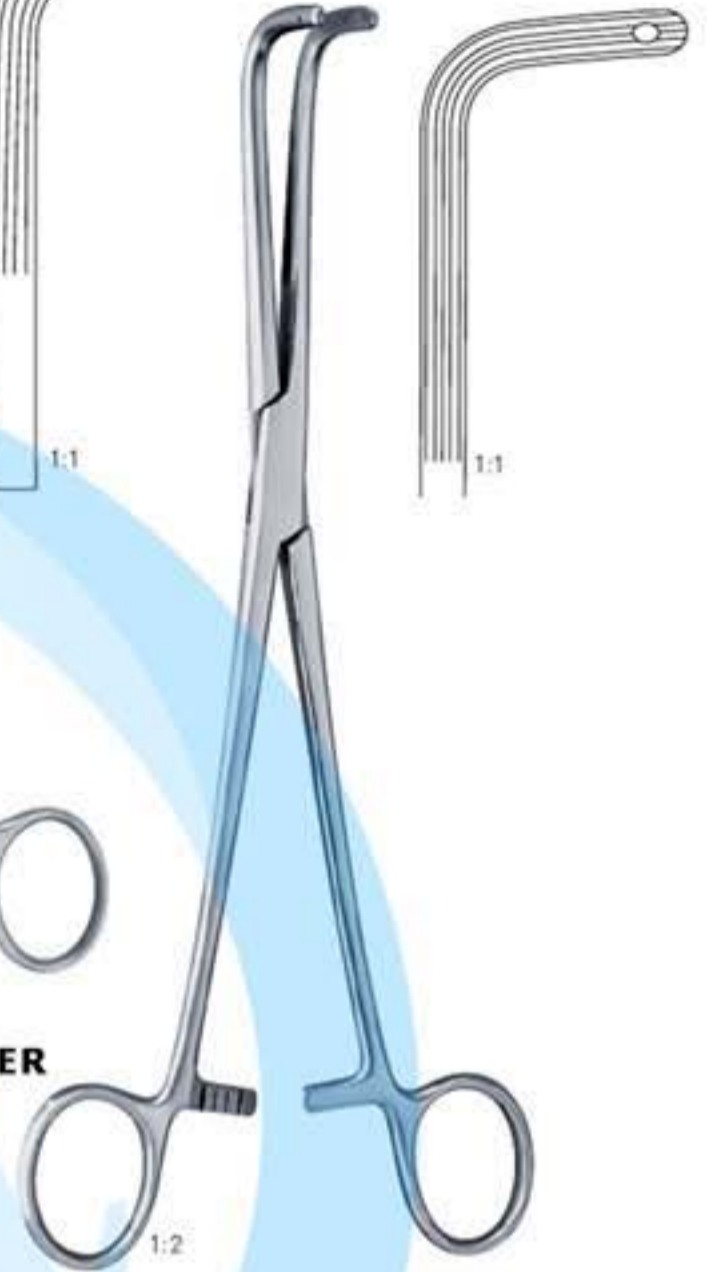
**LOWER**  
 18-480  
 18cm



**LAHEY**  
 18-482 = 19cm  
 18-483 = 23cm



**MC QUIGG - MIXTER**  
 18-485  
 22cm



**FINOCHIETTO**  
 18-487  
 24cm

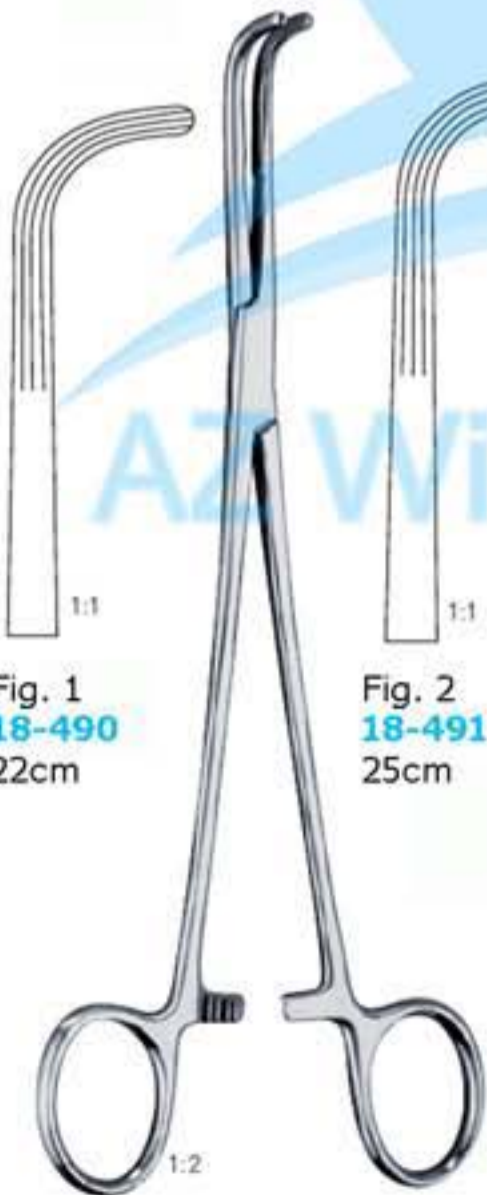


Fig. 1  
 18-490  
 22cm

Fig. 2  
 18-491  
 25cm

Fig. 3  
 18-492  
 28cm

**MIXTER**



Fig. 1  
 18-494  
 20cm

Fig. 2  
 18-495  
 22cm

Fig. 3  
 18-496  
 24cm

**GUYON**



Fig. 1  
**18-498**  
 22.5cm

Fig. 2  
**18-499**  
 23cm



**GUYON**

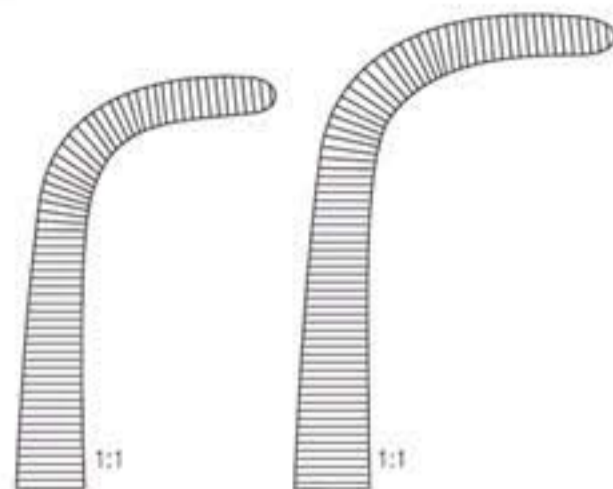


Fig. 1  
**18-501**  
 22cm

Fig. 2  
**18-502**  
 23cm



**GRAY**

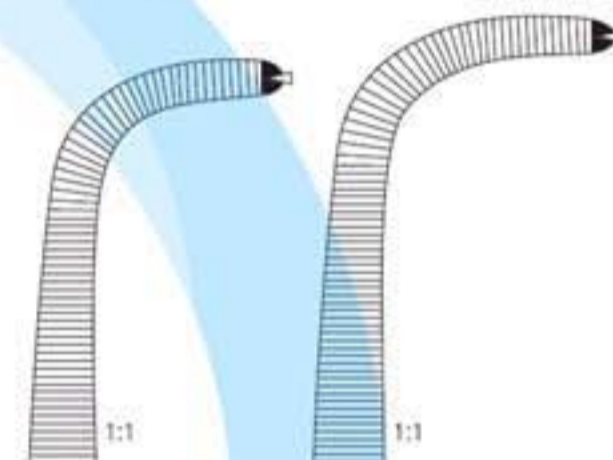
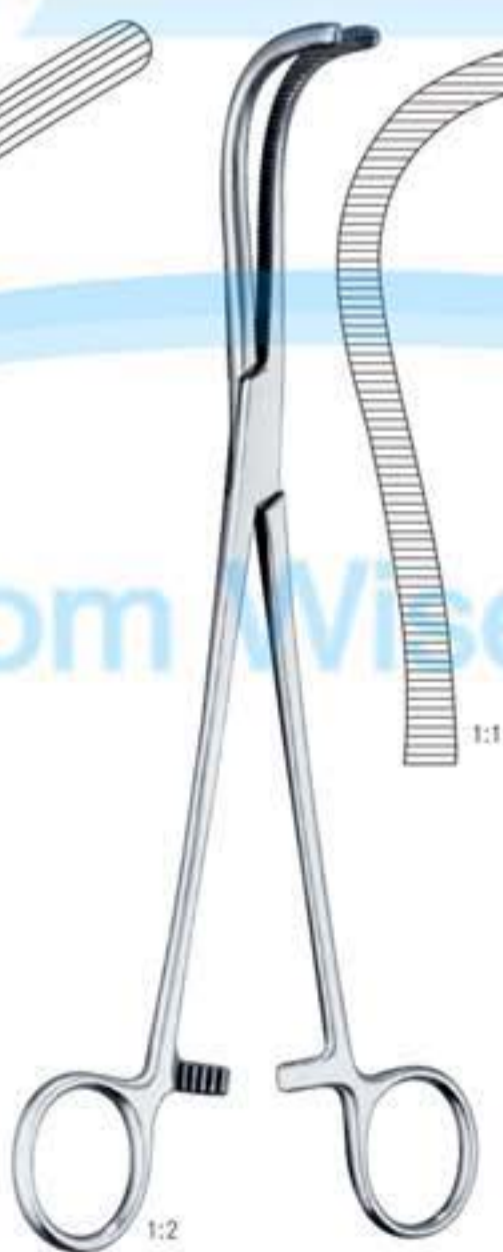


Fig. 1  
**18-503**  
 22cm  
 1x2 Teeth

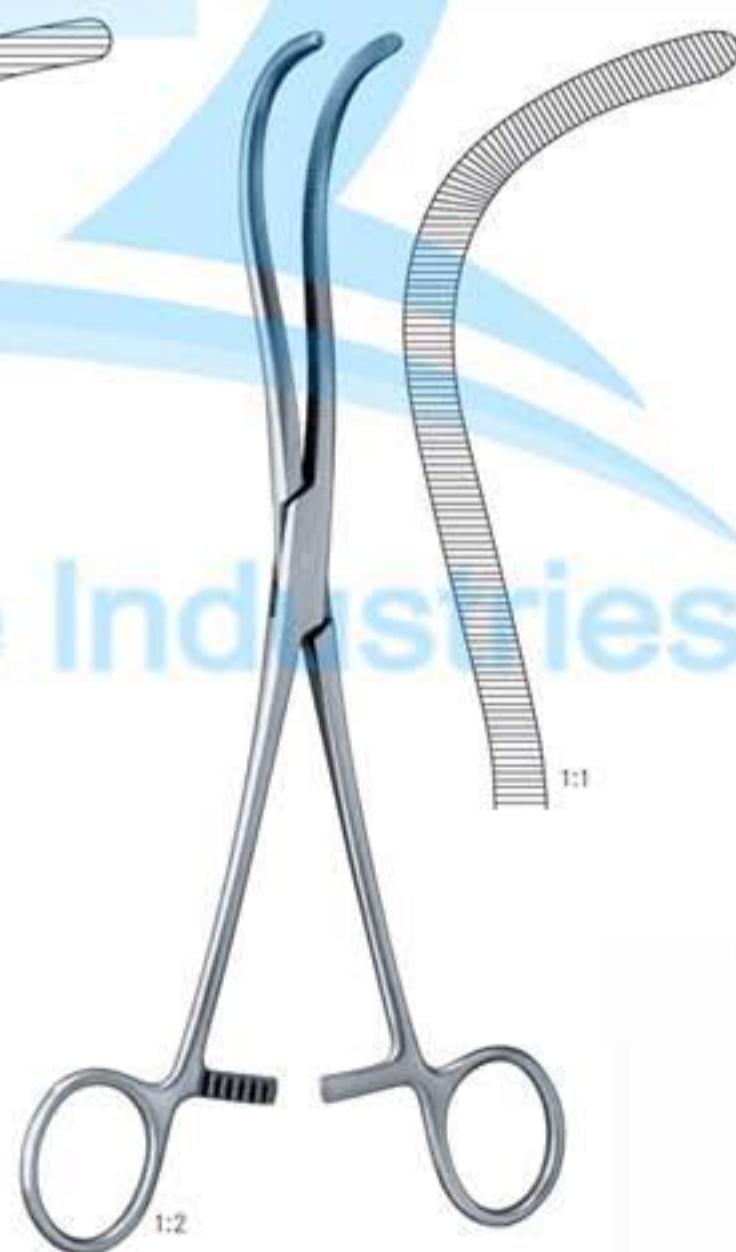
Fig. 2  
**18-504**  
 23cm  
 1x2 Teeth



**HERRICK**  
**18-506**  
 23cm



**GUYON**  
**18-508**  
 23cm



**MAYO - GUYON**  
**18-510**  
 23cm





**DESJARDINS  
 GALL DUCT**  
 18-512  
 21cm



**PITTSBURGH**  
 Atraumatic Liver

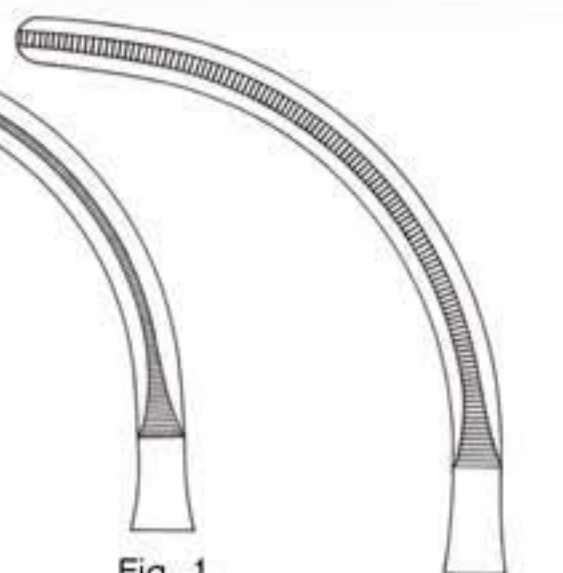


Fig. 1  
 18-514  
 25cm

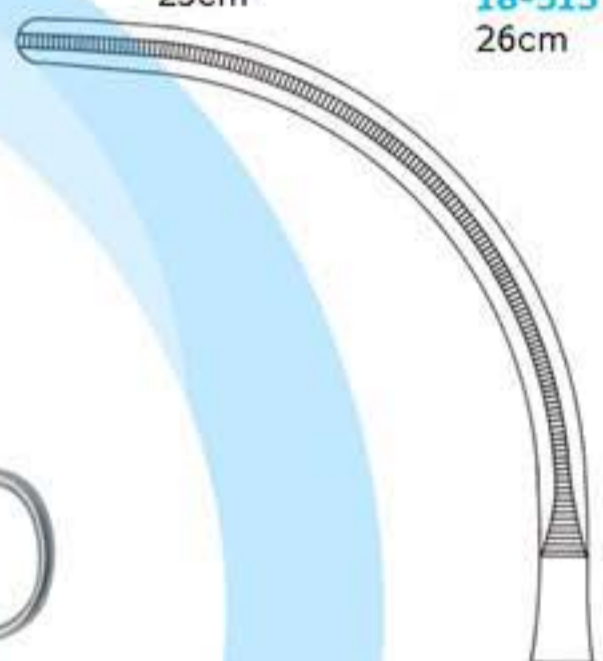


Fig. 2  
 18-515  
 26cm



Fig. 3  
 18-516  
 27cm



**KIDNEY AND  
 PANCREAS**  
 Atraumatic 20cm



Fig. 1  
 18-518  
 40mm



Fig. 2  
 18-519  
 50mm

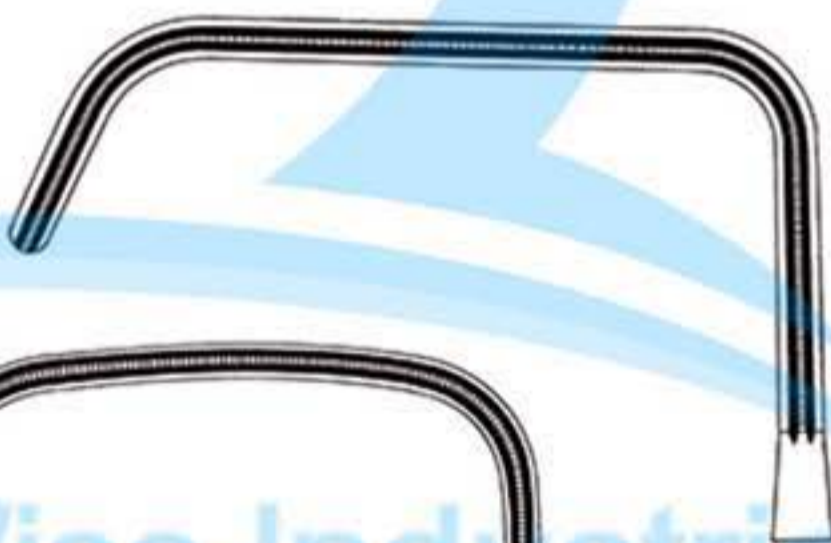
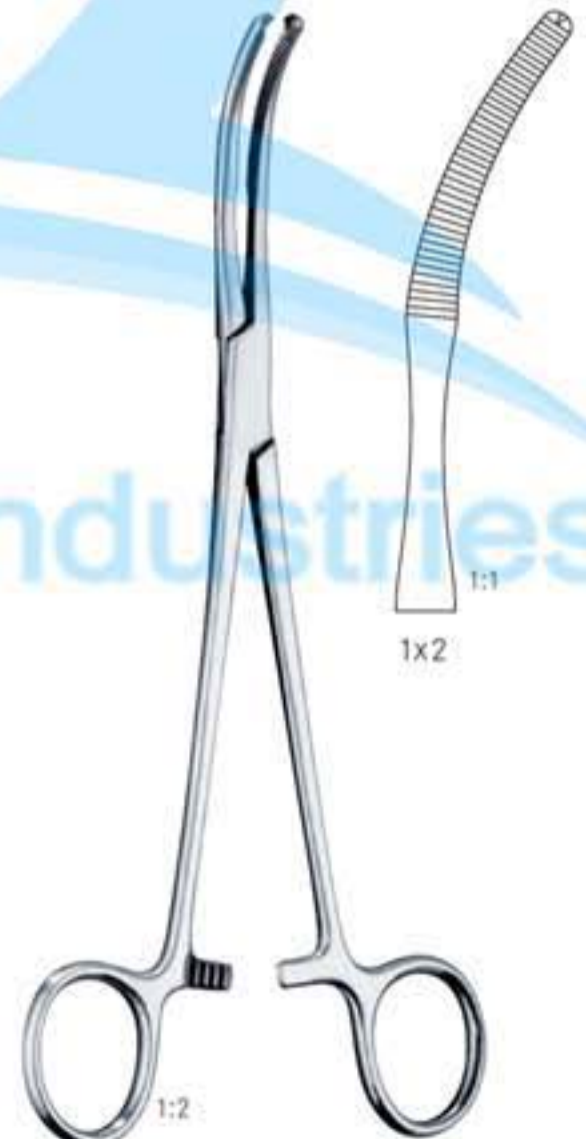
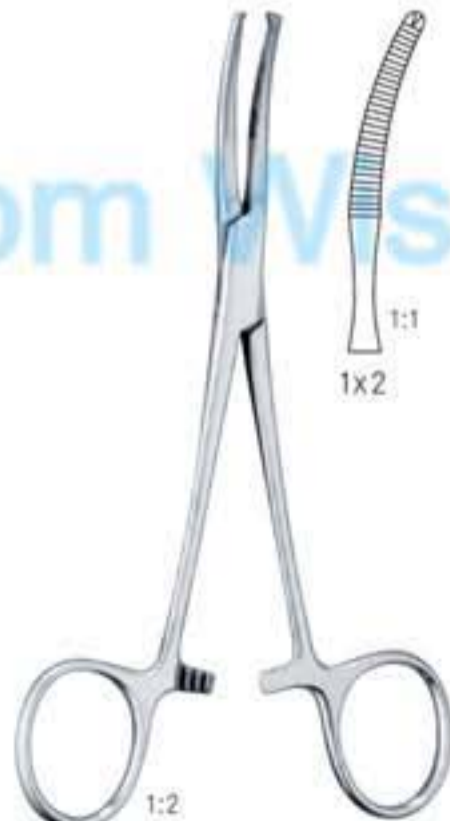
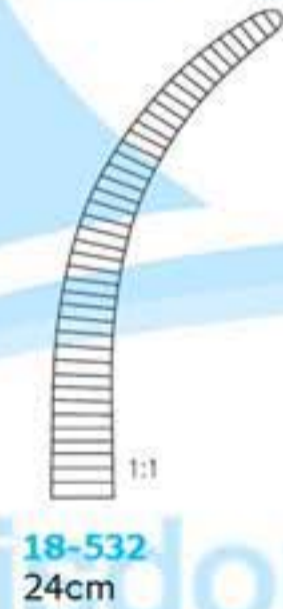
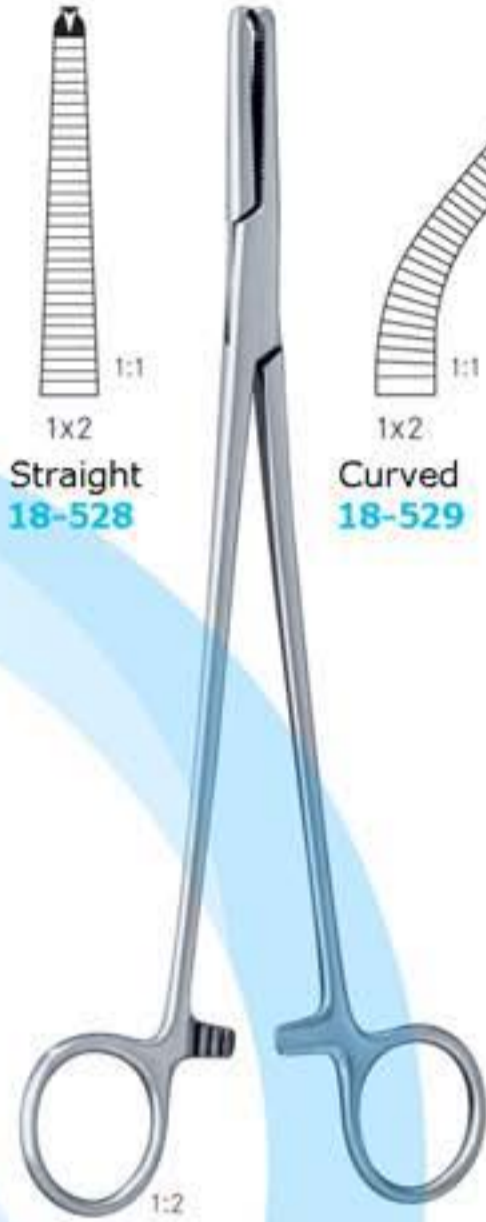
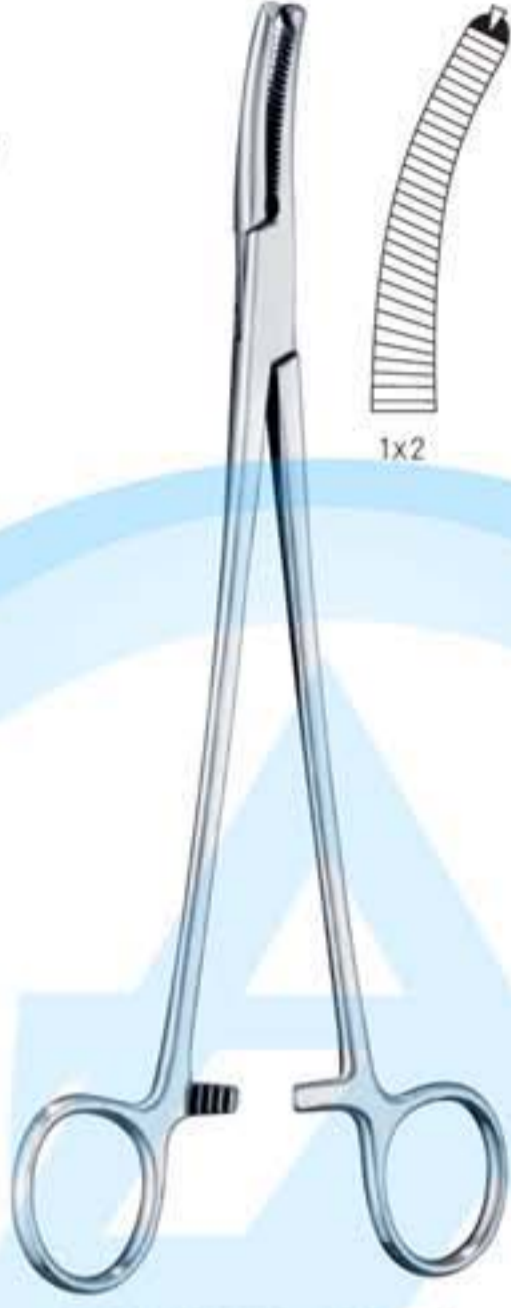
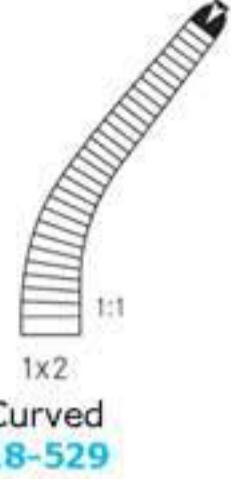
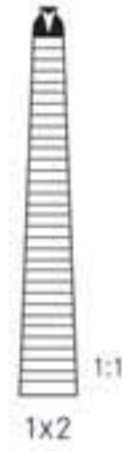
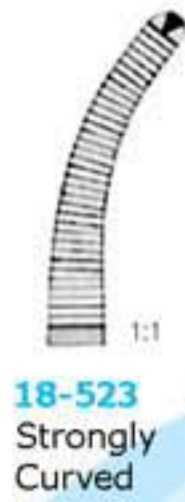
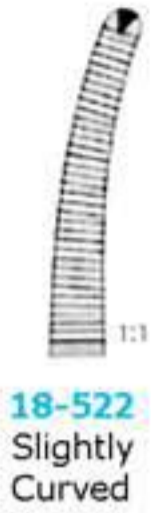
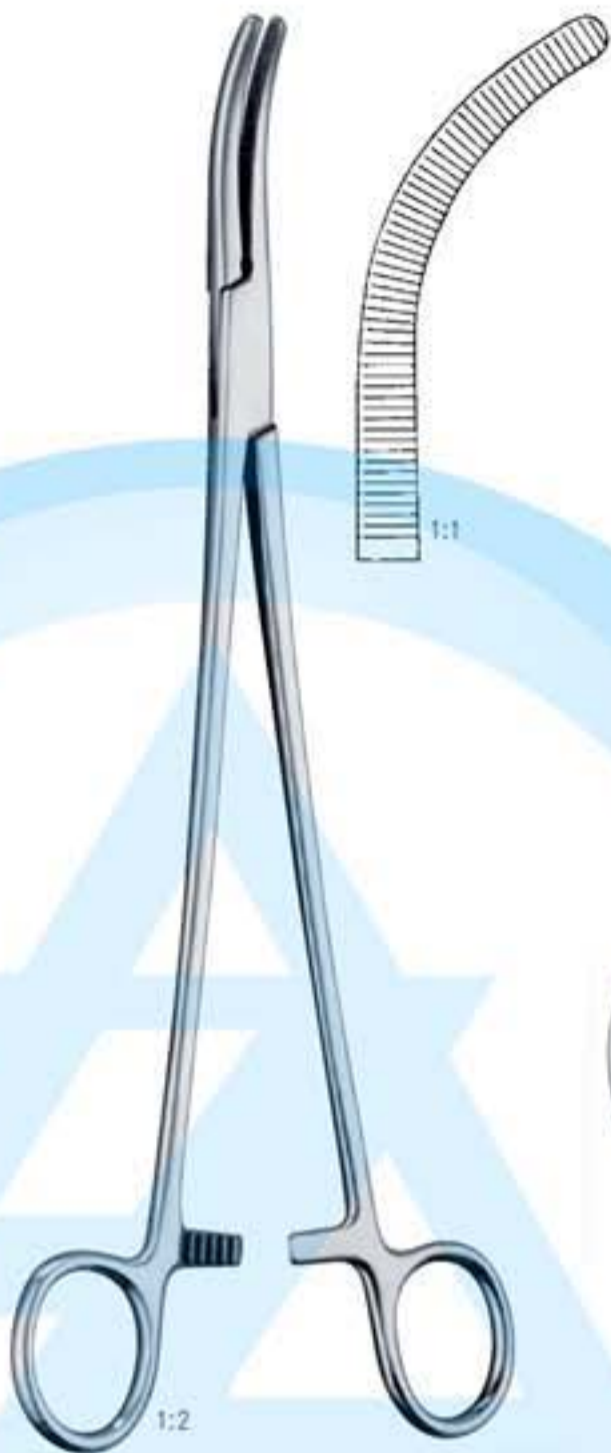


Fig. 3  
 18-520  
 60mm





**WERTHEIM**  
 18-538  
 25cm



**MAINGOT**  
 18-539 = 20.5cm  
 18-540 = 25cm



Slightly Curved  
 18-542



Strongly Curved  
 18-543



**WERTHEIM** 1x2 Teeth 22.5cm

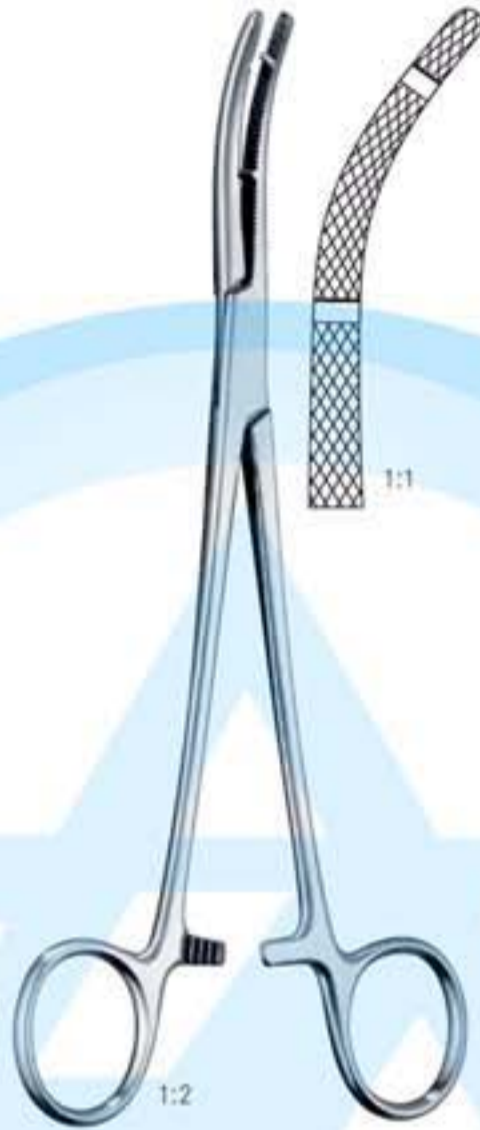


**WERTHEIM CULLEN**  
 18-545  
 21.5cm

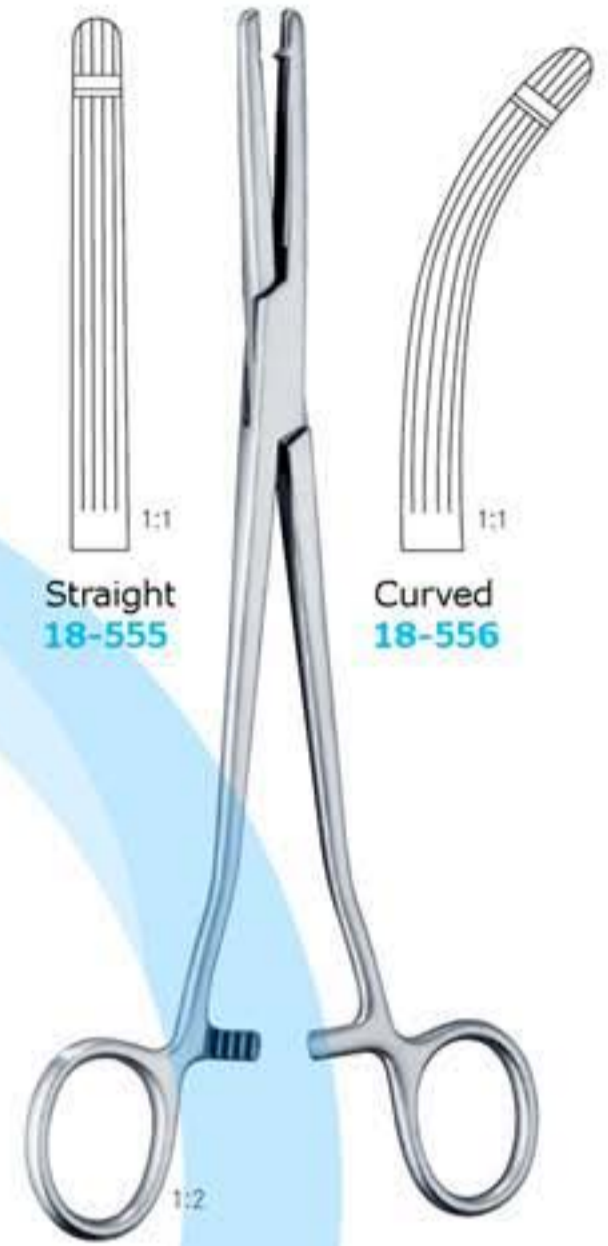
AZ Wisdom Wise Industries



**HEANEY**  
 18-547 = 19.5cm  
 18-548 = 21cm  
 18-549 = 23cm



**HEANEY**  
 18-551 = 19.5cm  
 18-552 = 21cm  
 18-553 = 23cm



**HEANEY - BALLANTINE**  
 21cm

Straight  
 18-555

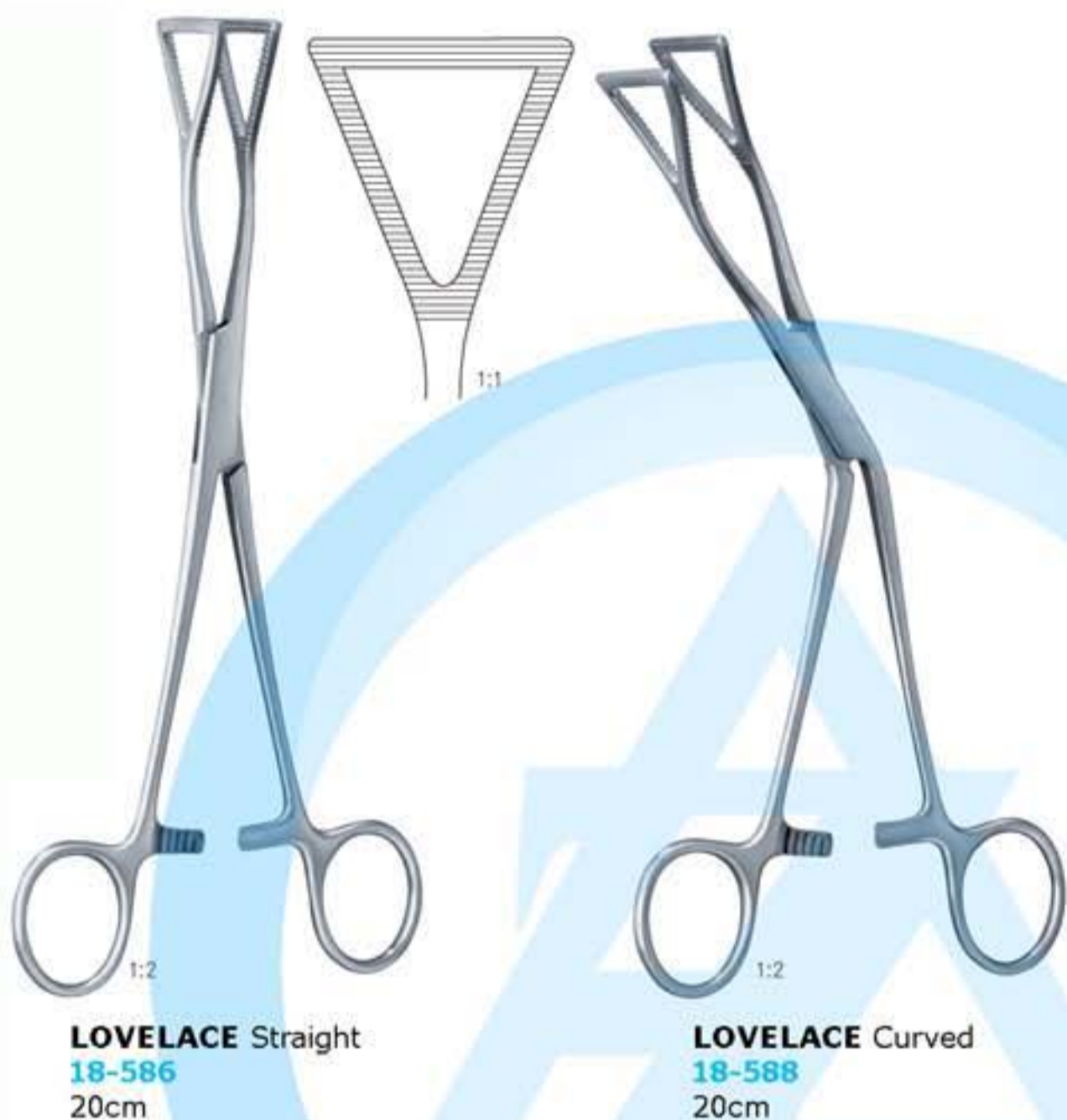
Curved  
 18-556



**PARAMETRIUM FORCEPS**



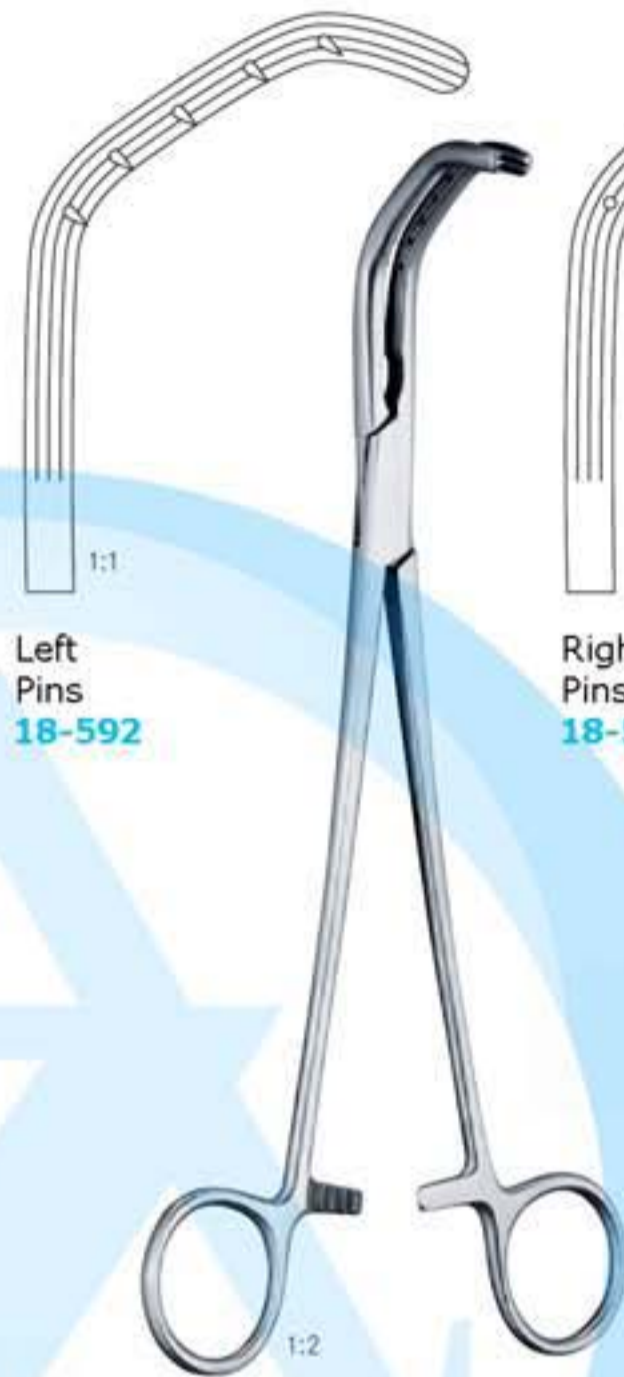
18-561 = 21cm	18-566 = 21cm	18-571 = 21cm	18-576 = 21cm	S - Curved
18-562 = 24cm	18-567 = 24cm	18-572 = 24cm	18-577 = 24cm	18-581 = 21cm
18-563 = 30cm	18-568 = 30cm	18-573 = 30cm	18-578 = 30cm	18-582 = 24cm
18-564 = 35cm	18-569 = 35cm	18-574 = 35cm	18-579 = 35cm	18-583 = 30cm
				18-584 = 35cm



AZ Wisdom Wise Industries



**PRICE - THOMAS**  
 18-590  
 22cm

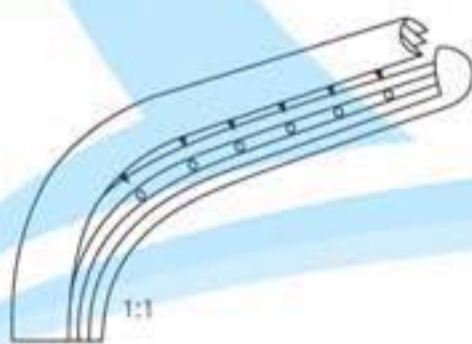


Left  
 Pins  
 18-592

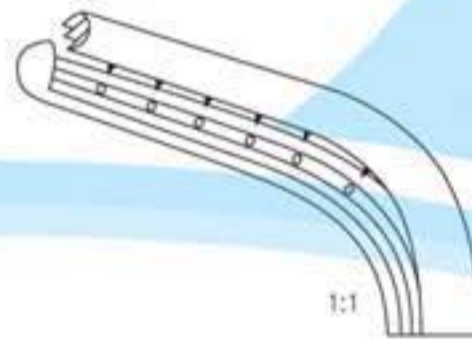


Right  
 Pins  
 18-593

**PRICE - THOMAS**  
 22cm



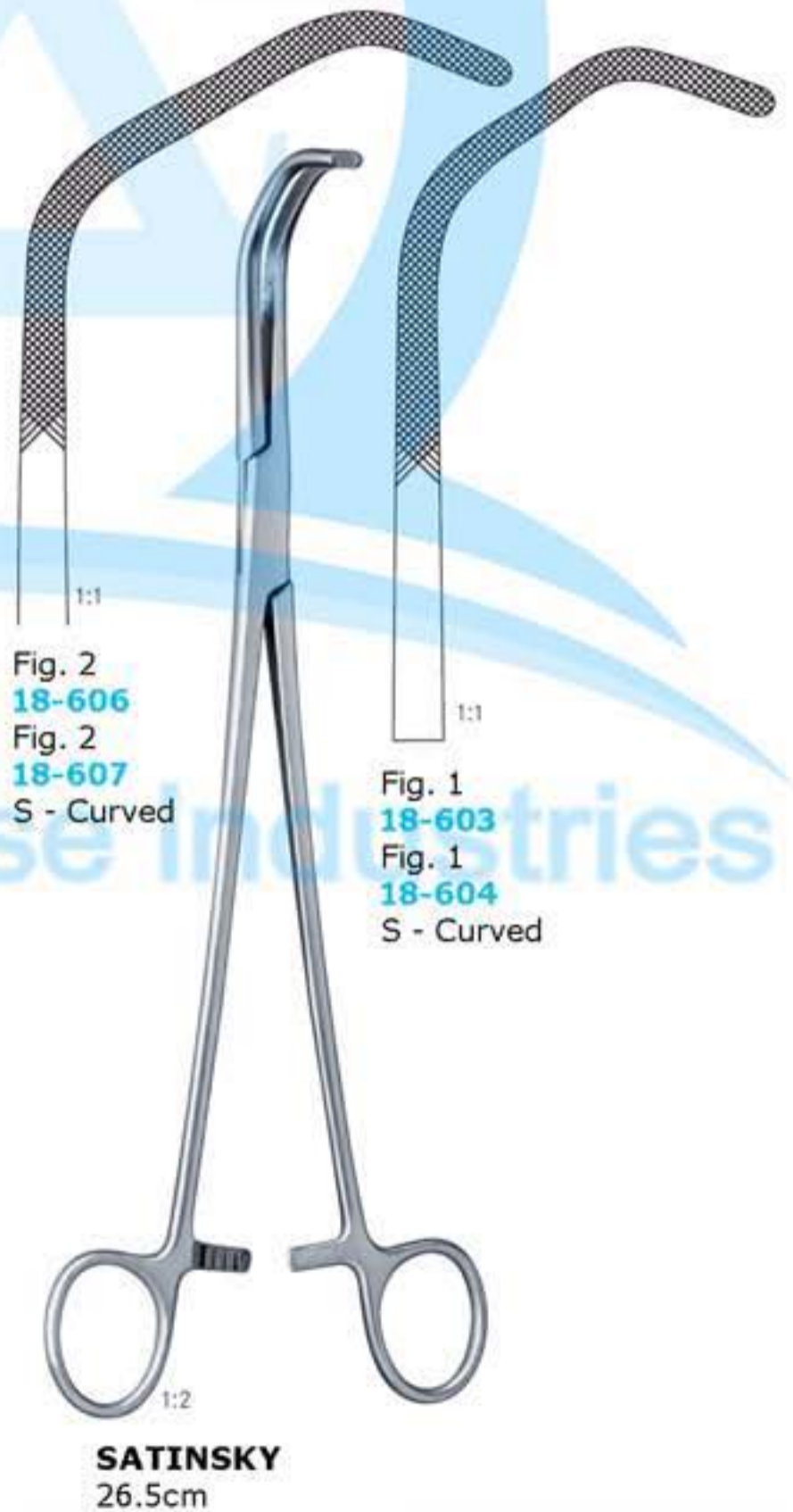
Left  
 Pins  
 18-595



Right  
 Pins  
 18-596



**SAROT** 23cm





**BERNHARD**  
18-610 = 10cm  
18-611 = 12cm  
18-612 = 14cm  
18-613 = 16.5cm  
18-614 = 18cm



**BACKHAUS**  
18-616 = 9cm  
18-617 = 10cm  
18-618 = 11cm  
18-619 = 13cm  
18-620 = 15cm



**ROEDER**  
18-622 = 13cm  
18-623 = 15cm



**BACKHAUS**  
With Clip For Tube  
18-625  
11cm



**ROBIN**  
18-627  
13.5cm  
With Clip For Tube  
Up To 5mm Ø



**JONES**  
18-629 = 5cm  
18-630 = 9cm



**SCHAEDEL**  
18-632  
9cm



**ENGLISH**  
18-634  
9cm



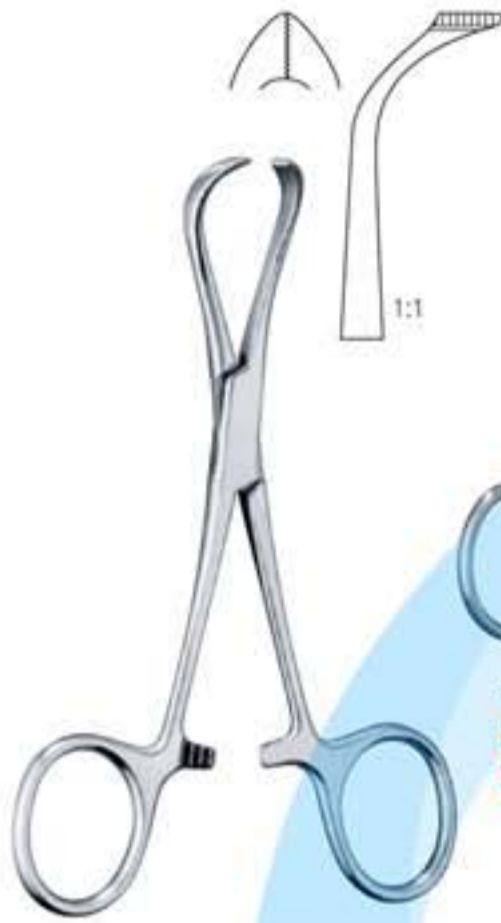
**JONES**  
18-636  
8.5cm  
With Clip



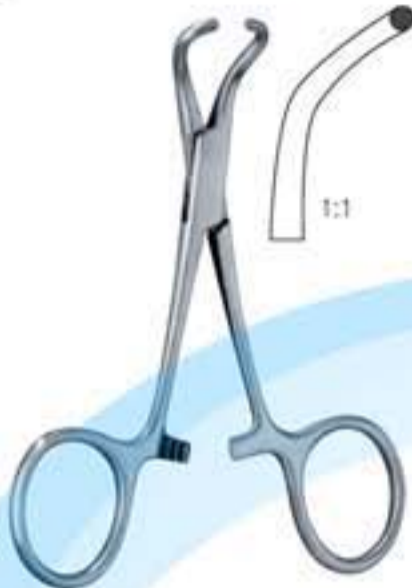
**DOYEN**  
18-638  
18cm



Serrated Disc Jaws Effectively Clamp - But Will Not Tear Or Penetrate Cloth Or Disposable Drapes And Towels. Can Be Removed And Reapplied Without Contamination Of The Field. Also Useful To Secure Cords And Tubings To Drapes



**LORNA (EDNA)**  
18-640 = 10cm  
18-641 = 13cm



**TOHOKU - JAPAN**  
18-643 = 10cm  
18-644 = 13cm



**PEERS - BERTRAM**  
For Paper Clothes  
Straight Serration  
18-646  
14.5cm



**HOFF**  
18-648 = 10cm  
18-649 = 14.5cm



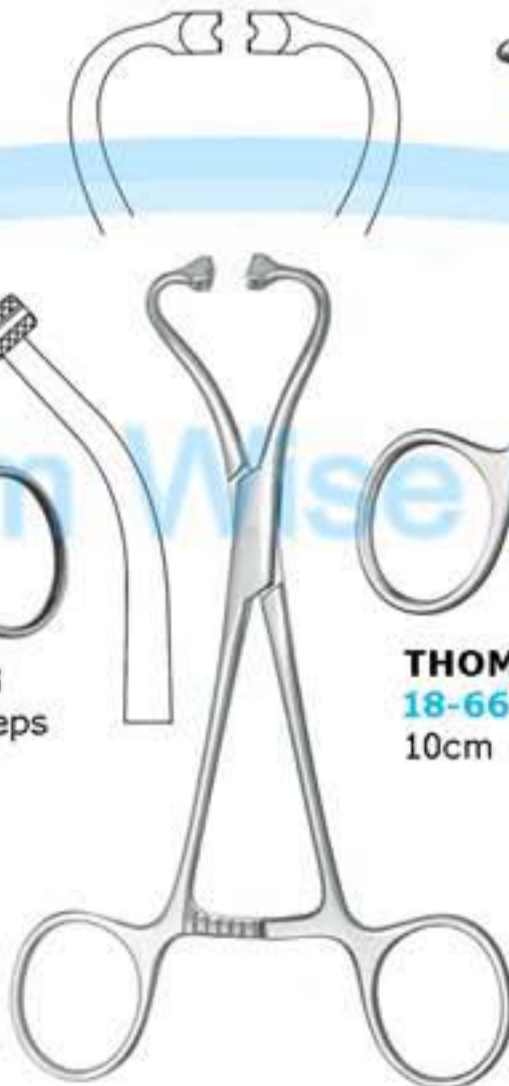
**BALL - SOCKET**  
18-651 = 11.5cm  
18-652 = 14cm  
For Paper Clothes



**LANE**  
18-654 = 13cm  
18-655 = 15cm  
18-656 = 20cm



**NON-PERFORATING  
TOWEL CLAMP Forceps**  
18-658  
13cm



**THOMAS**  
18-662  
10cm

**TUBE Fixation**  
Wide For Paper Cloth  
Cross Serration  
18-660  
14.5cm



**JACKSON**  
18-664  
13.5cm





**TUBE Serrated**  
**18-670** = 15cm  
**18-671** = 16cm  
**18-672** = 18cm  
**18-673** = 19cm  
**18-674** = 20cm  
**18-675** = 24cm



**TUBE Serrated  
With Protection  
Safety Guard**  
**18-677** = 15cm  
**18-678** = 16cm  
**18-679** = 18cm  
**18-680** = 19cm  
**18-681** = 20cm



**TUBE Plain**  
**18-683** = 15cm  
**18-684** = 16.5cm  
**18-685** = 18cm  
**18-686** = 20cm



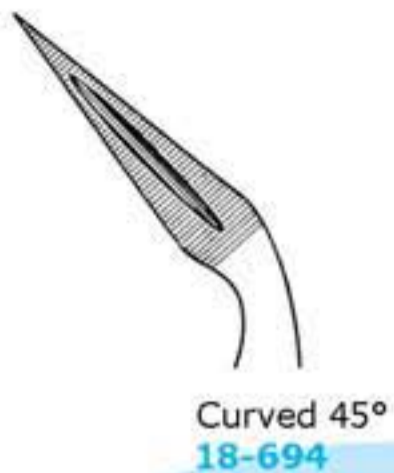
**HOSE TUBE CLAMP  
KLINIKUM - BERLIN**  
**18-688**  
 14.5cm  
**18-689**  
 With Extra Long Ratchet  
 14.5cm



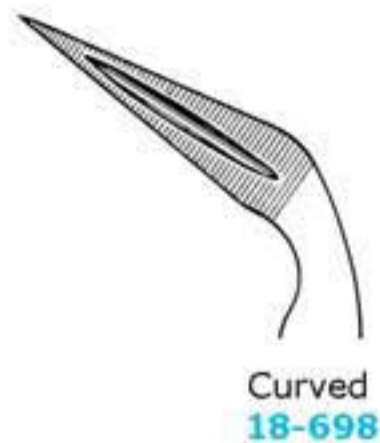
**GUNNAR**  
**18-691**  
 18.5cm



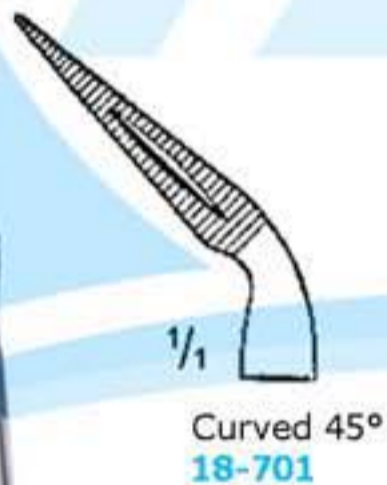
**SPLINTER - ARTHUR  
 STIEGLITZ** 14cm



**RALK - SPLINTER**  
 15cm



**SPLINTER - ARTHUR  
 STIEGLITZ** 14cm



**GDC POST AND SILVER  
 POINT REMOVAL FORCEPS**  
 Grooved Tips Curved 90°  
 18-703  
 12cm

AZ Wisdom Wise Industries



**18-705**  
Straight



**JACOBSON MICRO MOSQUITO**  
Extremely Delicate Straight  
12.5cm



**18-706**  
Curved



**JACOBSON MICRO MOSQUITO**  
Extremely Delicate Curved  
12.5cm



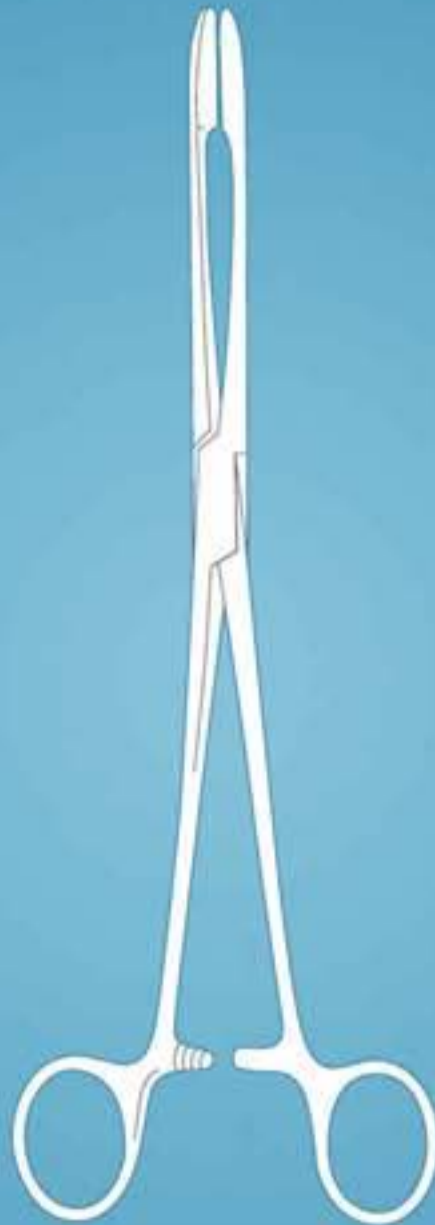
**HALSTEAD MOSQUITO**  
Extra Delicate Jaw  
45 Degree Angled On Flat  
**18-708**  
12.5cm

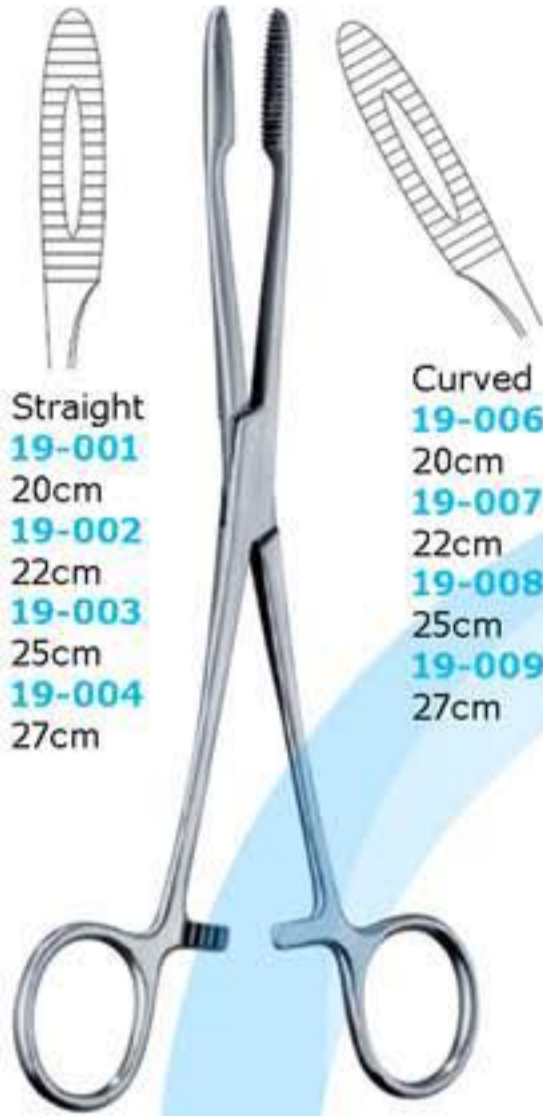


**PEET SPLINTER  
PIETZ** Angled  
**18-710**  
12.5cm

**Kornzangen**  
**Dressing Forceps**  
**Pinzas para vendajes**  
**Pinces à pansements**  
**Pinze per medicature**

**19**  
**124 - 127**





Straight  
**19-001**  
 20cm  
**19-002**  
 22cm  
**19-003**  
 25cm  
**19-004**  
 27cm

Curved  
**19-006**  
 20cm  
**19-007**  
 22cm  
**19-008**  
 25cm  
**19-009**  
 27cm

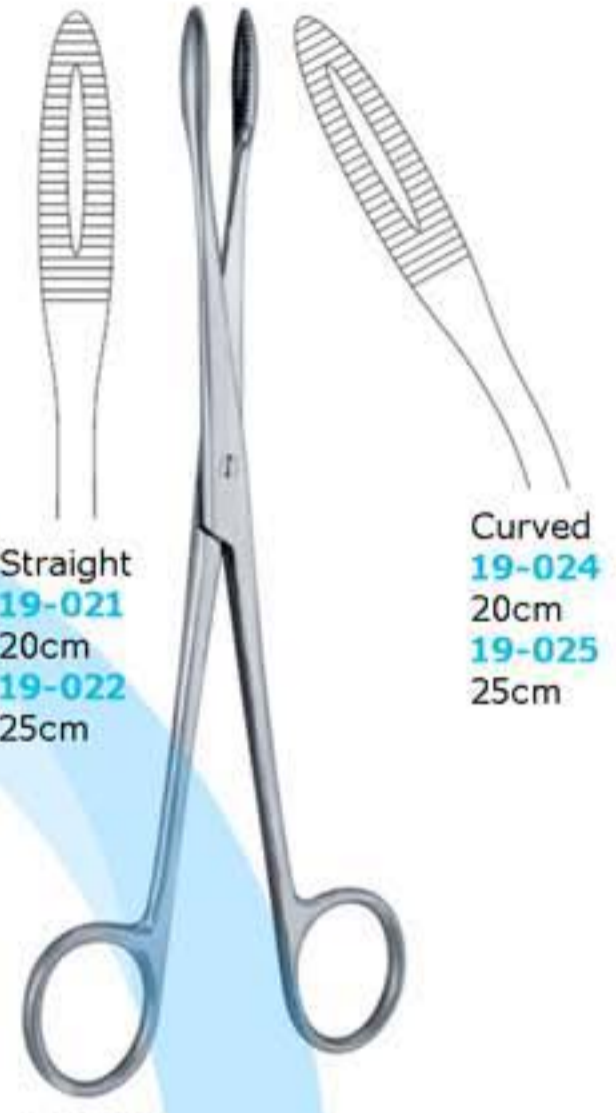
**GROSS - MAIER**



Straight  
**19-011**  
 22cm  
**19-012**  
 25cm  
**19-013**  
 27cm  
**19-014**  
 35cm

Curved  
**19-016**  
 22cm  
**19-017**  
 25cm  
**19-018**  
 27cm  
**19-019**  
 35cm

**ULRICH**



Straight  
**19-021**  
 20cm  
**19-022**  
 25cm

Curved  
**19-024**  
 20cm  
**19-025**  
 25cm

**MAIER**



Straight  
**19-027**  
 18cm  
**19-028**  
 25cm

Curved  
**19-030**  
 18cm  
**19-031**  
 25cm

**RAMPLEY**



Straight  
**19-033**

Curved  
**19-034**

**BERGMANN - FOERSTER**  
 25cm



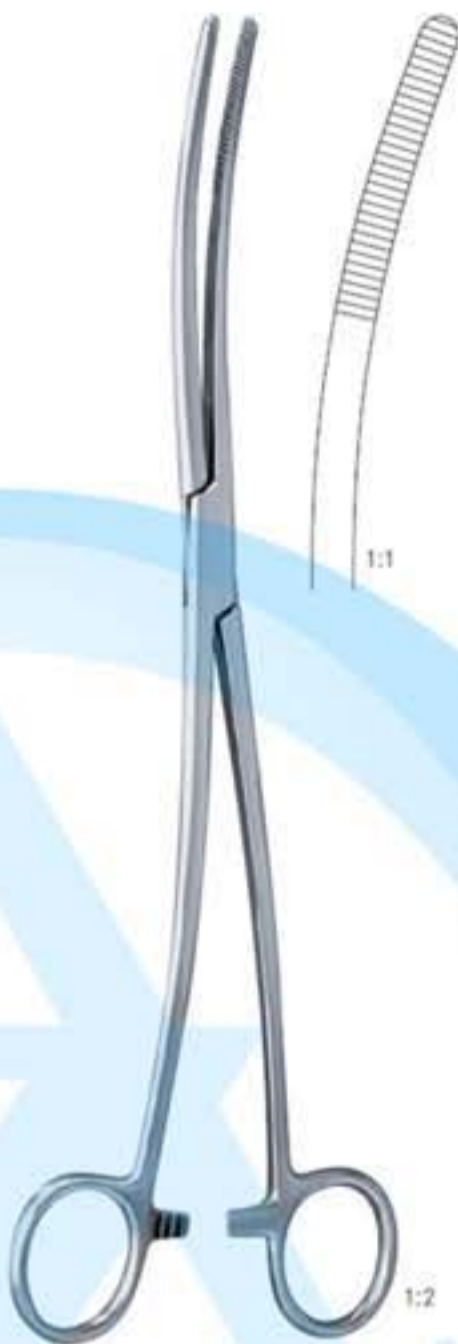
**COLLIN**  
**19-036**  
 25cm



**BERGMANN**  
19-038  
24cm



**CHERON**  
19-040  
25cm



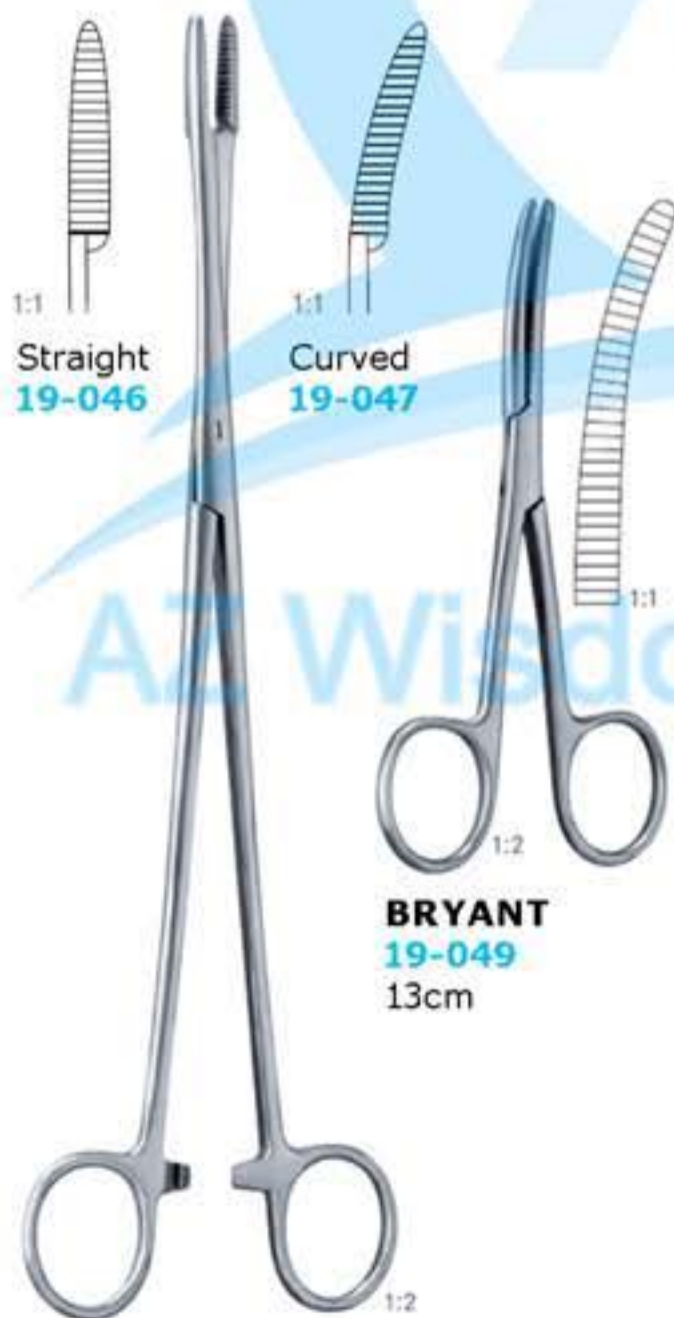
**BOZEMANN**  
S - Curved  
19-042  
26cm



**BOZEMANN - DOUGLAS**  
S - Curved  
19-044  
26cm



**BRYANT**  
19-049  
13cm



**PELKMAN** 25cm



Straight  
19-051  
17cm  
19-052  
25.5cm  
Curved  
19-054  
17cm  
19-055  
25.5cm

**MARTIN**



**LISTER (SINUS)**  
19-057 = 13cm  
19-058 = 16cm  
19-059 = 18cm



**DUPLAY** 20cm



Straight  
**19-064**  
18cm  
**19-065**  
25cm



Curved  
**19-067**  
18cm  
**19-068**  
25cm



Straight  
**19-070**  
18cm  
**19-071**  
20cm  
**19-072**  
25cm  
**19-073**  
30cm  
**19-074**  
35cm  
**19-075**  
40cm



Curved  
**19-077**  
18cm  
**19-078**  
20cm  
**19-079**  
25cm  
**19-080**  
30cm  
**19-081**  
35cm  
**19-082**  
40cm



**FOERSTER (BALLENGER) Plain**



**FOERSTER (BALLENGER) Serrated**



**PAAR**  
With Rubber Serrated  
**19-084** = 18cm = Straight  
**19-085** = 20cm = Straight  
**19-086** = 24cm = Straight  
**19-087** = 18cm = Curved  
**19-088** = 20cm = Curved  
**19-089** = 24cm = Curved

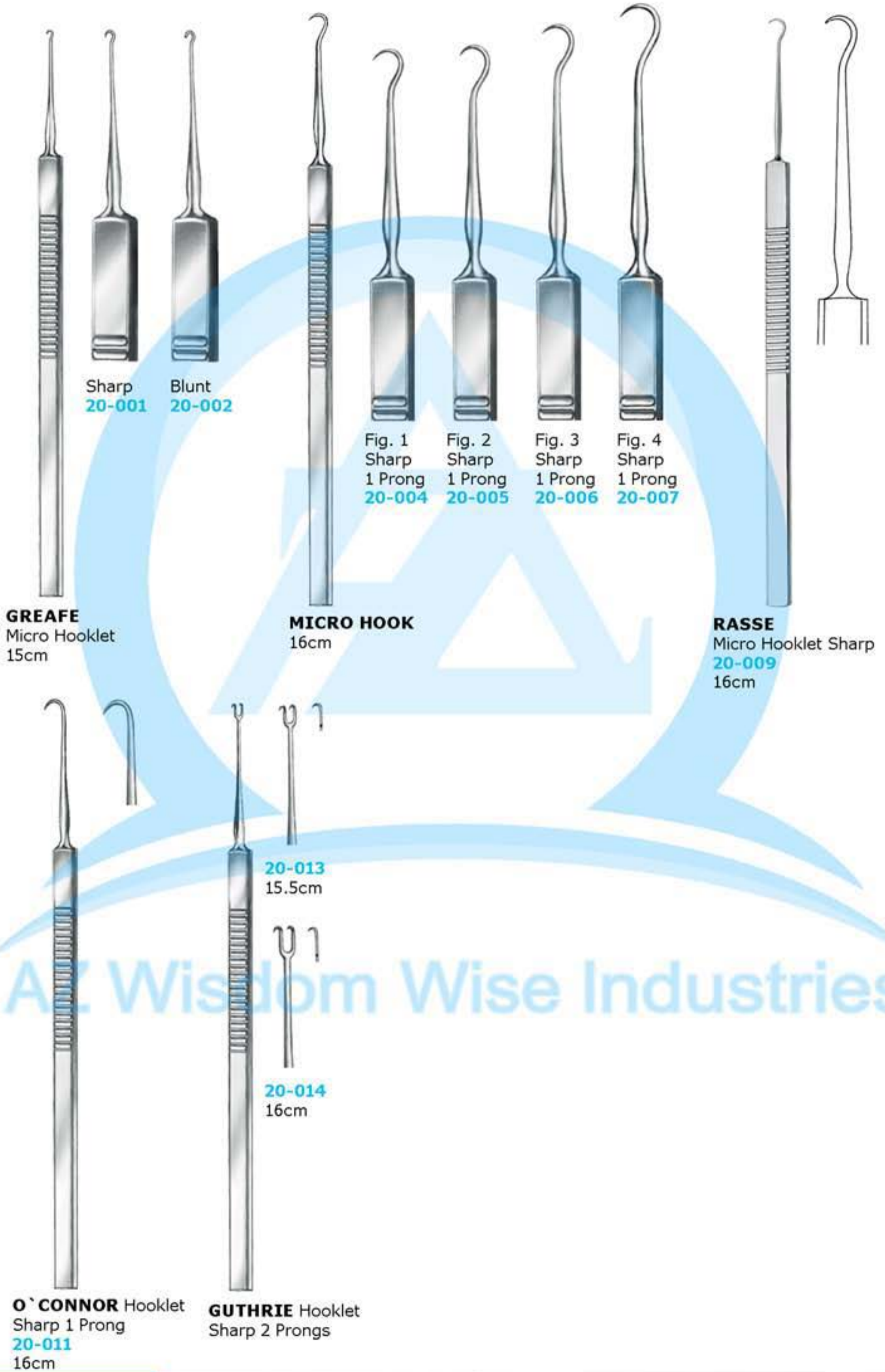
AZ Wisdom Wise Industries

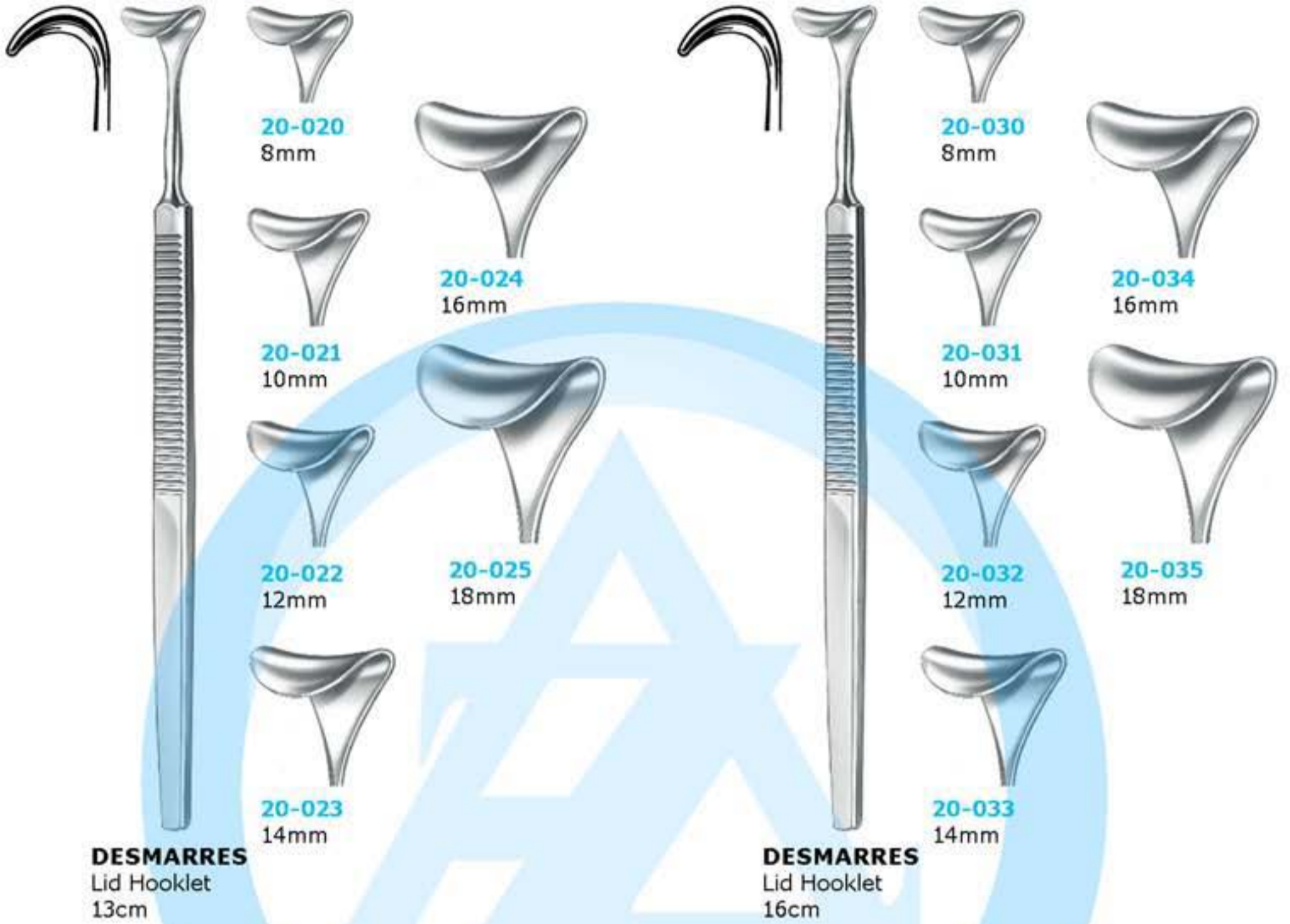


Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori

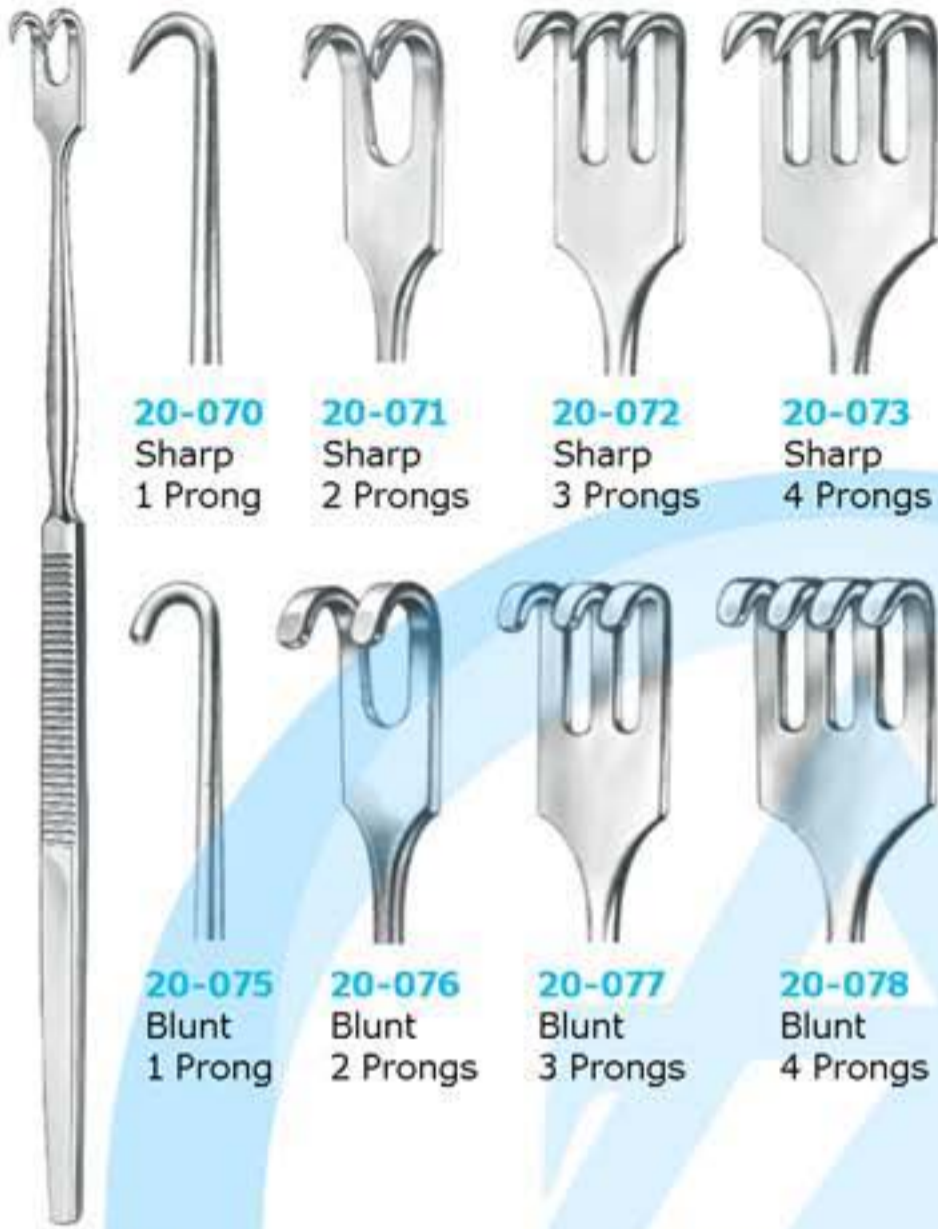
**20**  
**128 - 161**











**20-070**  
Sharp  
1 Prong

**20-071**  
Sharp  
2 Prongs

**20-072**  
Sharp  
3 Prongs

**20-073**  
Sharp  
4 Prongs

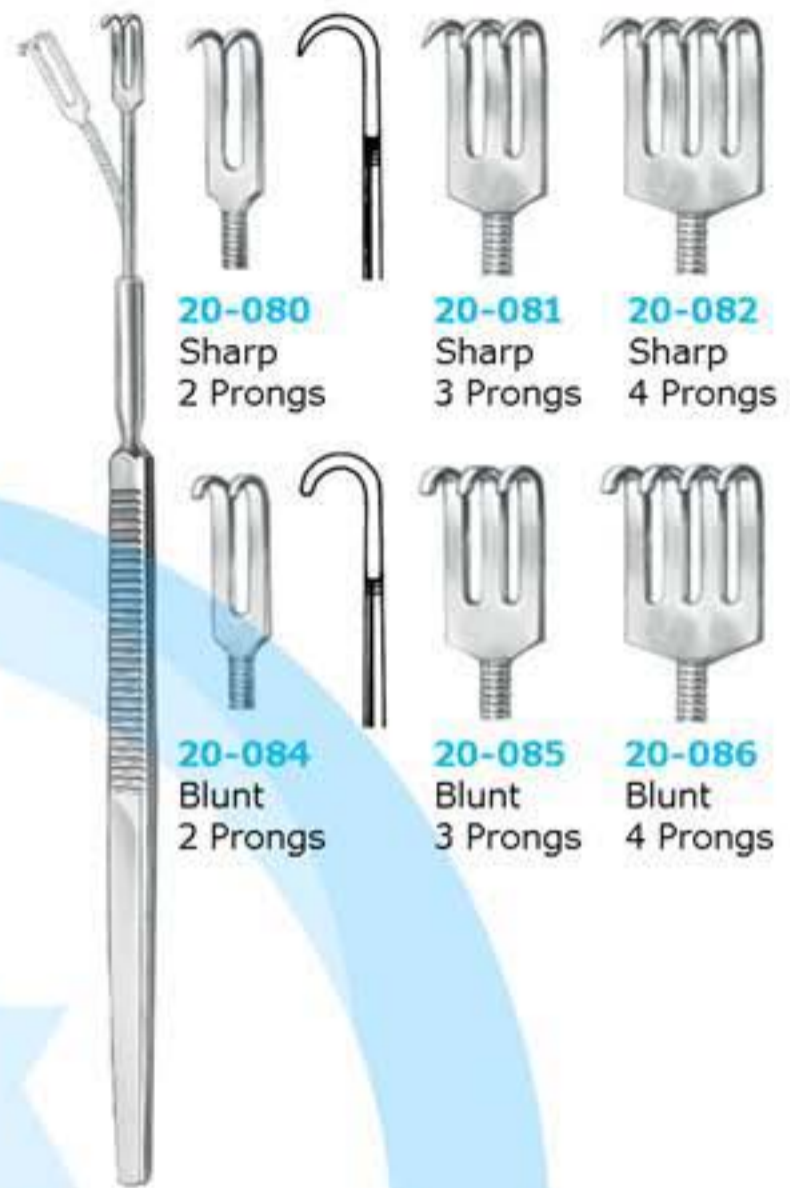


**20-075**  
Blunt  
1 Prong

**20-076**  
Blunt  
2 Prongs

**20-077**  
Blunt  
3 Prongs

**20-078**  
Blunt  
4 Prongs



**20-080**  
Sharp  
2 Prongs

**20-081**  
Sharp  
3 Prongs

**20-082**  
Sharp  
4 Prongs

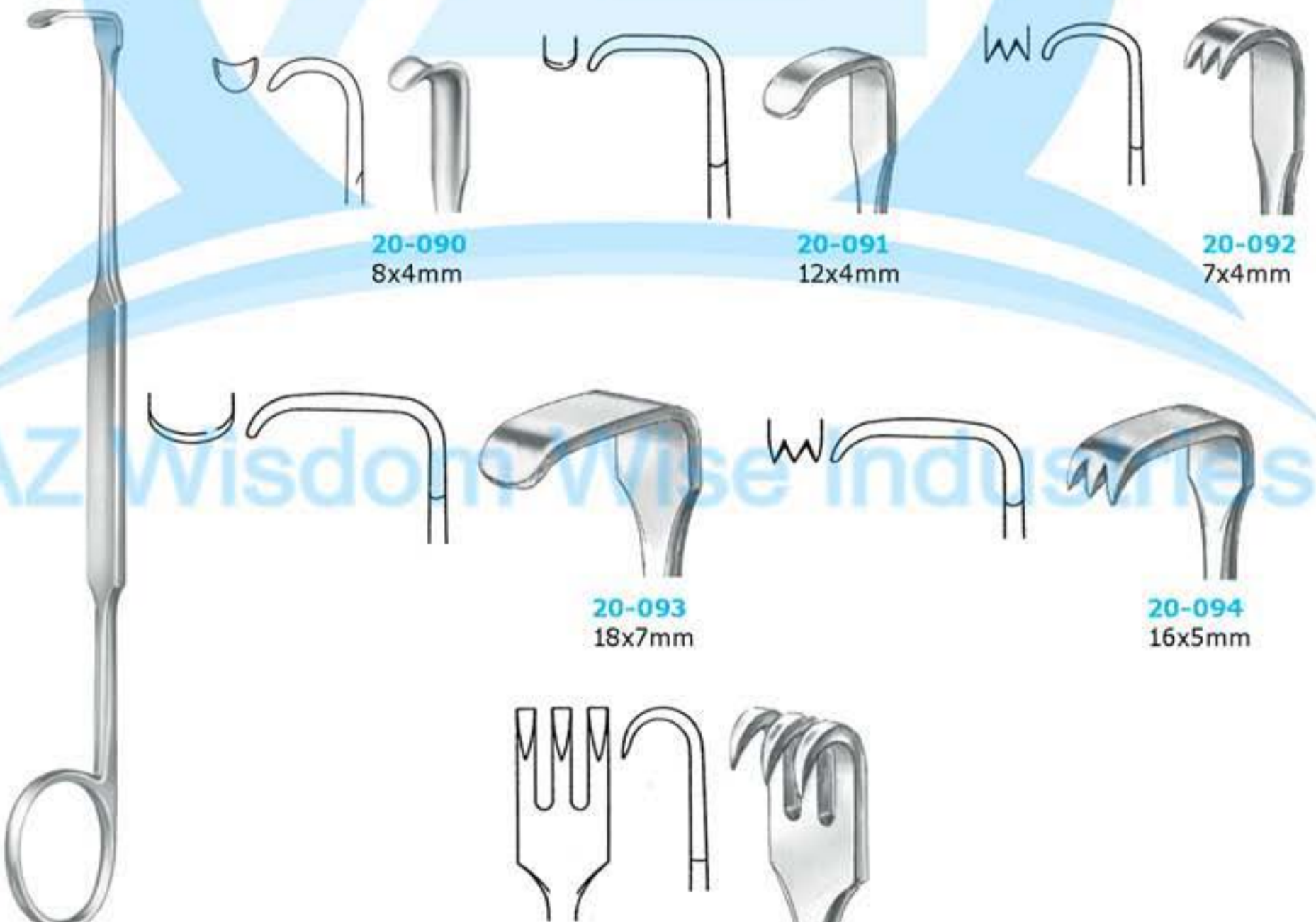
**20-084**  
Blunt  
2 Prongs

**20-085**  
Blunt  
3 Prongs

**20-086**  
Blunt  
4 Prongs

**HOOKLET**  
16.5cm

**HOOKLET Flexible**  
16.5cm



**20-090**  
8x4mm

**20-091**  
12x4mm

**20-092**  
7x4mm

**20-093**  
18x7mm

**20-094**  
16x5mm

**MEYERDING** Hooklet  
18cm

**20-095**  
7x9mm



**20-097**  
Sharp

**20-098**  
Blunt

**HOOKLET** Delicate  
4 Prongs  
16.5cm



Micro Vascular  
With Saddle Blade  
Buttoned Blunt  
**20-100**  
12cm



8mmx4mm

15mmx5.5mm

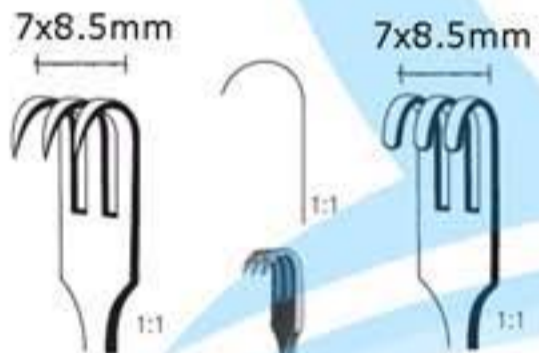
**RAGNELL - DAVIS**  
**20-102**  
14cm



**20-104**  
20x6mm

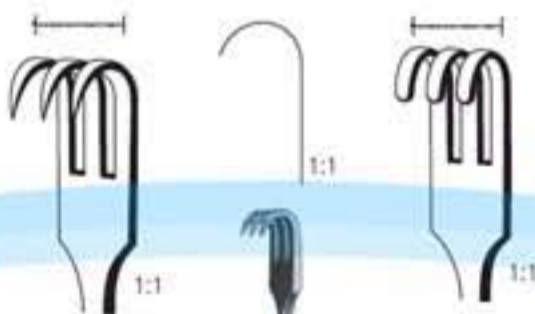
**20-105**  
10x6mm

**SENN GREEN**  
15cm



**20-107**  
Sharp

**20-108**  
Blunt



**20-110**  
Sharp

**20-111**  
Blunt



2 Prongs  
14x8mm



**SENN - MULLER**  
12.5cm



**SENN - MULLER**  
16cm



**RETRACTOR** Blunt  
**20-113**  
16cm

AZ Wisdom Wise Industries



**KAYE - MILLARD**  
Hooklet 2 Prongs  
Sharp  
**20-115**  
8cm



**STRANDELL - STILLE**  
19cm



**20-118**  
20mmx6mm  
Saw Edge



**VENOUS HOOKLET  
BROM**  
19cm

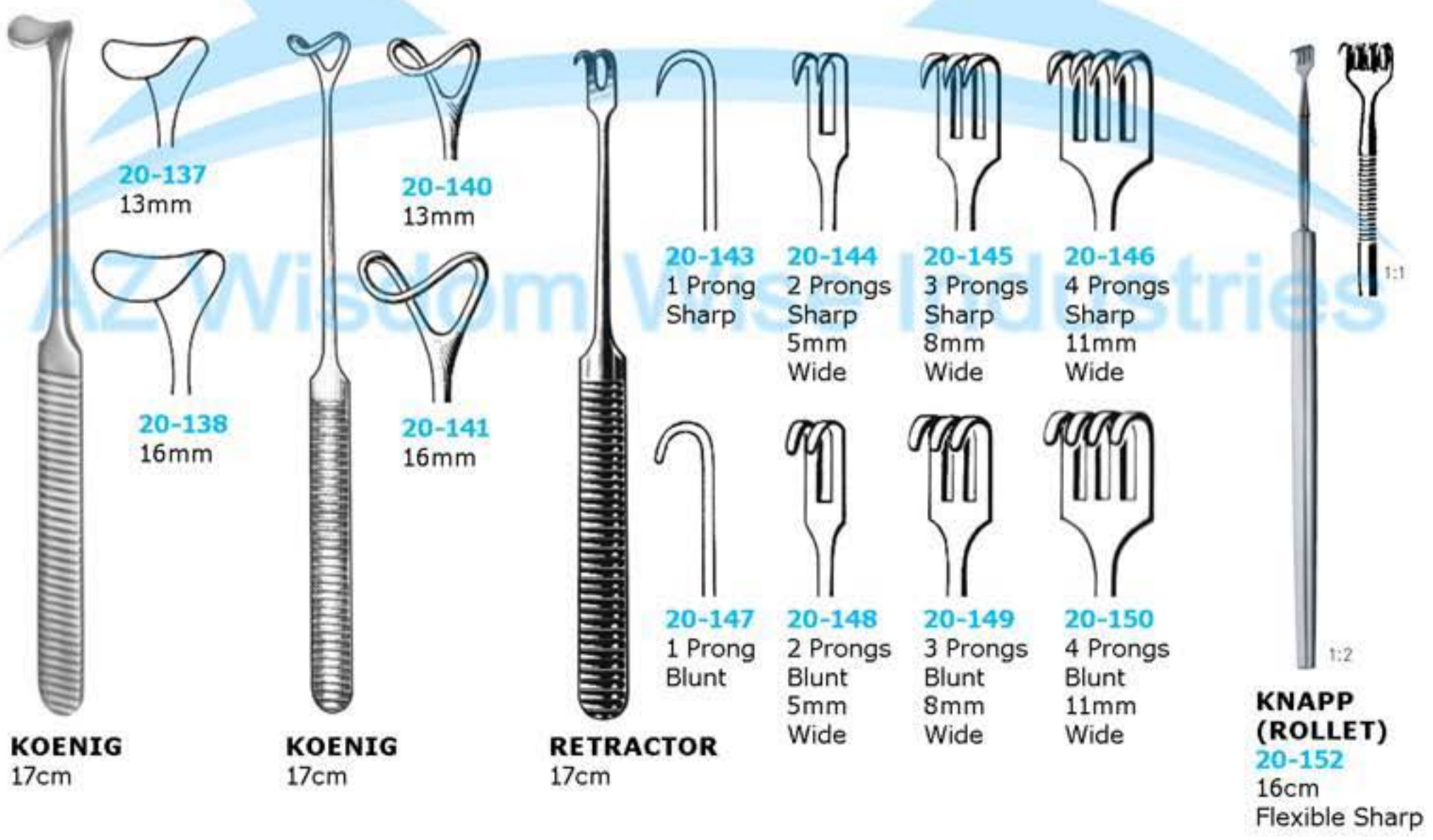
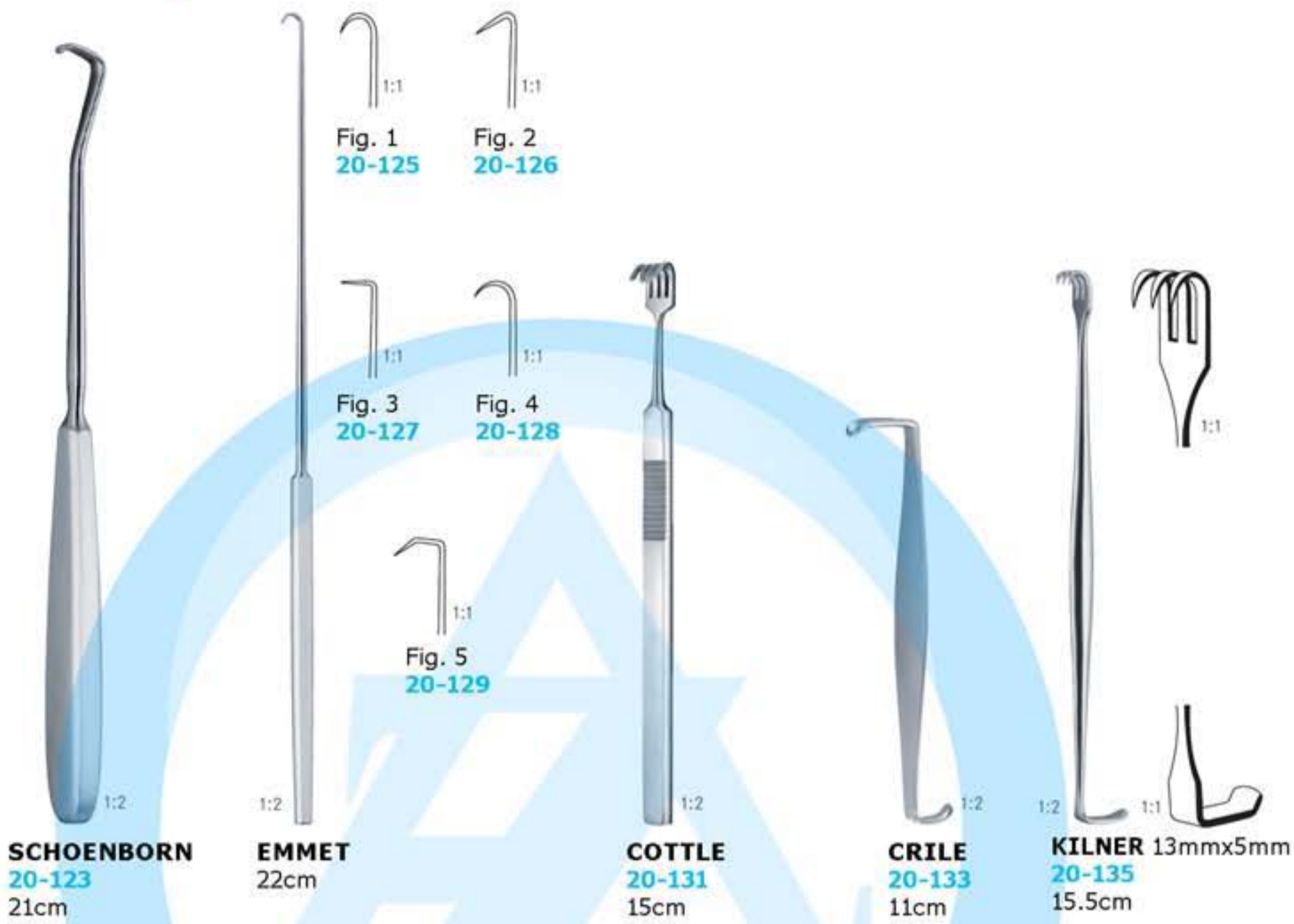


**20-120**  
Narrow  
Small



**20-121**  
Wide  
Large

AZ Wisdom Wise Industries



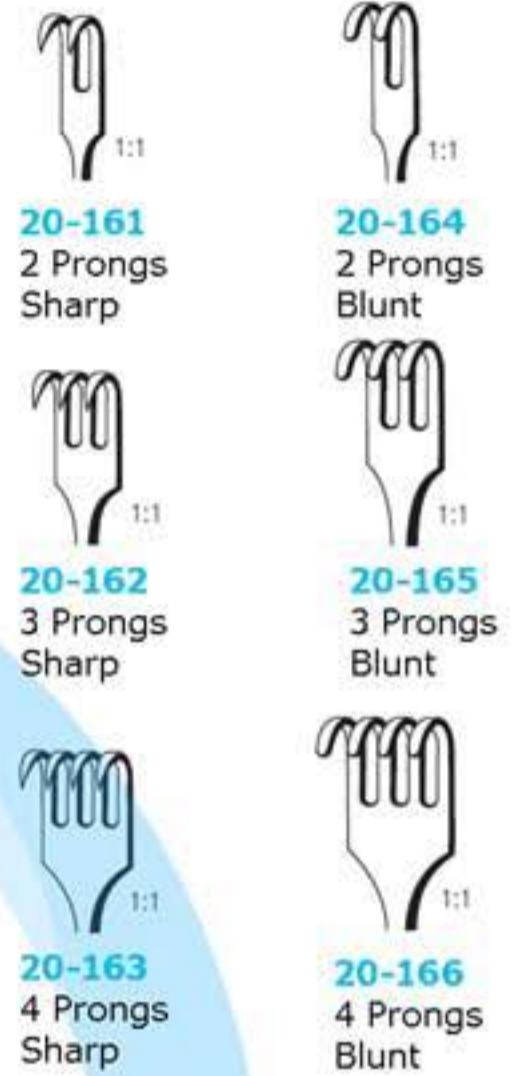




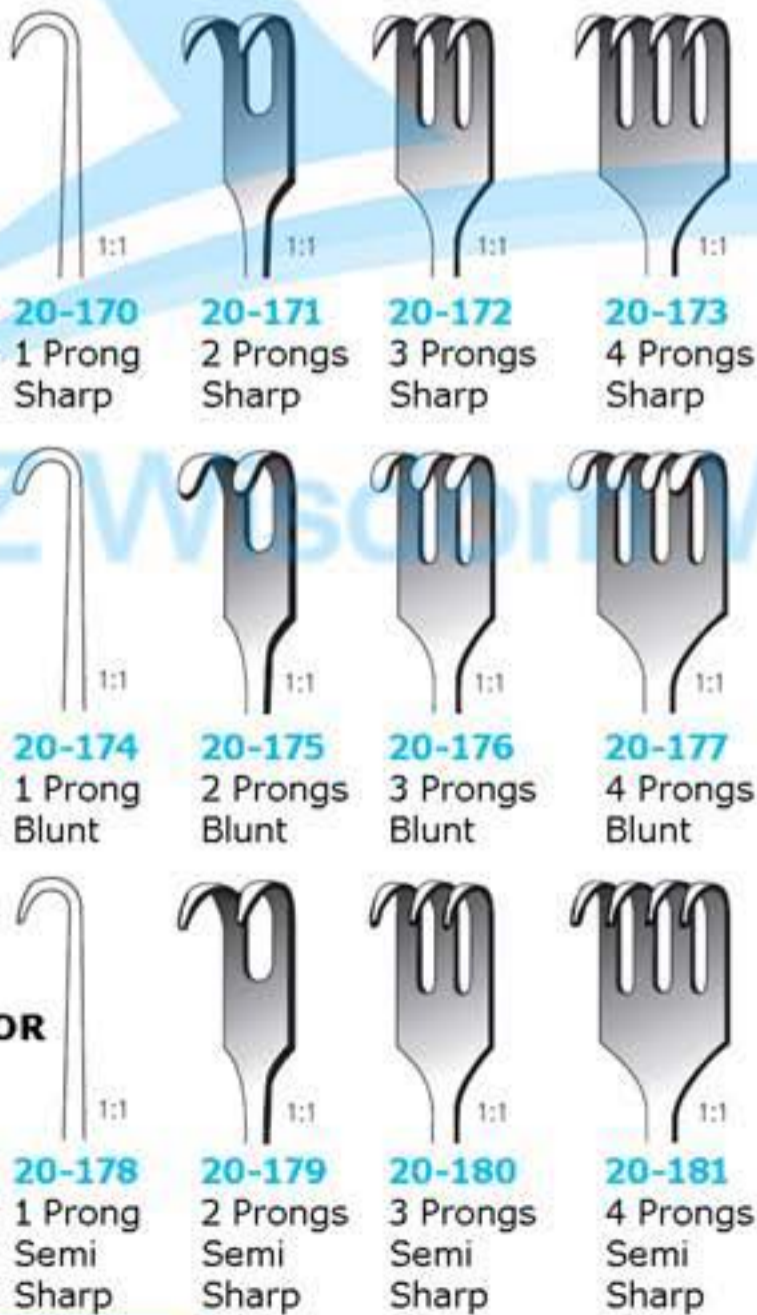
**DESMARRES LID**  
16cm



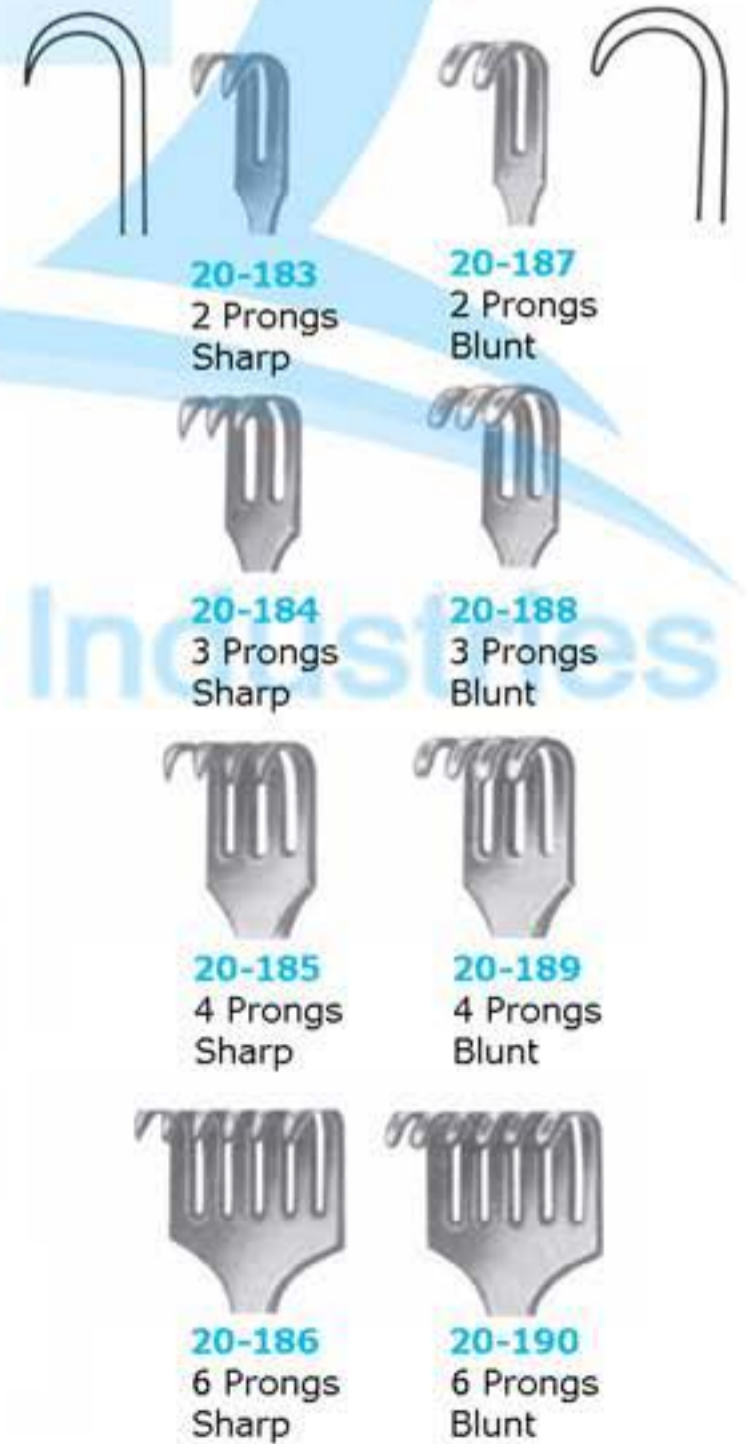
**FLEXIBLE RETRACTOR**  
16cm

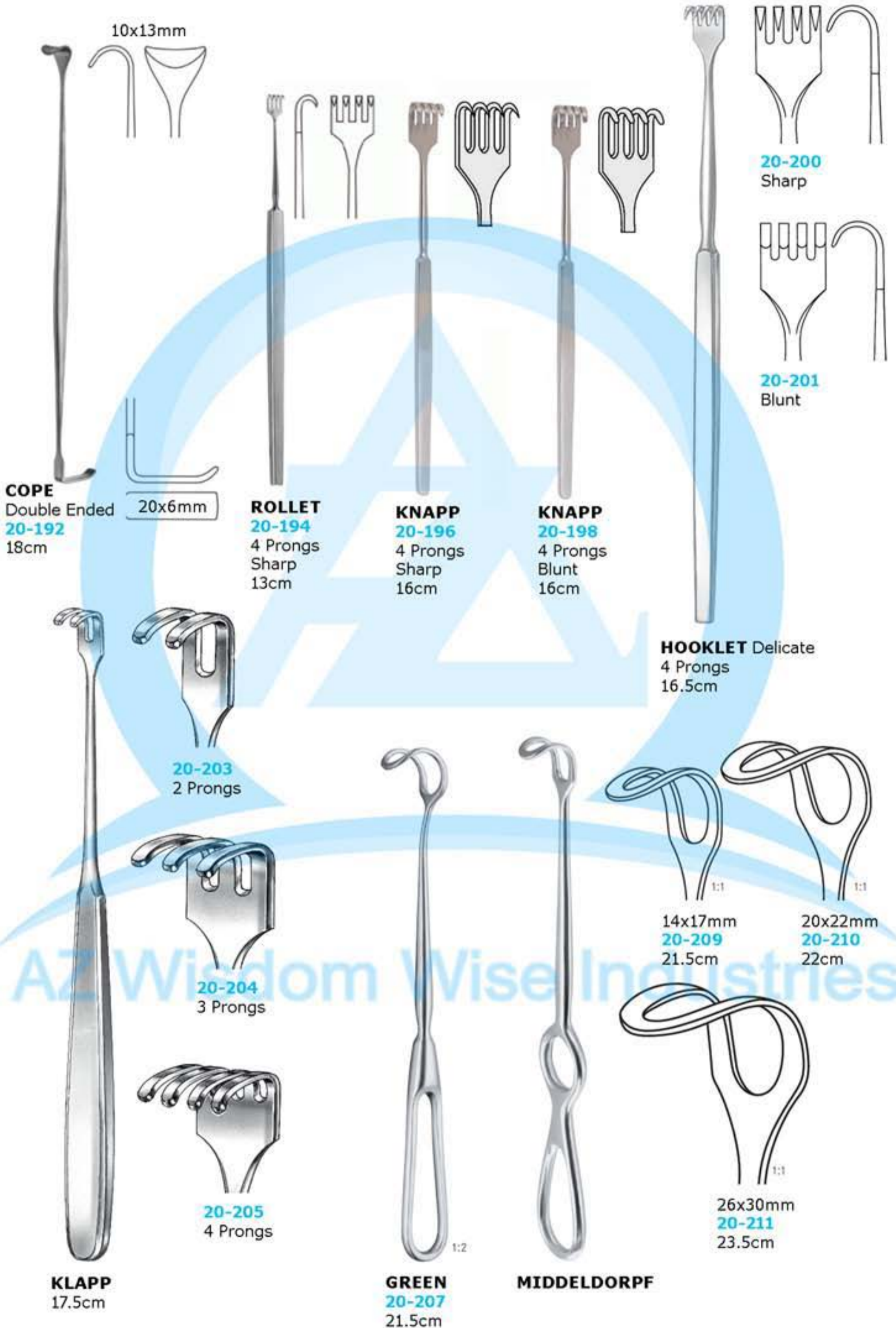


**RETRACTOR**  
16cm



**VOLKMAN**  
Retractor  
11.5cm







**KOERTE**  
23.5cm



26x40mm  
**20-213**  
Sharp



26x40mm  
**20-214**  
Blunt



**20-216**  
Sharp



**20-217**  
Blunt



**VOLKMANN**  
21.5cm



**RETRACTOR**  
1 Prong Sharp  
**20-219**  
21.5cm



**VOLKMANN Hollow Handle**  
21.5cm



Sharp



**20-221**  
1 Prong  
Sharp



**20-222**  
2 Prongs  
Sharp



**20-223**  
3 Prongs  
Sharp



**20-224**  
4 Prongs  
Sharp



**20-225**  
6 Prongs  
Sharp



Blunt



**20-226**  
1 Prong  
Blunt



**20-227**  
2 Prongs  
Blunt



**20-228**  
3 Prongs  
Blunt



**20-229**  
4 Prongs  
Blunt



**20-230**  
6 Prongs  
Blunt



Semi Sharp



**20-231**  
1 Prong  
Semi Sharp



**20-232**  
2 Prongs  
Semi Sharp



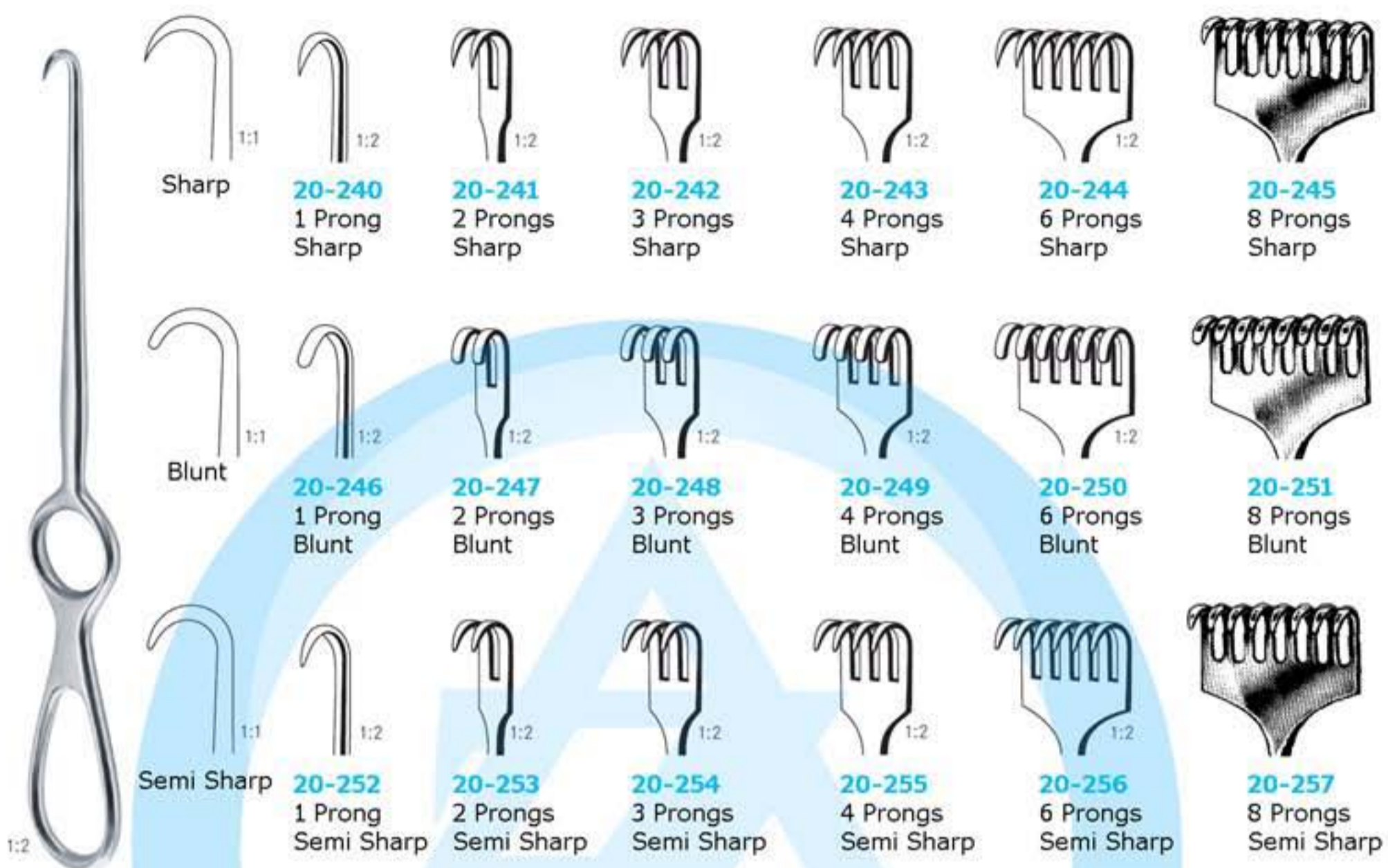
**20-233**  
3 Prongs  
Semi Sharp



**20-234**  
4 Prongs  
Semi Sharp



**20-235**  
6 Prongs  
Semi Sharp



**VOLKMANN**  
21.5cm



**KOCHER**  
21.5cm



a = 40mm  
b = 40mm  
**20-280**  
4 Prongs



a = 45mm  
b = 50mm  
**20-281**  
5 Prongs



a = 50mm  
b = 60mm  
**20-282**  
6 Prongs



a = 70mm  
b = 70mm  
**20-283**  
6 Prongs

**ISRAEL**  
25cm



Fig. 1  
**20-285**  
30x11mm



Fig. 2  
**20-286**  
30x14mm



Fig. 3  
**20-287**  
30x16mm



Fig. 4  
**20-288**  
40x11mm



Fig. 5  
**20-289**  
50x11mm

**LANGENBECK**  
22cm



Fig. 1  
**20-291**  
30x11mm



Fig. 2  
**20-292**  
30x14mm



Fig. 3  
**20-293**  
30x16mm



Fig. 4  
**20-294**  
40x11mm

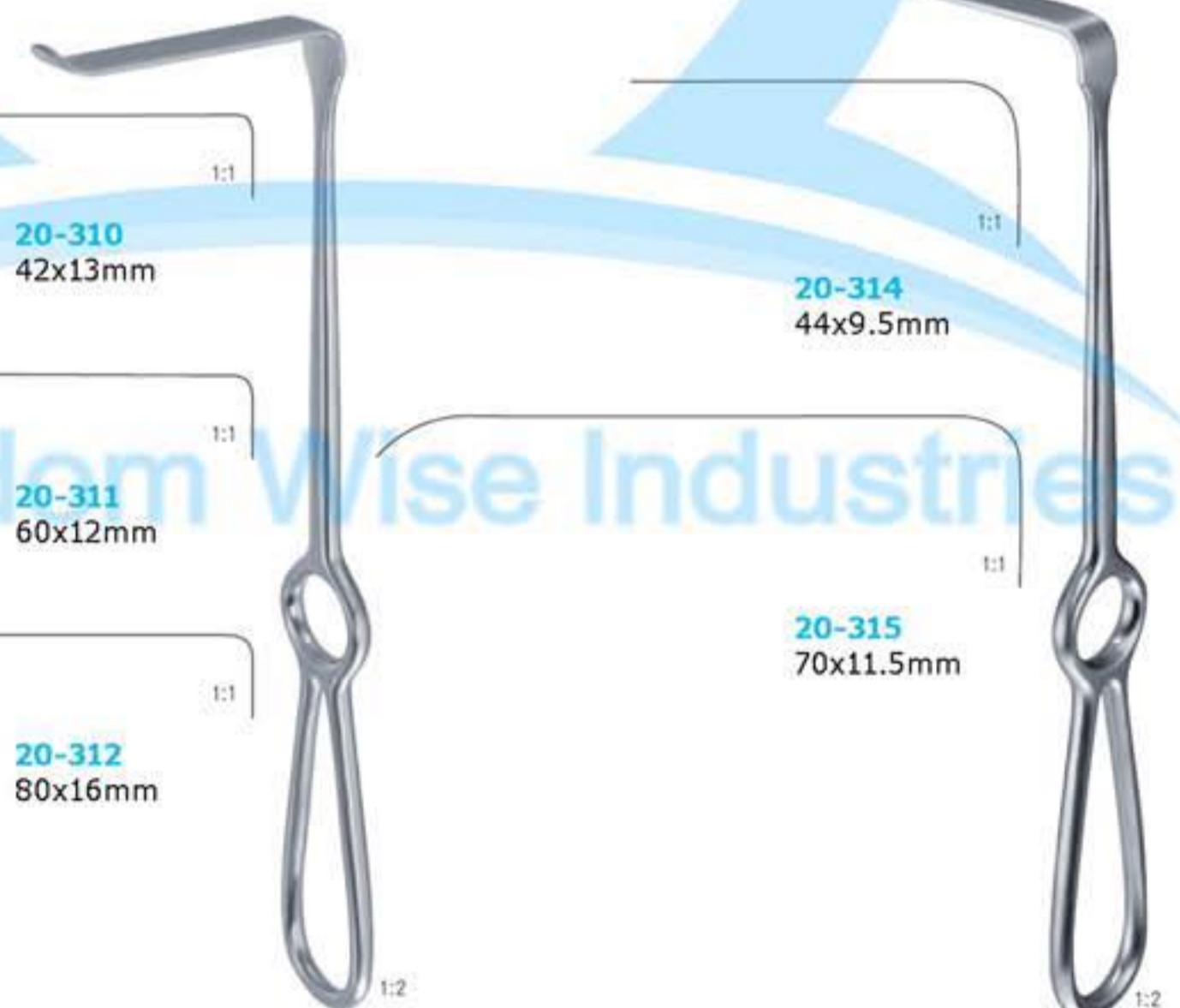


Fig. 5  
**20-295**  
50x11mm

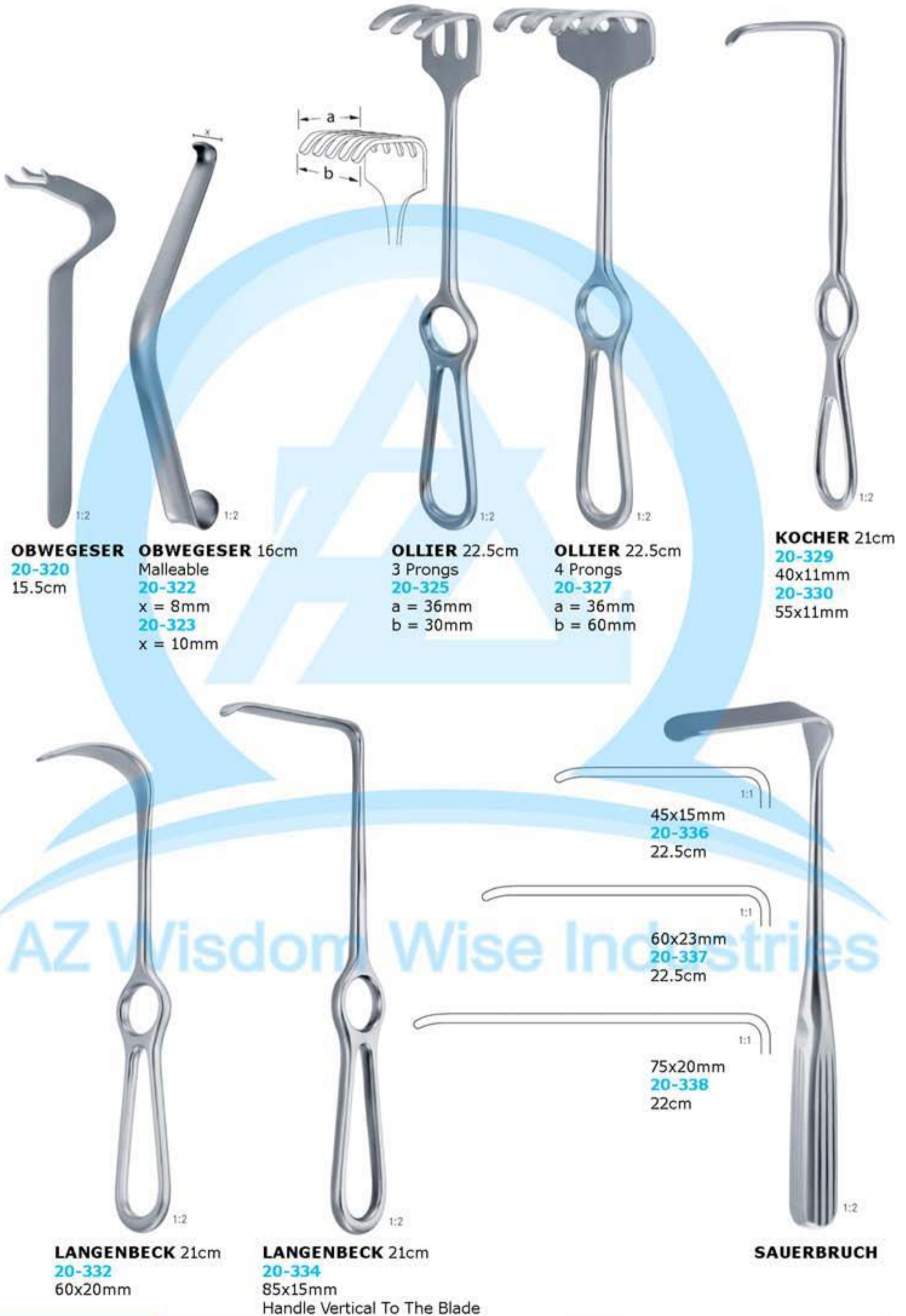
**LANGENBECK**  
21cm



**KOCHER - LANGENBECK  
(OBWEGESER)**  
21.5cm



**OBWEGESER**  
22cm



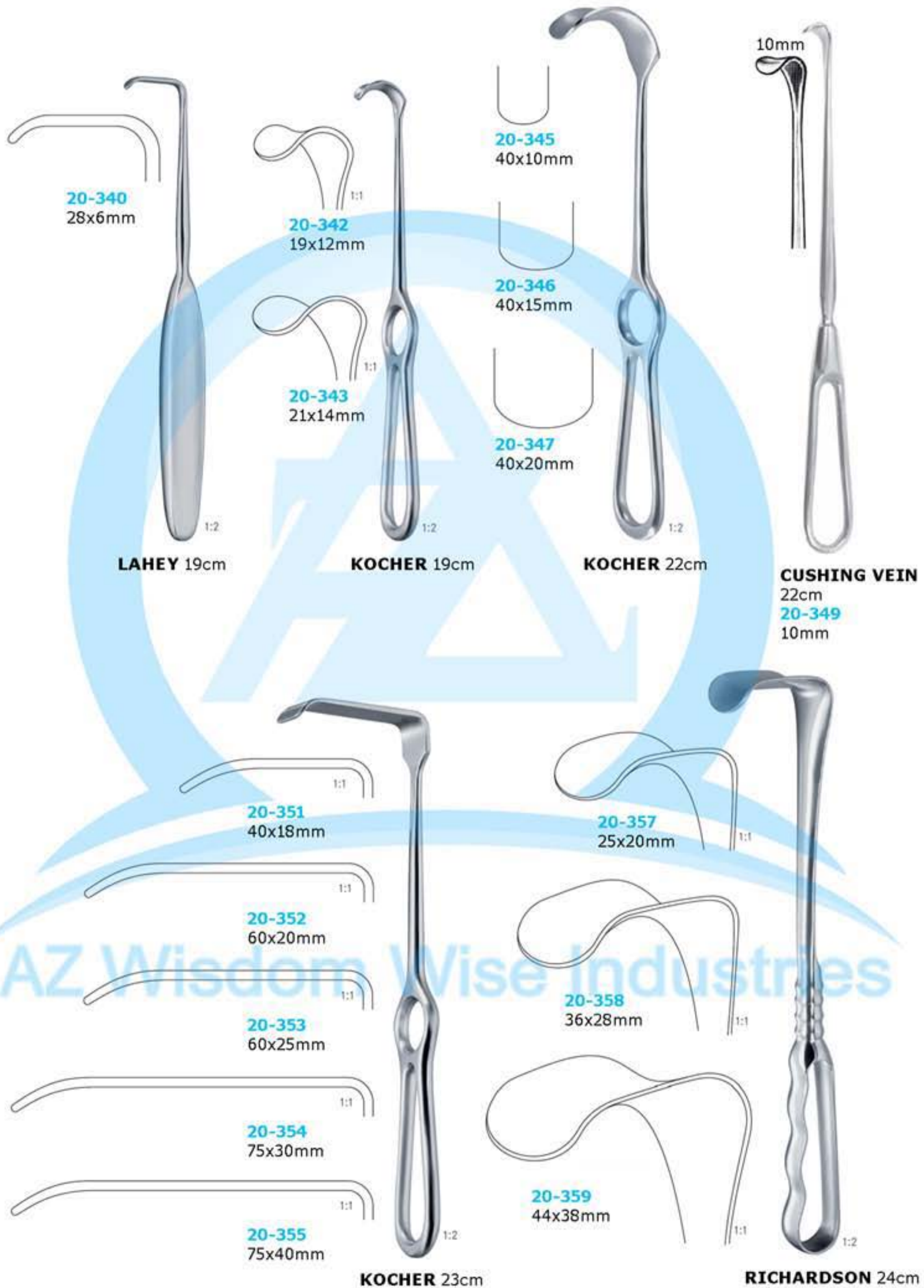




Fig. 2 = 36x28mm  
Fig. 1 = 28x20mm



Fig. 1 = 49x38mm  
Fig. 2 = 63x49mm



**FRITSCH**

- 20-365 = a=37mm b=31mm = 23.5cm
- 20-366 = a=38mm b=40mm = 24cm
- 20-367 = a=43mm b=51mm = 25cm
- 20-368 = a=49mm b=61mm = 25cm
- 20-369 = a=48mm b=75mm = 25.5cm
- 20-370 = a=65mm b=85mm = 26.5cm

**RICHARDSON - EASTMAN**

- 20-361 = Fig. 1 = 26cm
- 20-362 = Fig. 2 = 28cm

**RICHARDSON**

- 24cm
- 20-363
- 52x22mm

**KELLY 26cm**

- 20-364
- 65x50mm



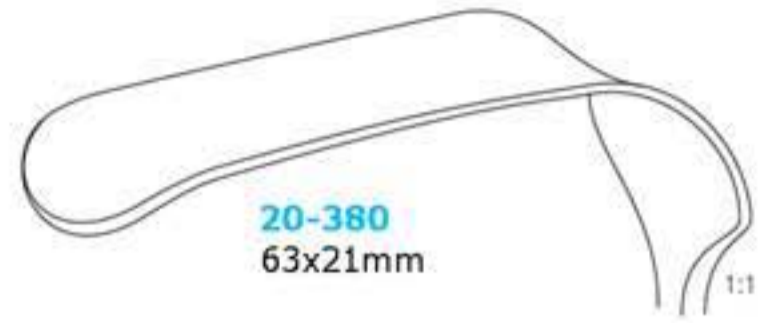
**MEYERDING**

**SIMON 28cm**



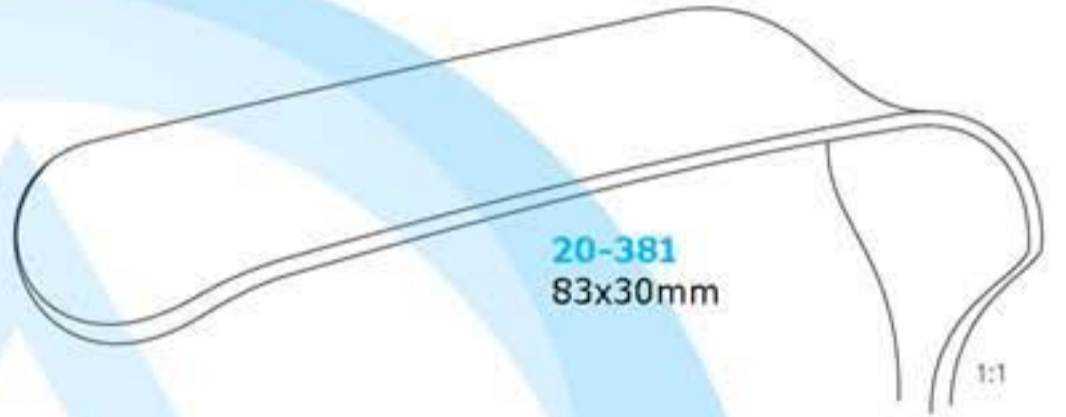
**HOESEL 26cm**

1:2



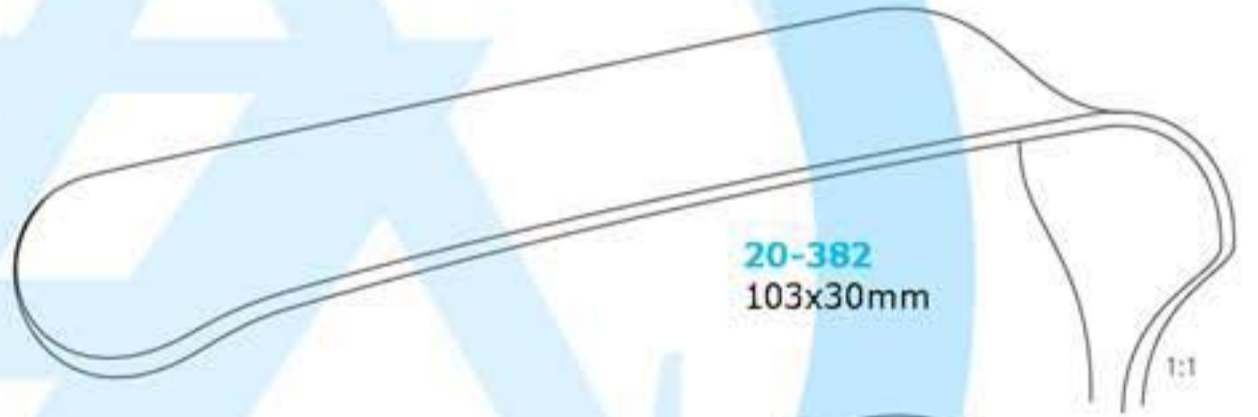
**20-380**  
63x21mm

1:1



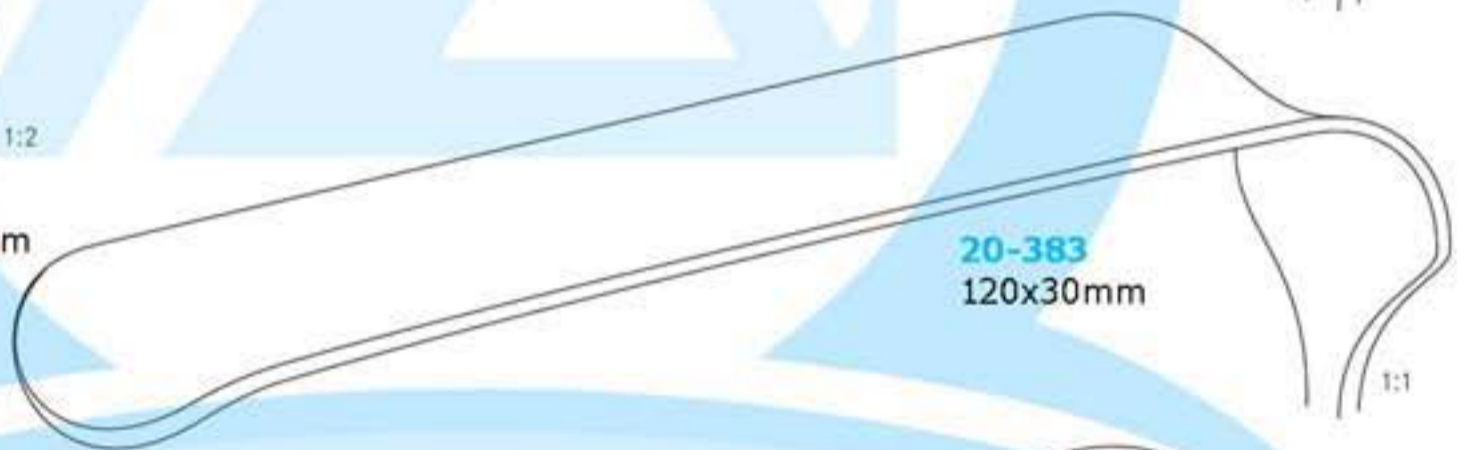
**20-381**  
83x30mm

1:1



**20-382**  
103x30mm

1:1



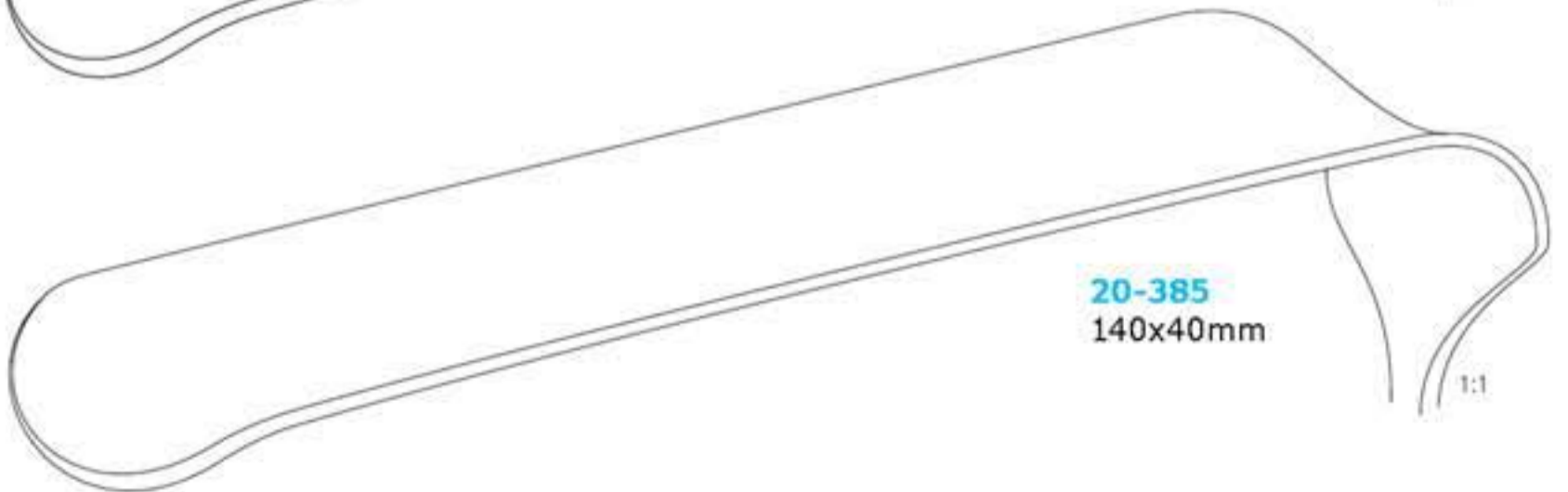
**20-383**  
120x30mm

1:1



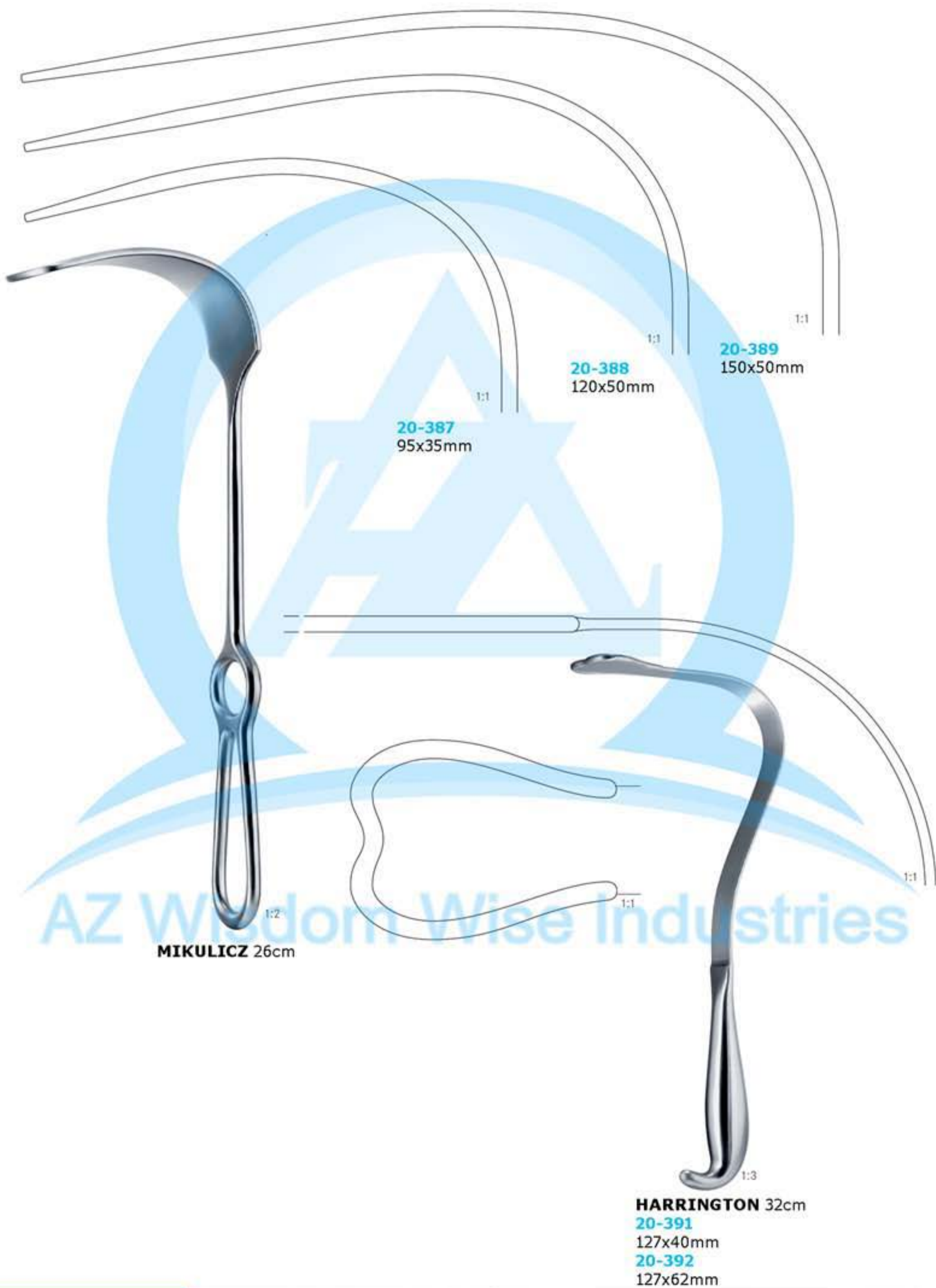
**20-384**  
140x30mm

1:1



**20-385**  
140x40mm

1:1





**MIKULICZ** 26cm  
20-394  
90x50mm



20-396  
a = 75mm - b = 50mm  
20-397  
a = 75mm - b = 90mm



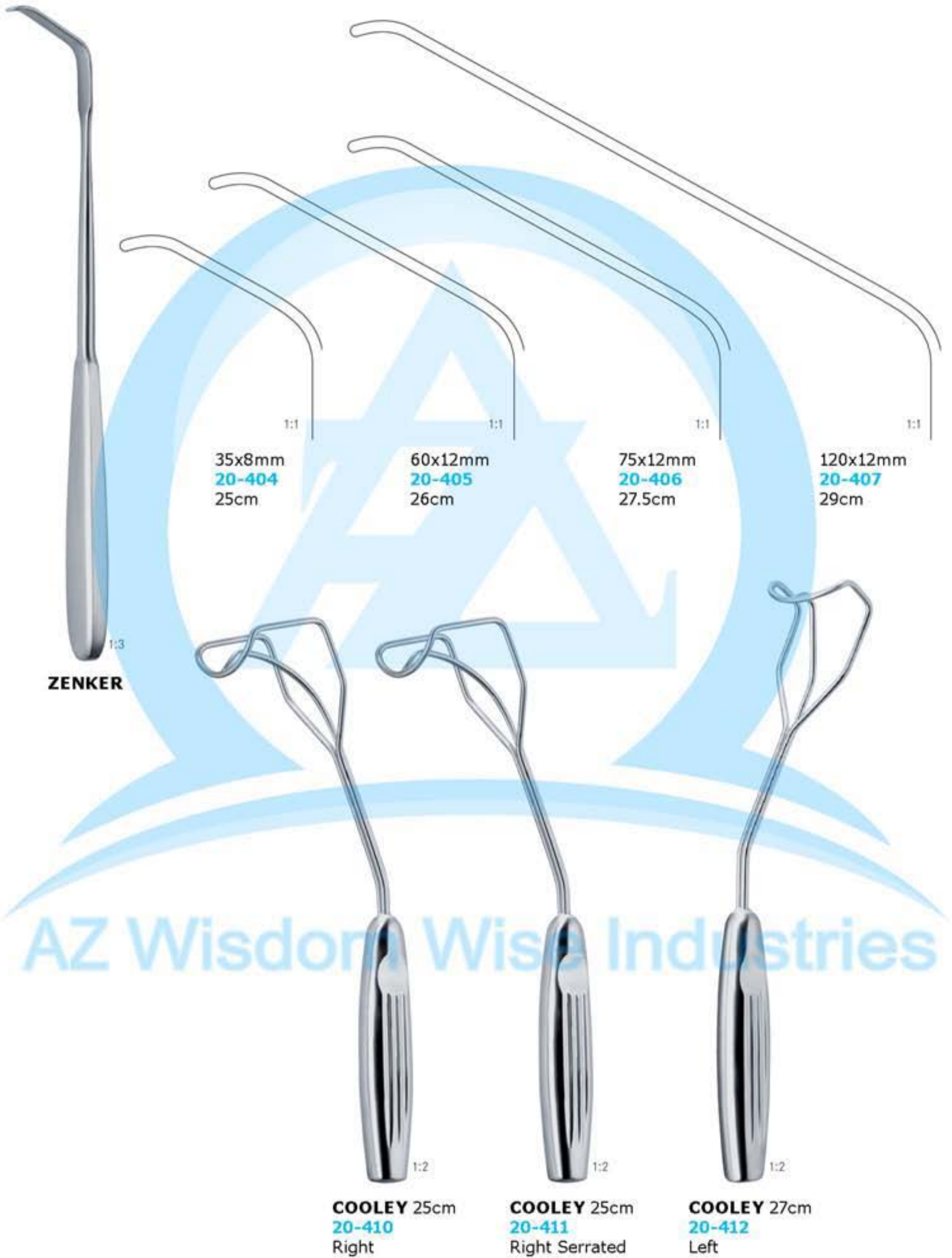
**DAVIDSON** 16cm



**WASSMUND** 20.5cm  
20-399  
33x20mm

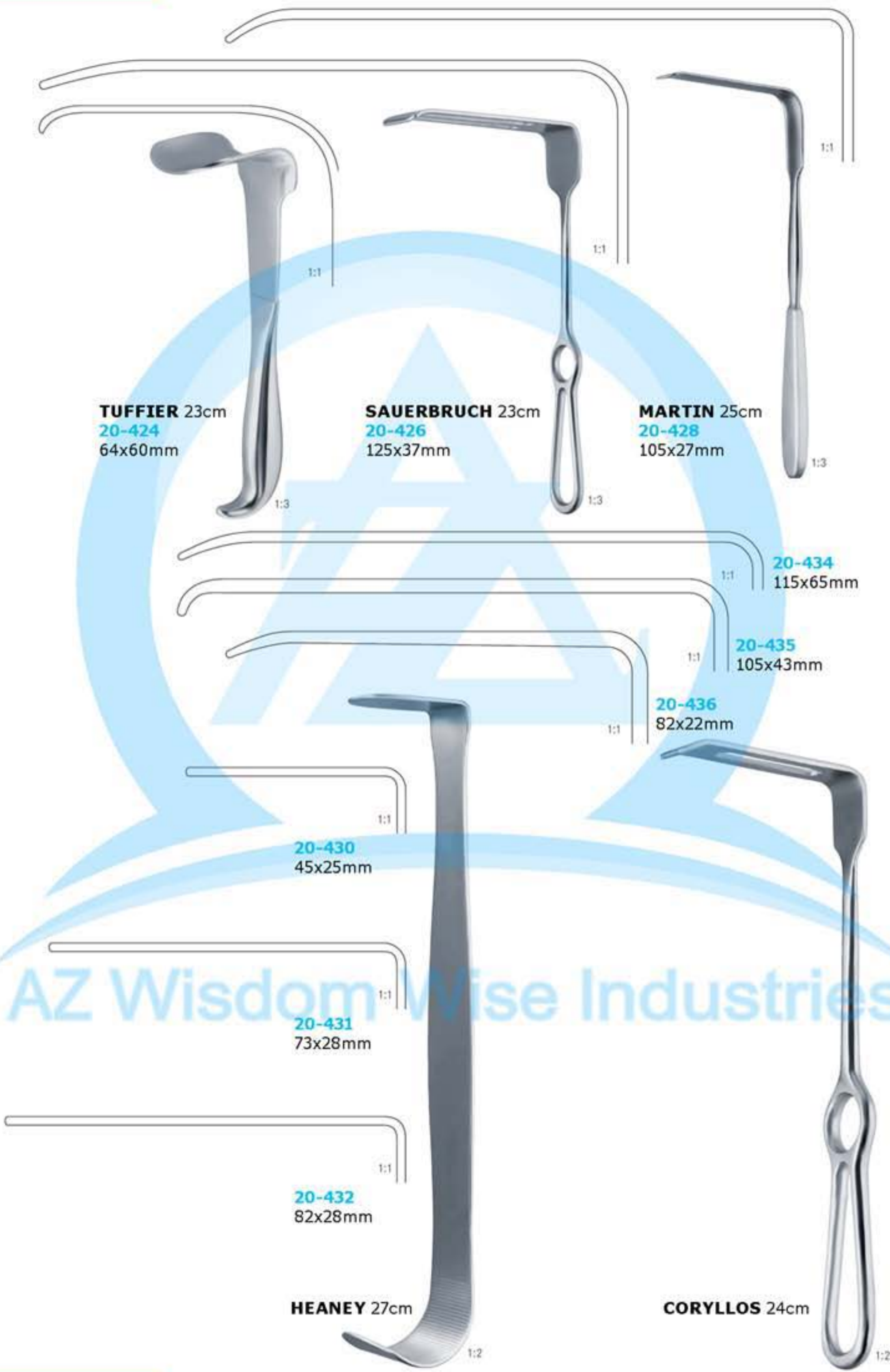


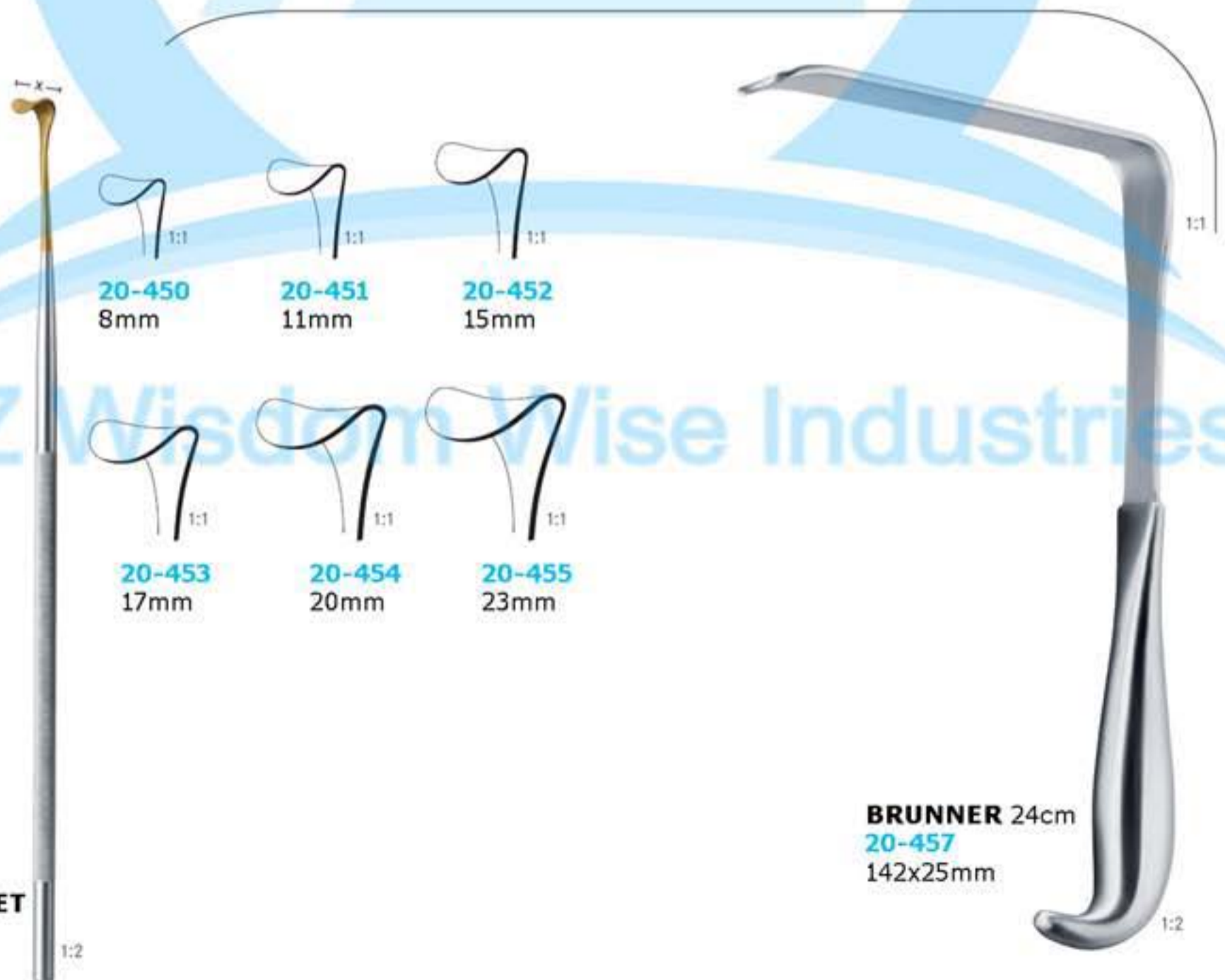
**KELLY** 27cm  
20-401  
190x38mm  
20-402  
190x57mm





AZ Wisdom Wise Industries









1:3  
**ST. MARKS** 29cm  
20-460  
130x60mm



1:3  
**ST. MARKS** 32.5cm  
20-462  
180x60mm



1:3  
**ST. MARKS** 33cm  
20-464  
180x60mm



1:2  
**MORRIS** 21cm  
20-466  
50x55mm



1:2  
**CUSHING** 20cm  
20-468  
Fenestrated



1:2  
**MORRIS** 24.5cm

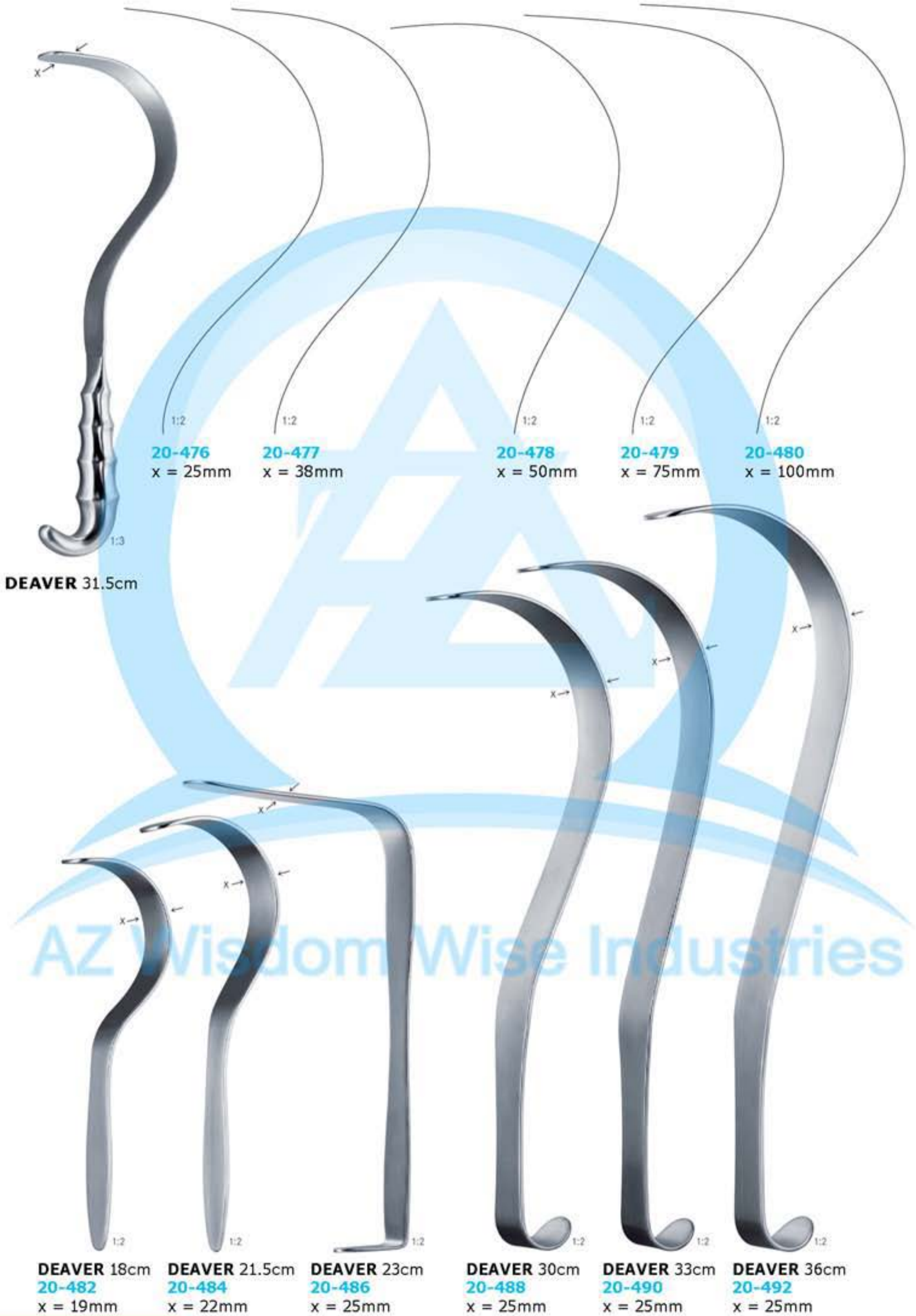
20-470  
70x40mm

20-471  
70x50mm

20-472  
70x65mm



1:2  
**KOERTE** 28cm  
20-474  
120x47mm





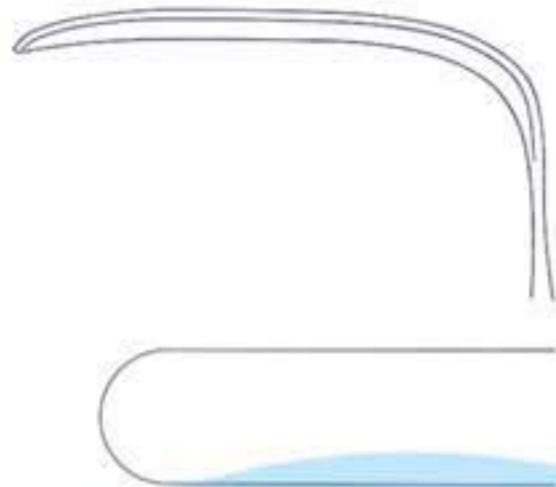
**DEAVER 30cm**  
**20-494**  
x = 38mm

**DEAVER 30cm**  
**20-496**  
x = 50mm

**DEAVER 30cm**  
**20-498**  
x = 75mm



**DOYEN - STILLE** 26cm



**20-500**  
87x28mm



**20-501**  
97x31mm



**20-502**  
117x52mm



**MARTIN** 26.5cm  
**20-504**  
110x27mm



**POLLOSON** 29cm  
**20-506**  
x = 60mm



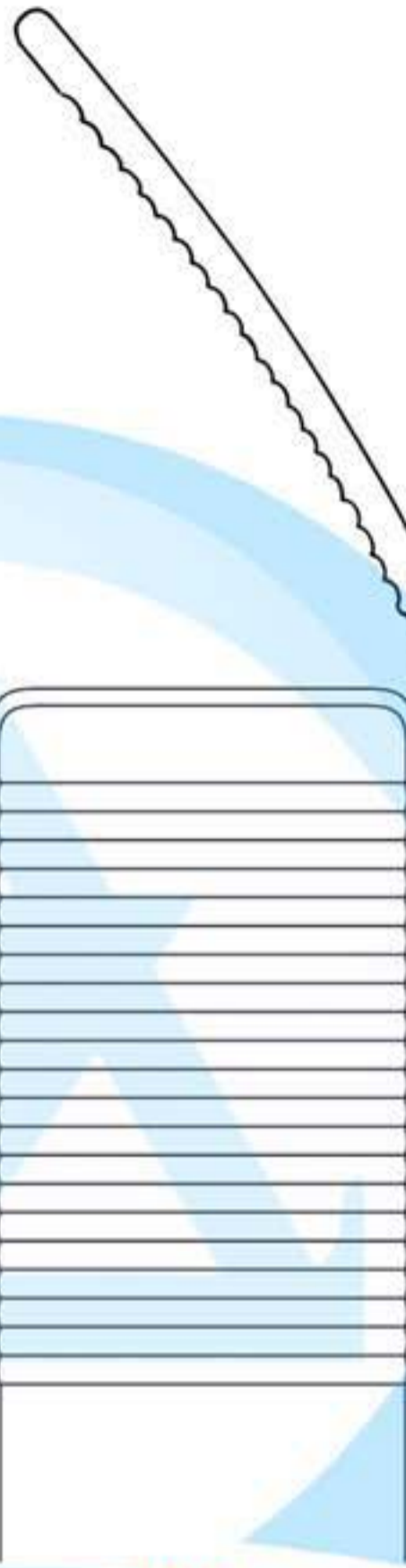
**POLLOSON** 26cm  
**20-508**  
Fenestrated



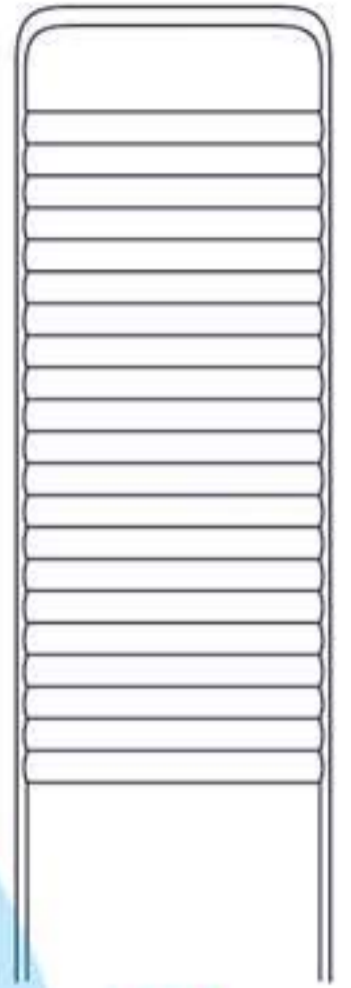
**KÜMMEL**  
**KUEMMEL** 31cm  
20-510  
100x45mm



**KADER** 28cm



20-513  
30mm

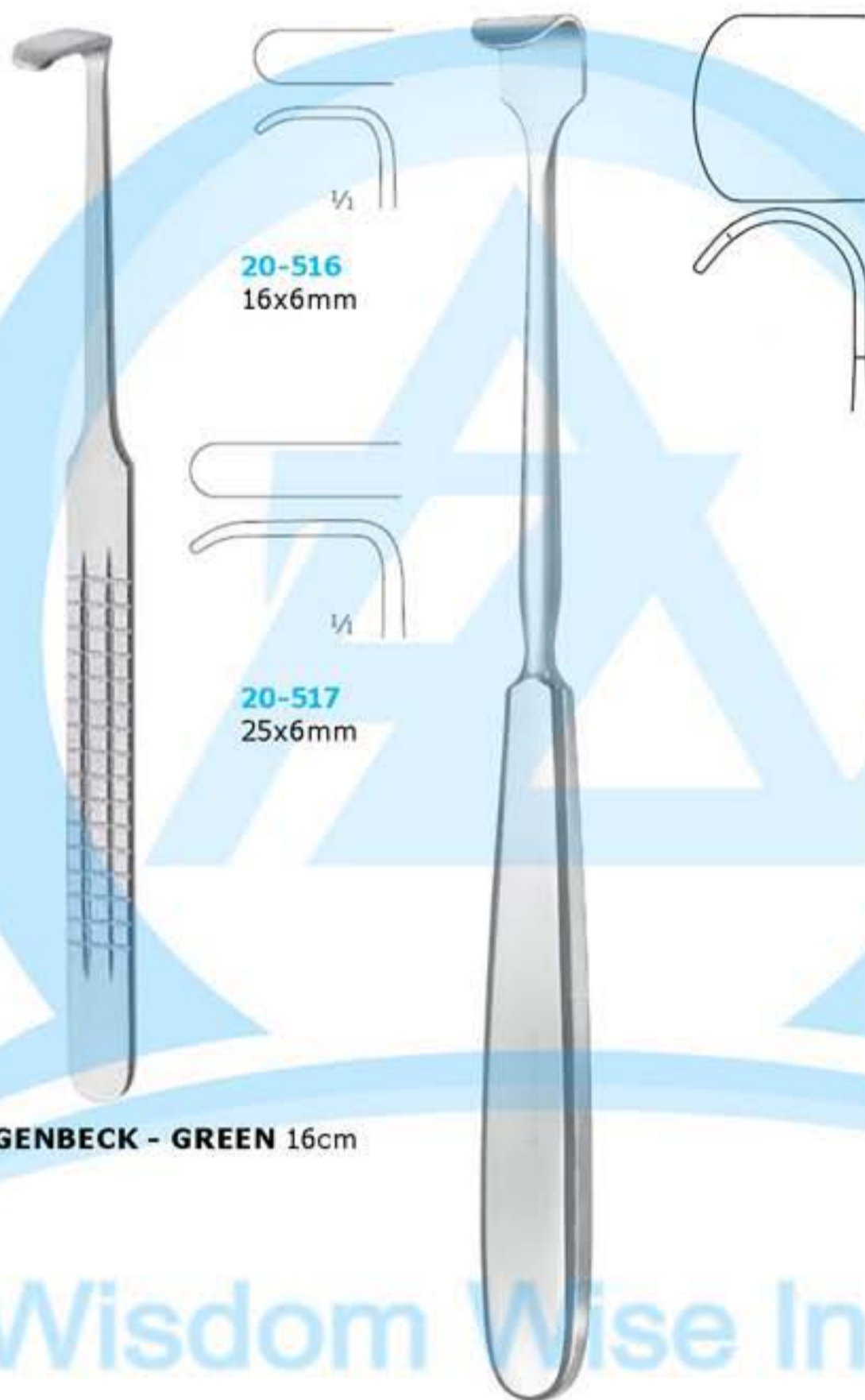


20-512  
20mm

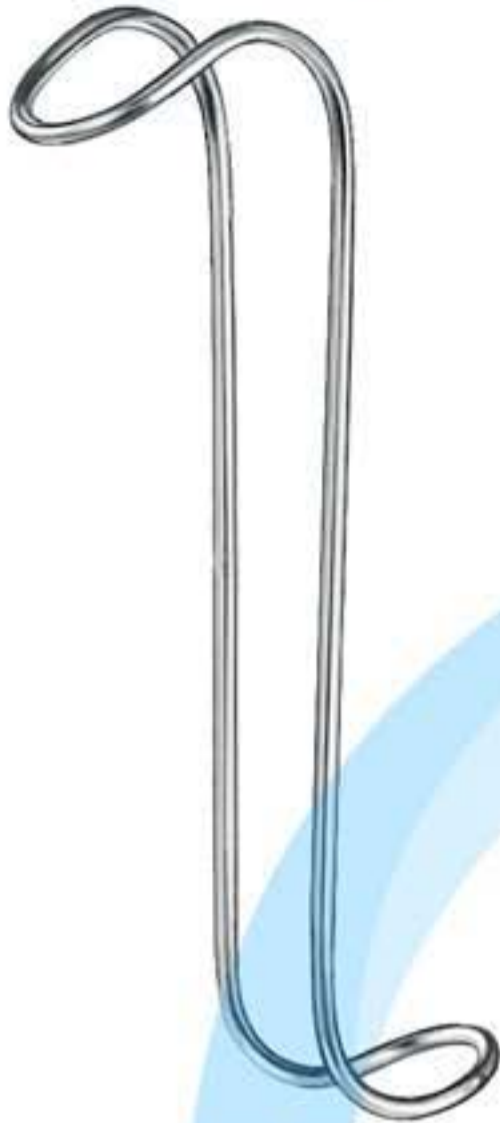


20-514  
40mm

AZ Wisdom Wise Industries



AZ Wisdom Wise Industries



**COLLIN HARTMANN**  
20-521 = Set Of 2 Pieces  
20-522 = Fig. 1 = 14cm  
20-523 = Fig. 2 = 16cm

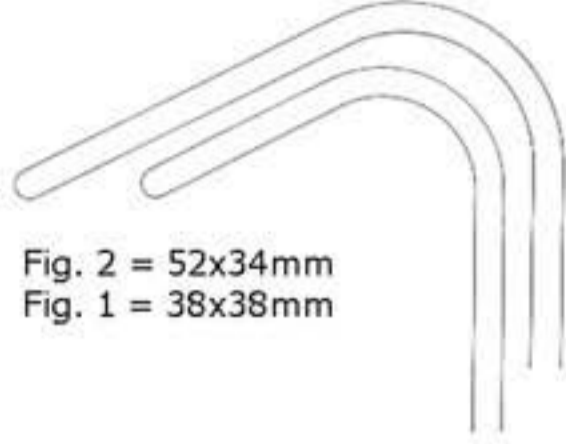


Fig. 2 = 52x34mm  
Fig. 1 = 38x38mm

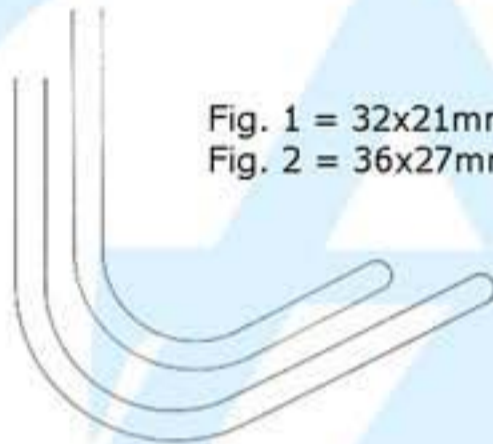


Fig. 1 = 32x21mm  
Fig. 2 = 36x27mm



Fig. 1  
19x15mm

Fig. 2  
22x15mm

Fig. 1  
19x15mm

Fig. 2  
22x15mm

**PARKER** 13.5cm  
20-525 = Set Of 2 Pieces  
20-526 = Fig. 1  
20-527 = Fig. 2



**ROUX**  
20-529 = Set Of 3 Pieces  
20-530 = Fig. 1 = 14cm  
20-531 = Fig. 2 = 15cm  
20-532 = Fig. 3 = 17cm

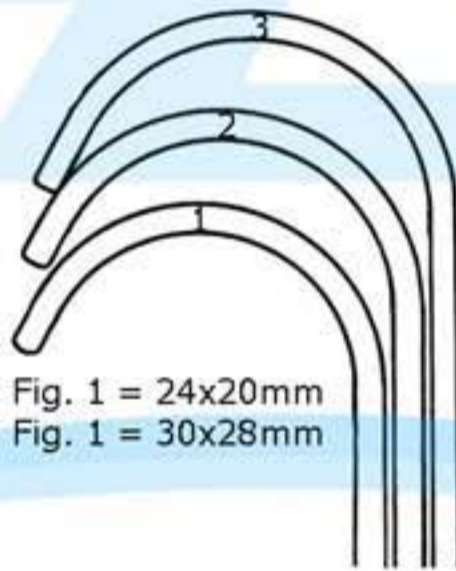


Fig. 1 = 24x20mm  
Fig. 1 = 30x28mm

Fig. 2 = 29x26mm  
Fig. 2 = 36x36mm

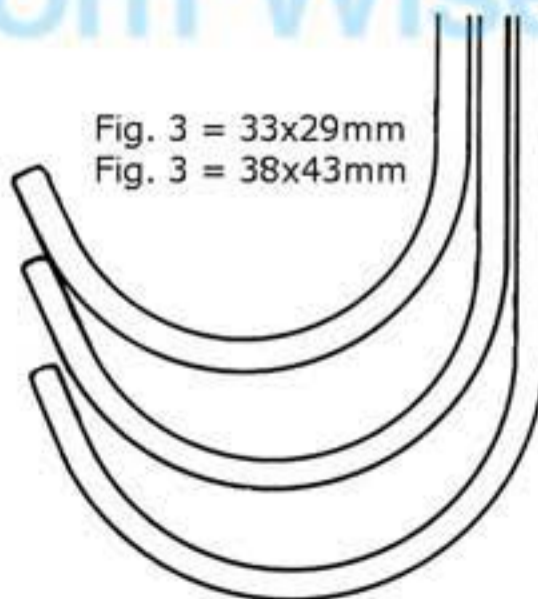


Fig. 3 = 33x29mm  
Fig. 3 = 38x43mm

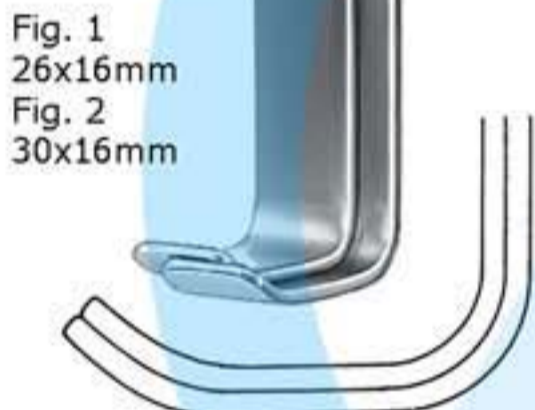
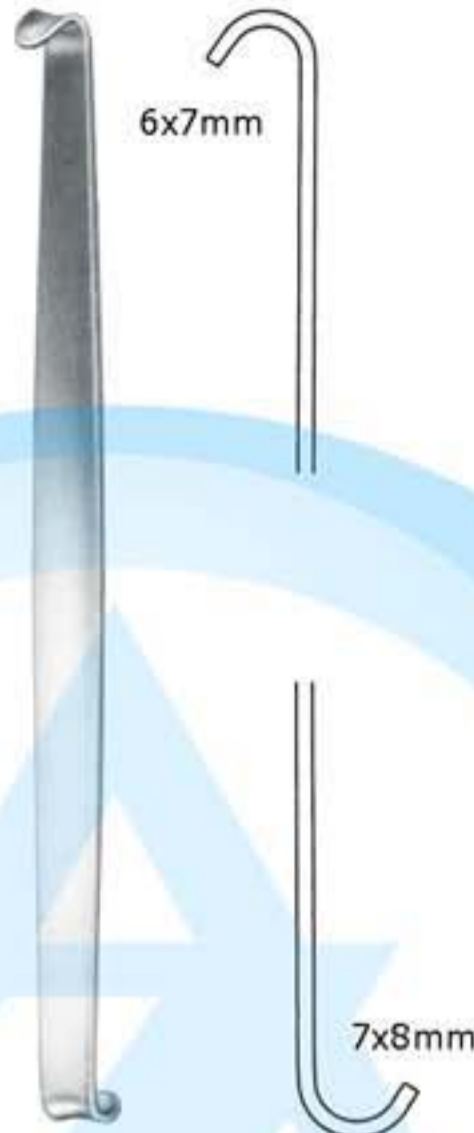


Fig. 2  
30x10mm  
Fig. 1  
26x10mm



Fig. 1  
30x13mm  
Fig. 2  
34x13mm

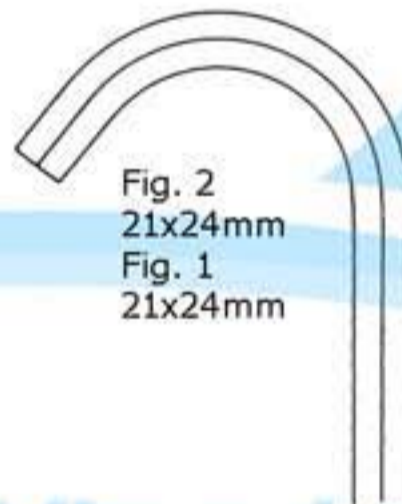
**FARABEUF** 12cm  
20-534 = Set Of 3 Pieces  
20-535 = Fig. 1  
20-536 = Fig. 2



**MINI - ROUX** 14.5cm  
20-542

**BABY - ROUX** 13cm  
20-544

**FARABEUF** 15cm  
20-538 = Set Of 2 Pieces  
20-539 = Fig. 1  
20-540 = Fig. 2



AZ Wisdom Wise Industries

**PARKER - MOTT** 16cm  
20-546 = Set Of 2 Pieces  
20-547 = Fig. 1  
20-548 = Fig. 2







Fig. 2  
22x15mm  
Fig. 1  
19x15mm

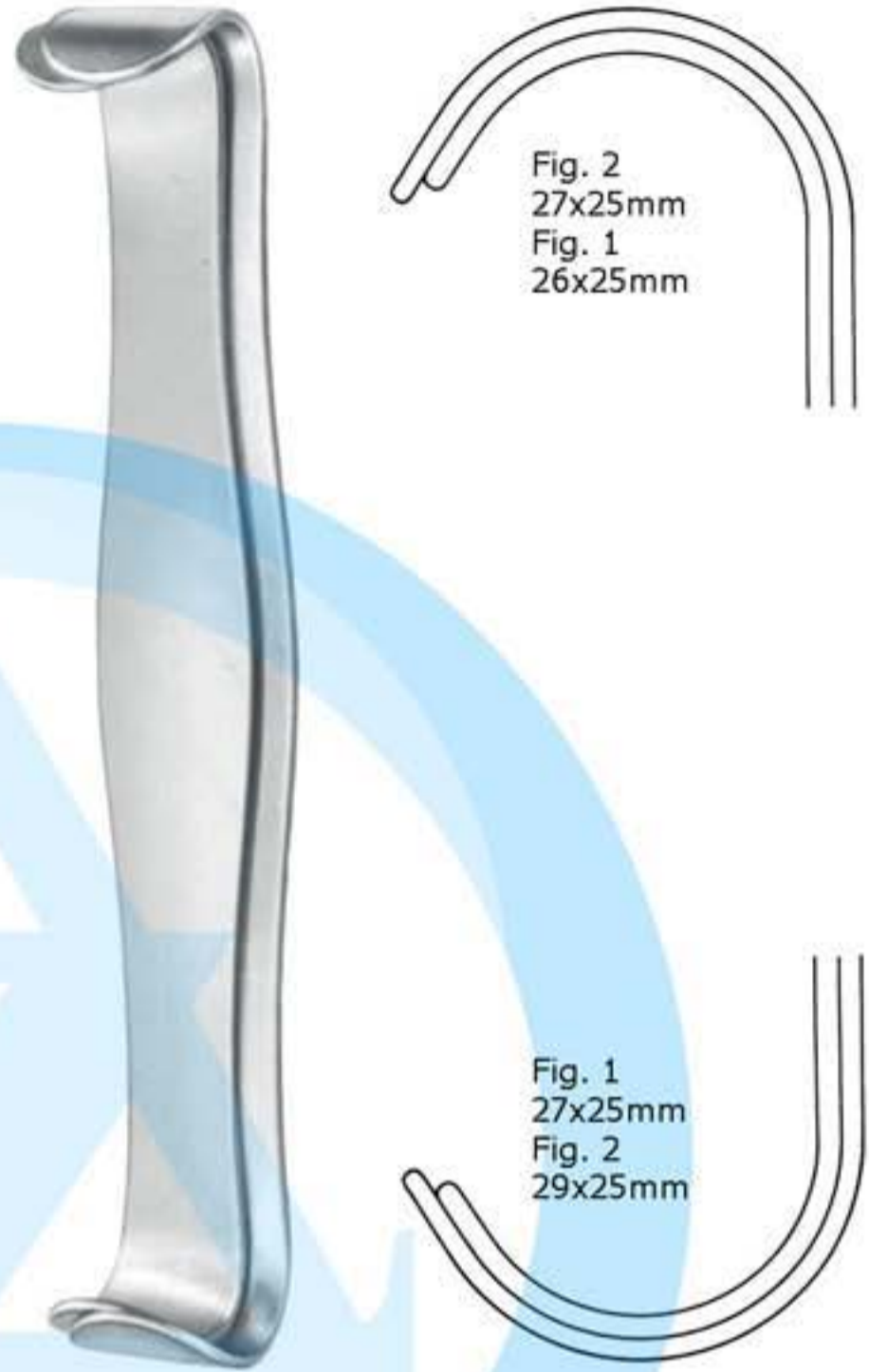


Fig. 2  
27x25mm  
Fig. 1  
26x25mm

**PARKER** 14cm  
20-549 = Set Of 2 Pieces  
20-550 = Fig. 1  
20-551 = Fig. 2

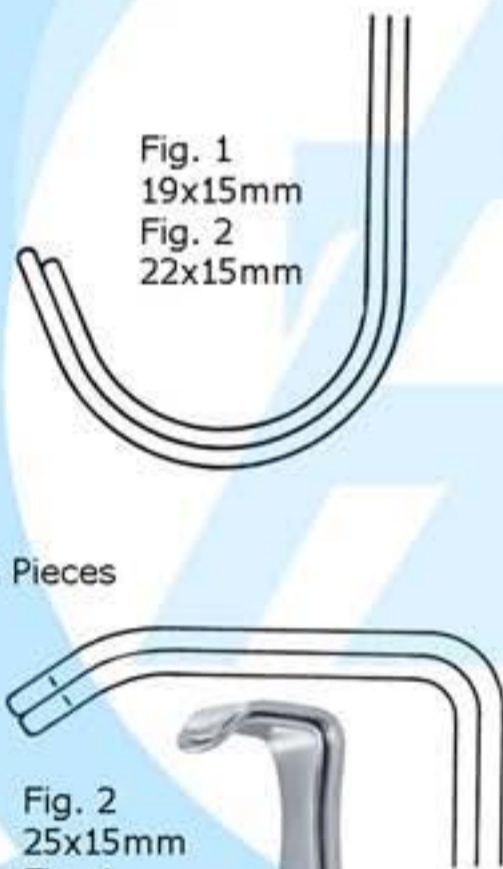


Fig. 1  
19x15mm  
Fig. 2  
22x15mm

**PARKER LARGE** 18.5cm  
20-553 = Set Of 2 Pieces  
20-554 = Fig. 1  
20-555 = Fig. 2



Fig. 2  
25x15mm  
Fig. 1  
21x15mm

**(US. ARMY) PARKER - LANGENBECK** 21cm  
20-557 = Set Of 2 Pieces  
20-558 = Fig. 1  
20-559 = Fig. 2



Fig. 1  
25x18mm

Fig. 2  
28x19mm

Fig. 1  
28x18mm

Fig. 2  
32x19mm

**MAYO - COLLIN** 15cm  
20-561 = Set Of 2 Pieces  
20-562 = Fig. 1  
20-563 = Fig. 2



Fig. 2 = 47x13mm  
Fig. 1 = 42x13mm



40x40mm



Fig. 1 = 42x26mm  
Fig. 2 = 46x26mm



30x30mm

**GOELET** 19cm  
20-569

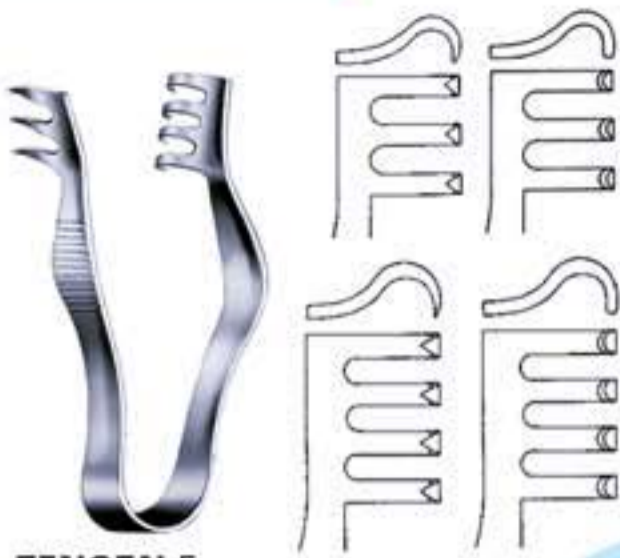
**MATHIEU** 20cm  
20-565 = Set Of 2 Pieces  
20-566 = Fig. 1  
20-567 = Fig. 2

AZ Wisdom Wise Industries

Wundhaken  
Retractors  
Separadores  
Ecarteurs  
Divaricatori

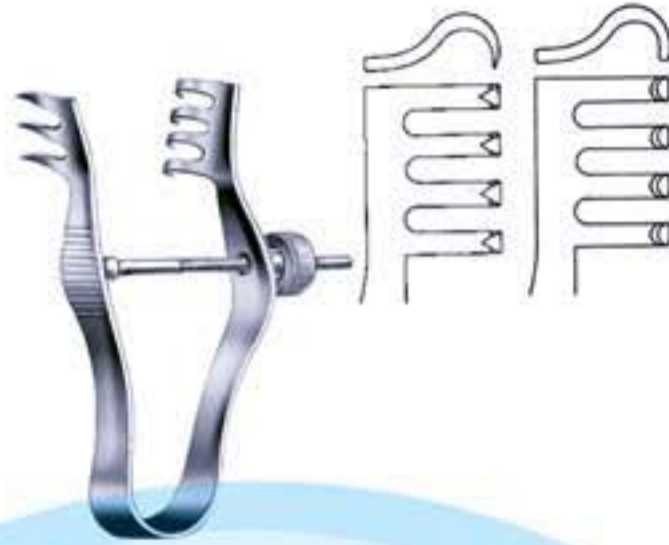
**21**  
**162 - 181**





**FINSEN 5cm**  
21-001 = Sharp  
21-002 = Blunt

**FINSEN 7cm**  
21-003 = Sharp  
21-004 = Blunt



**FINSEN 7cm**  
21-006 = Sharp  
21-007 = Blunt



**FINSEN 8cm**  
Modified Plain  
21-009 = Sharp  
21-010 = Blunt

**FINSEN 8cm**  
Modified Serrated  
21-012 = Sharp  
21-013 = Blunt



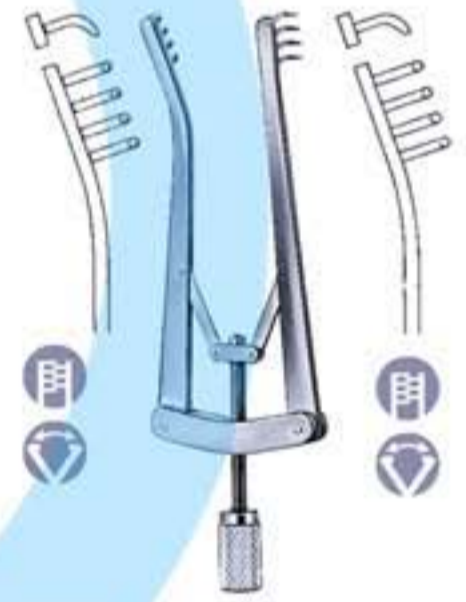
**BUCKLEY 8cm**  
21-014  
3x3 Prongs



**LOGAN 4cm**  
21-016  
3x3 Prongs



**HOLTZHEIMER 10cm**  
21-018 = 4x4 Prongs = Sharp  
21-019 = 4x4 Prongs = Blunt



**ALM 7cm**  
21-021 = 4x4 Prongs = Sharp  
21-022 = 4x4 Prongs = Blunt



**ALM 10cm**  
21-024  
4x4 Prongs = Sharp  
21-025  
4x4 Prongs = Blunt



**ALLPORT 9.5cm**  
21-027  
4x4 Prongs = Sharp  
21-028  
4x4 Prongs = Blunt



**JANSEN 10cm**  
21-030 = 3x3 Prongs = Sharp  
21-031 = 3x3 Prongs = Blunt  
**JANSEN 11cm**  
21-033 = 3x3 Prongs = Sharp  
21-034 = 3x3 Prongs = Blunt



**BOSE 7cm**  
21-036



**CLOWARD - CONTOUR 14cm**  
3x4 Prongs  
21-040 = Sharp  
21-041 = Blunt



**WULLSTEIN 10cm**  
3x3 Prongs  
21-043 = Sharp  
21-044 = Blunt



**WULLSTEIN 13cm**  
3x3 Prongs  
21-046 = Sharp  
21-047 = Blunt



**MILLIGAN 13cm**  
3x3 Prongs  
21-049 = Blunt



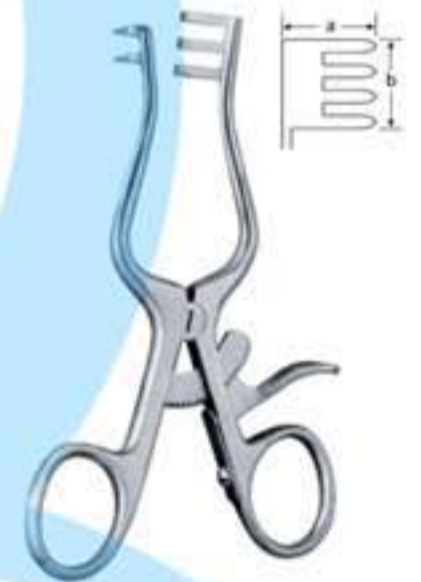
**BELUCCI 11cm 1x2 Prongs**  
21-051 = Blunt = Left  
**BELUCCI 13cm 1x2 Prongs**  
21-052 = Blunt = Left



**BELUCCI 11cm 1x2 Prongs**  
21-054 = Blunt = Right  
**BELUCCI 13cm 1x2 Prongs**  
21-055 = Blunt = Right



**MILLISON 15cm**  
4x4 Prongs  
21-057 = Sharp



**WEITLANER - LOKTITE 10.5cm**  
2x3 Prongs a=17mm, b=13mm  
21-059 = Sharp  
21-059A = Semi Sharp  
21-059B = Blunt



**Weitlaner - loktite 3x4 Prongs**  
13cm, a=17mm, b=13mm  
21-060 = Sharp  
21-061 = Semi Sharp  
21-062 = Blunt  
16.5cm, a=17mm, b=17mm  
21-063 = Sharp  
21-064 = Semi Sharp  
21-065 = Blunt  
20cm, a=20mm, b=19mm  
21-066 = Sharp  
21-067 = Semi Sharp  
21-068 = Blunt  
26cm, a=26mm, b=21mm  
21-069 = Sharp  
21-070 = Semi Sharp  
21-071 = Blunt



**PLESTER 13cm**  
2x2 Prongs  
21-077 = Sharp  
21-078 = Blunt



**PLESTER 11cm**  
2x1 Prongs  
21-078 = Blunt = Left



**PLESTER 11cm**  
2x1 Prongs  
21-080 = Blunt = Right



**NORFOLK AND NORWICH** 22cm  
4x5 Prongs  
21-082 = Blunt



**TRAVERS** 21.5cm  
4x5 Prongs  
21-084 = Blunt

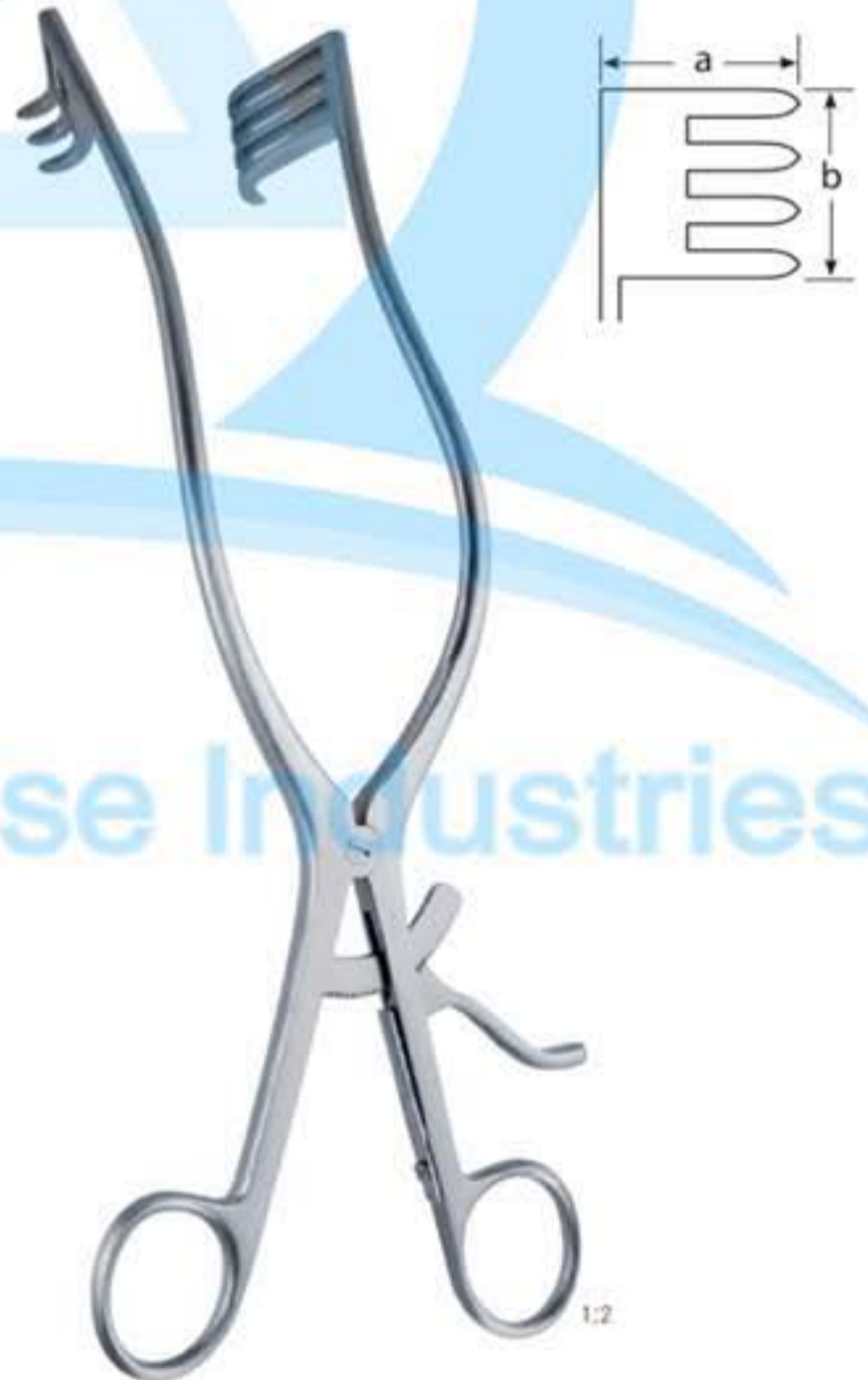


**ANDERSON - ADSON** 19.5cm  
4x4 Prongs  
21-086 = Sharp  
21-087 = Blunt



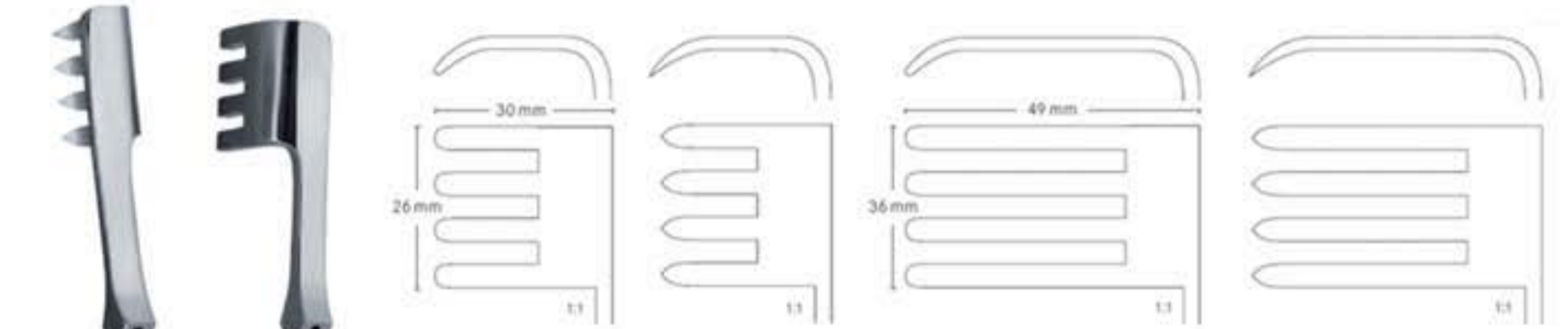
**ADSON (CONE)**

- |                                  |        |
|----------------------------------|--------|
| Sharp                            | Blunt  |
| 21-090 = 13cm = a=17mm, b=19mm = | 21-091 |
| 21-092 = 16cm = a=17mm, b=19mm = | 21-093 |
| 21-094 = 20cm = a=20mm, b=20mm = | 21-095 |
| 21-096 = 26cm = a=26mm, b=21mm = | 21-097 |



**ADSON** 26.5cm

- |                                 |          |         |
|---------------------------------|----------|---------|
| Sharp                           | = Prongs | = Blunt |
| 21-100 = 3x4 = a=24mm, b=24mm = |          | 21-101  |
| 21-102 = 6x6 = a=40mm, b=40mm = |          | 21-103  |



Sharp  
**21-105**  
4x4 Prongs  
30x26mm

Blunt  
**21-106**  
4x4 Prongs  
30x26mm

Blunt  
With Deep Blades  
**21-107**  
4x4 Prongs  
49x36mm

Sharp  
With Deep Blades  
**21-108**  
4x4 Prongs  
49x36mm



**BECKMANN - ADSON** 31cm



**BECKMANN** 31cm  
4x4 Prongs  
**21-110** = Sharp  
**21-111** = Semi Sharp  
**21-112** = Blunt



**BECKMANN - EATON** 32cm  
7x7 Prongs  
**21-114** = Sharp



**GELPI**  
1x1 Prongs = Sharp  
21-120 = 9cm  
21-121 = 11cm  
21-122 = 13cm  
21-123 = 14cm  
21-124 = 16.5cm  
21-125 = 18cm  
21-126 = 20cm  
21-127 = 25cm



**GELPI 18cm**  
1x1 Prongs = Sharp  
21-129



**MARKHAM - MEYERDING 18cm**  
21-131 Right  
21-132 Left



**RIGBY 18cm**  
21-133



**HENLEY 16.5cm**  
3x4 Prongs  
Complete With  
3 Center Blades  
21-134 = Sharp  
21-135 = Blunt



**HENLEY**  
Center Blade  
21-137  
19x16mm

**HENLEY**  
Center Blade  
21-138  
25x16mm

**HENLEY**  
Center Blade  
21-139  
32x16mm





**WILLIAMS** 17cm



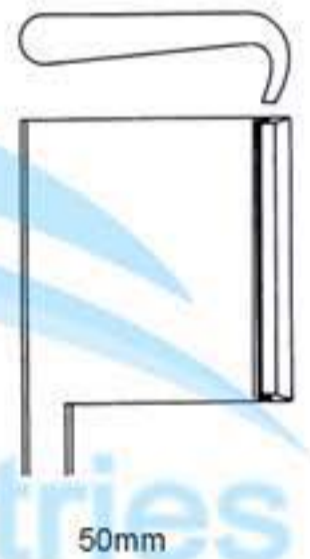
**HARTMANN** Spreader 25cm  
With Center Blade 3x4 Prongs  
**21-149**



Center Blade For  
**HARTMANN** Spreader  
25cm  
**21-151**

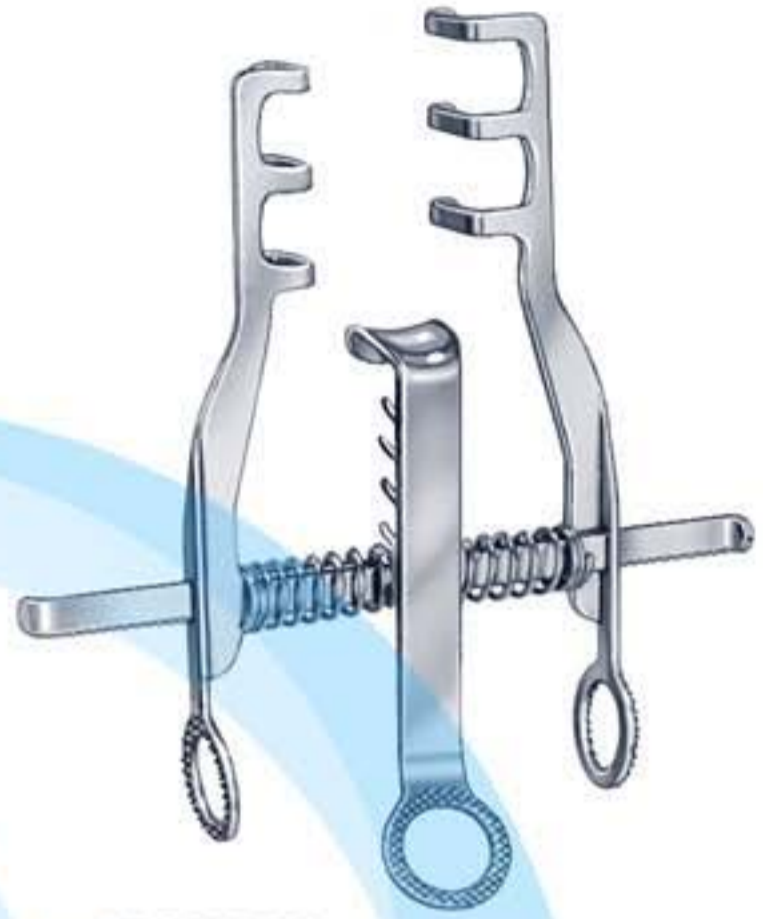


**WEITLANER - BABY** 13.5cm  
Wound Spreader  
Full Blade Solid  
**21-153**





**VICKERS SPREADER**  
Low - Profile  
**21-155**  
6cm



**SPREADER**  
Low - Profile 3x3 Prongs  
**21-157**  
9cm



**SPREADER**  
Low - Profile Full Blunt  
**21-159**  
7.5cm



**VICKERS**  
Finger Wound Spreader  
**21-161**  
5cm



**BABY - COLLIN** 18cm  
X = 80mm  
**21-163**  
Lateral Blade = 40x18mm  
Lateral Blade = 40x27mm  
Complete With  
2 Pairs Of Blades



**COLLIN** 22cm  
X = 100mm  
**21-165**  
Lateral Blade = 60x38mm  
Complete With  
1 Pairs Of Blades



**COLLIN** 22.5cm  
With Center Blade  
X = 100mm  
**21-167**  
Lateral Blade = 60x38mm  
Center Blade = 55x38mm  
**21-168**  
Lateral Blade = 80x38mm  
Center Blade = 75x50mm  
**21-169**  
Lateral Blade = 98x37mm  
Center Blade = 76x53mm



**HOLZBACH** 26cm  
With Center Blade  
X = 100mm  
**21-171**  
Lateral Blade = 80x62mm  
Center Blade = 80x80mm



**COLLIN** 26cm  
With Center Blade  
X = 100mm  
**21-173**  
Lateral Blade = 80x60mm  
Center Blade = 75x60mm



**BABY - GOSSET** 12.5cm  
X = 100mm  
21-175  
Lateral Blade = 40x30mm

**GOSSET** 18.5cm  
X = 140mm  
21-177  
Lateral Blade = 63x35mm



**GOSSET**  
With Center Blade  
X = 160mm  
21-179  
Lateral Blade = 63x35mm  
Center Blade = 70x65mm



**BALFOUR - BABY**  
With Center Blade  
X = 90mm  
21-181  
Lateral Blade = 27x27mm  
Center Blade = 24x20mm



**BALFOUR**

With Center Blade

**21-183** X = 180mm

Lateral Blade = 70x35mm

Center Blade = 80x45mm

**21-184** = X = 250mm

Lateral Blade = 100x35mm

Center Blade = 85x70mm



Center Blade For  
**BALFOUR** 25cm

**21-186**

80x45mm

**21-187**

85x70mm

**21-188**

90x80mm



**BALFOUR**

With Center Blade

X = 200mm

**21-190**

Lateral Blade = 100x35mm

Center Blade = 100x70mm



**O'SULLIVAN - O'CONNOR**

**21-192**

Lateral Blade = 90x45mm

Center Blade = 100x70mm



**RICHARD**

**21-194**

Lateral Blade = 80x60mm

Center Blade = 70x55mm

**21-195**

Lateral Blade = 85x70mm

Center Blade = 90x80mm



**KIRSCHNER OVAL**

**21-200**

Set

240x300mm

**21-201**

1 Frame

50x65mm

**21-202**

3 Blades

80x90mm

**21-203**

1 Blades

50x98mm

**21-204**

1 Blades

35x105mm

**21-205**

1 Blades



**KIRSCHNER**

**21-207**

Set

240x240mm

**21-208**

1 Frame, Rigid

40x55mm

**21-209**

2 Blades

50x65mm

**21-210**

2 Blades

AZ Wisdom Wise Industries



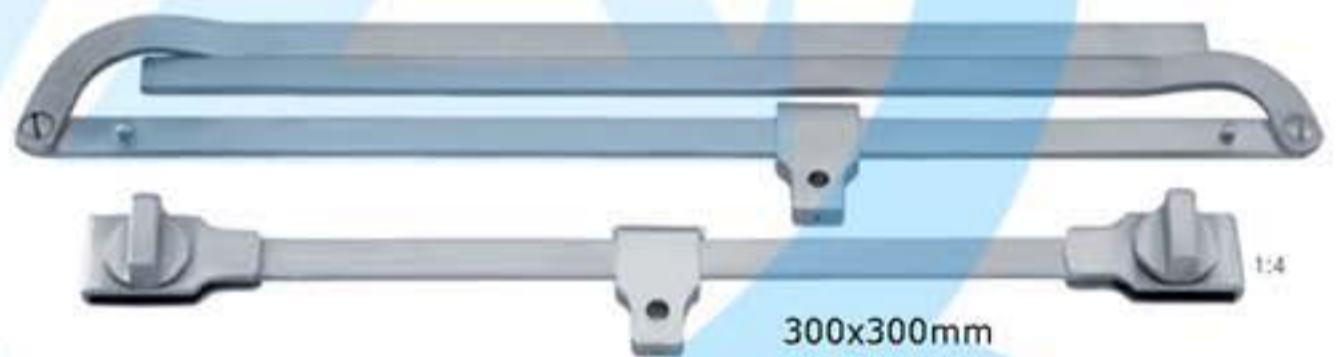
300x300mm  
21-213  
1 Frame, Foldable

40x60mm  
21-214  
2 Blades

45x80mm  
21-215  
2 Blades

50x65mm  
21-216  
2 Blades

60x85mm  
21-217  
2 Blades



300x300mm  
21-213  
1 Frame, Foldable

Blades For **KIRSCHNER** - And - **FRANZ** - Frames



35x105mm  
21-218

50x98mm  
21-218A



40x60mm  
21-219

45x80mm  
21-220

40x55mm  
21-221

50x65mm  
21-222

60x85mm  
21-223

80x90mm  
21-224



**RIBBON** 33cm  
Malleable  
21-226 = 30mm  
21-227 = 40mm  
21-228 = 50mm

**MARTIN RIBBON** 20cm  
Soft  
21-230 = 12mm  
21-231 = 17mm

**MARTIN RIBBON** 25cm  
Soft  
21-233 = 25mm

**MARTIN RIBBON** 20cm  
Malleable, VerySoft  
21-234 = 6.5mm  
21-235 = 9.5mm  
21-236 = 13mm  
21-237 = 16mm  
21-238 = 19mm  
21-239 = 25mm

**HABERER** 20cm  
Malleable  
21-241 = 17/25mm  
21-242 = 25/30mm  
21-243 = 37/45mm

**REVERDIN** 28cm  
21-244  
46x60mm





**O'SULLIVAN - O'CONNOR**  
21-246  
Complete Set



Fig. 1  
21-247  
90x17mm



Fig. 2  
21-248  
90x37mm

Fig. 3  
21-249  
90x45mm



**FRIEDMANN**  
21-251  
10cm

Laminectomy Retractors



**CLOWARD** 16cm  
21-253  
Complete With 2 Blades  
Fig. 1 To Fig. 5  
21-254  
Retractor Without  
Blades



Blade Only For **CLOWARD** Retractor  
Blunt  
21-256 = x=60mm = Fig. 1  
21-257 = x=55mm = Fig. 2  
21-258 = x=50mm = Fig. 3  
21-259 = x=45mm = Fig. 4  
21-260 = x=40mm = Fig. 5



**CLOWARD** 25cm  
21-262  
Complete With 2 Blades  
Fig. 1 To Fig. 5  
21-263  
Retractor Without  
Blades



Blade Only For **CLOWARD** Retractor  
Toothed  
21-265 = x=60mm = Fig. 1  
21-266 = x=55mm = Fig. 2  
21-267 = x=50mm = Fig. 3  
21-268 = x=45mm = Fig. 4  
21-269 = x=40mm = Fig. 5



**SCOVILLE 18cm**  
21-271  
x = 15mm



**SCOVILLE Blunt**  
21-273 = 50mm  
21-274 = 70mm



**SCOVILLE Sharp**  
21-276 = 50mm  
21-277 = 70mm



**SCOVILLE**  
1:2  
21-279 = 40x37mm  
21-280 = 65x44mm



**TAYLOR**  
21-282 = 48x50mm  
21-283 = 63x50mm  
21-284 = 64x64mm



**SCOVILLE - HAVERFIELD 18cm**  
21-302  
x = 150mm



**TAYLOR**  
21-286 = 100x42mm



**HIBBS**  
21-288 = 50x20mm  
21-289 = 50x25mm  
21-290 = 50x50mm  
21-291 = 63x25mm  
21-292 = 63x37mm  
21-293 = 76x25mm  
21-294 = 76x38mm  
21-295 = 76x50mm  
21-296 = 76x63mm  
21-297 = 90x25mm  
21-298 = 90x37mm  
21-299 = 102x25mm  
21-300 = 102x50mm



**MEYERDING**  
21-304 = 57x25mm  
21-305 = 76x25mm  
21-306 = 88x51mm



**SCOVILLE**  
21-308 = 57x25mm  
21-309 = 57x38mm  
21-310 = 64x50mm  
21-311 = 75x25mm



**EPSTEIN**  
21-313  
56x25mm

AZ Wisdom Wise Industries



**LAMINECTOMY** retractors 2 Prongs  
 21-329 = a = 35mm = b = 22mm  
 21-330 = a = 40mm = b = 22mm  
 21-331 = a = 45mm = b = 22mm  
 21-332 = a = 50mm = b = 22mm  
 21-323 = a = 55mm = b = 22mm  
 21-334 = a = 60mm = b = 22mm  
 21-335 = a = 65mm = b = 22mm  
 21-336 = a = 70mm = b = 22mm

**LAMINECTOMY** retractors 3 Prongs  
 21-338 = a = 35mm = b = 37mm  
 21-339 = a = 40mm = b = 37mm  
 21-340 = a = 45mm = b = 37mm  
 21-341 = a = 50mm = b = 37mm  
 21-342 = a = 55mm = b = 37mm  
 21-343 = a = 60mm = b = 37mm  
 21-344 = a = 65mm = b = 37mm  
 21-345 = a = 70mm = b = 37mm

**LAMINECTOMY** retractors 4 Prongs  
 21-347 = a = 35mm = b = 52mm  
 21-348 = a = 40mm = b = 52mm  
 21-349 = a = 45mm = b = 52mm  
 21-350 = a = 50mm = b = 52mm  
 21-351 = a = 55mm = b = 52mm  
 21-352 = a = 60mm = b = 52mm  
 21-353 = a = 65mm = b = 52mm  
 21-354 = a = 70mm = b = 52mm



**CASPAR**  
**21-360**

Complete With 5 Medial Blades Fig. 1 To Fig. 5  
And With 5 Lateral Blades Fig. 6 To Fig. 10

**21-361**

Retractor Without Blades



**CASPAR**  
**21-363**

Complete With 5 Blades Fig. 11 To Fig. 15

**21-364**

Retractor Without Blades



**CASPAR** Blades **Medial**

- 21-366** = a = 40mm = b = 23mm
- 21-367** = a = 45mm = b = 23mm
- 21-368** = a = 50mm = b = 23mm
- 21-369** = a = 55mm = b = 23mm
- 21-370** = a = 60mm = b = 23mm



**CASPAR** Blades **Lateral**

- 21-372** = a = 40mm = b = 23mm
- 21-373** = a = 45mm = b = 23mm
- 21-374** = a = 50mm = b = 23mm
- 21-375** = a = 55mm = b = 23mm
- 21-376** = a = 60mm = b = 23mm



**CASPAR** Blades **Blunt**

- 21-378** = a = 40mm = b = 23mm
- 21-379** = a = 45mm = b = 23mm
- 21-380** = a = 50mm = b = 23mm
- 21-381** = a = 55mm = b = 23mm
- 21-382** = a = 60mm = b = 23mm



**CASPAR**  
**21-384**

Complete With 6 Blades **21-329** To **21-334**

**21-385**

Retractor Without Blades



**CASPAR**  
**21-387**

Complete With 5 Blades **21-366** To **21-370**

**21-388**

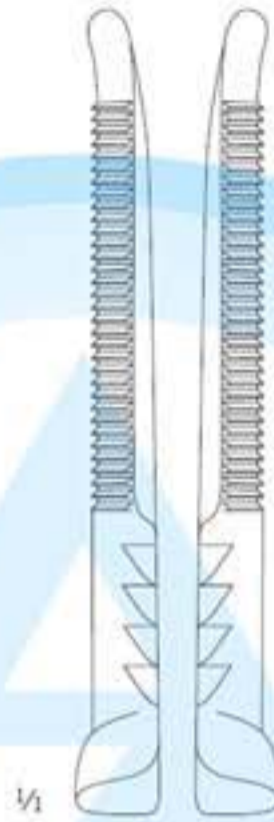
Retractor Without Blades, With Key



1/2

1/4

**PAPAVERO - CASPAR**  
 21-390  
 Included Handle

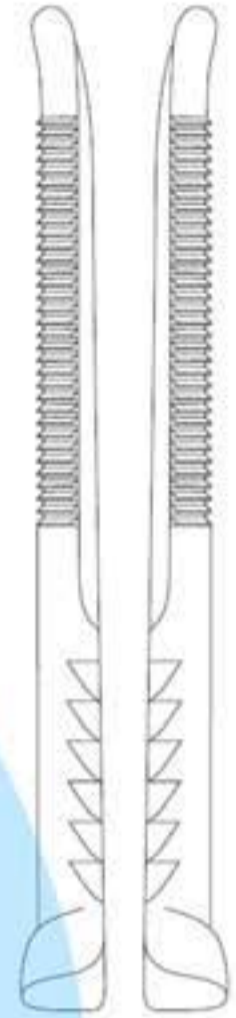


1/1

80x13mm  
 21-391  
 100mm



90x13mm  
 21-392  
 100mm

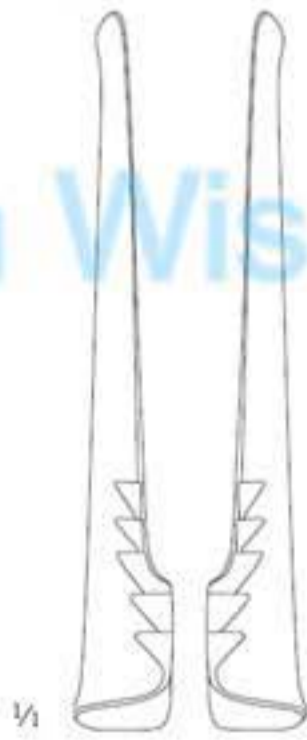


100x13mm  
 21-393  
 100mm



1/2

**CUSHING - LANDOLT**  
 21-395



1/1

70x15mm  
 21-396  
 100mm



90x15mm  
 21-397  
 100mm



110x15mm  
 21-398  
 100mm



**CASPAR** in Black Finish

- 21-400 = a = 40mm
- 21-401 = a = 45mm
- 21-402 = a = 50mm
- 21-403 = a = 55mm
- 21-404 = a = 60mm
- 21-405 = a = 65mm
- 21-406 = a = 75mm
- 21-407 = a = 85mm



**CASPAR**  
21-409



**CASPAR** Blades in Black Finish

- 21-411 = a = 35mm
- 21-412 = a = 40mm
- 21-413 = a = 45mm
- 21-414 = a = 50mm
- 21-415 = a = 55mm
- 21-416 = a = 60mm
- 21-417 = a = 65mm
- 21-418 = a = 75mm
- 21-419 = a = 85mm



**CASPAR** Blades in Black Finish

- 21-421 = a = 40mm
- 21-422 = a = 45mm
- 21-423 = a = 50mm
- 21-424 = a = 55mm
- 21-425 = a = 60mm
- 21-426 = a = 65mm
- 21-427 = a = 70mm



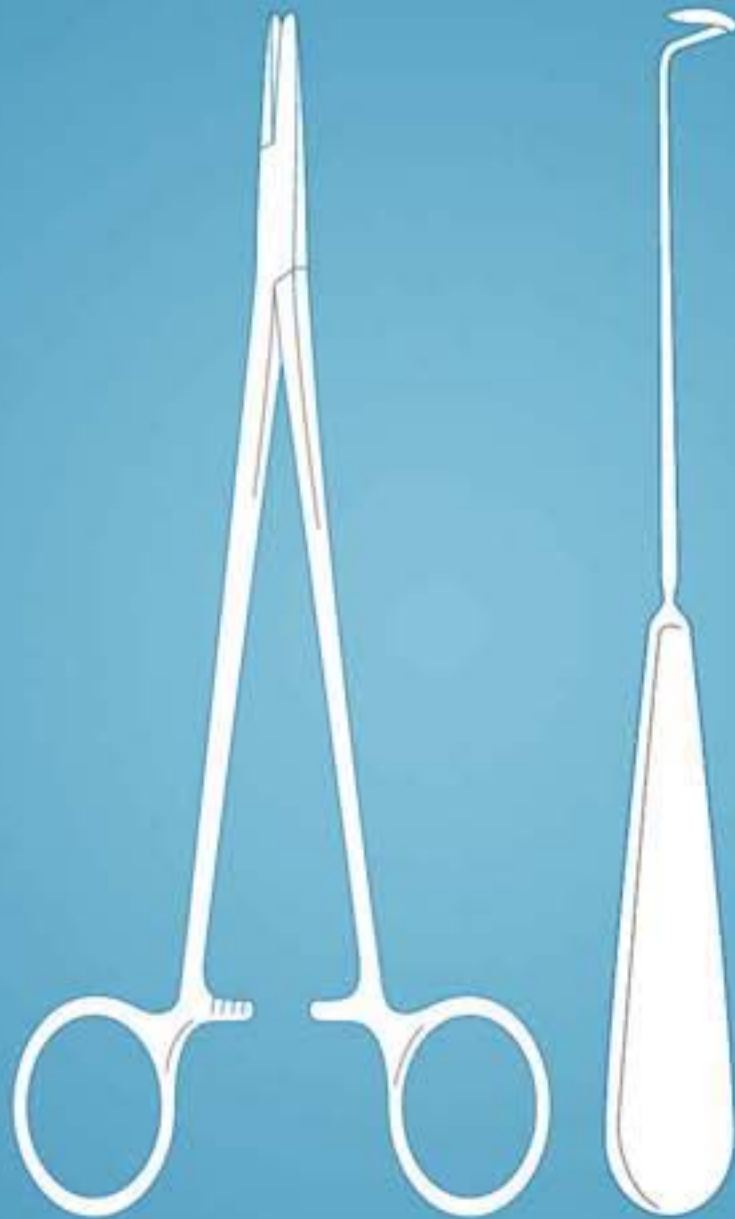
**SPECULUM FOR TRANS - SPENOIAL HYPOPHYSECTOMY**

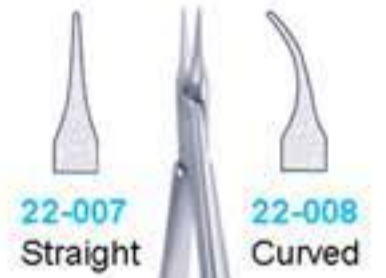
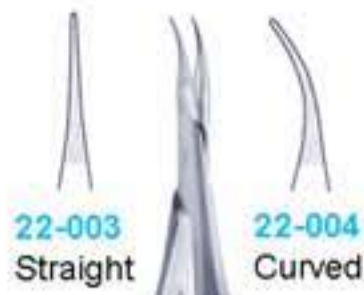
In Black Finish

- 21-431 = x = 70mm
- 21-432 = x = 90mm
- 21-433 = x = 110mm

Naht  
Suture  
Sutura  
Suture  
Sutura

**22-23**  
**24-25**  
**182 - 207**



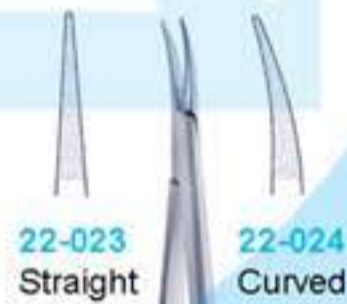
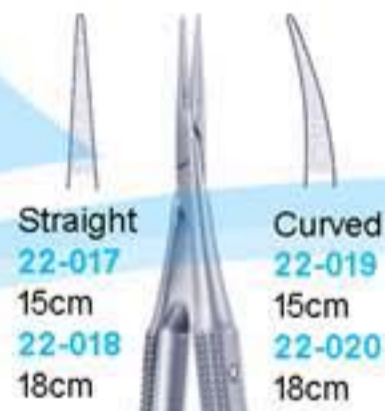
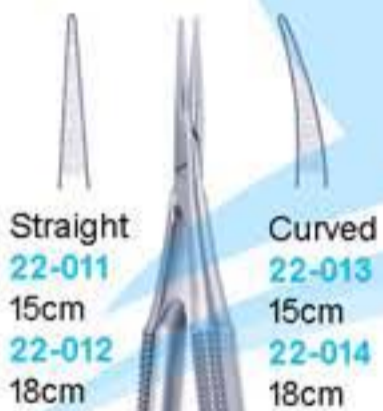


Micro  
Needle Holder  
0.3mm Point  
Without Lock  
15cm

Micro  
Needle Holder  
0.3mm Point  
With Lock  
15cm

Micro  
Needle Holder  
0.3mm Point  
Without Lock  
15cm

Micro  
Needle Holder  
0.3mm Point  
With Lock  
15cm



Micro  
Needle Holder  
0.4mm Point  
Without Lock

Micro  
Needle Holder  
0.4mm Point  
With Lock

Micro  
Needle Holder  
0.4mm Point  
Without Lock  
18cm

Micro  
Needle Holder  
0.4mm Point  
With Lock  
18cm





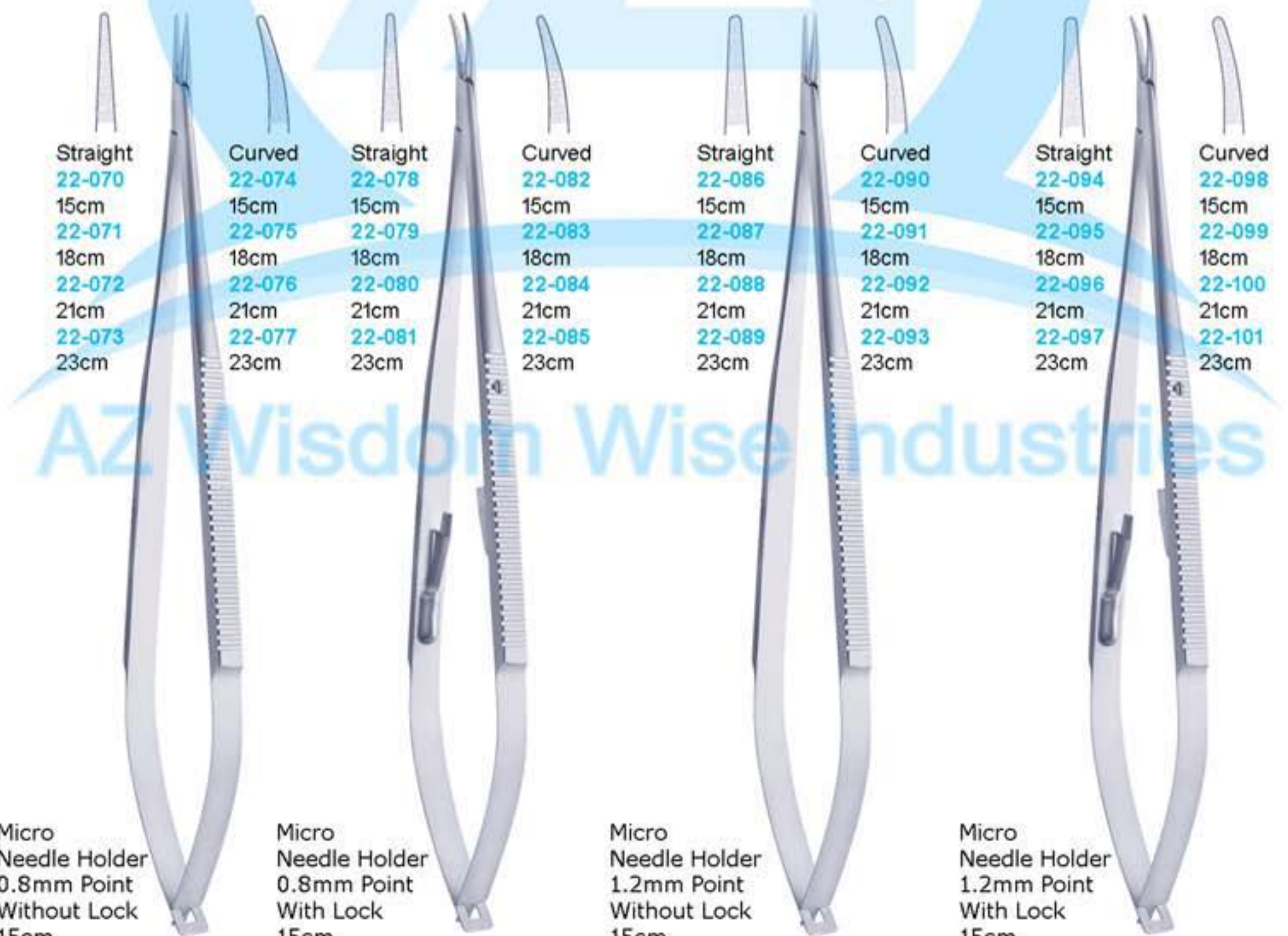
- |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| Straight<br><b>22-030</b><br>15cm<br><b>22-031</b><br>18cm<br><b>22-032</b><br>21cm<br><b>22-033</b><br>23cm<br><b>22-034</b><br>25cm | Curved<br><b>22-035</b><br>15cm<br><b>22-036</b><br>18cm<br><b>22-037</b><br>21cm<br><b>22-038</b><br>23cm<br><b>22-039</b><br>25cm | Straight<br><b>22-040</b><br>15cm<br><b>22-041</b><br>18cm<br><b>22-042</b><br>21cm<br><b>22-043</b><br>23cm<br><b>22-044</b><br>25cm | Curved<br><b>22-045</b><br>15cm<br><b>22-046</b><br>18cm<br><b>22-047</b><br>21cm<br><b>22-048</b><br>23cm<br><b>22-049</b><br>25cm | Straight<br><b>22-050</b><br>15cm<br><b>22-051</b><br>18cm<br><b>22-052</b><br>21cm<br><b>22-053</b><br>23cm<br><b>22-054</b><br>25cm | Curved<br><b>22-055</b><br>15cm<br><b>22-056</b><br>18cm<br><b>22-057</b><br>21cm<br><b>22-058</b><br>23cm<br><b>22-059</b><br>25cm | Straight<br><b>22-060</b><br>15cm<br><b>22-061</b><br>18cm<br><b>22-062</b><br>21cm<br><b>22-063</b><br>23cm<br><b>22-064</b><br>25cm | Curved<br><b>22-065</b><br>15cm<br><b>22-066</b><br>18cm<br><b>22-067</b><br>21cm<br><b>22-068</b><br>23cm<br><b>22-069</b><br>25cm |
|---|---|---|---|---|---|---|---|

Micro  
Needle Holder  
0.8mm Point  
Without Lock

Micro  
Needle Holder  
0.8mm Point  
With Lock

Micro  
Needle Holder  
1.2mm Point  
Without Lock  
15cm

Micro  
Needle Holder  
1.2mm Point  
With Lock  
15cm



- |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| Straight<br><b>22-070</b><br>15cm<br><b>22-071</b><br>18cm<br><b>22-072</b><br>21cm<br><b>22-073</b><br>23cm | Curved<br><b>22-074</b><br>15cm<br><b>22-075</b><br>18cm<br><b>22-076</b><br>21cm<br><b>22-077</b><br>23cm | Straight<br><b>22-078</b><br>15cm<br><b>22-079</b><br>18cm<br><b>22-080</b><br>21cm<br><b>22-081</b><br>23cm | Curved<br><b>22-082</b><br>15cm<br><b>22-083</b><br>18cm<br><b>22-084</b><br>21cm<br><b>22-085</b><br>23cm | Straight<br><b>22-086</b><br>15cm<br><b>22-087</b><br>18cm<br><b>22-088</b><br>21cm<br><b>22-089</b><br>23cm | Curved<br><b>22-090</b><br>15cm<br><b>22-091</b><br>18cm<br><b>22-092</b><br>21cm<br><b>22-093</b><br>23cm | Straight<br><b>22-094</b><br>15cm<br><b>22-095</b><br>18cm<br><b>22-096</b><br>21cm<br><b>22-097</b><br>23cm | Curved<br><b>22-098</b><br>15cm<br><b>22-099</b><br>18cm<br><b>22-100</b><br>21cm<br><b>22-101</b><br>23cm |
|--|--|--|--|--|--|--|--|

Micro  
Needle Holder  
0.8mm Point  
Without Lock  
15cm

Micro  
Needle Holder  
0.8mm Point  
With Lock  
15cm

Micro  
Needle Holder  
1.2mm Point  
Without Lock  
15cm

Micro  
Needle Holder  
1.2mm Point  
With Lock  
15cm



**KALT**  
Needle Holder  
22-102  
Straight  
13.5cm



22-104  
Straight



**BARRAQUER**  
Needle Holder  
10.5cm

22-105  
Curved

22-107  
Straight



**ARRUGA**  
Needle Holder  
13.5cm

22-108  
Curved



22-110  
Straight



**BARRAQUER - TRAUTMANN**  
Micro Needle Holder  
With Lick  
10.5cm

22-111  
Curved



22-113  
Straight



**BARRAQUER - TRAUTMANN**  
Micro Needle Holder  
With Lick  
11.5cm

22-114  
Curved



22-116  
11.5cm



**BARRAQUER**  
Micro Needle Holder  
Without Lock  
Curved

22-117  
13.5cm



22-119  
11.5cm



**BARRAQUER**  
Micro Needle Holder  
With Lock  
Curved

22-120  
13.5cm



**BARRAQUER**  
Micro Needle Holder  
Without Lock  
Curved  
22-122  
13.5cm  
Very Delicate Jaw



AZ Wisdom Wise Industries



**CASTROVIEJO - FINO**  
Micro Needle Holder  
Without Lock  
Straight  
**22-124**  
13cm  
Very Delicate Jaw



**CASTROVIEJO - FINO**  
Micro Needle Holder  
Without Lock  
Curved  
**22-126**  
13cm  
Very Delicate Jaw



**CASTROVIEJO - FINO**  
Micro Needle Holder  
With Lock  
Straight  
**22-128**  
13cm  
Very Delicate Jaw



**CASTROVIEJO - FINO**  
Micro Needle Holder  
With Lock  
Curved  
**22-130**  
13cm  
Very Delicate Jaw

AZ Wisdom Wise Industries



**CASTROVIEJO - FINO**  
Micro Needle Holder  
Without Lock  
Curved  
**22-132**  
9cm



**CASTROVIEJO**  
Needle Holder  
With Lock  
Straight  
**22-134**  
9cm



**CASTROVIEJO**  
Needle Holder  
With Lock  
Curved  
**22-136**  
9cm



**22-138**  
Straight



**22-139**  
Curved



**22-141**  
Straight



**22-142**  
Curved



**CASTROVIEJO**  
Micro Needle Holder  
With Lock  
14.5cm



**22-144**  
Straight



**22-145**  
Curved



**CASTROVIEJO**  
Micro Needle Holder  
With Lock  
14.5cm



**CASTROVIEJO**  
Micro Needle Holder  
Without Lock  
**22-147**  
14.5cm  
Curved



**22-149**  
Straight



**22-150**  
Curved



**ARRUGA**  
Needle Holder  
16cm  
Curved



**CASTROVIEJO**  
Micro Needle Holder  
With Lock  
**22-152**  
12cm  
Straight



**CASTROVIEJO**  
Micro Needle Holder  
With Lock  
**22-154**  
12cm  
Curved



**CRILE - MURRAY**  
23-001  
15cm



**CRILE - WOOD**  
23-003 = 15cm  
23-004 = 18cm  
23-005 = 20cm  
23-006 = 23cm



**HEGAR - BAUMGARTNER**  
23-008  
14cm



**COLLIER**  
23-010  
12.5cm



**BROWN**  
23-011 = 13cm  
23-012 = 18cm  
Heavy Pattern,  
Diagonally Serrated Jaw



**DERF**  
23-014  
12.5cm



**DERF**  
23-016  
12.5cm



**WEBSTER**  
23-018  
13cm

Smooth  
Jaw



**HALSEY**  
23-020  
13cm



**HALSEY**  
23-022  
13cm

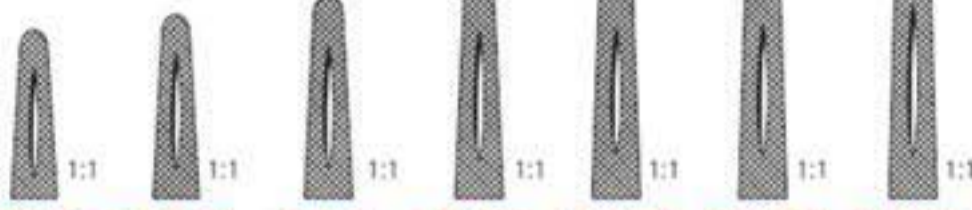


**NEIVERT**  
23-024  
13cm



**RYDER**  
23-026 = 13cm  
23-027 = 15cm  
23-028 = 18cm  
23-029 = 20cm  
23-030 = 23cm

## Straight



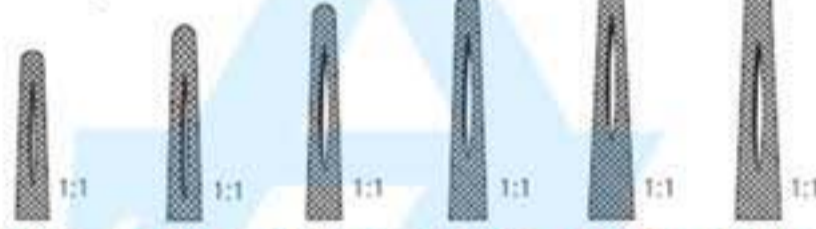
23-032 14cm   23-033 16cm   23-034 18cm   23-035 20cm   23-036 24cm   23-037 26cm   23-038 30cm

## Curved



23-039 14cm   23-040 16cm   23-041 18cm   23-042 20cm   23-043 24cm   23-044 26cm   23-045 30cm

## Straight Delicate Pattern



23-046 14cm   23-047 16cm   23-048 18cm   23-049 20cm   23-050 24cm   23-051 26cm



**MAYO HEGAR**



**MAYO HEGAR**  
23-053  
20.5cm Heavy Pattern



**HEANEY**  
23-055 = 16cm  
23-056 = 18cm  
23-057 = 20cm



**SAROT**  
23-059 = 18cm  
23-060 = 26cm



**JAMESON**  
23-062  
23.5cm



**STRATTE**  
23-064  
23cm



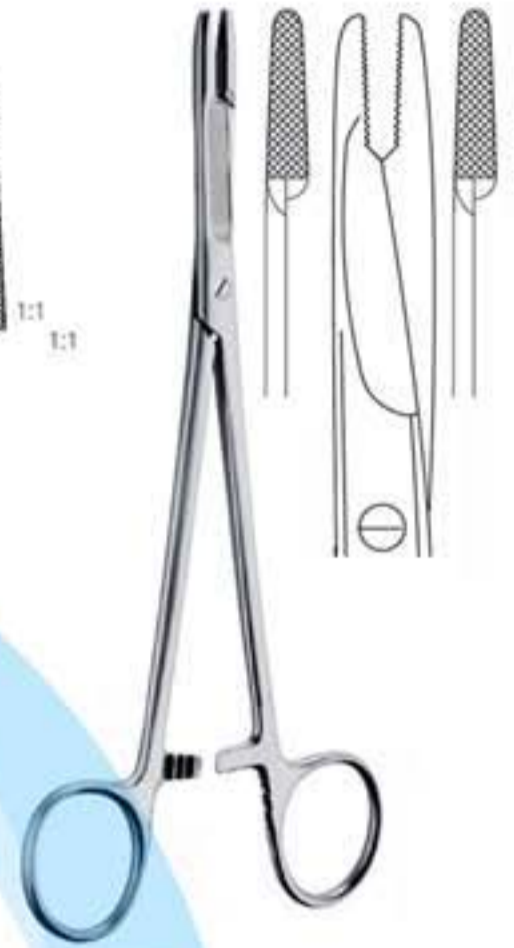
**MASSEN**  
23-068  
27cm



**FINOCHIETTO**  
23-070  
27cm



**WANGENSTEEN**  
23-072  
27cm



**OLSEN - HEGAR**  
Needle Holder Scissors  
23-074 = 14cm  
23-075 = 17cm  
23-076 = 19cm



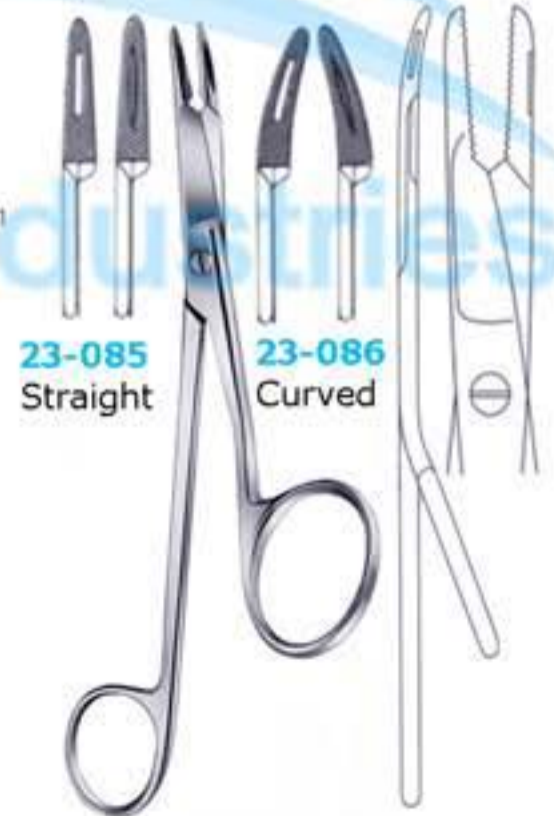
**BOZEMANN (WERTHEIM)**  
23-078 = 20cm  
23-079 = 24cm



**THOMSON - WALKER (BOZEMANN)**  
23-081  
20cm



**GILLIES** Needle Holder Scissors  
23-083  
14.5cm



**GILLIES** Needle Holder Scissors  
16.5cm



**ADSON**  
23-088  
18cm



**METZENBAUM**  
23-090  
18cm



**HODLICK**  
23-092  
18cm



**M.G.H**  
Mass General Hospital  
23-094  
17cm



**JOHNSON**  
23-096  
27cm



**MASSON - LUETHY**  
23-098  
26cm



**WANGENSTEEN**  
23-100  
18cm

AZ Wisdom Wise Industries





Standard Pattern  
23-102 = 14cm  
23-103 = 17cm  
23-104 = 20cm  
23-105 = 24cm

Delicate Pattern  
23-107 = 14cm  
23-108 = 17cm  
23-109 = 20cm  
23-110 = 24cm

Heavy Pattern  
23-112 = 14cm  
23-113 = 17cm  
23-114 = 20cm  
23-115 = 24cm

**MATHIEU**

**MATHIEU - OLSEN**

**MATHIEU**

**TOENNIS**

23-117 = 14cm  
23-118 = 17cm  
23-119 = 20cm

23-121 = 17cm  
23-122 = 20cm

23-123  
18cm

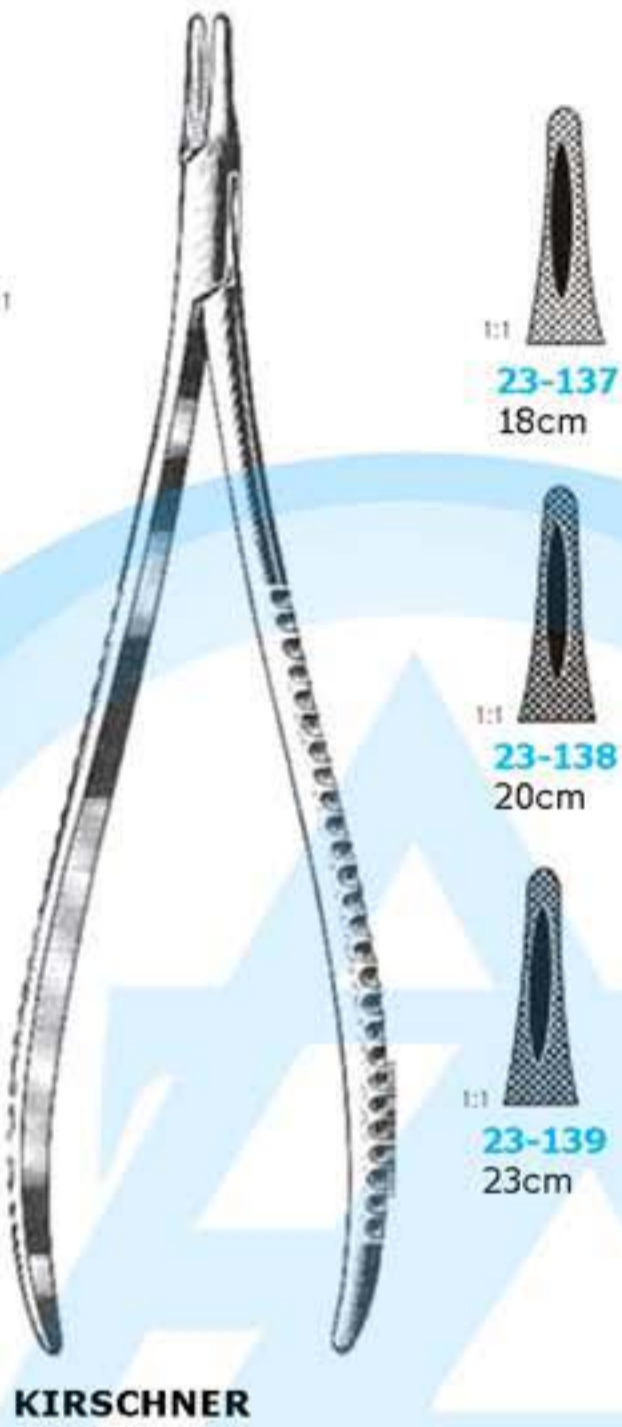


**LICHTENBERG**  
23-125 = 17cm  
23-126 = 20cm

**BOYNTON**  
23-128  
12cm

**CRILE**  
23-130  
15cm

**HOESEL**  
23-132  
25cm





**CASTROVIEJO - JACOBSON**

23-155 = 15cm  
23-156 = 18cm  
23-157 = 21cm  
Smooth Jaw  
Straight  
Without Ratchet



**CASTROVIEJO - JACOBSON**

23-159 = 15cm  
23-160 = 18cm  
23-161 = 21cm  
Smooth Jaw  
Curved  
Without Ratchet



**CASTROVIEJO - JACOBSON**

23-163 = 15cm  
23-164 = 15cm  
23-165 = 18cm  
23-167 = 21cm  
Smooth Jaw  
Straight  
With Ratchet



**CASTROVIEJO - JACOBSON**

23-169 = 15cm  
23-170 = 15cm  
23-171 = 18cm  
23-172 = 21cm  
Smooth Jaw  
Curved  
With Ratchet



**GREGORY**

Smooth Jaw  
Straight  
With Ratchet

23-174 = 18.5cm

23-175 = 22cm

**HEAVY DUTY**

Micro Needle Holder

10mm Jaw

Straight

With Ratchet

23-177 = 19cm

23-178 = 23cm

23-179 = 25cm

AZ Wisdom Wise Industries



**HEGAR - BAUMGARTNER**  
24-001  
14cm  
T.C GOLD



**BABY - CRILE - WOOD**  
24-003  
15cm  
T.C GOLD



**CRILE - WOOD**  
T.C GOLD

24-005  
15cm

24-006  
18cm

24-007  
20cm



24-008  
23cm



24-009  
26cm



**Derf (Wright)**  
24-011  
12cm  
T.C GOLD



**Webster Smooth**  
24-013  
13cm  
T.C GOLD



**Mayo - Hegar**  
T.C GOLD

24-014  
14cm

24-015  
16cm

24-016  
18cm

24-017  
20cm



24-018  
24cm



24-019  
26cm



24-020  
30cm



**HALSEY Smooth Jaw**  
24-022  
13cm  
T.C GOLD



**HALSEY Serrated Jaw**  
24-024  
13cm  
T.C GOLD



**KILNER**  
24-026  
13.5cm  
T.C GOLD



**NEIVERT (MASING)**  
24-028  
13cm  
One Ring Angled  
T.C GOLD



**CONVERSE**  
24-030  
13cm  
T.C GOLD

**HEGAR**  
24-032  
20.5cm  
T.C GOLD

**GILLIES**  
24-034 = 14.5cm  
24-035 = 16cm  
T.C GOLD

**FOSTER - GILLIES**  
12cm  
T.C GOLD

heavy pattern

24-037 Straight Serrated  
24-038 Straight Smooth  
24-039 Curved Serrated  
24-040 Curved Smooth



**MATHIEU - OLSEN**  
24-042 = 14cm  
24-043 = 17cm  
24-044 = 20cm  
T.C GOLD

**OLSEN - HEGAR**  
T.C GOLD

**HEANEY**  
24-050 = 16cm  
24-051 = 18cm  
24-052 = 20cm  
T.C GOLD

24-046 14cm  
24-047 17cm  
24-048 20cm



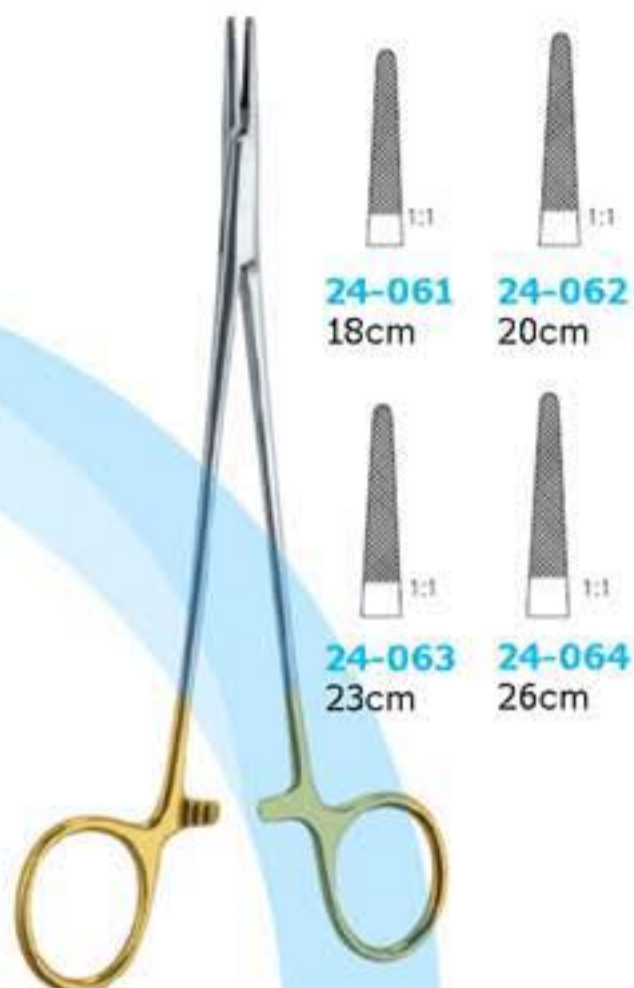
**STRATTE**  
24-054  
23cm  
T.C GOLD



**BOZEMANN (WERTHEIM)**  
T.C GOLD

24-056 20cm  
24-057 24cm

24-058 26cm  
24-059 30cm



**DEBAKEY**  
T.C GOLD

24-061 18cm  
24-062 20cm

24-063 23cm  
24-064 26cm



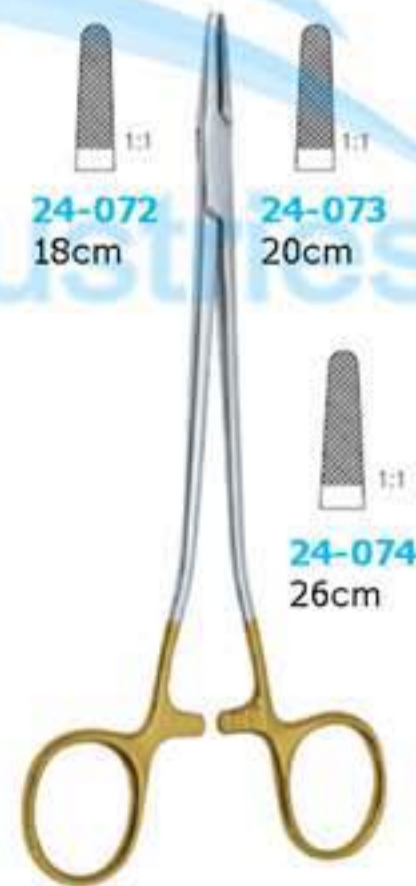
**MASSON**  
24-066  
27cm  
T.C GOLD



**FINOCHIETTO**  
24-068  
27cm  
T.C GOLD



**WANGENSTEEN**  
24-070  
27cm  
T.C GOLD

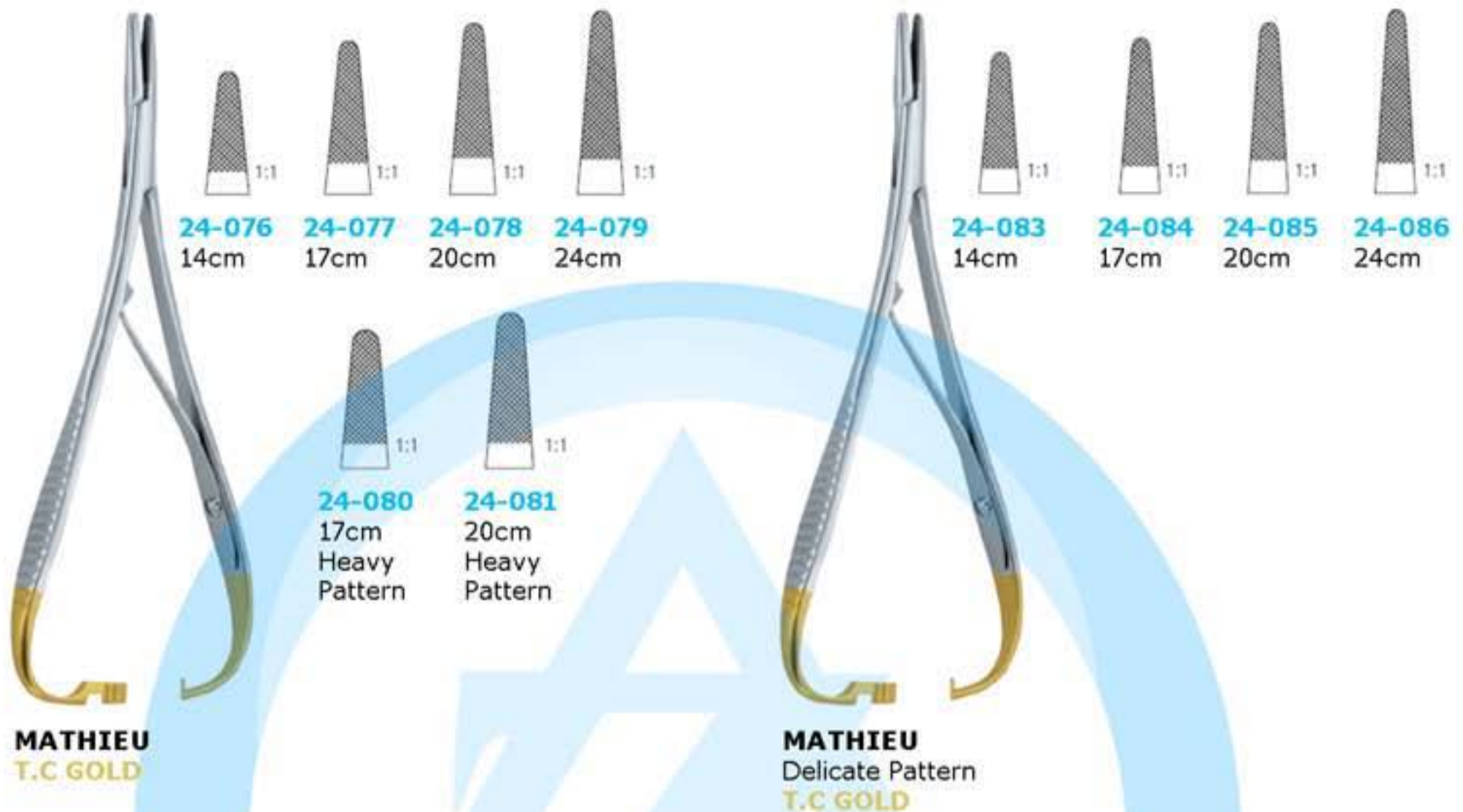


**SAROT**  
T.C GOLD

24-072 18cm  
24-073 20cm

24-074 26cm

AZ Wisdom Wise Industries







**MATHIEU - OLSEN** 17cm  
Needle Holder Scissors  
24-100 = Without T.C Tips  
24-101 = With T.C Tips  
T.C GOLD



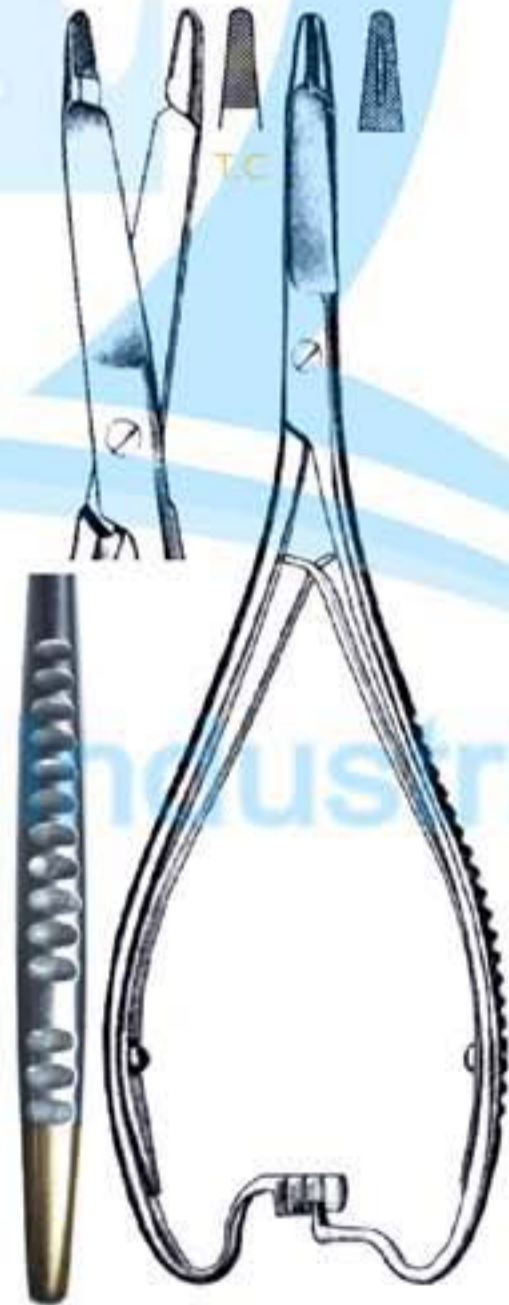
**MATHIEU - OLSEN** 16cm  
Needle Holder Scissors  
24-103 = Without T.C Tips  
24-104 = With T.C Tips  
T.C GOLD



**MATHIEU - OLSEN** 14cm  
Needle Holder Scissors  
24-106 = Without T.C Tips  
24-107 = With T.C Tips  
T.C GOLD



**MATHIEU - OLSEN** 14cm  
Needle Holder Scissors  
Double Bend Handle  
24-109 = Without T.C Tips  
24-110 = With T.C Tips  
T.C GOLD



**MATHIEU - OLSEN** 17cm  
Needle Holder Scissors  
Double Bend Handle  
24-112 = Without T.C Tips  
24-113 = With T.C Tips  
T.C GOLD



**LANGENBECK**  
24-115 = 18cm  
24-116 = 20cm  
24-117 = 23cm  
T.C GOLD



**TOENNIS**  
24-119  
18cm  
T.C GOLD



**WIRE TWISTER** Forceps  
T.C GOLD



**VASCULAR**  
T.C GOLD

24-121 15cm  
24-122 18cm  
24-123 20cm

24-125 15cm  
24-126 18cm  
24-127 20cm

24-129 14cm  
24-130 18cm

24-131 20cm  
24-132 23cm



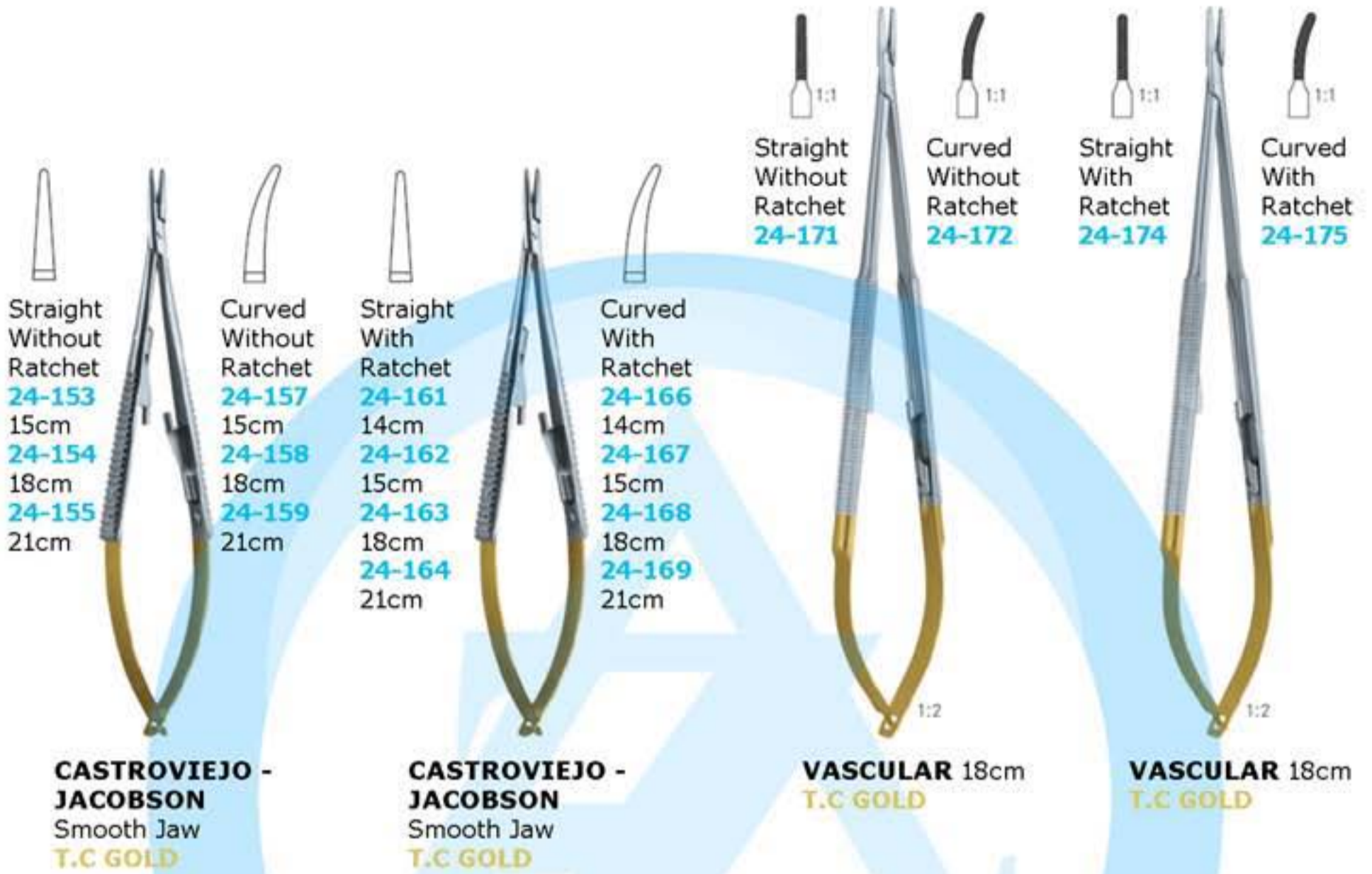
**RYDER**  
24-134 = 13cm  
24-135 = 15cm  
24-136 = 18cm  
24-137 = 20cm  
24-138 = 23cm  
24-139 = 26cm  
T.C GOLD



**MINI - RYDER**  
24-141 = 13cm  
24-142 = 15cm  
24-143 = 18cm  
24-144 = 20cm  
24-145 = 23cm  
24-146 = 26cm  
T.C GOLD



**DIETRICH**  
24-147 = 16cm  
24-148 = 18cm  
24-149 = 20cm  
24-150 = 23cm  
24-151 = 25cm  
T.C GOLD





**REVERDIN**

Fig. 1	Fig. 2	Fig. 3	Fig. 4
25-001	25-004	25-007	25-010
15cm	15cm	15cm	15cm
25-002	25-005	25-008	25-011
19.5cm	19.5cm	19.5cm	19.5cm
25-003	25-006	25-009	25-012
22.5cm	22.5cm	22.5cm	22.5cm



**YOUNG**  
Complete With  
One Needle  
25-014  
25cm

Spare Needle  
25-016

Spare Needle  
25-017

Spare Needle  
25-018



**SUTURE**  
Instrument  
Flexible  
25-020  
20cm



**COOPER**  
25-022  
19cm



**KRONECKER**  
25-024  
13cm  
For Right  
Hand

**KRONECKER**  
25-025  
13cm  
For Left  
Hand



**DESCHAMPS**  
Sharp  
25-027 = 20cm  
25-028 = 21cm  
25-029 = 27cm  
For Right  
Hand



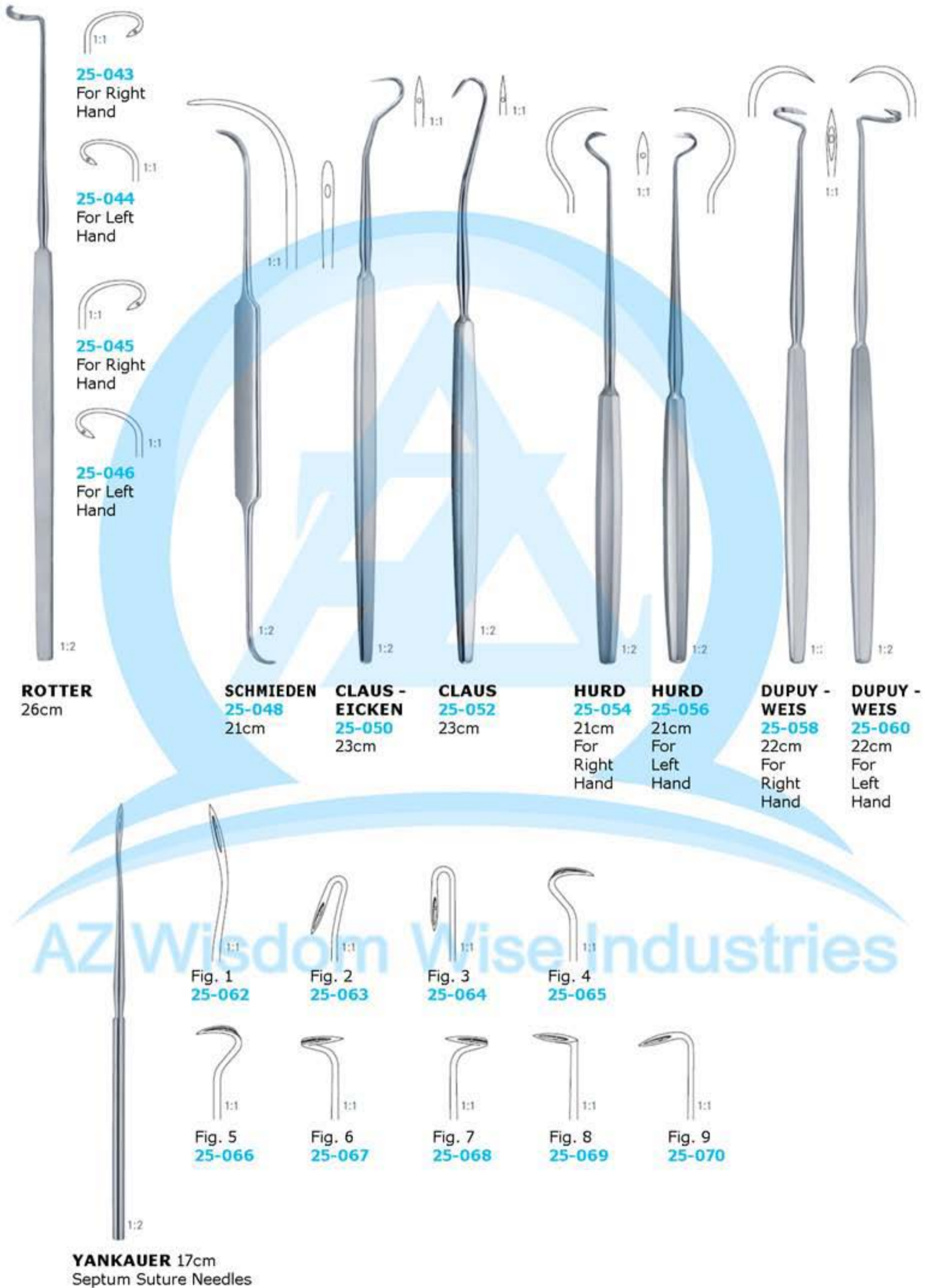
**DESCHAMPS**  
Sharp  
25-031 = 20cm  
25-032 = 21cm  
25-033 = 27cm  
For Left  
Hand

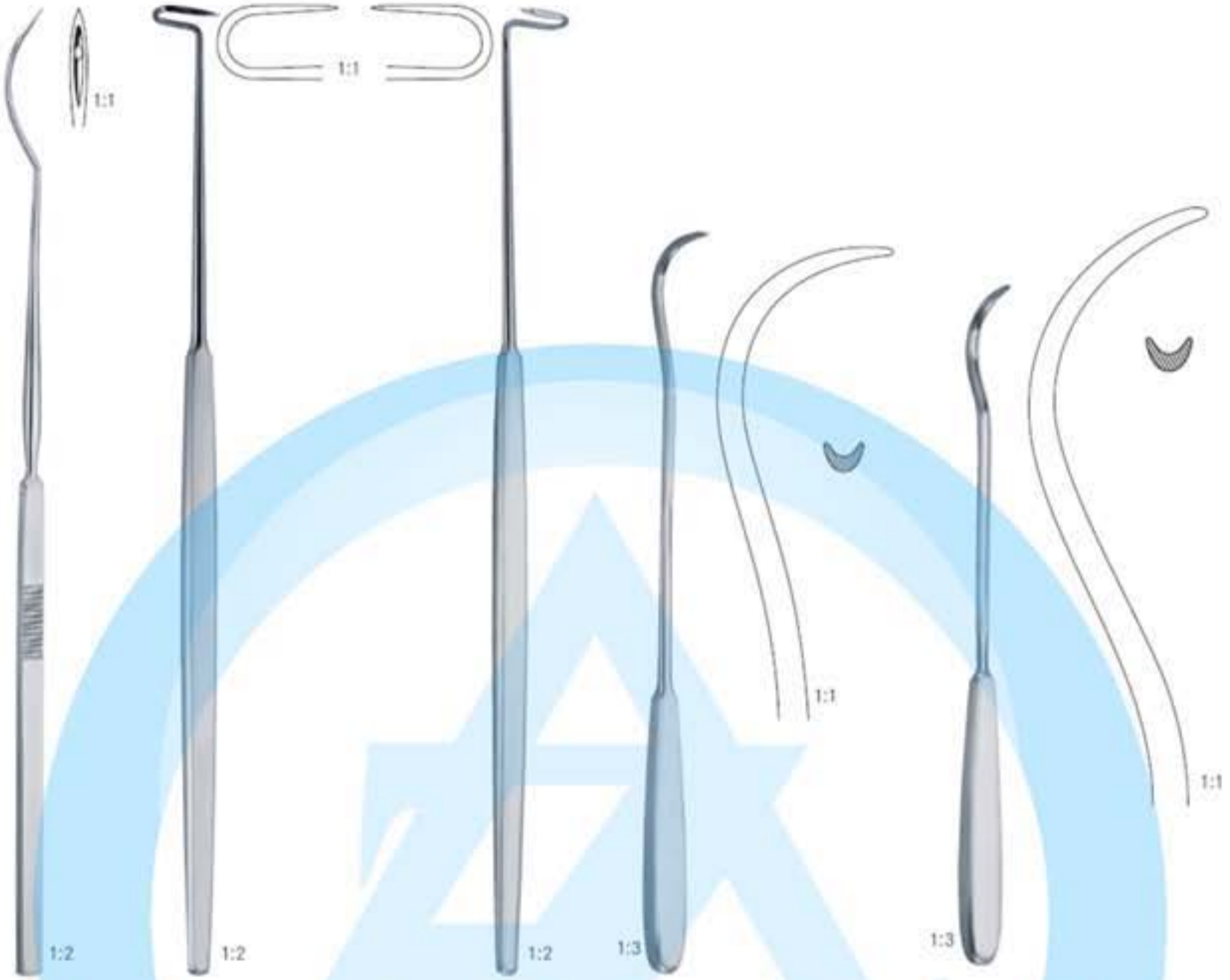


**DESCHAMPS**  
Blunt  
25-035 = 20cm  
25-036 = 21cm  
25-037 = 27cm  
For Right  
Hand



**DESCHAMPS**  
Blunt  
25-039 = 20cm  
25-040 = 21cm  
25-041 = 27cm  
For Left  
Hand





**NAGER**  
25-072  
24cm

**FALK**  
25-074  
24cm  
For  
Right  
Hand

**FALK**  
25-076  
24cm  
For  
Left  
Hand

**SUTURE  
INSTRUMENT**  
4mm  
25-078  
28cm

**KIRSCHNER**  
5mm  
25-080  
25.5cm



Fig. 1  
25-082

Fig. 2  
25-083

Fig. 1  
25-085  
8mm

Fig. 2  
25-086  
8mm

**BRUNNER** 30cm

**BRUNNER** 30cm



**KOENIG  
KÖNIG**



2.5mm  
**25-088**  
19cm



5mm  
**25-089**  
19cm



7mm  
**25-090**  
20cm



**SCHMIEDEN**  
8mm  
**25-092**  
19cm



**SCHMIEDEN - PAYR**  
8mm  
**25-094**  
19cm



**PAYR  
Curved**  
5mm  
**25-096**  
22cm



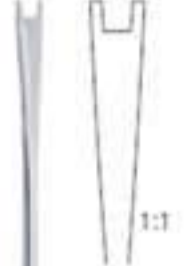
**PAYR  
Straight**  
5mm  
**25-098**  
22cm



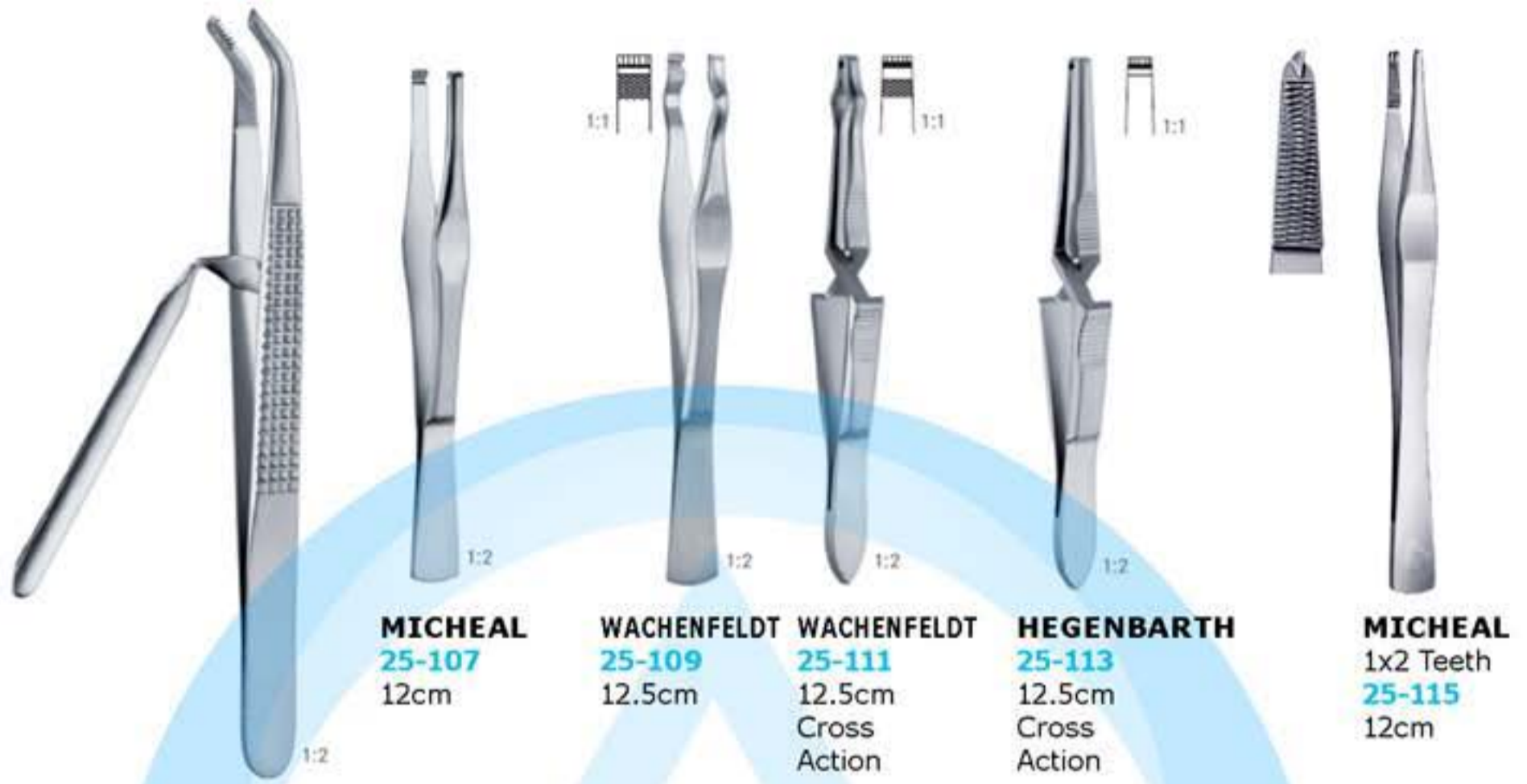
**MOD. WEIN  
LIGATURE  
CATCHER**  
**25-100**  
23.5cm



**BOZEMANN  
KNOT TIER**  
**25-102**  
21cm



**LIGATURE  
ADJUSTER**  
**25-103**  
23cm



**CHILDE**  
Heavy Pattern  
With Clip Holder  
**25-105**  
18cm

**MICHEAL**  
**25-107**  
12cm

**WACHENFELDT**  
**25-109**  
12.5cm

**WACHENFELDT**  
**25-111**  
12.5cm  
Cross  
Action

**HEGENBARTH**  
**25-113**  
12.5cm  
Cross  
Action

**MICHEAL**  
1x2 Teeth  
**25-115**  
12cm



**COLLIN**  
**25-117**  
13cm

**RICHTER - HEATH**  
**25-119**  
14cm

**MICHEL**  
**25-121**  
12cm

**MICHEL**  
**25-123**  
12.5cm

**MICHEL**  
**25-125**  
13cm



**MICHEL**  
Unit For Sale = 1000 - Pieces  
(10 Packages With 100 Pieces)



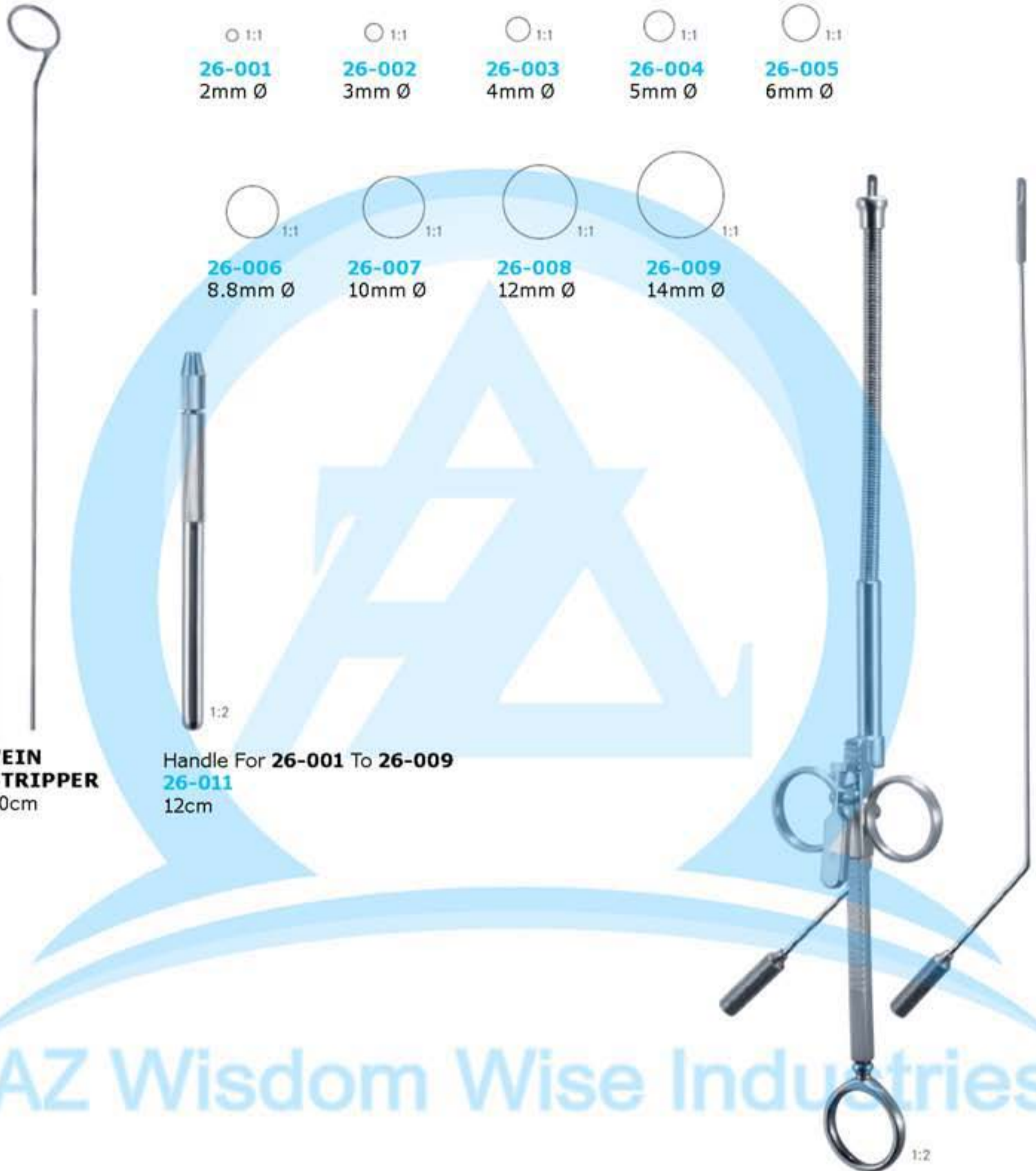


Gefäßchirurgie  
Vascular surgery  
Chirurgie vasculaire  
Cirugía vascular  
Chirurgia vascolare

# 26

208 - 254





○ 1:1  
**26-001**  
2mm Ø

○ 1:1  
**26-002**  
3mm Ø

○ 1:1  
**26-003**  
4mm Ø

○ 1:1  
**26-004**  
5mm Ø

○ 1:1  
**26-005**  
6mm Ø

○ 1:1  
**26-006**  
8.8mm Ø

○ 1:1  
**26-007**  
10mm Ø

○ 1:1  
**26-008**  
12mm Ø

○ 1:1  
**26-009**  
14mm Ø

**VEIN STRIPPER**  
50cm

Handle For **26-001** To **26-009**  
**26-011**  
12cm

**RUMEL - BELMONT** 32.5cm  
**26-013**  
3.2mm Ø For Children  
**26-015**  
6.4mm Ø For Adults



1:3

**BIEMER**

**26-017**

Applying Forceps With Lock

**26-019**

Applying Forceps Without Lock



x = Jaw Length , y = Max. Jaw Opening , gms = Closing Pressure



**26-021**

x = 6mm

y = 4mm

gms = 30 - 40



**26-022**

x = 9mm

y = 5mm

gms = 30 - 40

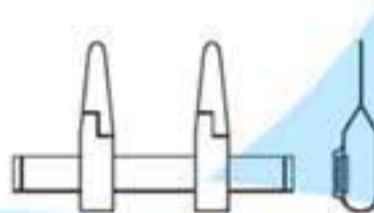


**26-023**

x = 9mm

y = 5mm

gms = 20 - 25



**26-024**

x = 4.5mm

y = 3.0mm

gms = 30 - 40

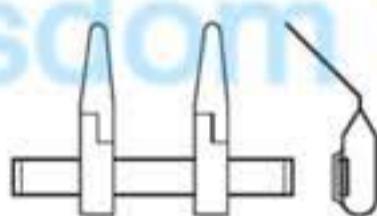


**26-025**

x = 9mm

y = 5mm

gms = 30 - 40

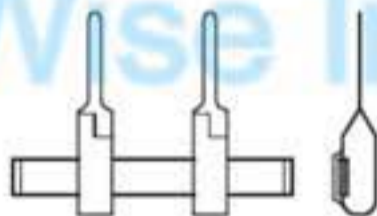


**26-026**

x = 9mm

y = 5mm

gms = 30 - 40

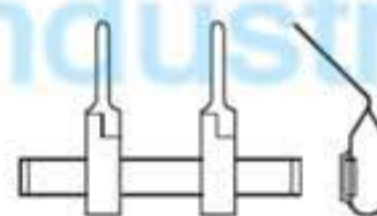


**26-027**

x = 9mm

y = 5mm

gms = 20 - 25



**26-028**

x = 9mm

y = 5mm

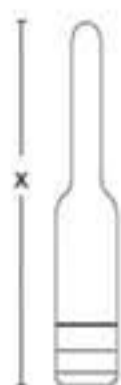
gms = 30 - 40

For temporary occlusion, (identified by yellow coloured spring ends) for vessels of 0.5 mm - 2.0 mm Ø.  
Blade gripping surface with oblique serrations for save but careful gripping of vessels.  
No risk due to rigidly fixed pressure measure.



1:2

**26-030**  
 14cm Without Lock  
**26-031**  
 14cm With Lock



x = Length

Ø = Vessel

V = Vein

A = Artery

x = 8mm

V	26-035	26-036	26-037	26-038
A	26-039	26-040	26-041	26-042

Ø = 0.4mm - 1mm

x = 11mm

V	26-043	26-044	26-045	26-046
A	26-047	26-048	26-049	26-050

Ø = 0.6mm - 1.5mm

x = 14mm

V	26-051	26-052	26-053	26-054
A	26-055	26-056	26-057	26-058

Ø = 1mm - 2mm

x = 17mm

V	26-059	26-060	26-061	26-062
A	26-063	26-064	26-065	26-066

Ø = 1mm - 2.25mm

**26-033**  
 14cm  
**FOR APPROXIMATORS  
 AND DOUBLE-CLIPS**

x = 25mm

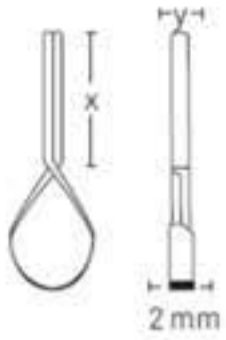
V	26-067	26-068	26-069	26-070
A	26-071	26-072	26-073	26-074

Ø = 1.5mm - 3.5mm

x = 36mm

V	26-075	26-076	26-077	26-078
A	26-079	26-080	26-081	26-082

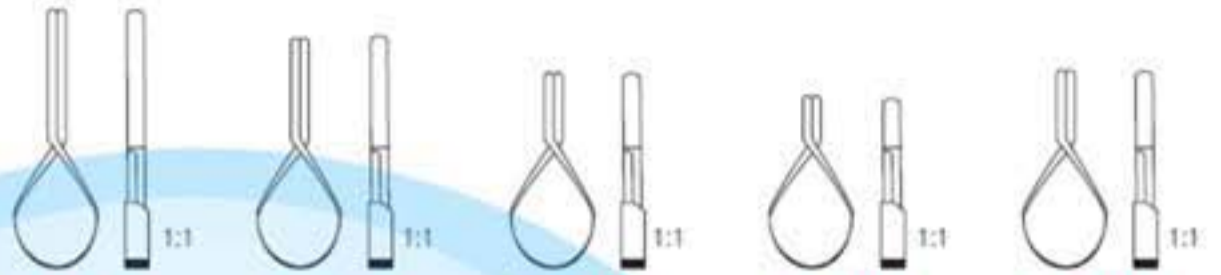
Ø = 1.5mm - 3.5mm



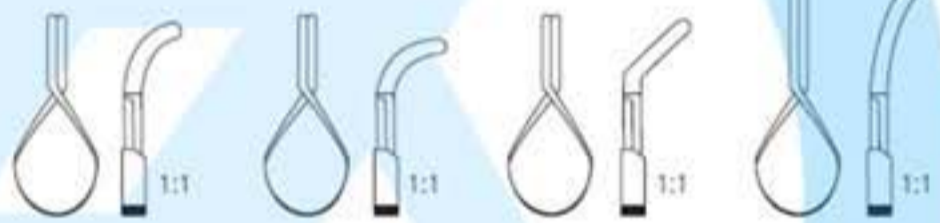
x = Jaw Length  
 Y = Maximum Opening  
 gms = Pressure  
 For Temporary Closure



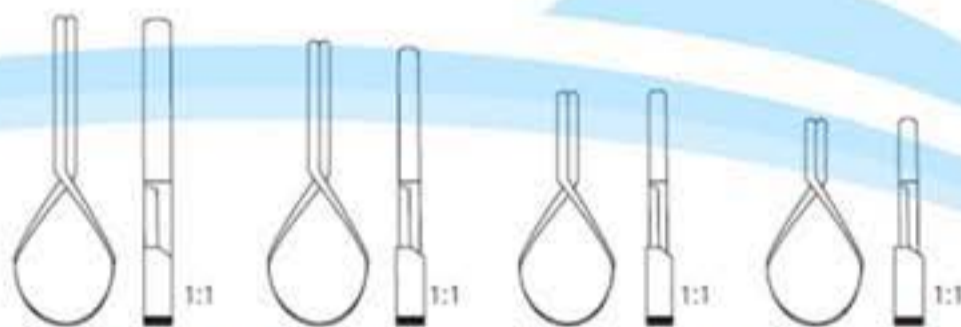
**26-084**  
 15cm  
 With Ratchet  
**26-086**  
 18cm  
 With Ratchet,  
**BAYONET SHAPED  
 FOR CLIPS**



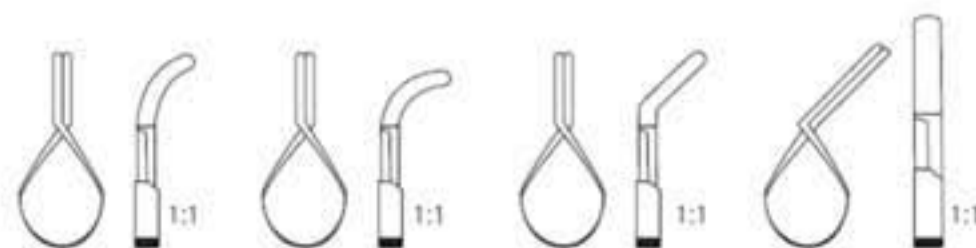
**26-088** x = 10mm Y = 1.5mm gms = 70  
**26-089** x = 8mm Y = 1mm gms = 70  
**26-090** x = 6mm Y = 0.8mm gms = 70  
**26-091** x = 4mm Y = 0.75mm gms = 70  
**26-092** x = 6mm Y = 1mm gms = 70



**26-093** x = 6mm Y = 1mm gms = 70  
**26-094** x = 6mm Y = 1mm gms = 70  
**26-095** x = 6mm Y = 1mm gms = 70  
**26-096** x = 10mm Y = 1mm gms = 70



**26-097** x = 10mm Y = 2mm gms = 150  
**26-098** x = 8mm Y = 2mm gms = 150  
**26-099** x = 6mm Y = 1mm gms = 150  
**26-100** x = 4mm Y = 0.75mm gms = 150



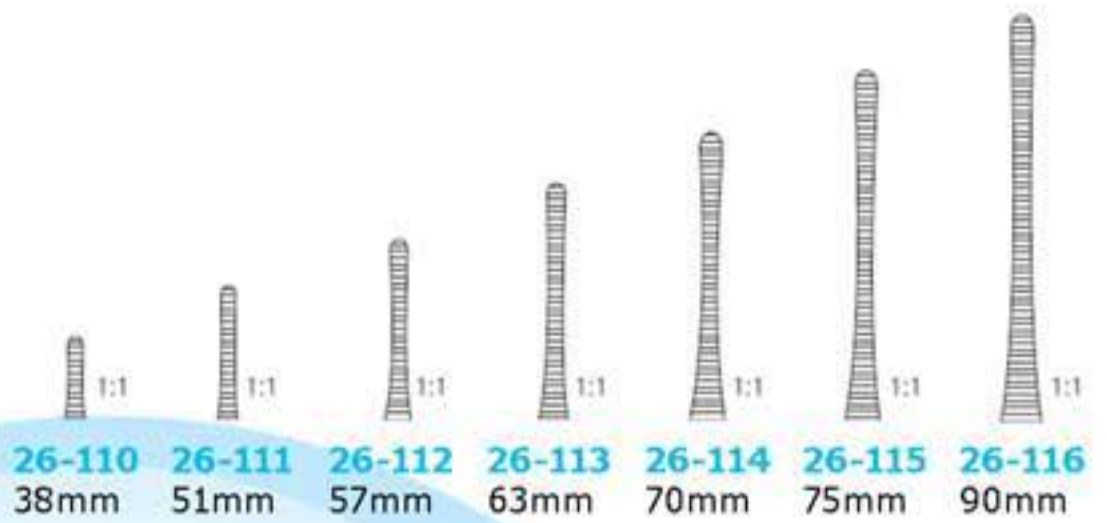
**26-101** x = 6mm Y = 1mm gms = 150  
**26-102** x = 6mm Y = 1mm gms = 150  
**26-103** x = 6mm Y = 1mm gms = 150  
**26-104** x = 8mm Y = 2mm gms = 150



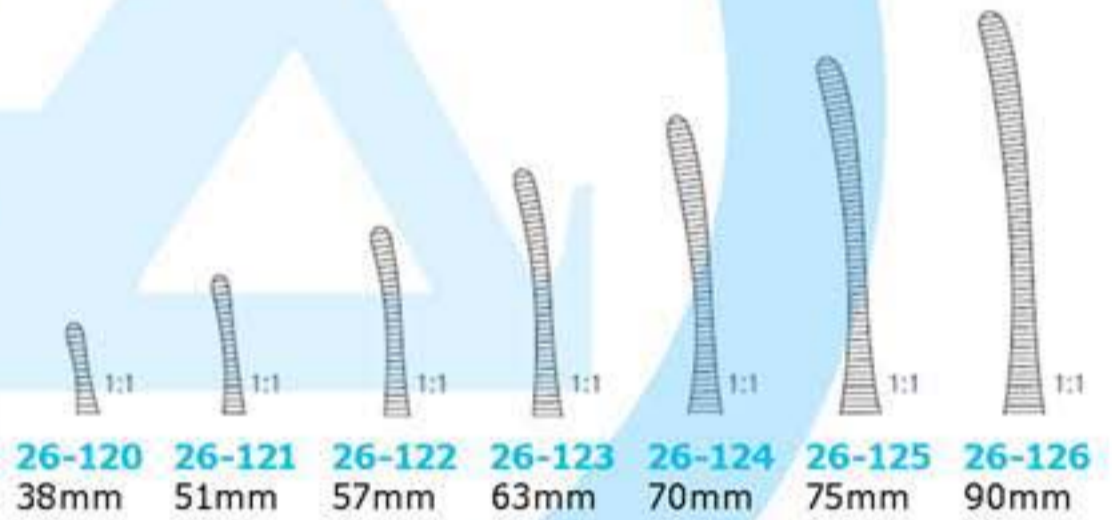
**APPLYING FORCEPS FOR BULLDOG CLAMPS**  
 26-106  
 23.5cm



**JOHN HOPKINS**  
 Bulldog Clamps  
 Straight



**JOHN HOPKINS**  
 Bulldog Clamps  
 Curved



# AZ Wisdom Wise Industries



**DIETHRICH**  
 Micro Coronary  
 Straight  
 5cm



**DIETHRICH**  
 Micro Coronary  
 Curved  
 5cm



26-142  
80mm



26-143  
90mm



26-144  
105mm



26-145  
125mm



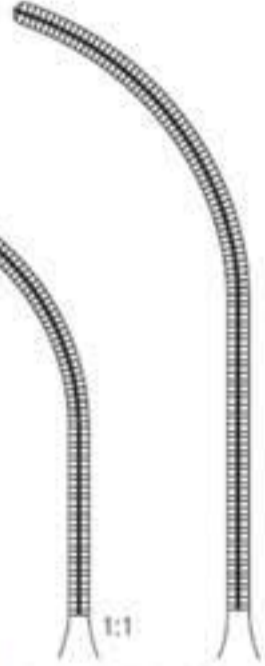
26-147  
75mm



26-148  
85mm



26-149  
95mm



26-150  
115mm

COOLEY

COOLEY



26-152  
75mm



26-153  
85mm



26-154  
105mm



26-155  
120mm

DEBAKEY  
Straight



26-156  
70mm



26-157  
80mm

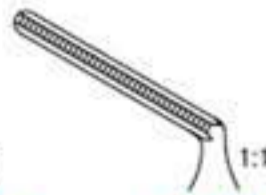


26-158  
100mm

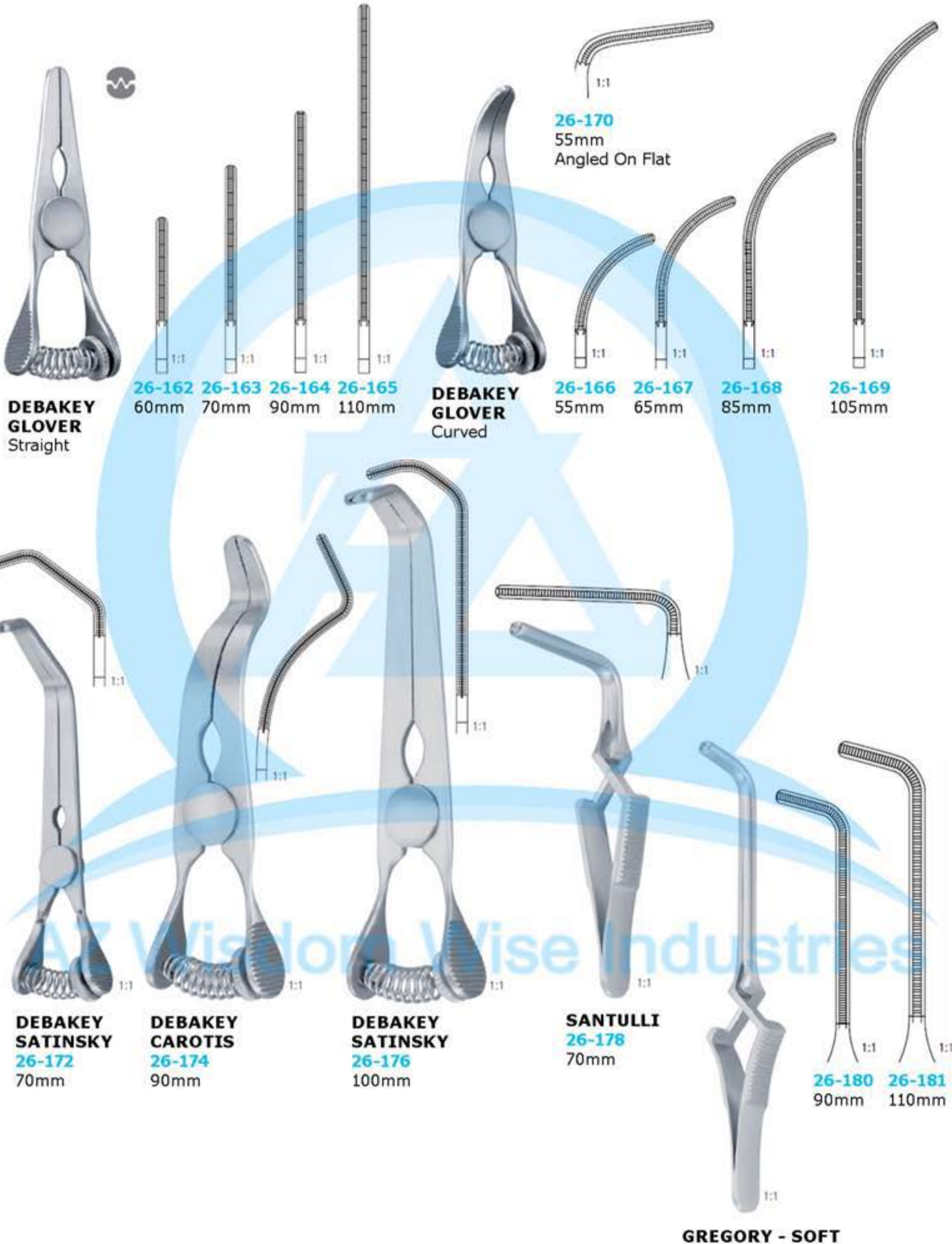


26-159  
115mm

DEBAKEY  
Curved



26-160  
55mm  
Angled On Flat







**GREGORY** Left  
26-183  
110mm



**GREGORY** Right  
26-185  
110mm

AZ Wisdom Wise Industries



**DEBAKEY**



**DEBAKEY ADSON**  
 26-233  
 12cm



**DEBAKEY**

1.5mm  
 26-190 = 12cm  
 26-191 = 14.5cm  
 26-192 = 16cm  
 26-193 = 20cm  
 26-194 = 24cm

2.0mm  
 26-196 = 14.5cm  
 26-197 = 16cm  
 26-198 = 20cm  
 26-199 = 24cm  
 26-200 = 30cm

2.7mm  
 26-202 = 16cm  
 26-203 = 20cm  
 26-204 = 24cm  
 26-205 = 30cm

3.5mm  
 26-207 = 16cm  
 26-208 = 20cm  
 26-209 = 24cm  
 26-210 = 30cm  
 26-211 = 35cm

1.5mm Curved  
 26-213 = 14.5cm

2.0mm Curved  
 26-215 = 16cm  
 26-216 = 20cm  
 26-217 = 24cm  
 26-218 = 30cm

2.5mm  
 26-220 = 15cm  
 26-221 = 20cm  
 26-222 = 24cm

3.0mm  
 26-224 = 15cm  
 26-225 = 20cm  
 26-226 = 24cm

2.0mm  
 26-228 = 16cm  
 26-229 = 20cm

3.5mm  
 26-230 = 16cm  
 26-231 = 20cm

**COOLEY**  
 Atraumatic Forceps



**DEBAKEY**

1.5mm  
 26-235 = 12cm  
 26-236 = 14.5cm  
 26-237 = 16cm  
 26-238 = 20cm  
 26-239 = 24cm

2.0mm  
 26-241 = 14.5cm  
 26-242 = 16cm  
 26-243 = 20cm  
 26-244 = 24cm  
 26-245 = 30cm

2.7mm  
 26-247 = 16cm  
 26-248 = 20cm  
 26-249 = 24cm  
 26-250 = 30cm

3.5mm  
 26-252 = 16cm  
 26-253 = 20cm  
 26-254 = 24cm  
 26-255 = 30cm  
 26-256 = 35cm

1.5mm Curved  
 26-258 = 14.5cm

2.0mm Curved  
 26-260 = 16cm  
 26-261 = 20cm  
 26-262 = 24cm  
 26-263 = 30cm

4mm  
 26-265 = 15cm

8mm  
 26-266 = 20cm

2.0mm  
 26-268 = 16cm  
 26-269 = 20cm

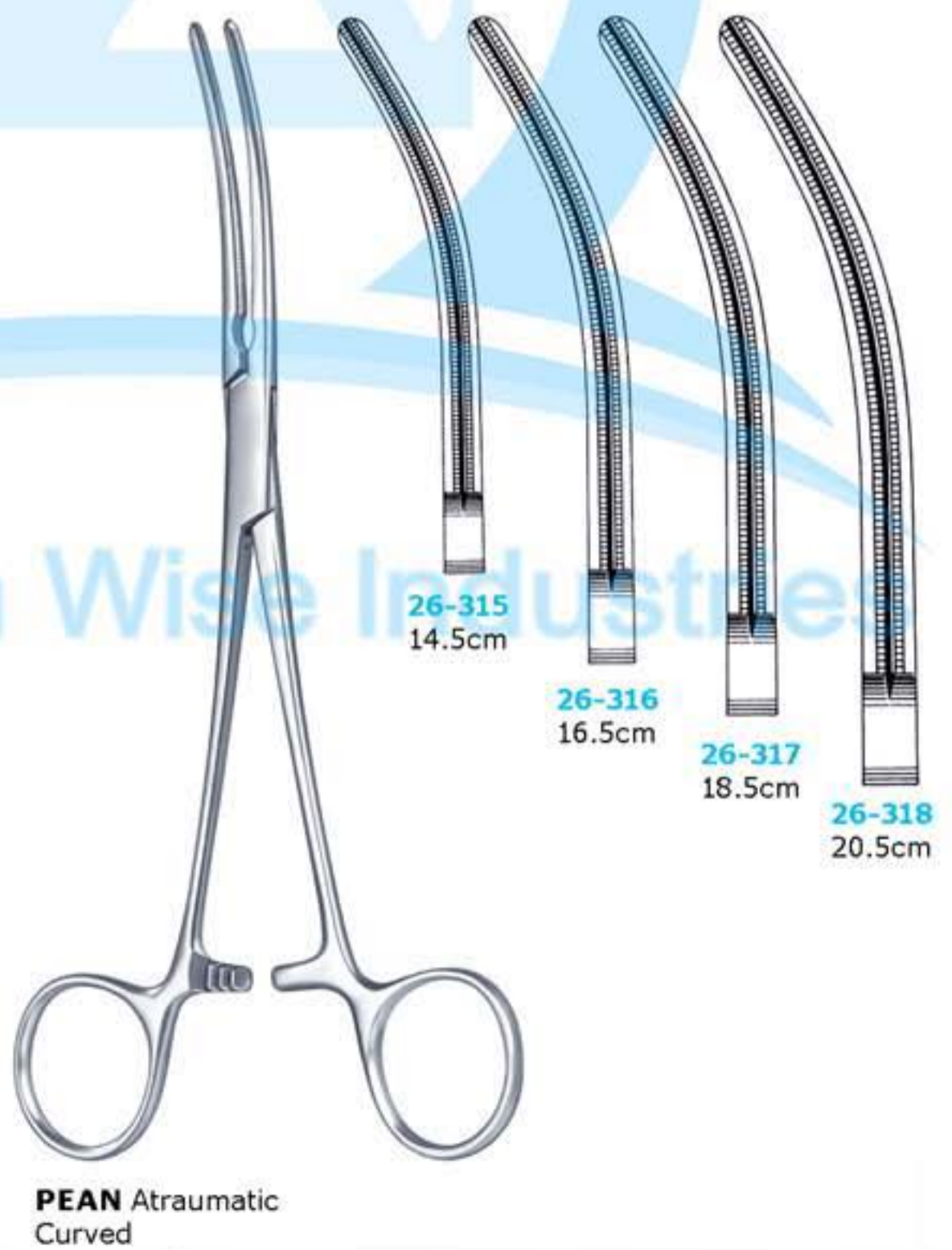
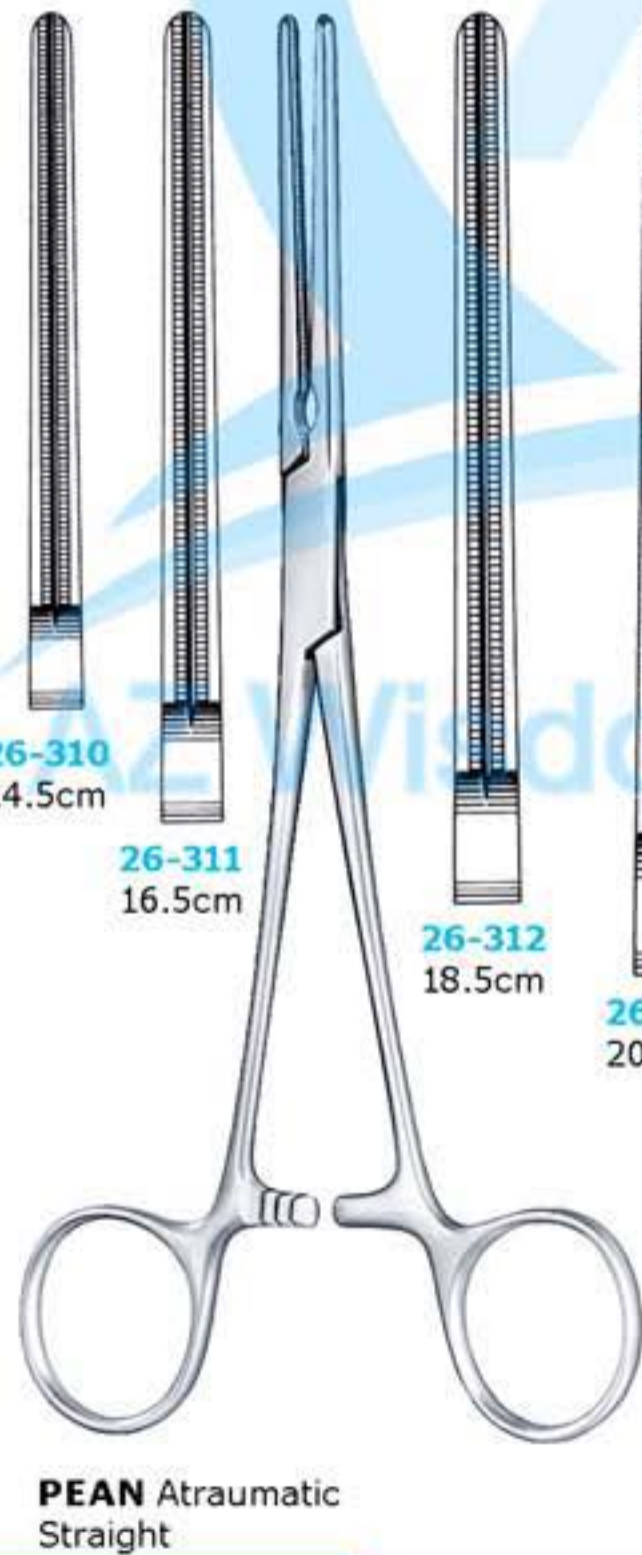
3.5mm  
 26-271 = 16cm  
 26-272 = 20cm



**DEBAKEY Allis Tissue Forceps**

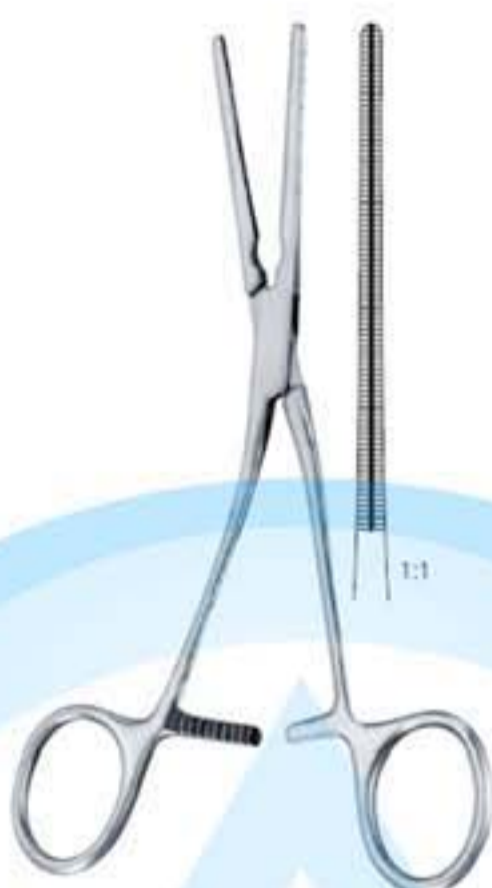


**COOLEY**  
 Atraumatic Forceps

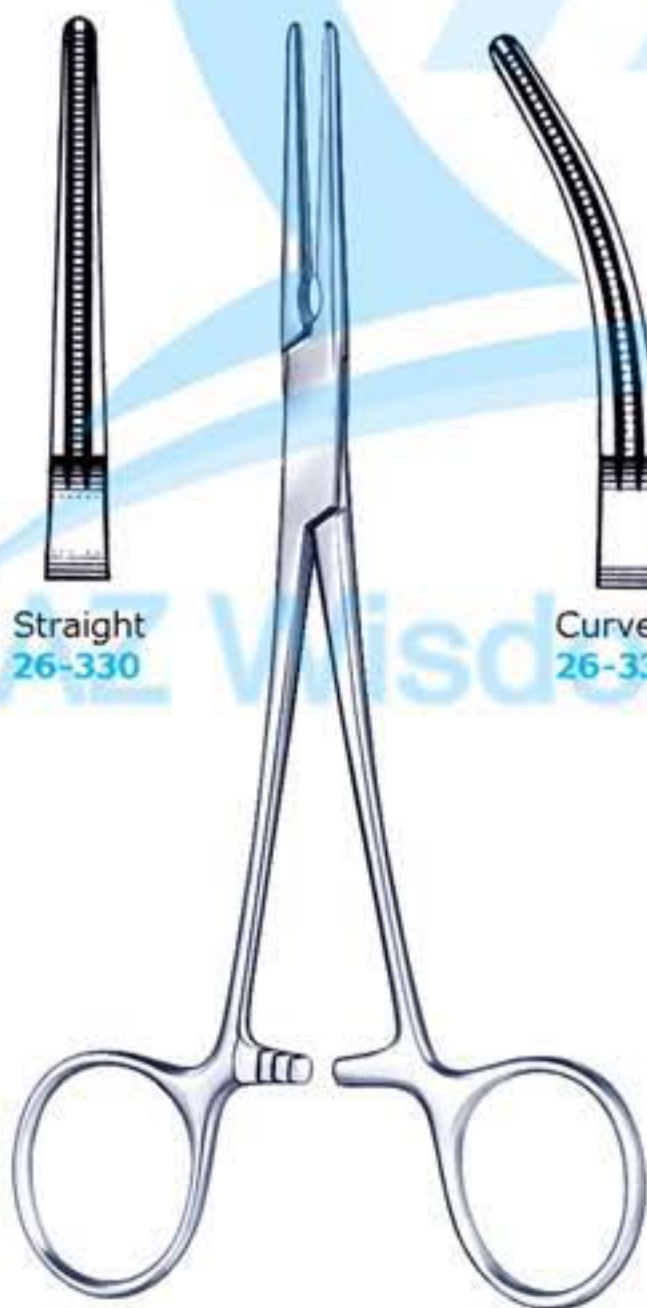




**COOLEY PATENT DUCTUS** Clamp  
 26-320 = 16cm  
 26-321 = 17cm  
 26-322 = 20cm  
 26-323 = 21cm  
 26-324 = 23cm



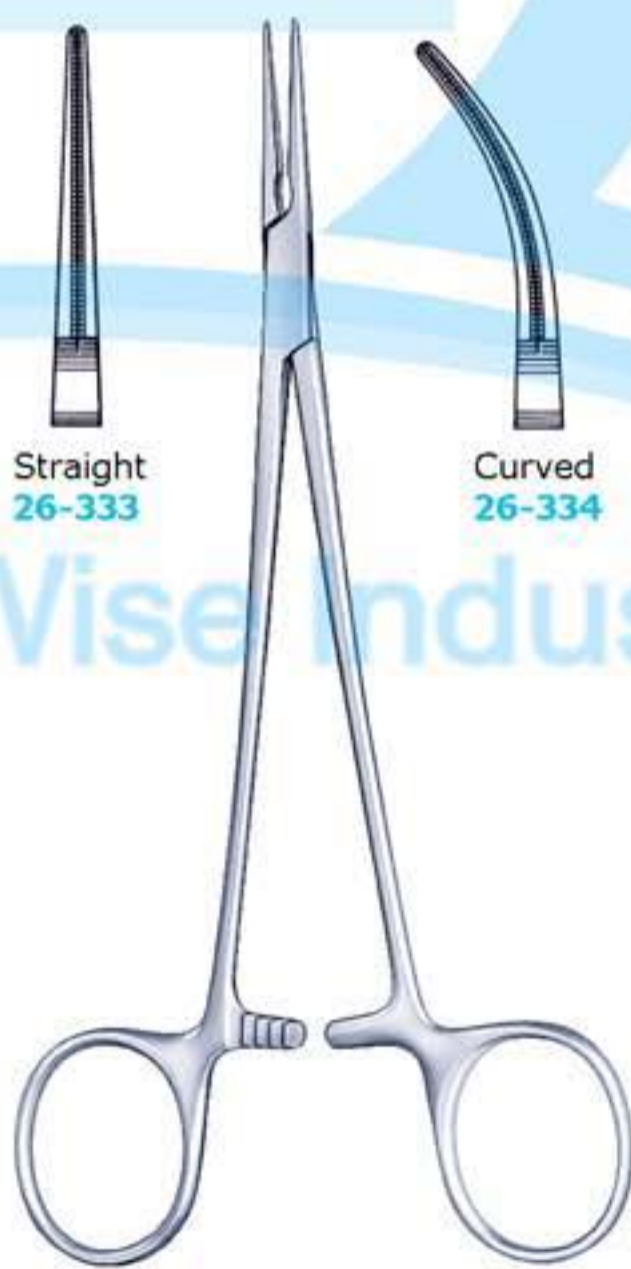
**COOLEY PATENT DUCTUS** Clamp  
 26-326 = 16cm  
 26-327 = 17cm  
 26-328 = 23cm  
 Angled On Flat, Graduated



Straight  
 26-330

Curved  
 26-331

**RANKIN** Atraumatic  
 16cm



Straight  
 26-333

Curved  
 26-334

**MOSQUITO** Atraumatic  
 15cm



**POTTS** Atraumatic  
Straight

26-336  
21.5cm

26-337  
23.5cm

26-338  
27cm

26-339  
31.5cm



**POTTS** Atraumatic  
Curved



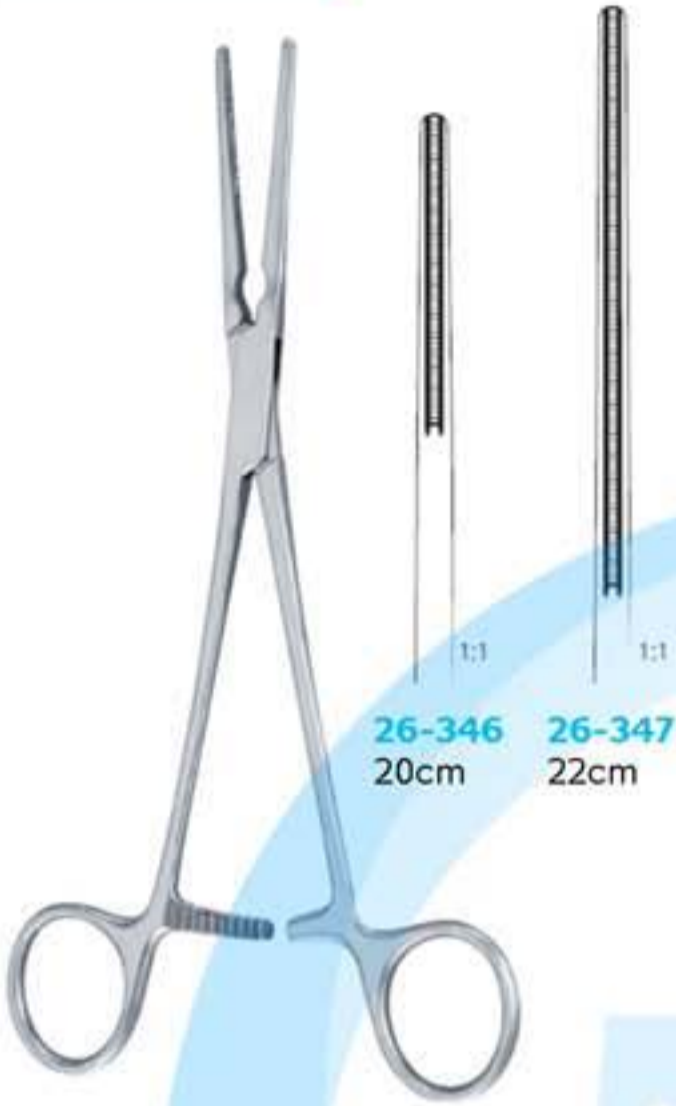
26-341  
21cm

26-342  
23cm

26-343  
26cm

26-344  
31cm

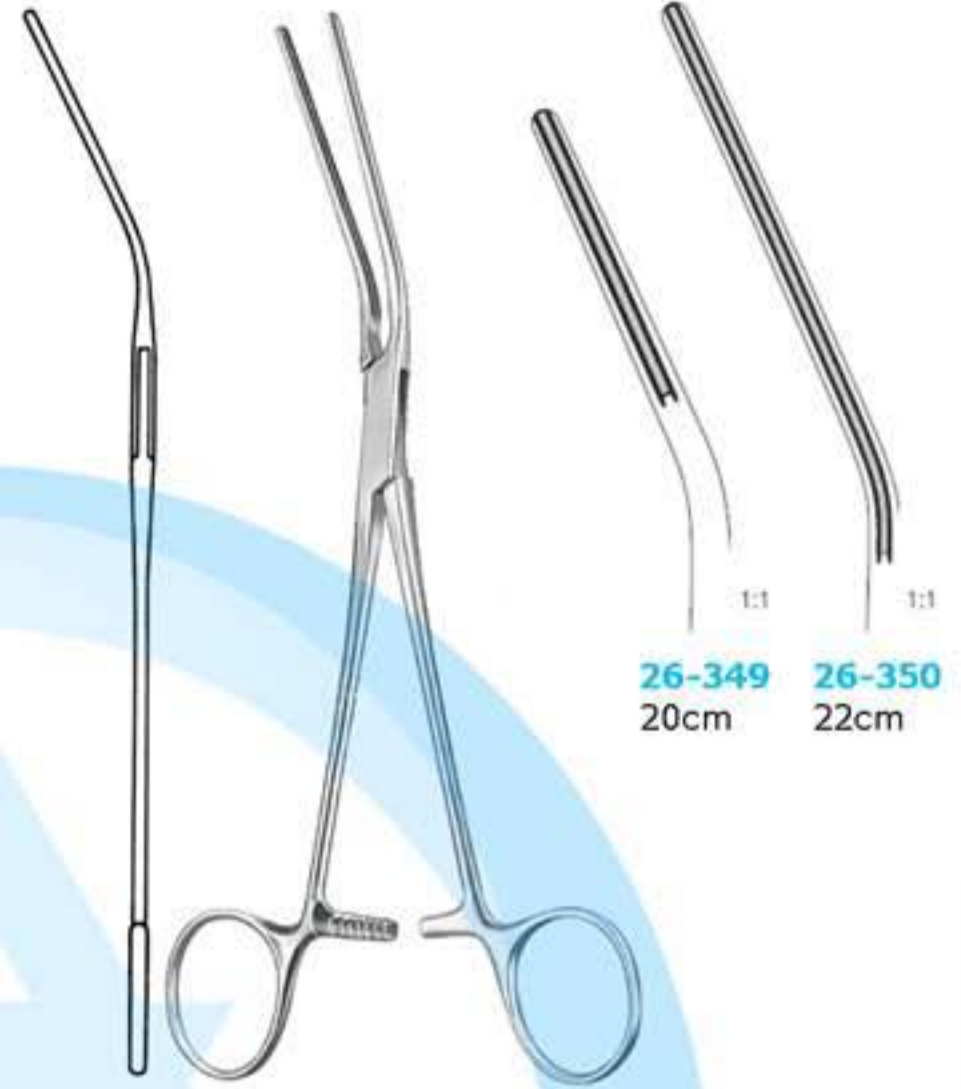
AZ Wisdom Wise Industries



**26-346**  
20cm

**26-347**  
22cm

**POTTS** Atraumatic  
Straight



**26-349**  
20cm

**26-350**  
22cm

**POTTS** Atraumatic  
Curved



30mm Jaw  
**26-352**  
20.5cm

55mm Jaw  
**26-353**  
22cm

**POTTS** Angled Atraumatic



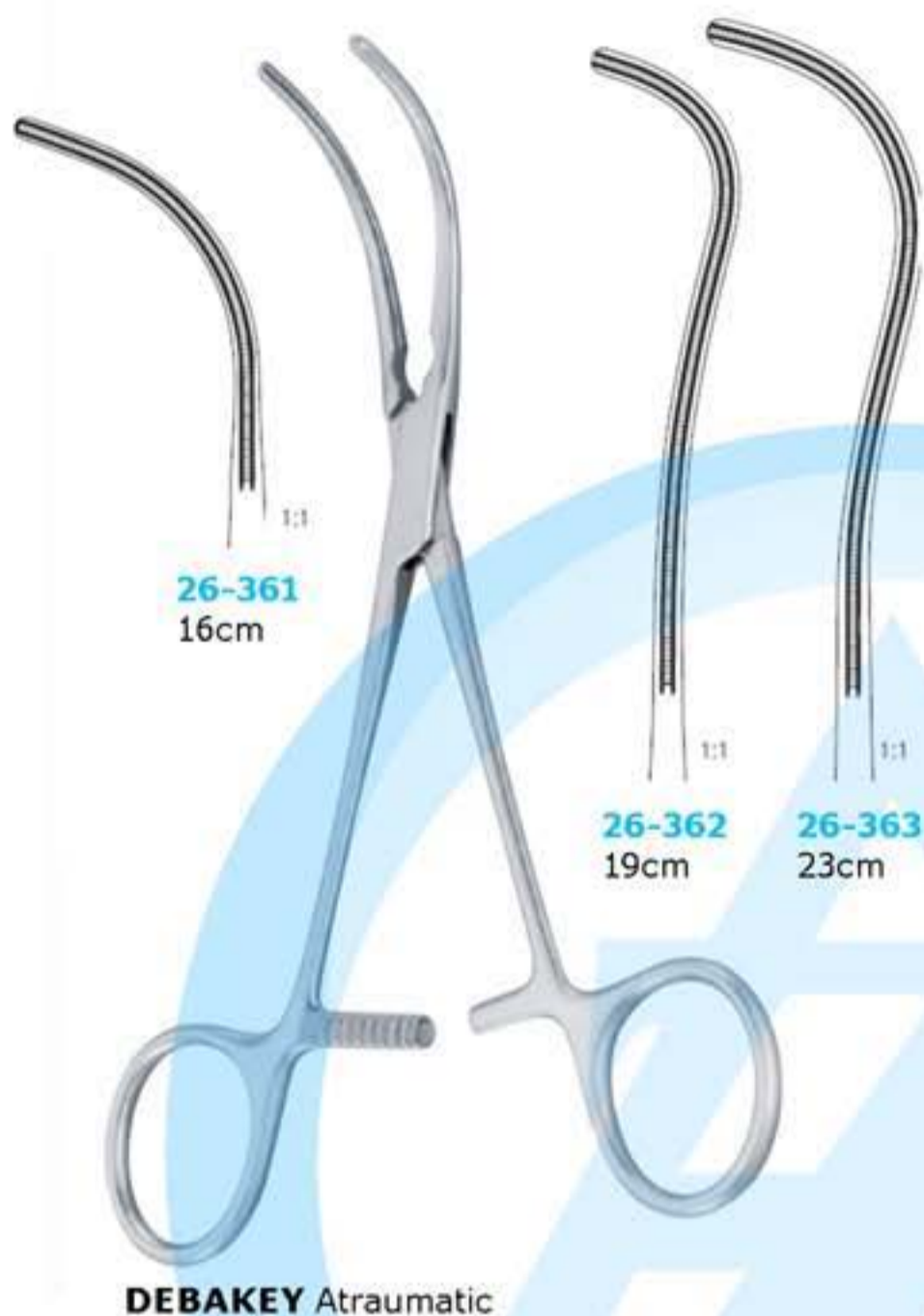
Straight  
**26-355**  
21cm

Straight  
**26-356**  
22cm

**POTTS** Atraumatic

Curved  
**26-358**  
21cm

Curved  
**26-359**  
22cm



**DEBAKEY** Atraumatic



**DEBAKEY** Atraumatic  
 S - Shape  
 26-365  
 19cm

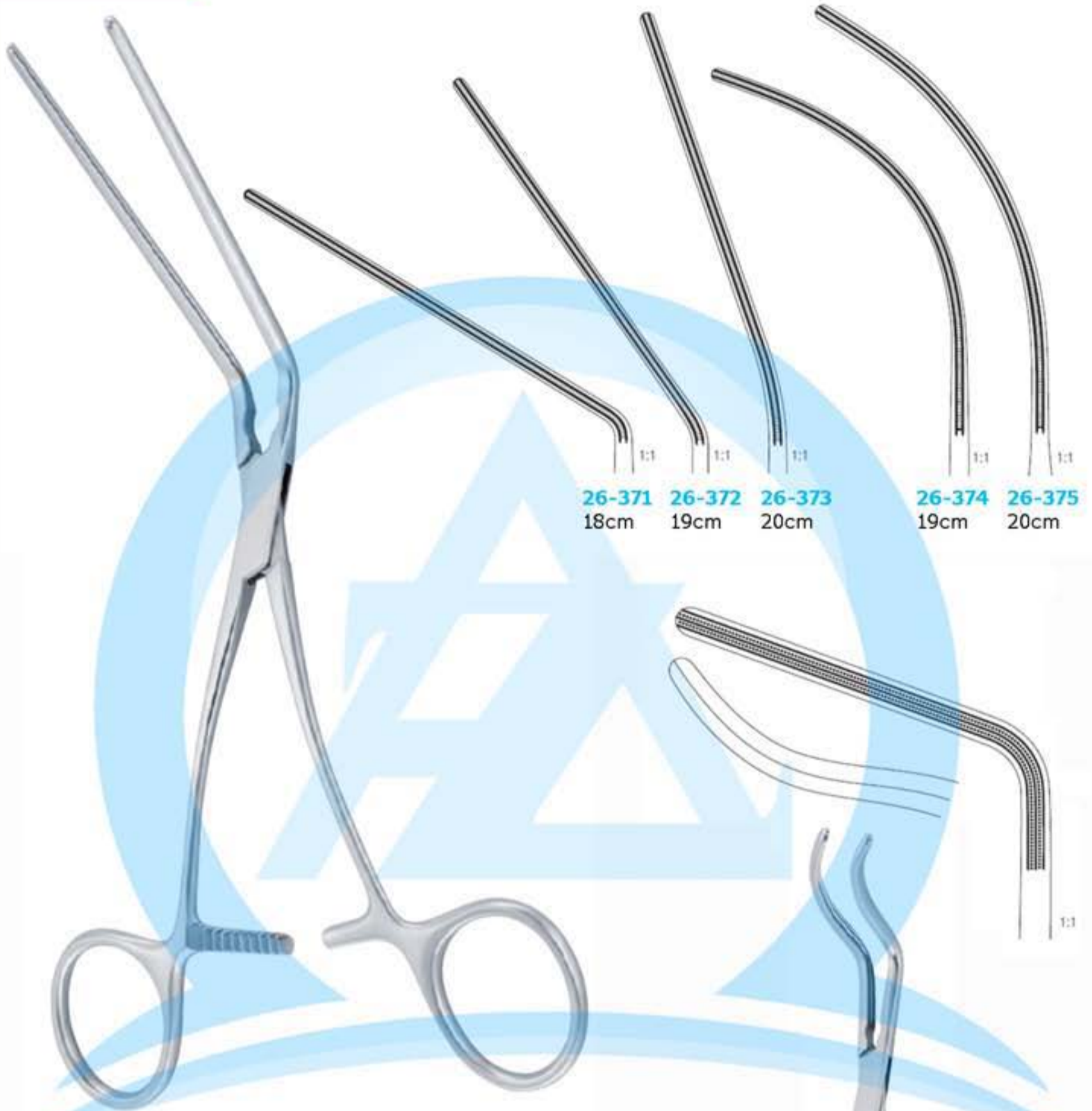


**DEBAKEY** Atraumatic  
 S - Shape  
 26-367  
 20cm



**DEBAKEY** Atraumatic  
 S - Curved  
 26-369  
 20cm

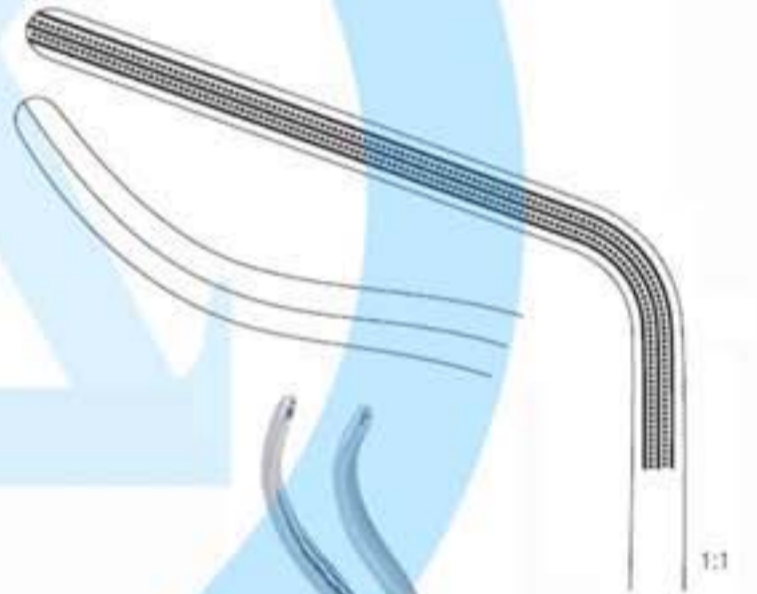




**26-371** 18cm  
**26-372** 19cm  
**26-373** 20cm

**26-374** 19cm  
**26-375** 20cm

**LELAND - JONES** Atraumatic



AZ Wisdom Wise Industries



Straight **26-377** 15cm  
 Straight **26-378** 18cm  
 Curved **26-379** 15cm  
 Curved **26-380** 18cm

**BAINBRIDGE**, Light Atraumatic



**DEBAKEY** Atraumatic 27cm  
**26-382**



**DEBAKEY** Atraumatic Anastomosis  
26-384  
16.5cm

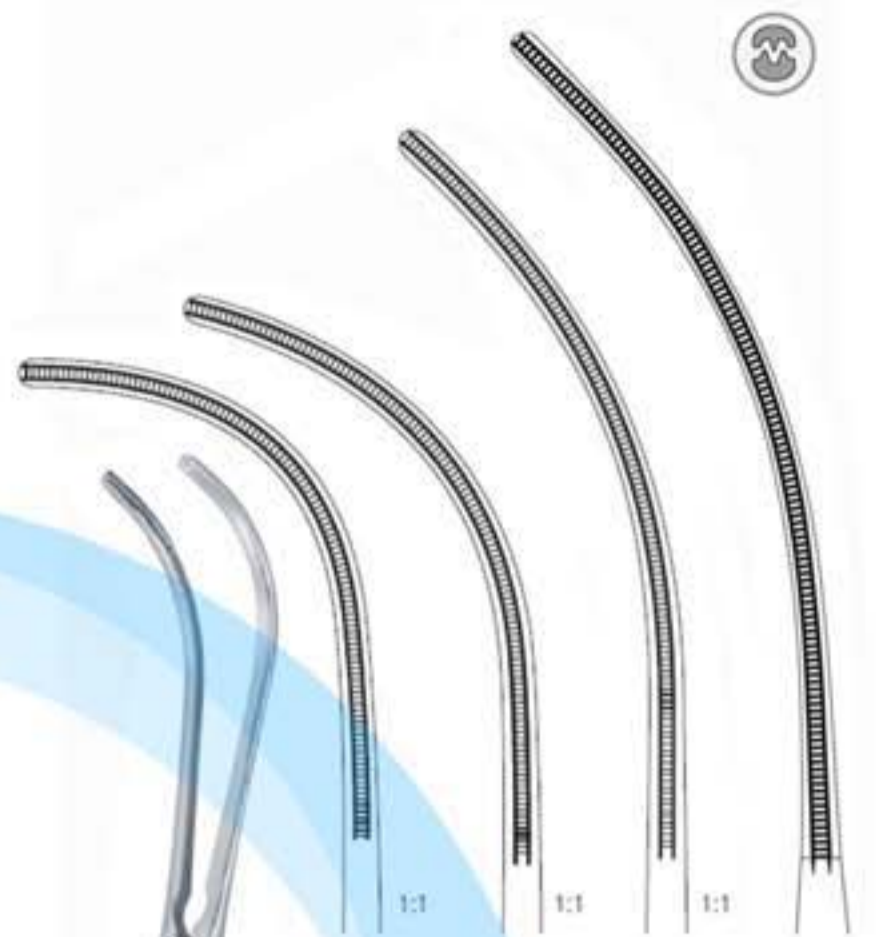
AZ Wisdom Wise Industries



**DEBAKEY** Atraumatic  
 C - Curved



**26-400** 26cm  
**26-401** 27cm  
**26-402** 31cm  
**26-403** 33cm



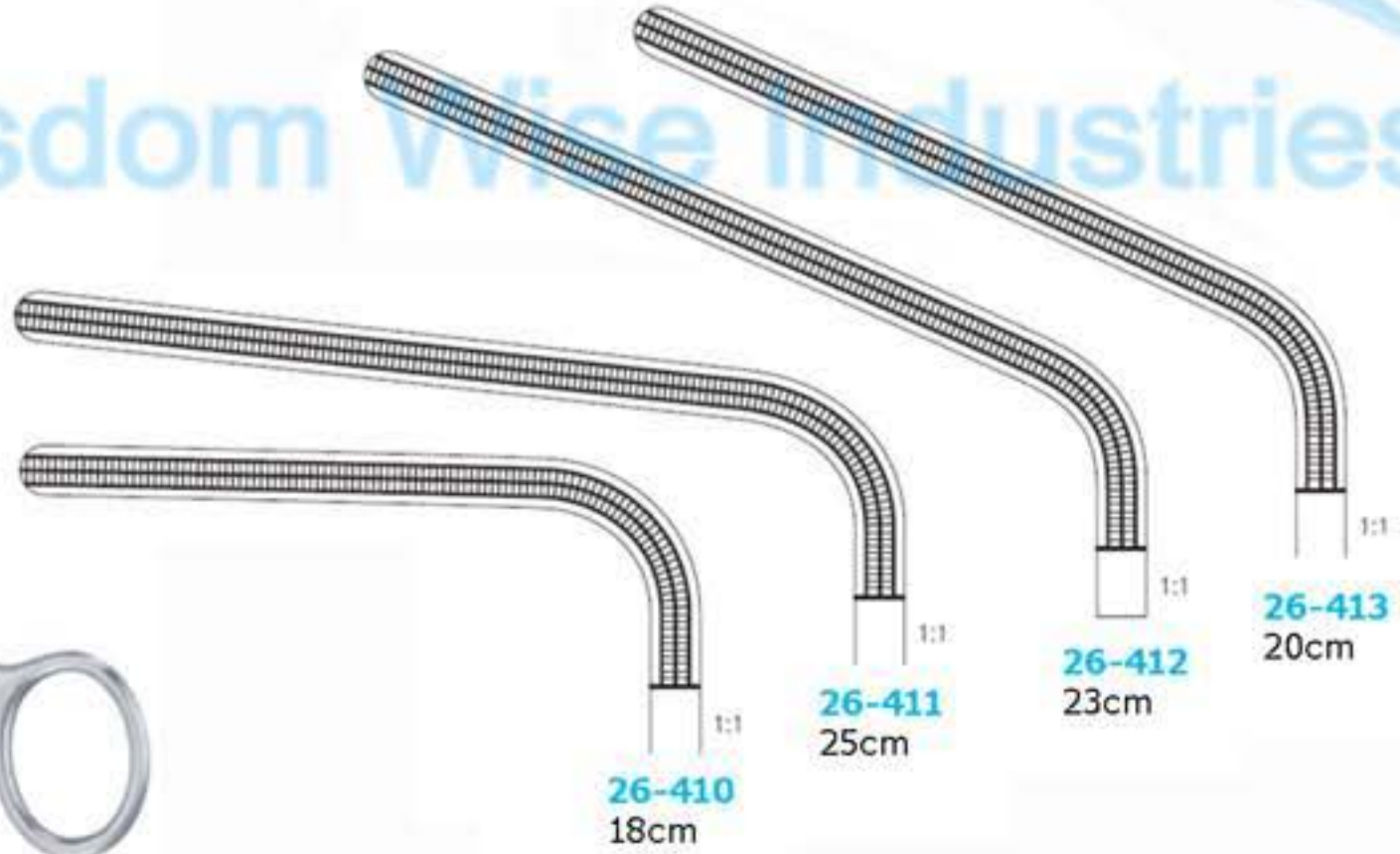
**26-405** 24cm  
**26-406** 25cm  
**26-407** 26cm  
**26-408** 27cm



**DEBAKEY - BAHNSON** Atraumatic



**MORRIS - DEBAKEY** Atraumatic



**26-410**  
 18cm

**26-411**  
 25cm

**26-412**  
 23cm

**26-413**  
 20cm



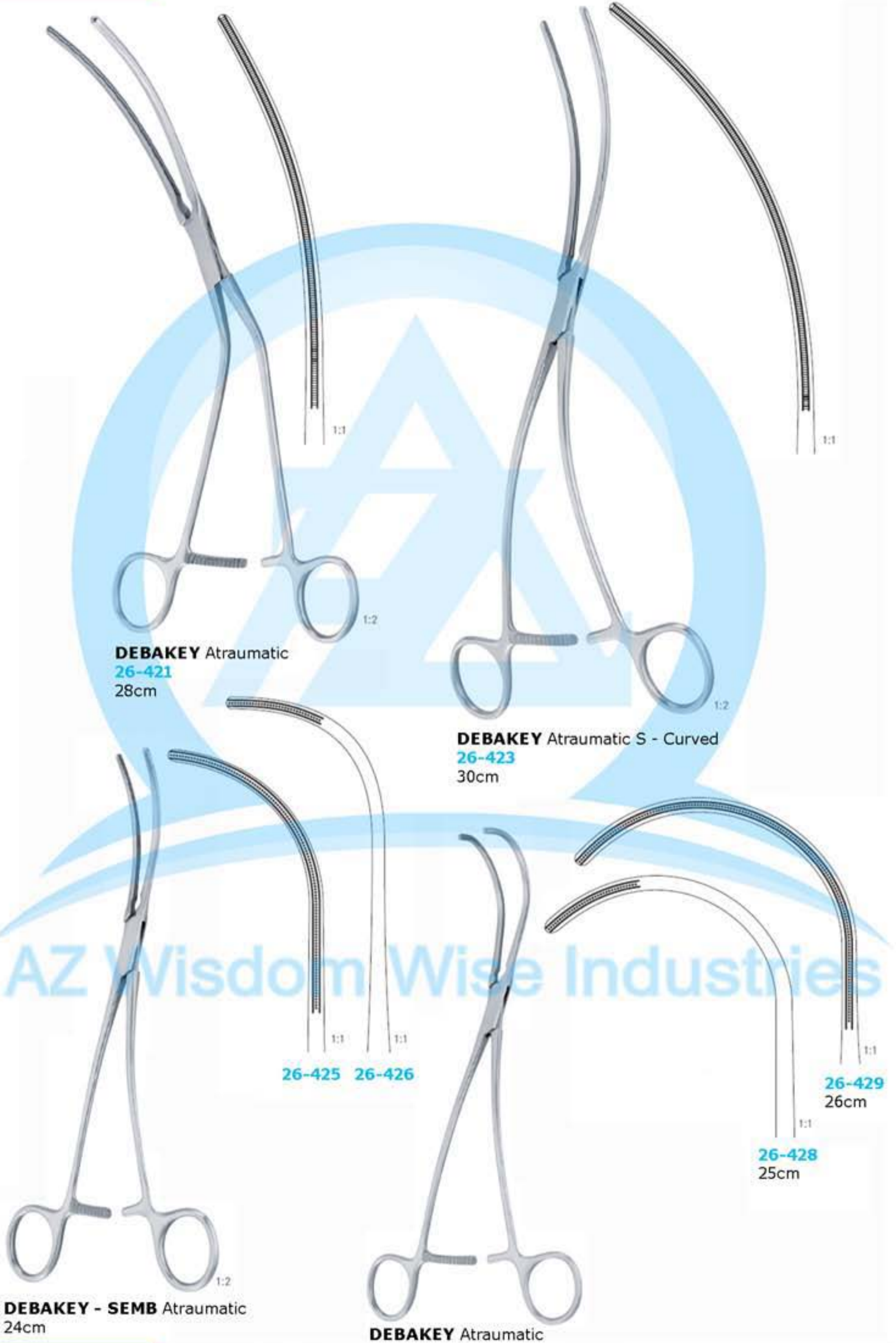
**HUSFELDT - PERIPHER** Atraumatic  
**26-415**  
17cm



**CALIPER** Vascular Atraumatic  
**26-417**  
18cm



**HENLY** Atraumatic Subclavian  
**26-419**  
20cm





**WEBER** Atraumatic Curved Left  
 26-431  
 26cm

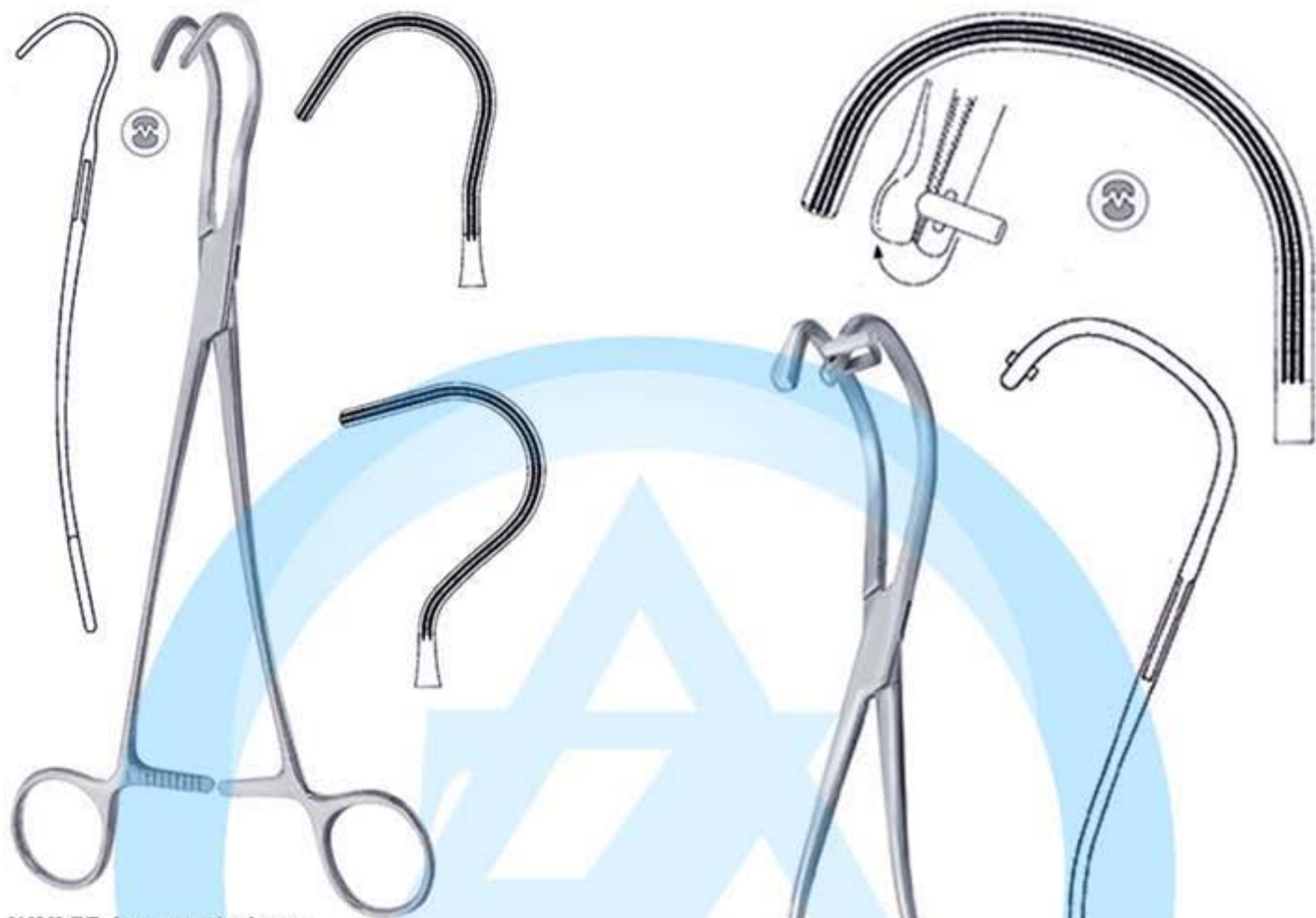
**WEBER** Atraumatic Curved Right  
 26-433  
 26cm



**DEBAKEY** Atraumatic

26-435 21.5cm 26-436 23cm 26-437 27cm 26-438 31.5cm

26-440 21.5cm 26-441 23cm 26-442 27cm 26-443 31.5cm



**WYLIE** Atraumatic Aorta  
 26-445  
 23cm

**CALNE** Atraumatic  
 26-447  
 27cm



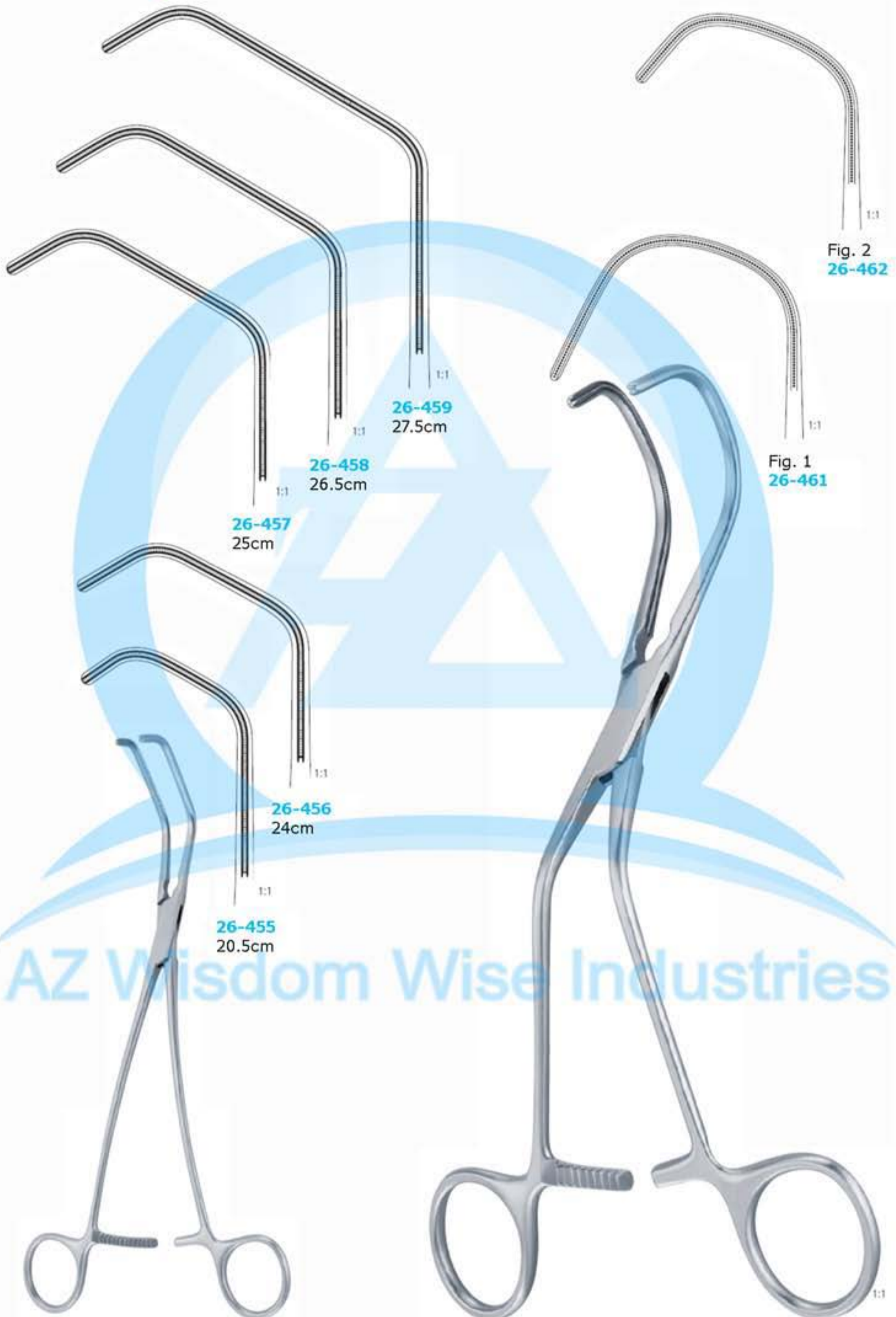
**HARKEN** Atraumatic Auricle

26-449  
 24.5cm  
 Curved

26-450  
 24cm  
 Strongly Curved

26-451  
 23cm  
 Double Curved

26-452  
 23.5cm  
 Angled



**SATINSKY - DEBAKEY** Atraumatic

**LAMBERT - KAY** Debakey Atraumatic 20cm

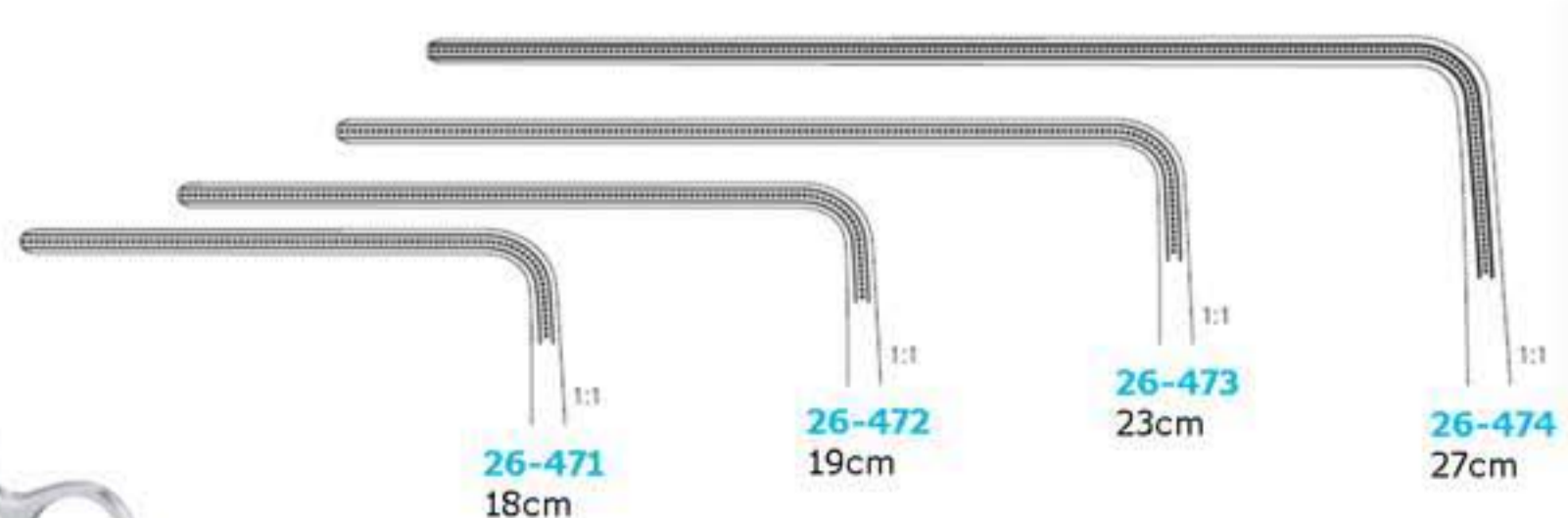




**LEES** Atraumatic

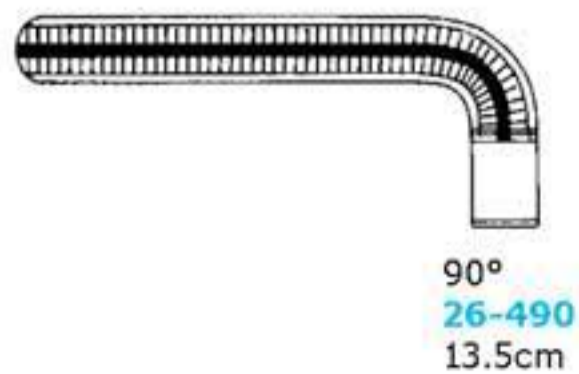


**DEBAKEY** Atraumatic





**DARDIK** Atraumatic



**DARDIK** Atraumatic



**COOLEY** Atraumatic Aortic  
 26-492  
 26cm

**OCHSNER** Atraumatic  
 26-494  
 23.5cm



**DIETHRICH** Atraumatic  
 26-496  
 21cm

**DALE** Atraumatic

26-498 17cm  
 26-499 17.5cm  
 26-500 18.5cm

26-501  
 18.5cm



**HENLY** Atraumatic Subclavian  
 26-503  
 20cm

**GRANT** Atraumatic Abdominal Aortic  
 26-505  
 24.5cm

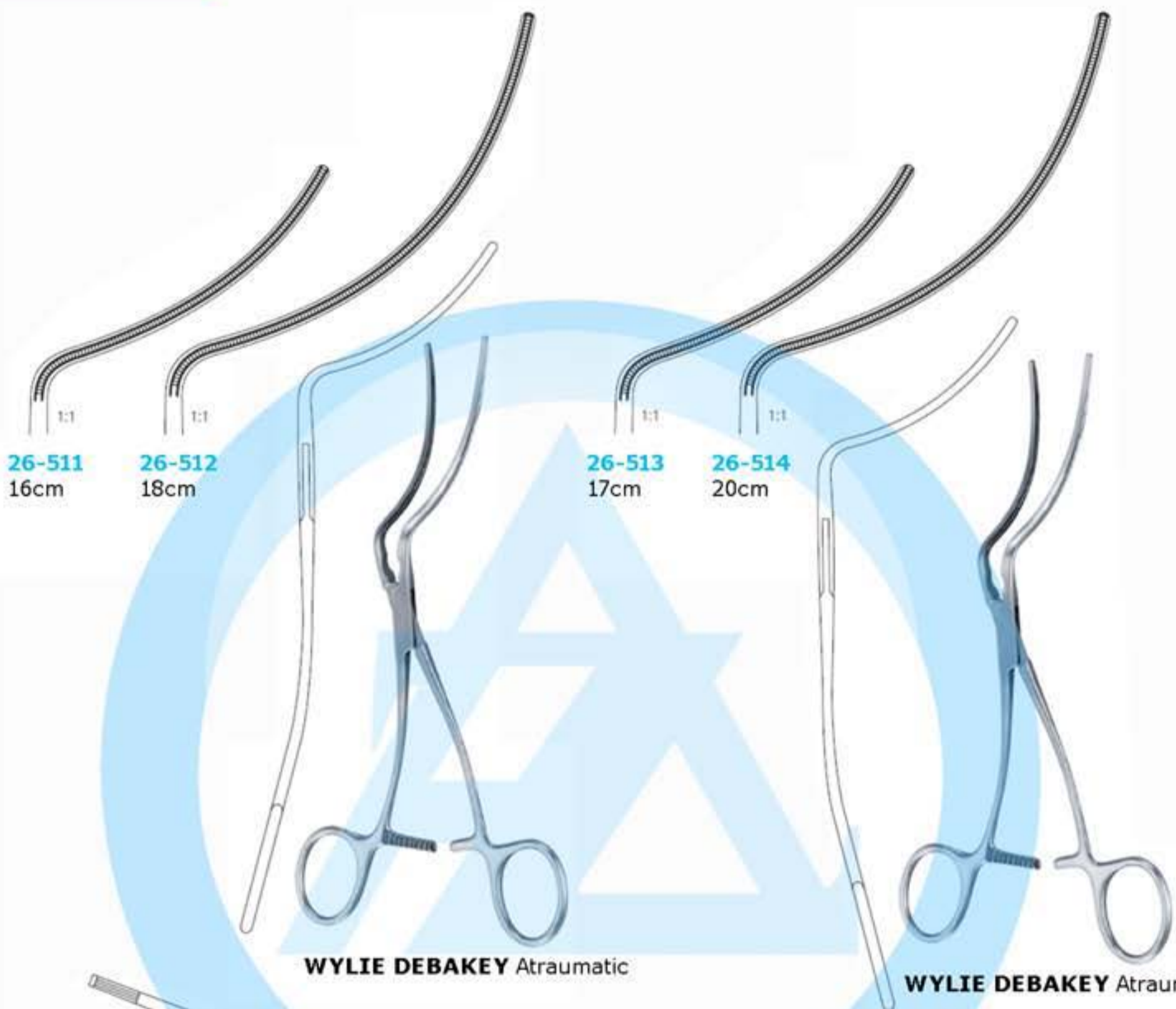


**ZANGER** Atraumatic Abdominal Aortic

26-507  
 21.5cm

26-508  
 25cm

26-509  
 30.5cm





**WYLIE** Atraumatic Aorta  
 26-523  
 24cm



**WYLIE** Atraumatic Aorta  
 26-524  
 27cm



26-525  
 13cm



26-526  
 12.5cm



26-527  
 12cm



26-528  
 11cm



**CASTANEDA** Atraumatic



26-529  
 12cm



26-530  
 12cm



26-531  
 12cm



26-532  
 12cm



**DEBAKEY** Atraumatic



**DEBAKEY** Atraumatic



**GLOVER** Atraumatic



**GLOVER** Atraumatic



**GLOVER** Atraumatic Spoon Shape

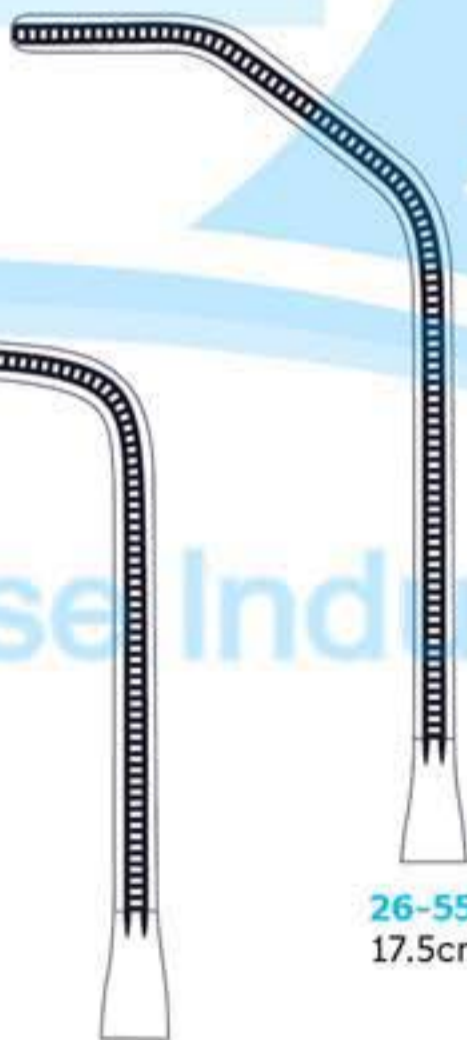
26-554  
 17.5cm

26-555  
 21cm

26-556  
 26cm



**DEBAKEY - REYNOLDS** Atraumatic Anastomosis



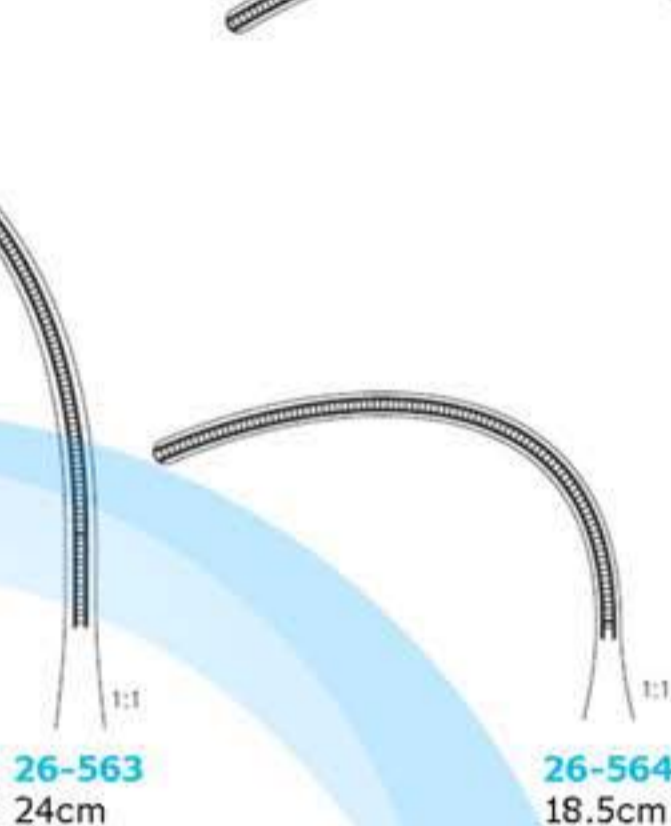
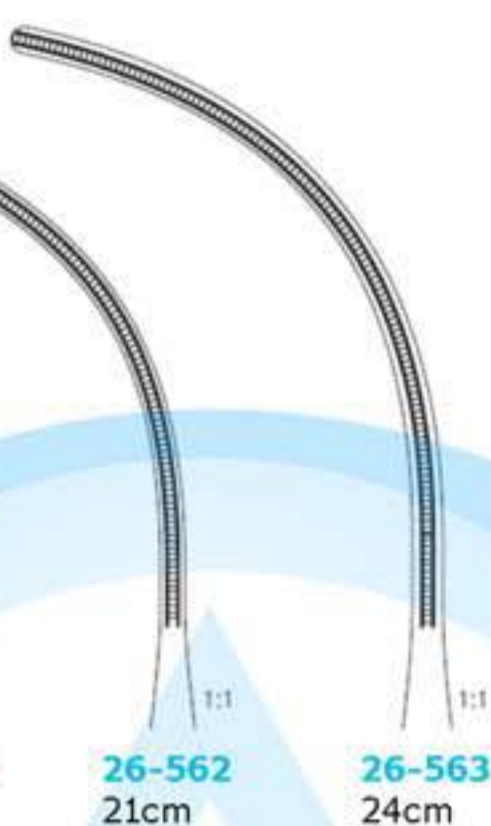
26-558  
 18.5cm

26-559  
 17.5cm





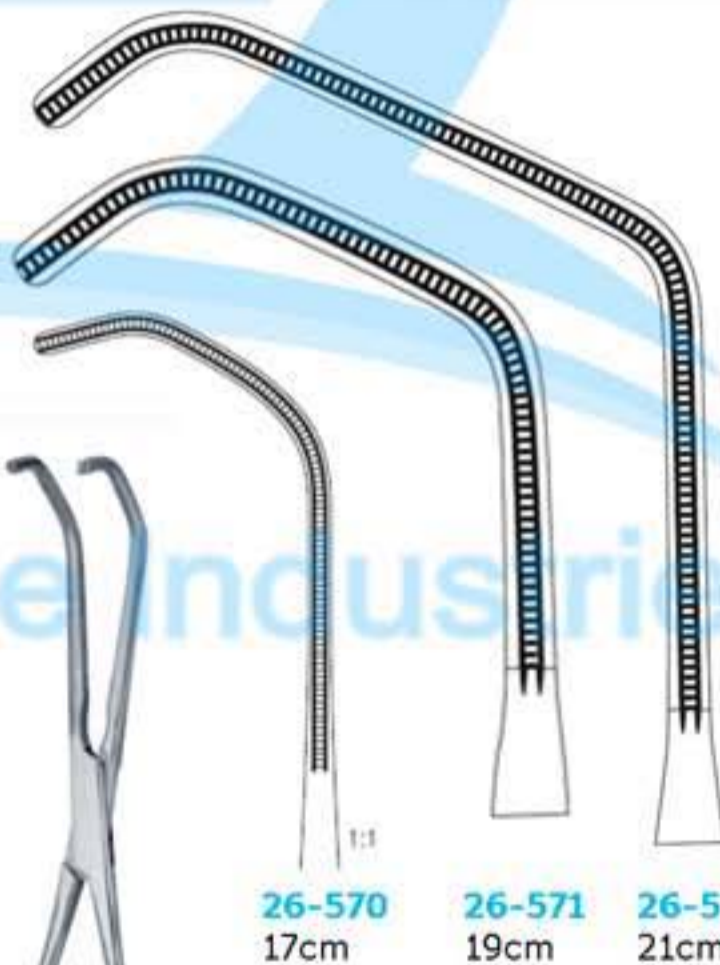
**GLOVER** Atraumatic



26-565  
22cm



**DERRA** Atraumatic

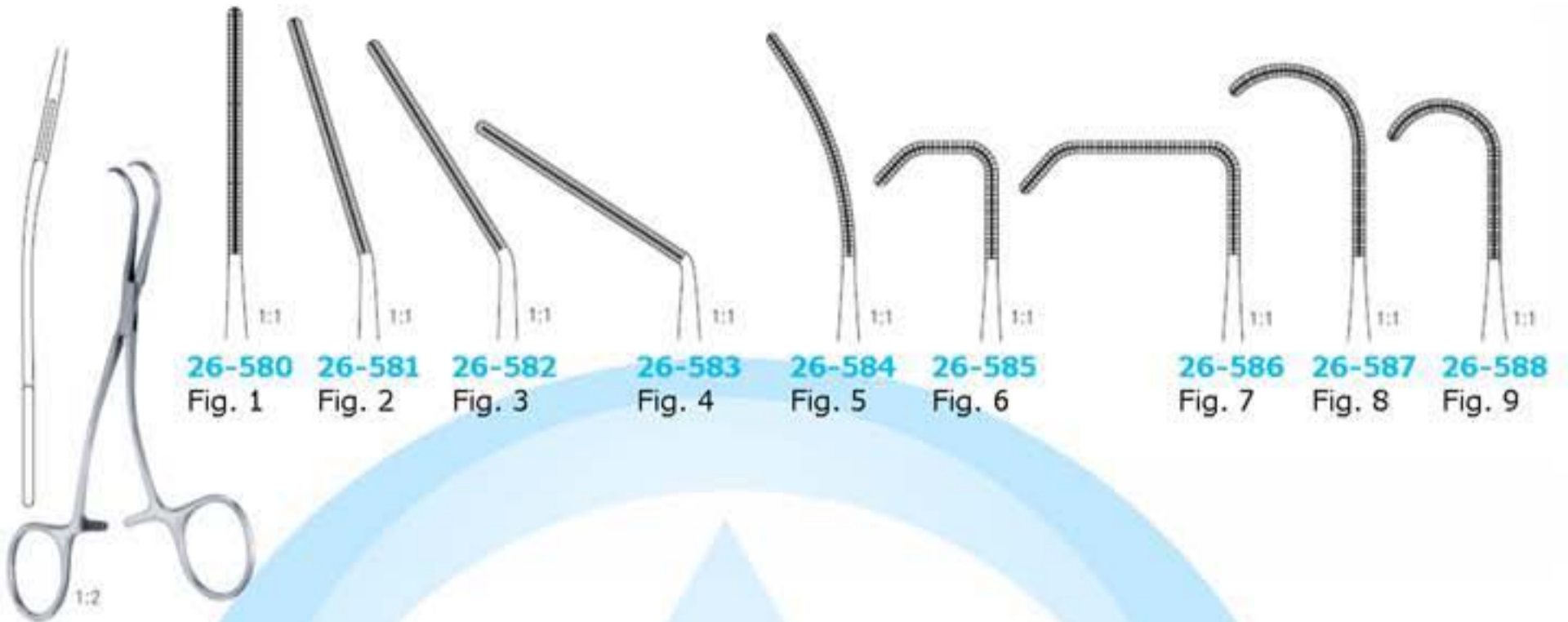


26-571  
19cm

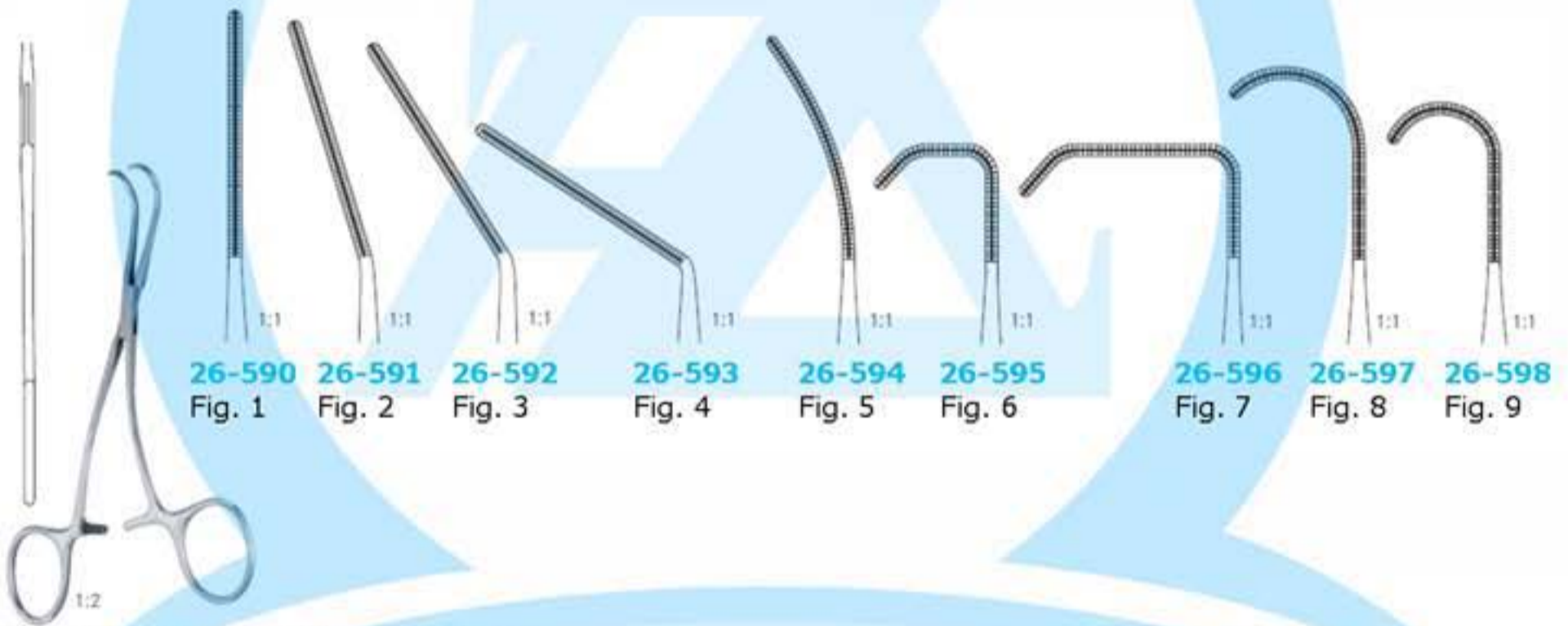
26-572  
21cm



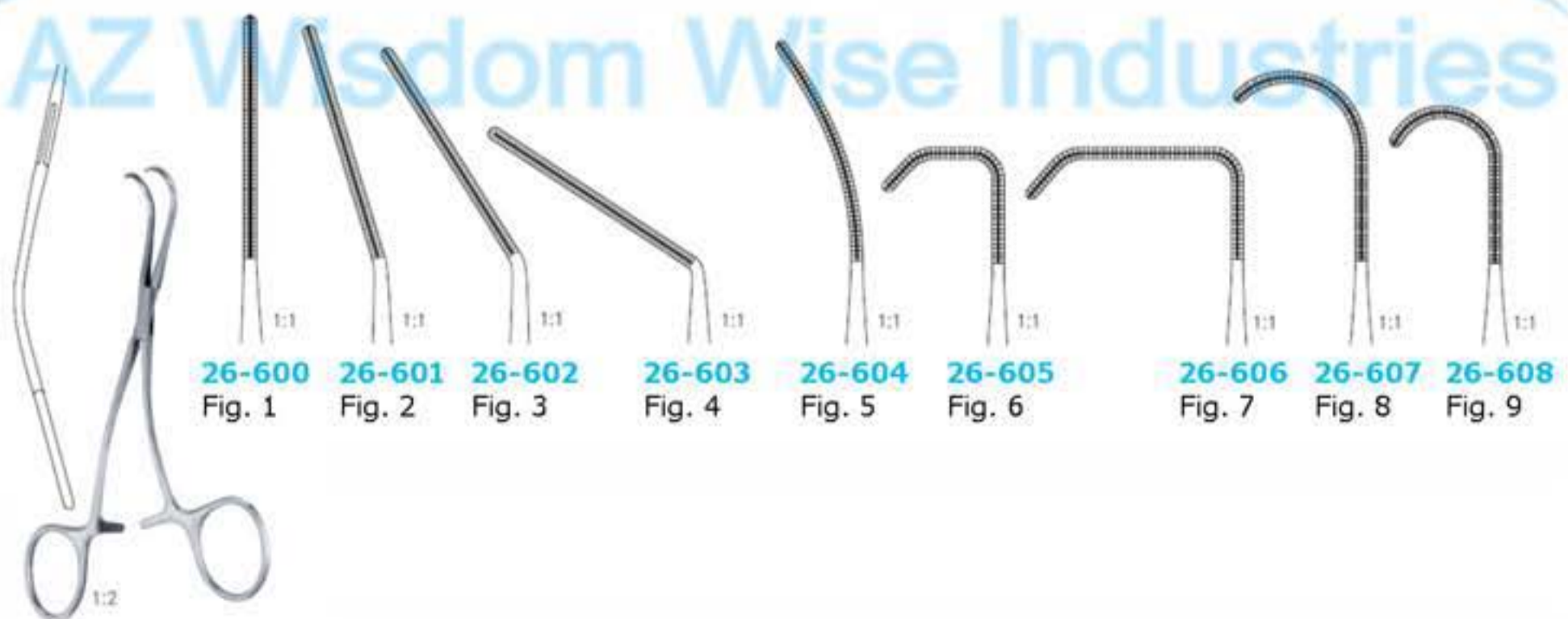
**BECK** Atraumatic



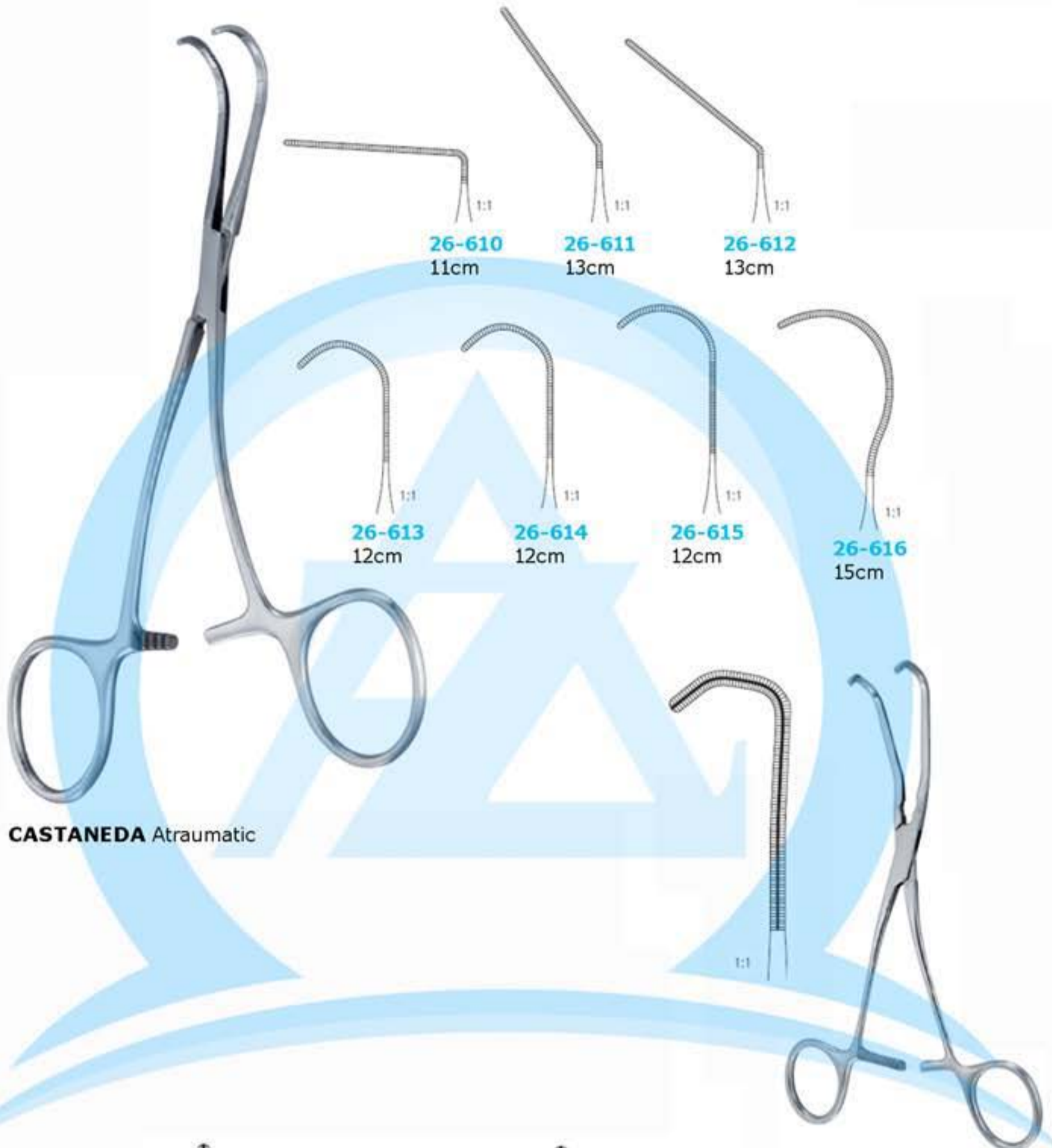
**NEONATAL AND CHILD CLAMPS**  
 Curved 11.5cm



**NEONATAL AND CHILD CLAMPS**  
 Curved 11.5cm

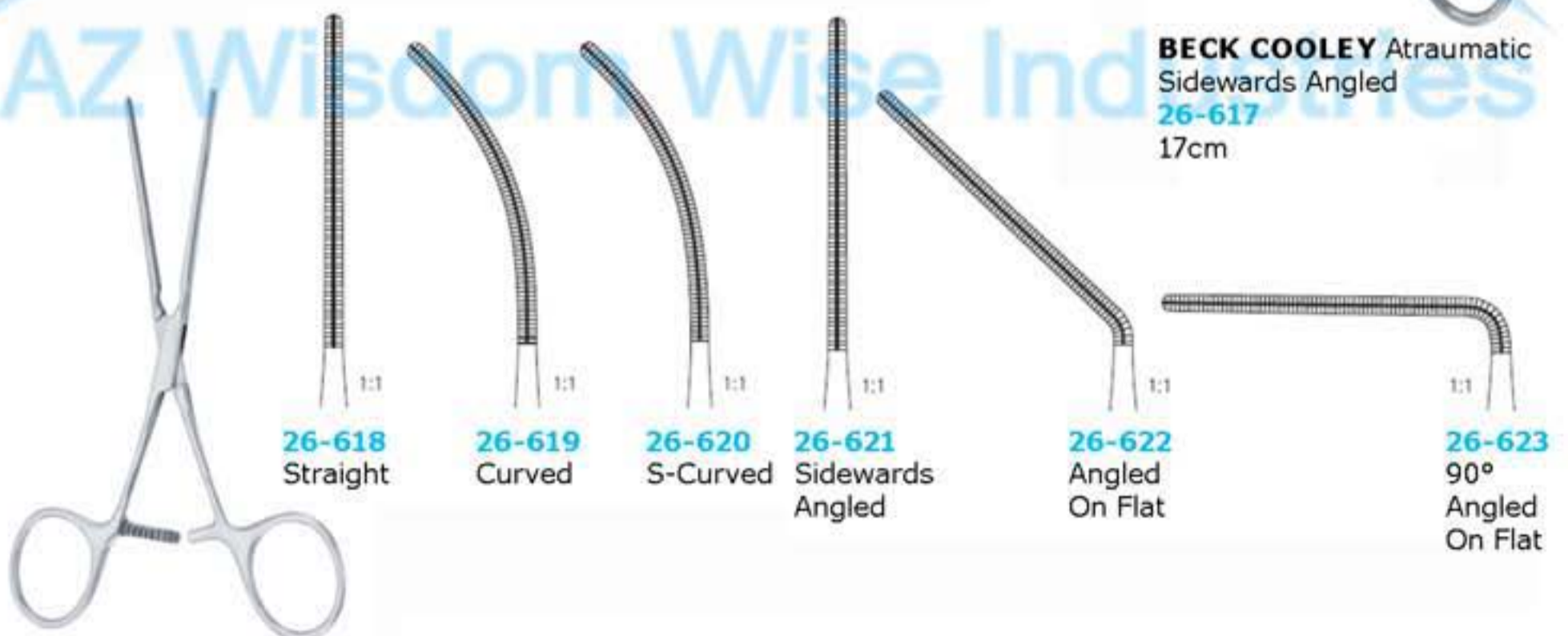


**NEONATAL AND CHILD CLAMPS**  
 Curved 11.5cm Angled On Flat



**CASTANEDA** Atraumatic

**BECK COOLEY** Atraumatic  
 Sideways Angled  
**26-617**  
 17cm



**COOLEY** Atraumatic 12cm



**COOLEY - PARRY** Atraumatic Vascular

26-625  
18cm

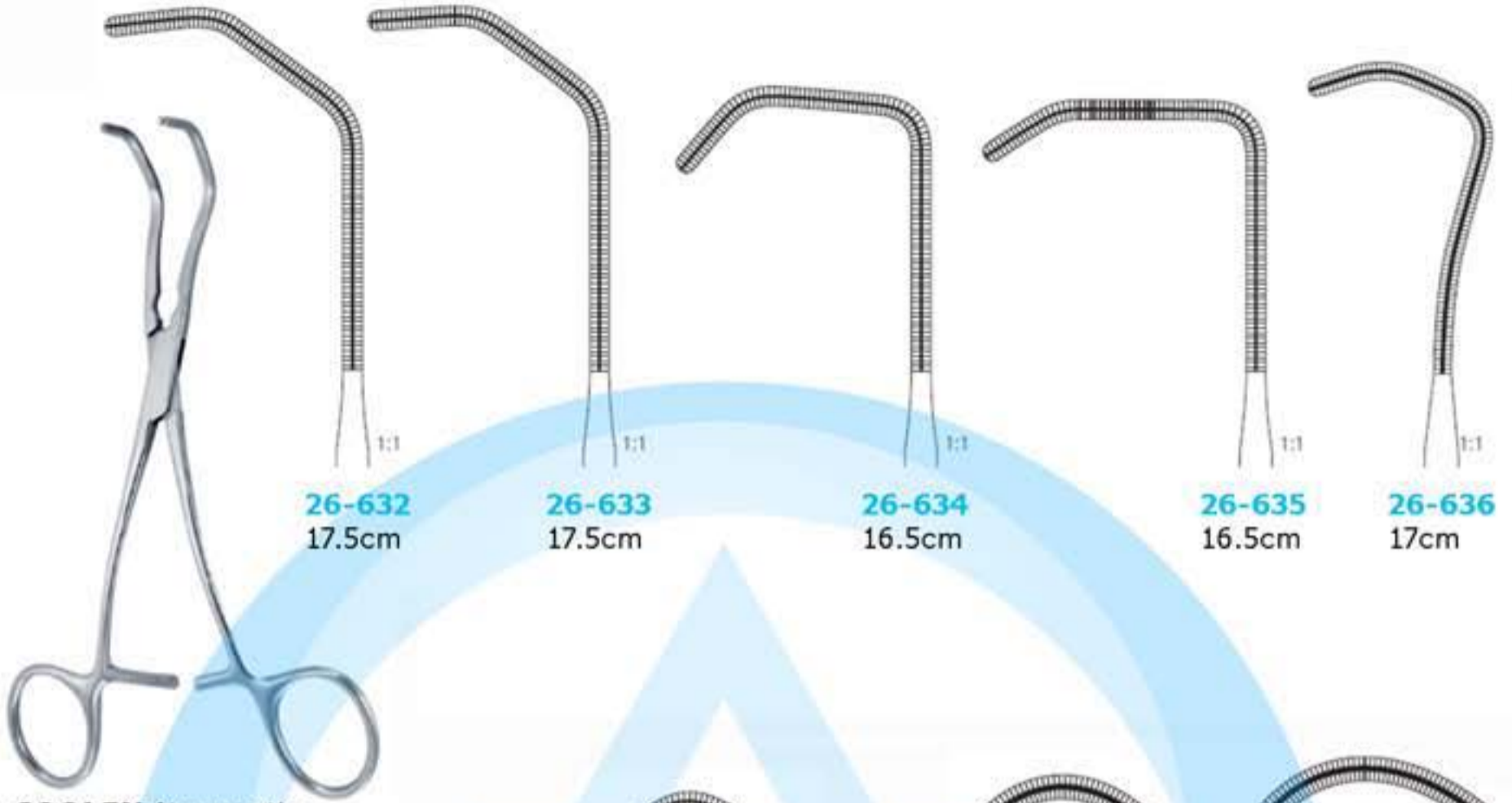
26-626  
26cm



**COOLEY** Atraumatic  
26-628  
17cm Angled



**COOLEY** Atraumatic  
26-630  
17cm Curved



**COOLEY** Atraumatic



**COOLEY - DERRA** Atraumatic

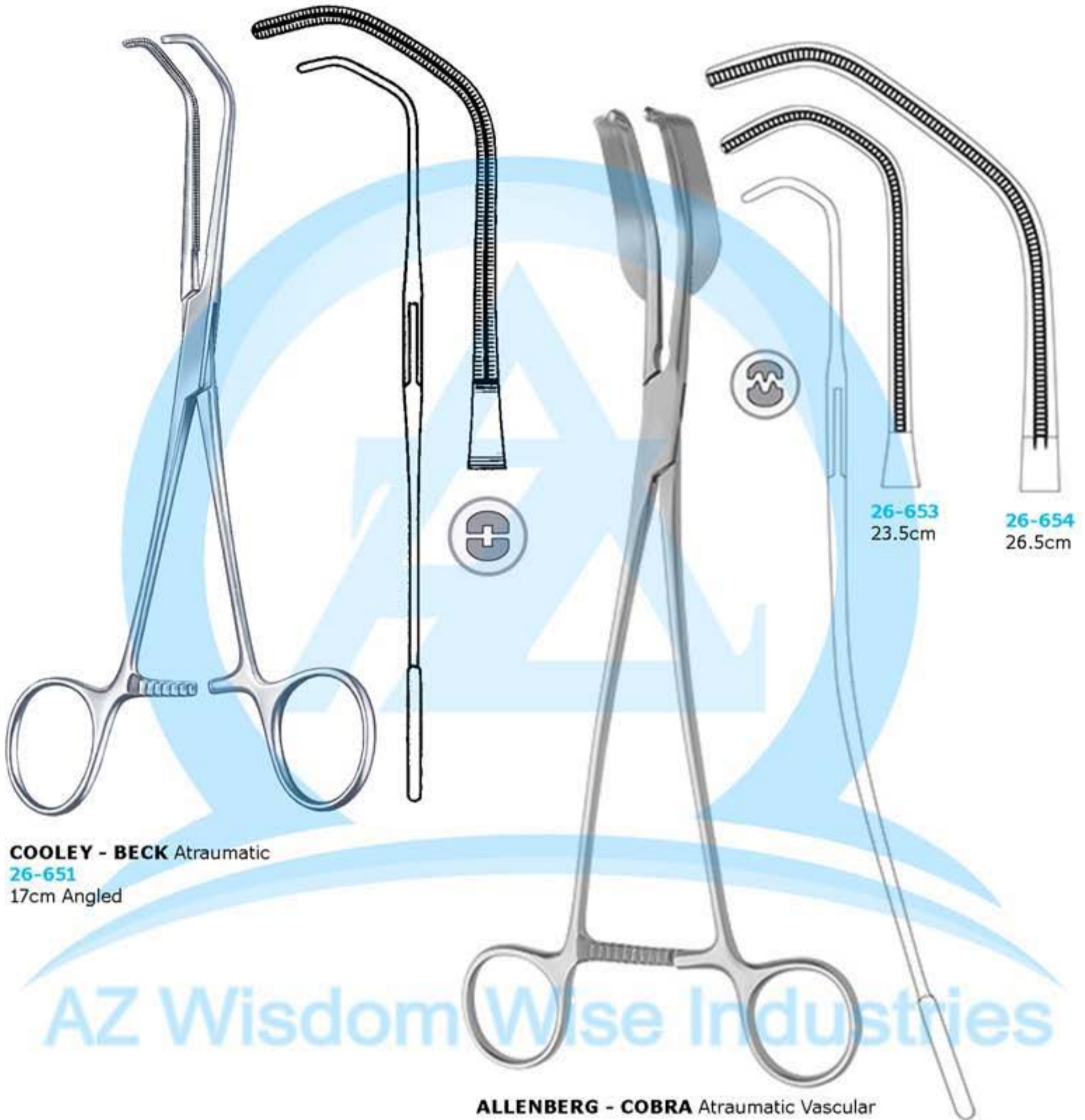
**COOLEY - BECK** Atraumatic



**COOLEY** Atraumatic



**COOLEY** Atraumatic

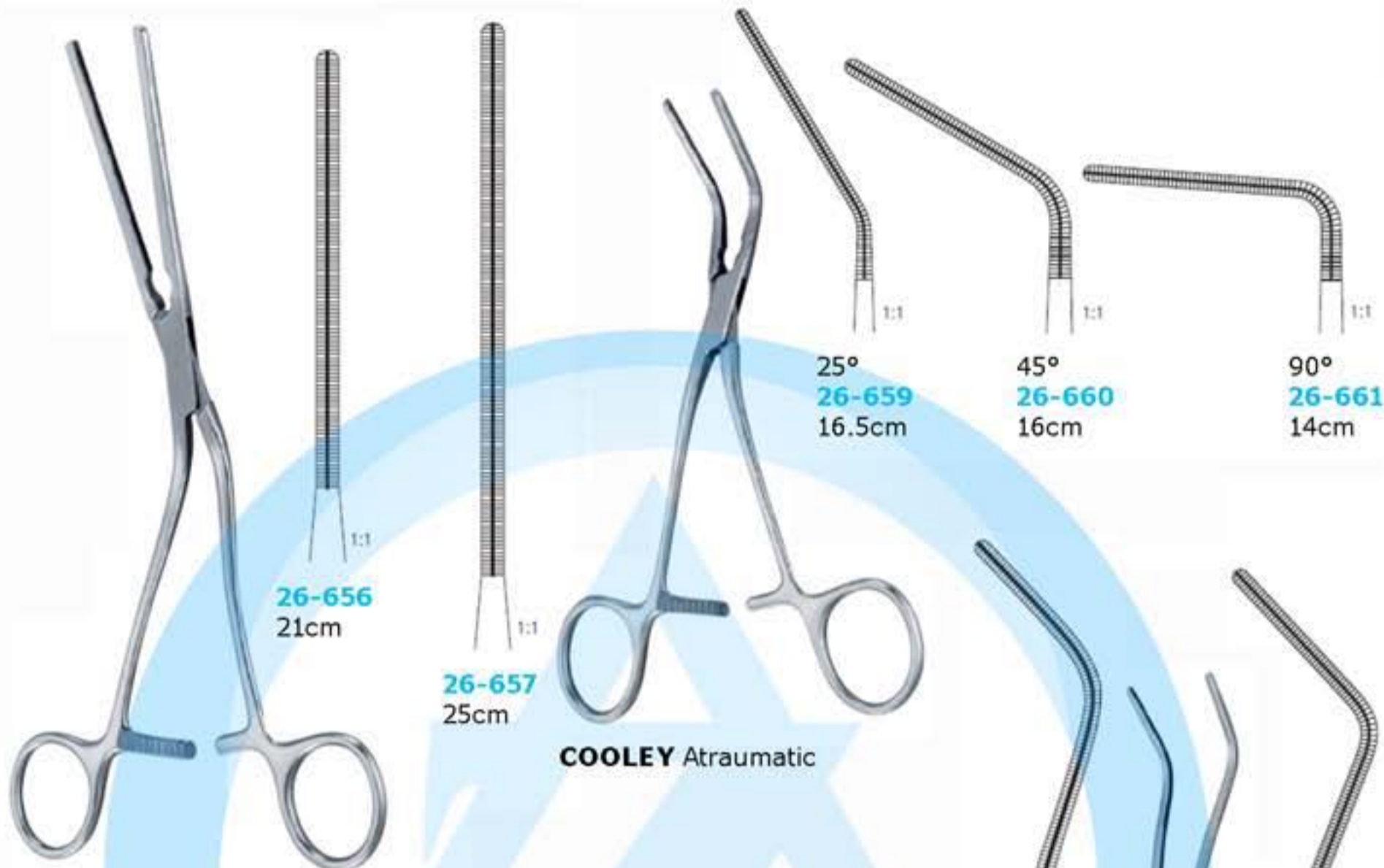


**COOLEY - BECK** Atraumatic  
26-651  
17cm Angled

26-653  
23.5cm

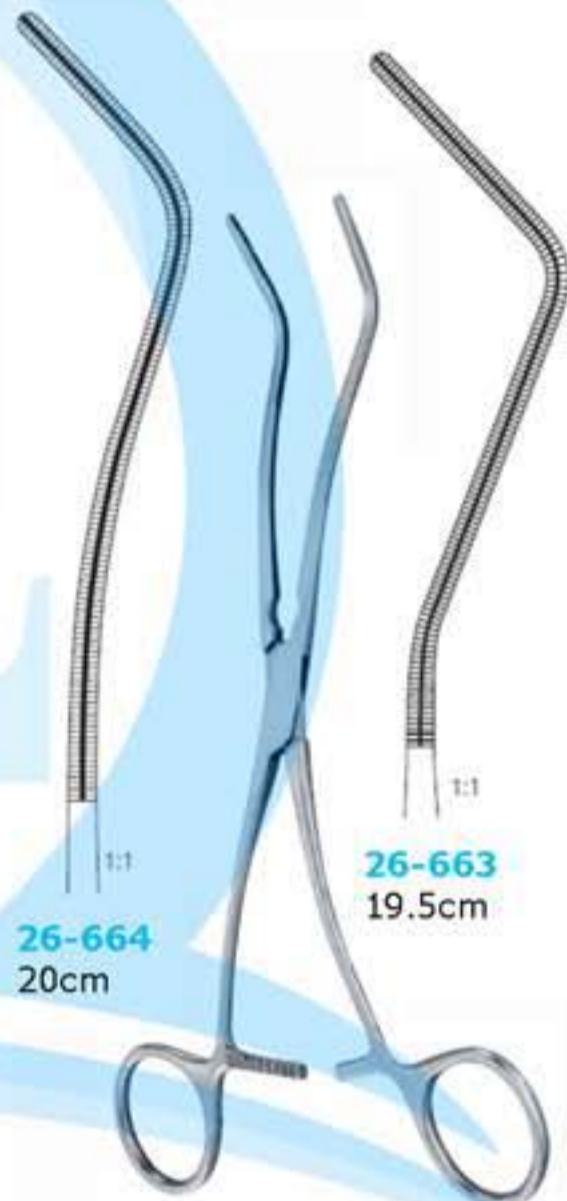
26-654  
26.5cm

**ALLENBERG - COBRA** Atraumatic Vascular



**COOLEY** Atraumatic  
 Sideways Angled On Flat

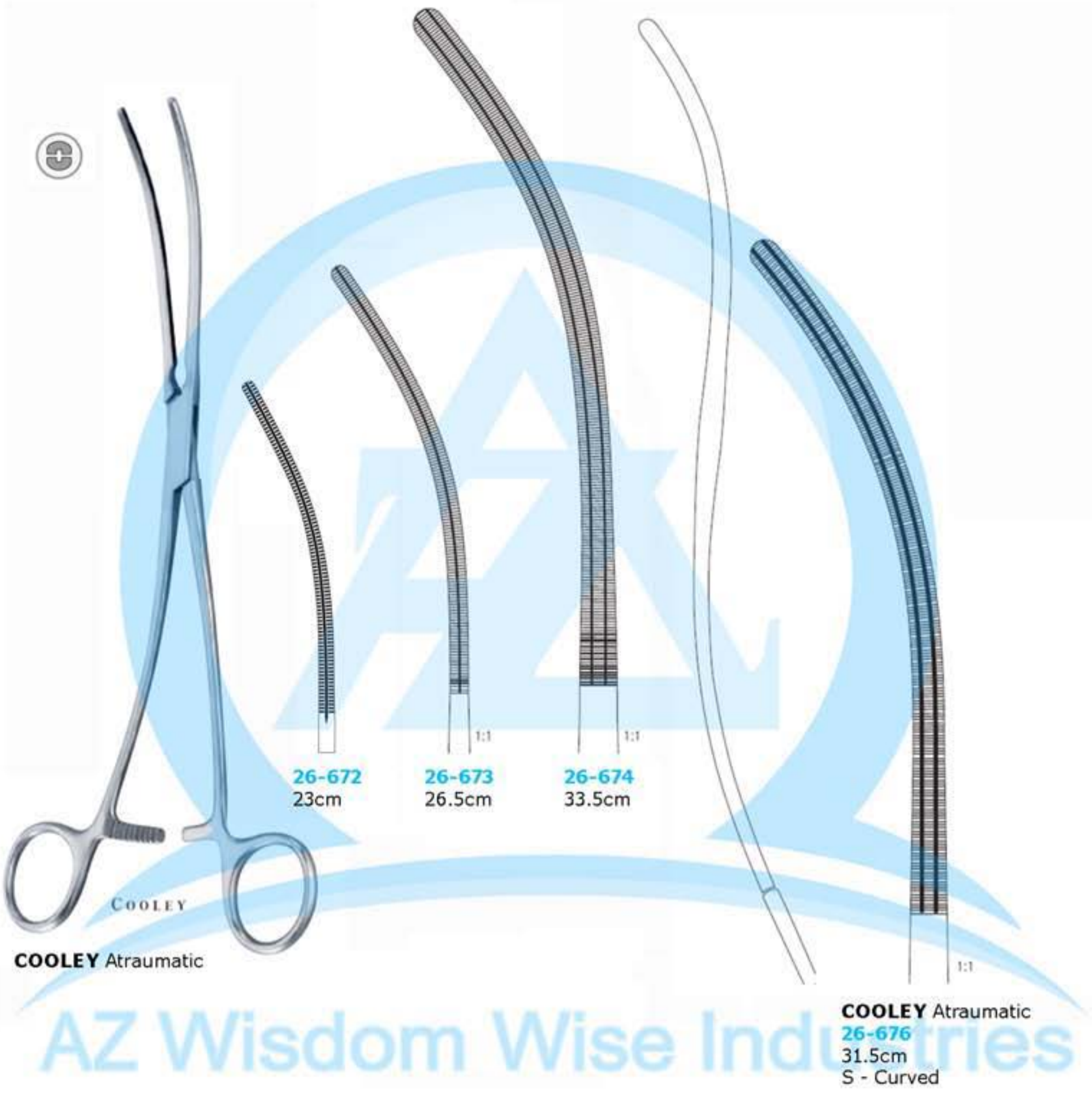
**COOLEY** Atraumatic



**COOLEY** Atraumatic



**COOLEY - TANGENTIAL** Atraumatic







**SUBRAMANIAN - MINIATURE** Atraumatic 135°  
 26-678  
 16cm  
 S - Curved

**Neonatal And Padiatric Clamps**



**SUBRAMANIAN** Right Atraumatic 16cm  
 26-680



**SUBRAMANIAN** Left Atraumatic 16cm  
 26-682



**DEBAKEY** Baby Atraumatic  
**26-684**  
16.5cm



**DEBAKEY** Baby Atraumatic  
**26-686**  
16.5cm



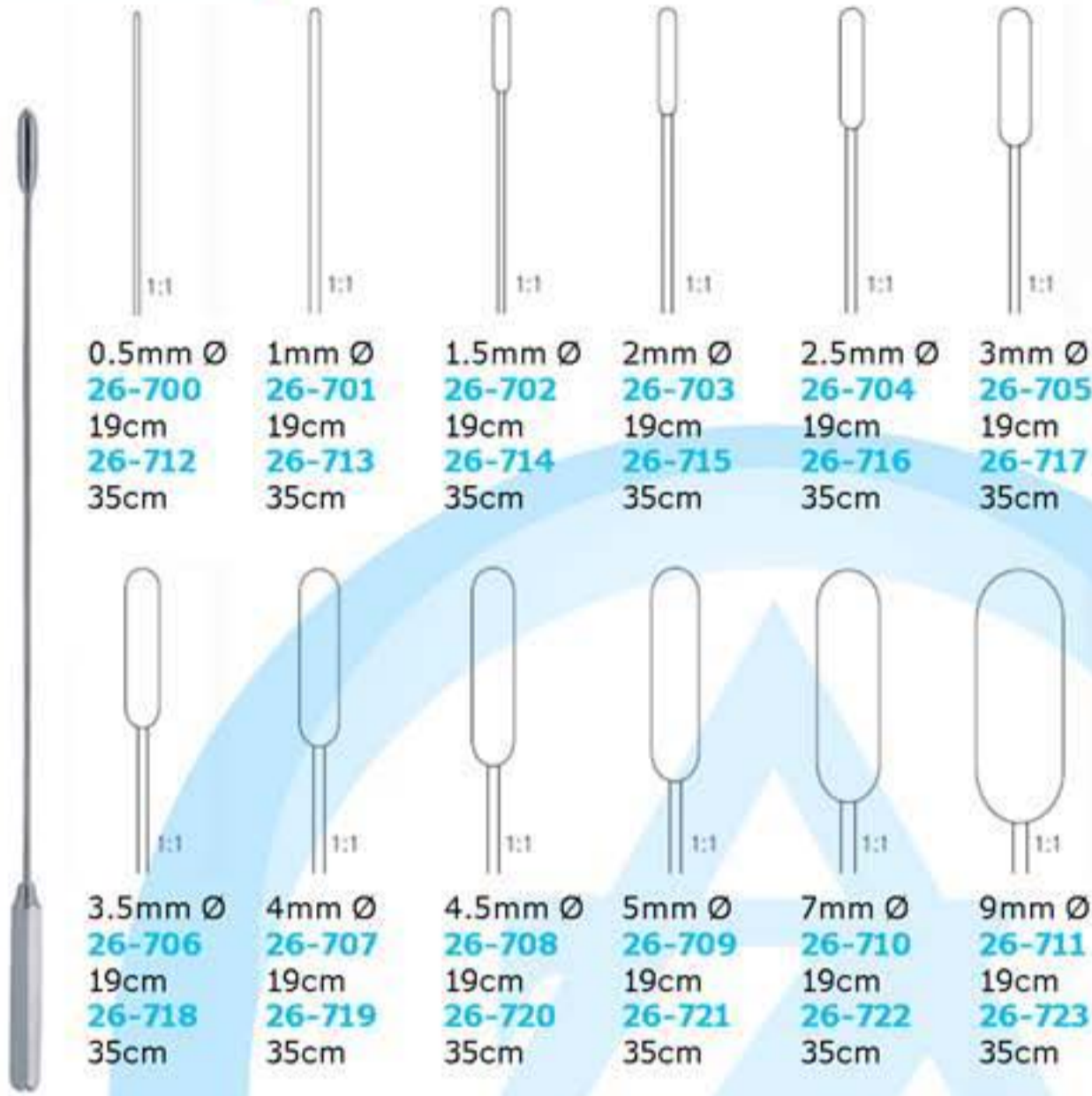
**DEBAKEY** Baby Atraumatic  
**26-688**  
15.5cm



**DEBAKEY** Baby Atraumatic  
**26-690**  
15.5cm



**DEBAKEY** Baby Atraumatic  
**26-692**  
16cm



**DEBAKEY**  
 Malleable



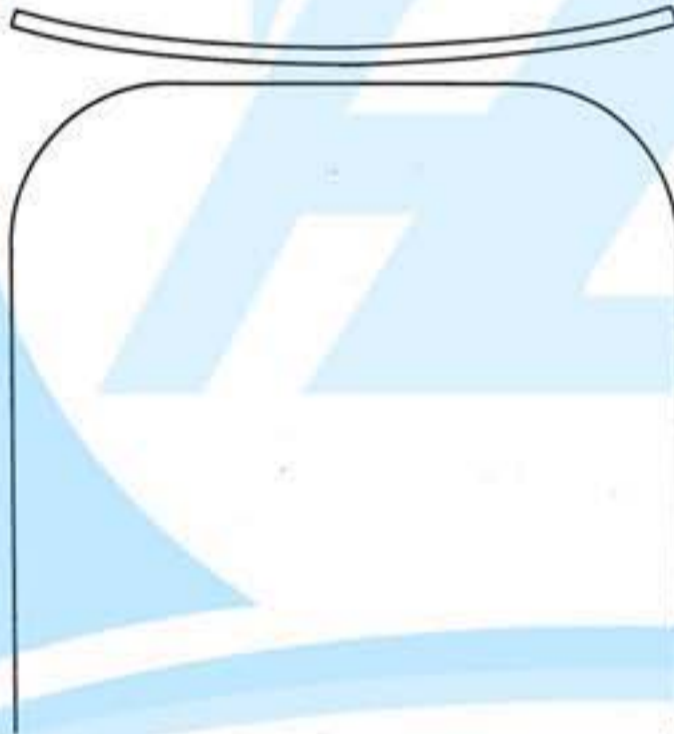
**COOLEY**  
 13cm  
 Malleable



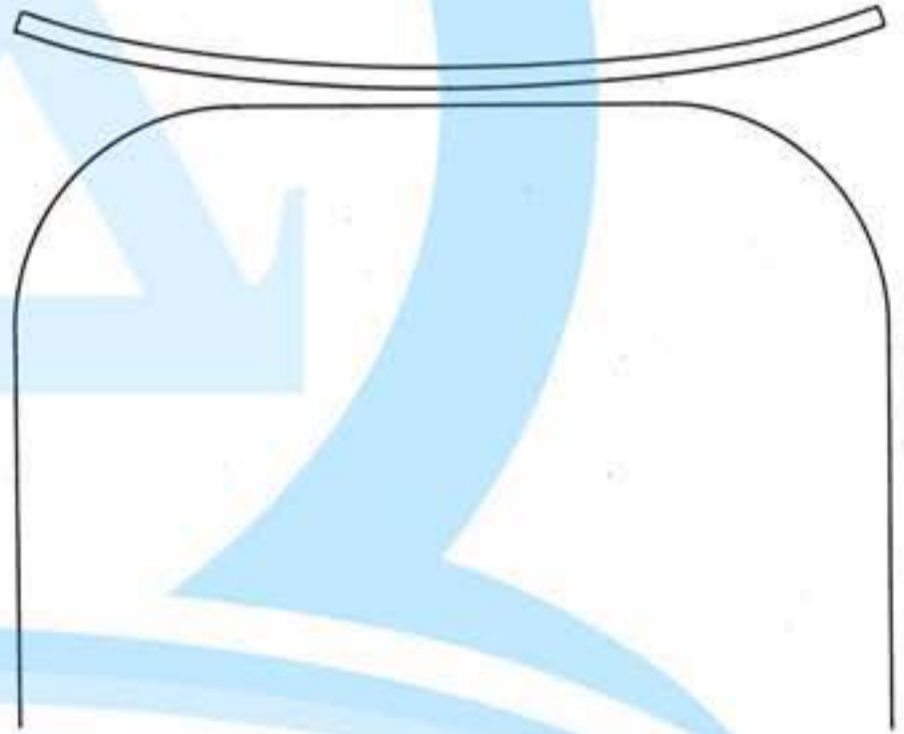
26-734  
25mm



26-735  
32mm



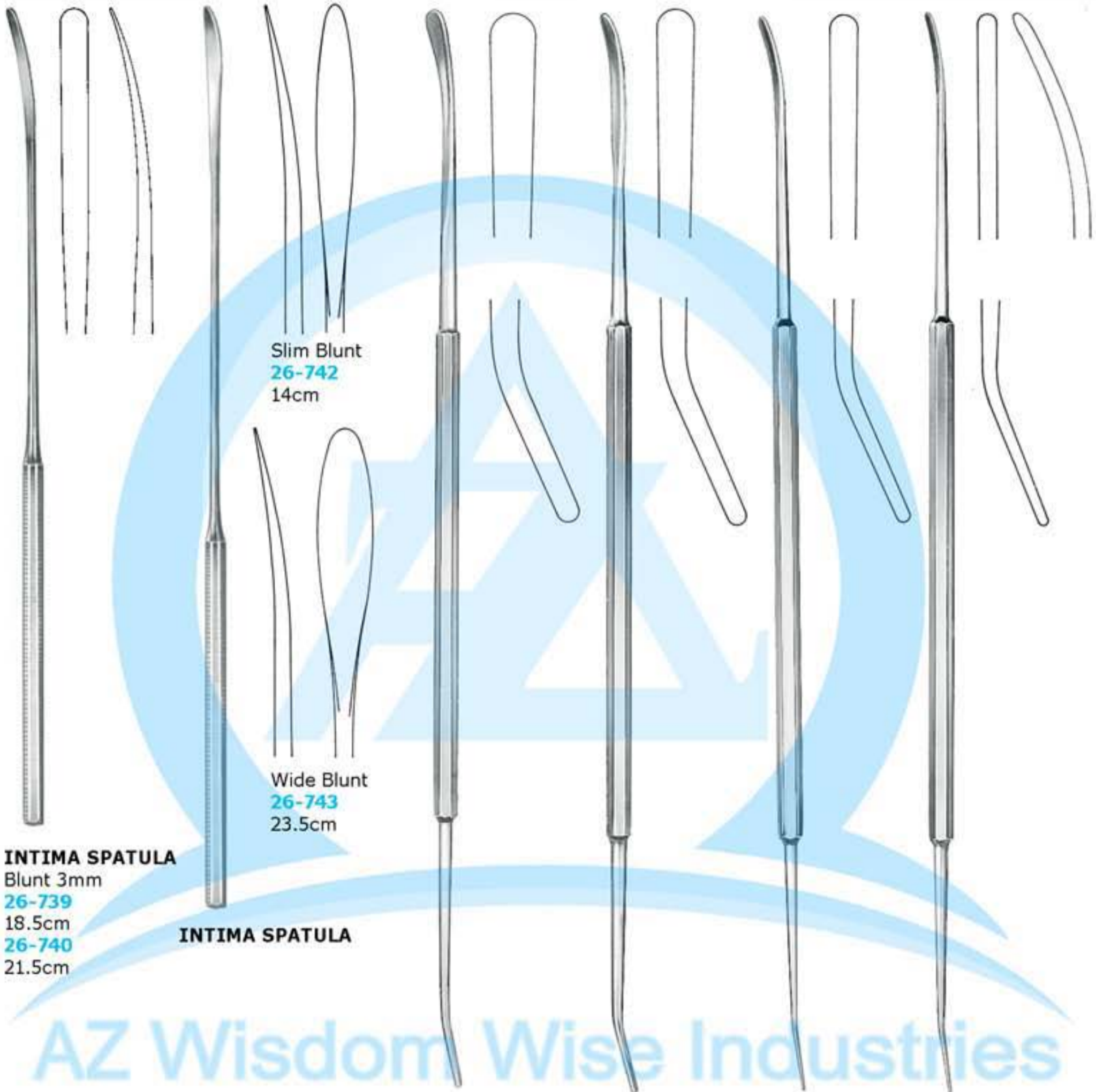
26-736  
40mm



26-737  
52mm

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**FASCIOTOMY SPATULA** HaCh  
30cm



**INTIMA SPATULA**  
 Blunt 3mm  
**26-739**  
 18.5cm  
**26-740**  
 21.5cm

Slim Blunt  
**26-742**  
 14cm

Wide Blunt  
**26-743**  
 23.5cm

**INTIMA SPATULA**

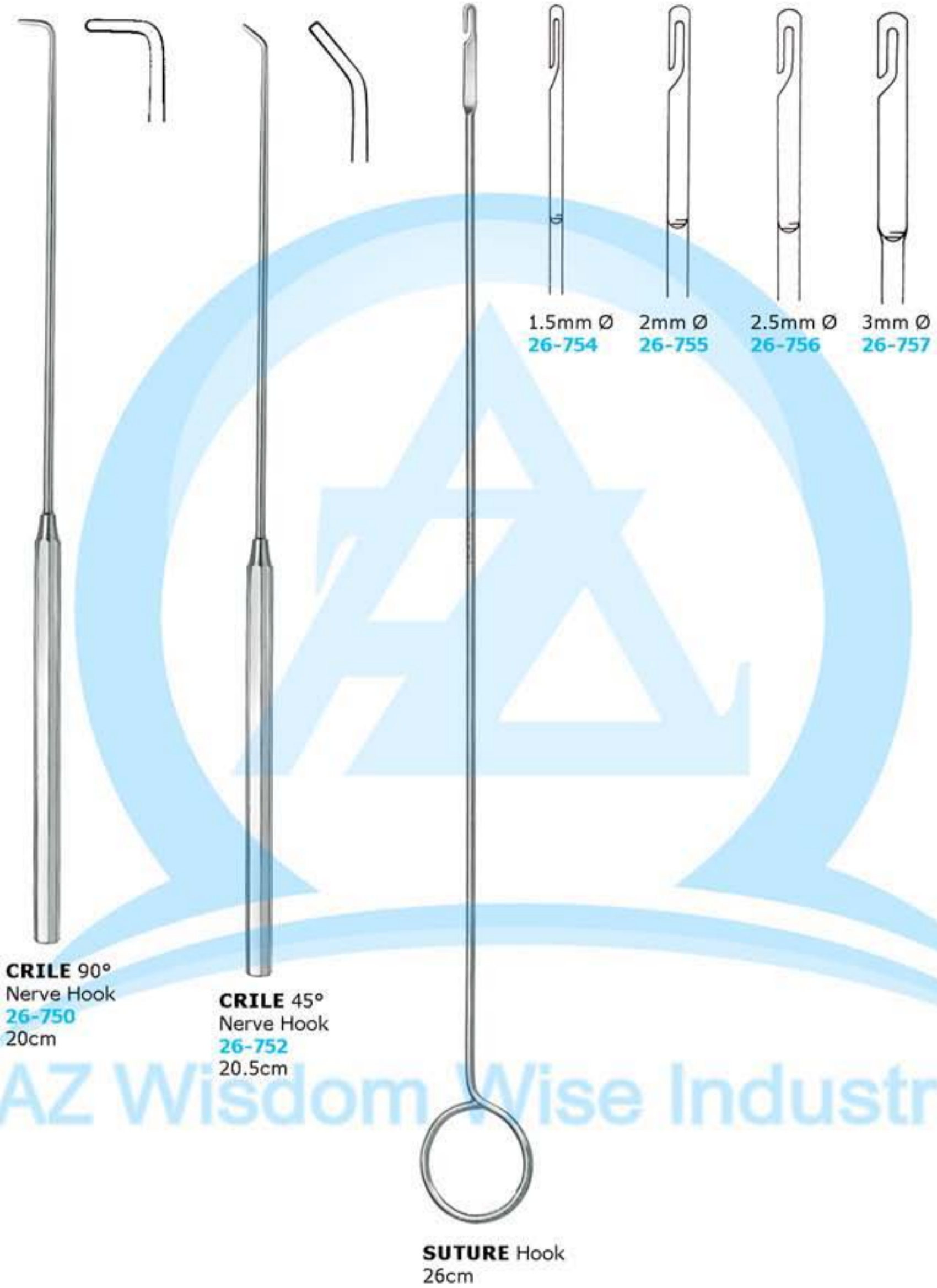
**ROBB No. 1**  
 Dissector  
 Double Ended  
**26-745**  
 24cm

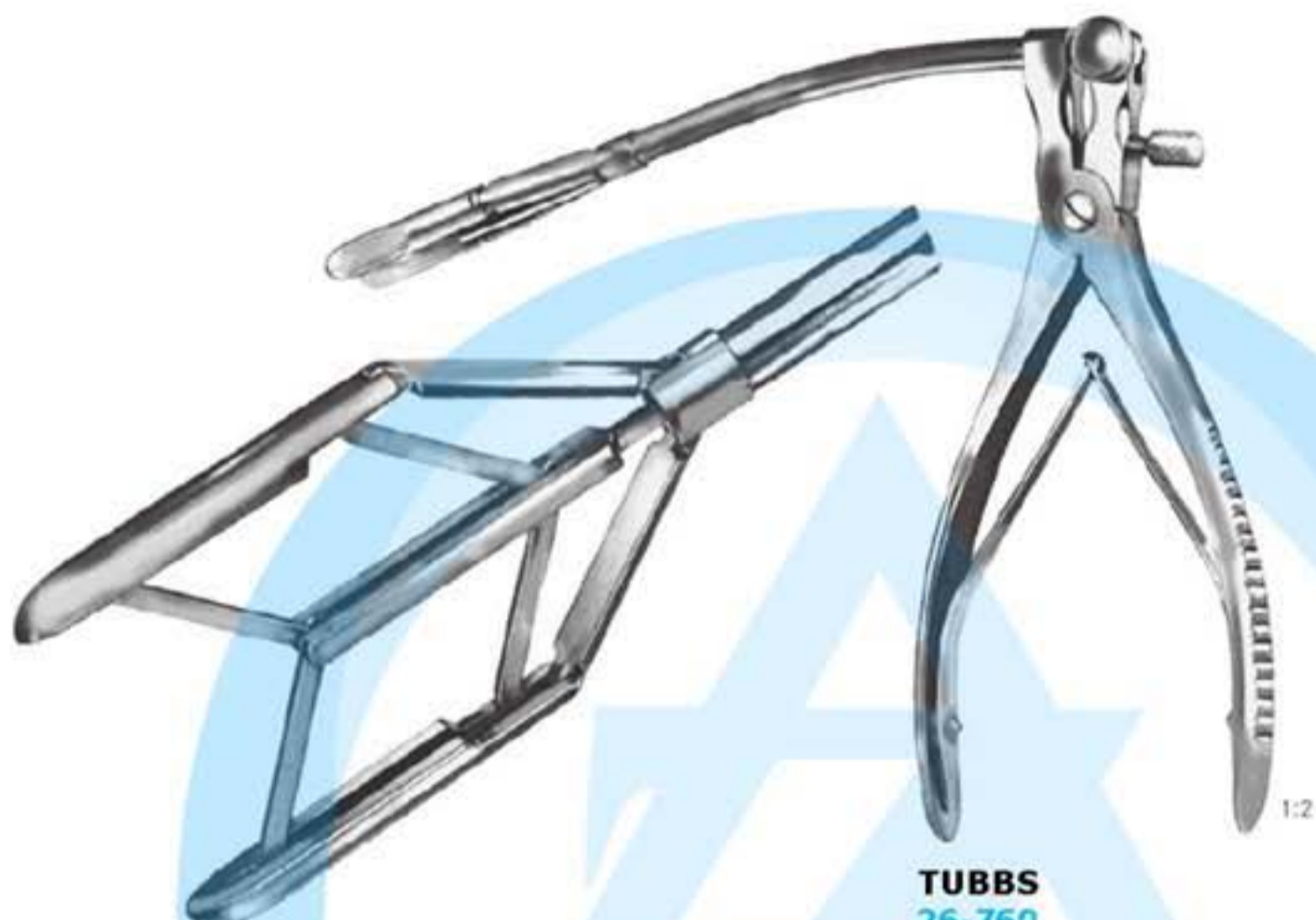
**ROBB No. 2**  
 Dissector  
 Double Ended  
**26-746**  
 24cm

**ROBB No. 3**  
 Dissector  
 Double Ended  
**26-747**  
 24cm

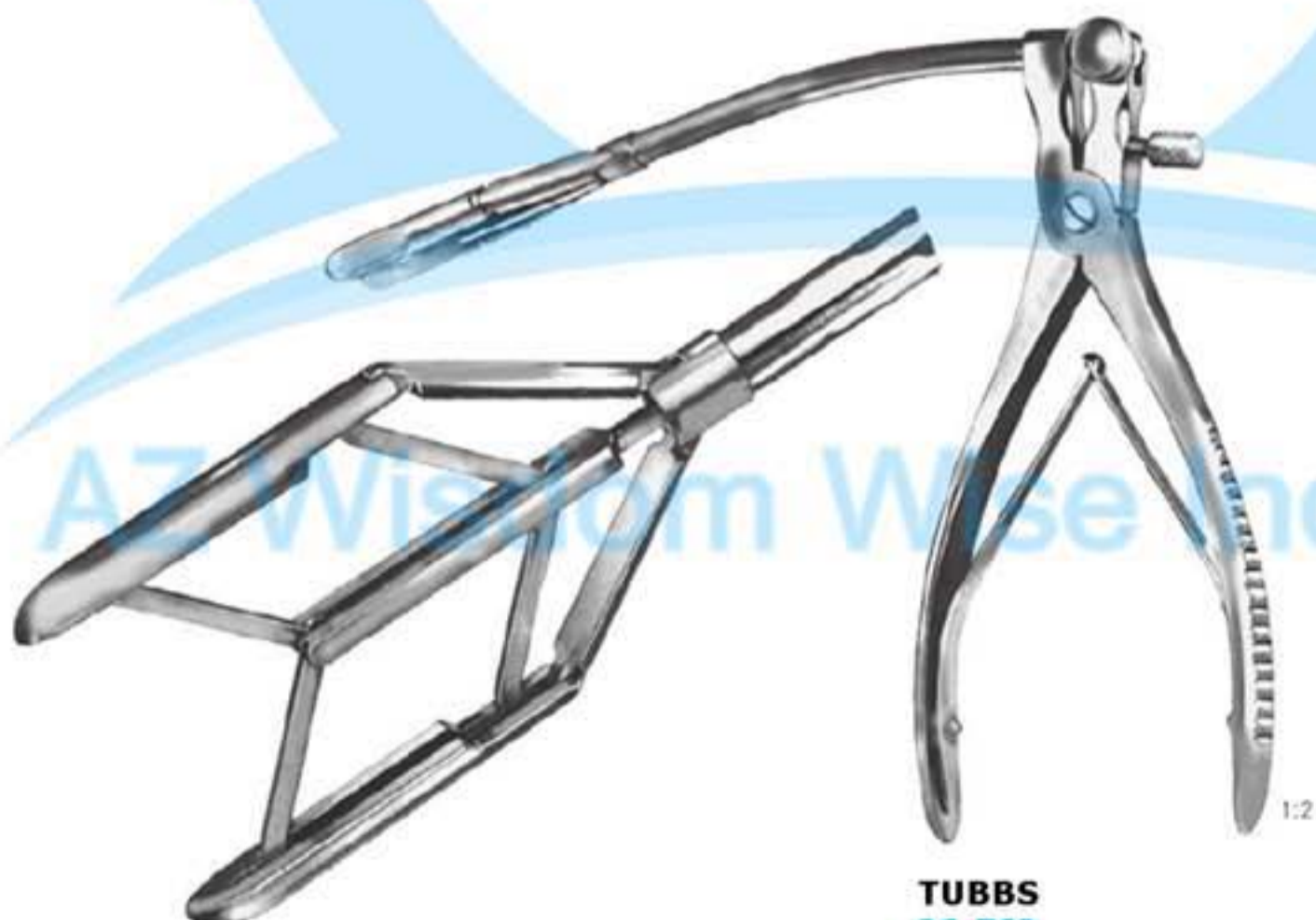
**ROBB No. 4**  
 Dissector  
 Double Ended  
**26-748**  
 24cm

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**TUBBS**  
**26-760**  
For Adults  
Blade Opening From  
8mm To 42mm

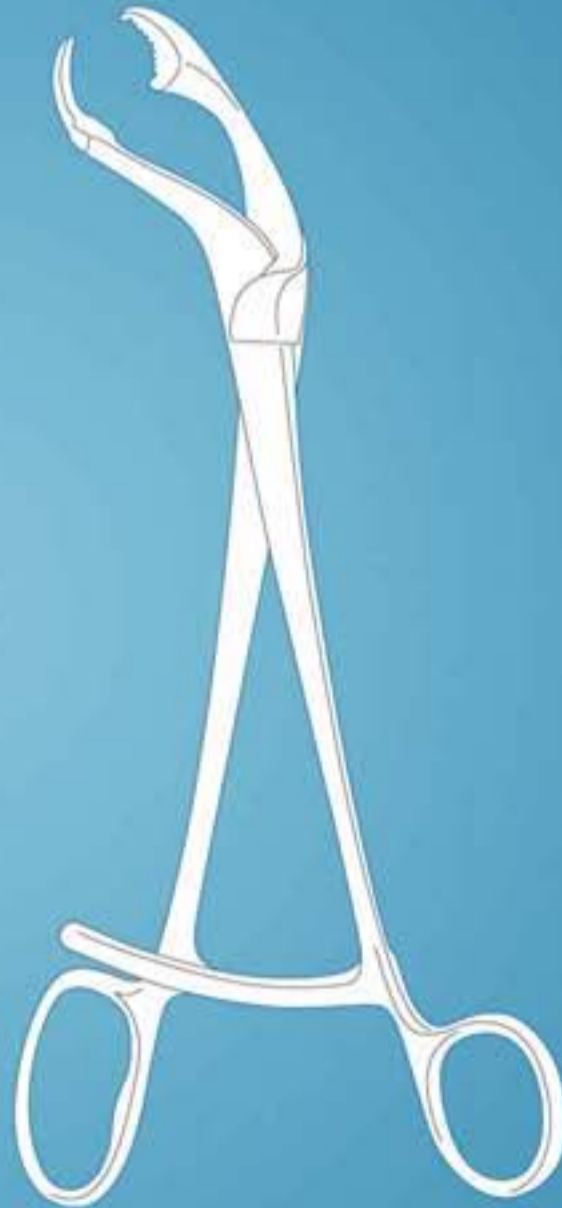


**TUBBS**  
**26-762**  
For Children  
Blade Opening From  
6mm To 15mm

**Knochenchirurgie, Orthopädisch**  
**Bone surgery, Orthopedic**  
**Chirurgie osseuse, Orthopédique**  
**Cirugía ósea, Ortopédica**  
**Chirurgia ossea, Ortopedica**

# 27

## 255 - 325







**CHARRIERE**  
27-001  
35cm

**CHARRIERE**  
Spare Saw Blades  
27-003 = 12mm  
27-005 = 15mm



**SATTERLEE**  
27-007  
31cm



**LANGENBECK**  
27-009  
23cm



**CHARRIERE**  
27-011 = 27cm  
27-013 = 30cm  
27-015 = 34cm



**HELFERICH BIER**  
27-017  
39cm

**HELFERICH BIER**  
Spare Saw Blades  
27-019 = 3mm  
27-021 = 5mm  
27-023 = 7mm





**KIRK**  
 27-042 = 19.5cm  
 Ø40mm = 690gm



**GERZOG**  
 27-044 = 18cm  
 Ø30mm = 400gm



**CERVICAL**  
 27-046 = 23cm  
 Ø25mm = 325gm  
 27-047 = 19cm  
 Ø19mm = 215gm



**COLLIN LUCAE**  
 27-049 = 21cm  
 Ø21mm = 210gm



**DOYEN**  
 27-051 = 20cm  
 Ø30mm = 170gm



**HAMMER**  
 27-053 = 24cm  
 Ø42x30mm = 530gm



**WILLIGER**  
 27-055 = 16.5cm  
 Ø20mm = 140gm



**OMBREDANNE**  
 27-057 = 23cm  
 Ø40mm = 780gm



**BERGMANN - HIBBS**  
 27-059 = 22.5cm  
 Ø40mm = 510gm



**WILLIGER**  
 27-061 = 24cm  
 Ø30mm = 380gm



**MEAD**  
 27-063 = 18cm  
 Ø26mm = 320gm



**HAMMER**  
 27-065 = 23cm  
 Ø28mm = 490gm



**NYLON HEAD Hammer**  
 Both Sides  
 27-067 = 18.5cm  
 Ø25mm = 200gm



**HEATH**  
 27-069 = 18cm  
 Ø40mm = 700gm

**HAMMER**  
 27-071 = 23cm  
 Ø40x□23mm = 350gm

**HAJEK**  
 27-073 = 22cm  
 Ø27mm = 140gm

**COTTLE**  
 27-075 = 19cm  
 Ø30mm = 240gm  
 1 Side Flat  
 1 Side Convax

**MALLET With Wooden Head**  
 27-077 = 19cm  
 Ø22mm  
**MALLET With S.S Head**  
 27-078 = 19cm  
 Ø22mm = 150gm



**GERZOG Mallet**  
 27-080 = 19cm  
 Ø25mm = 200gm

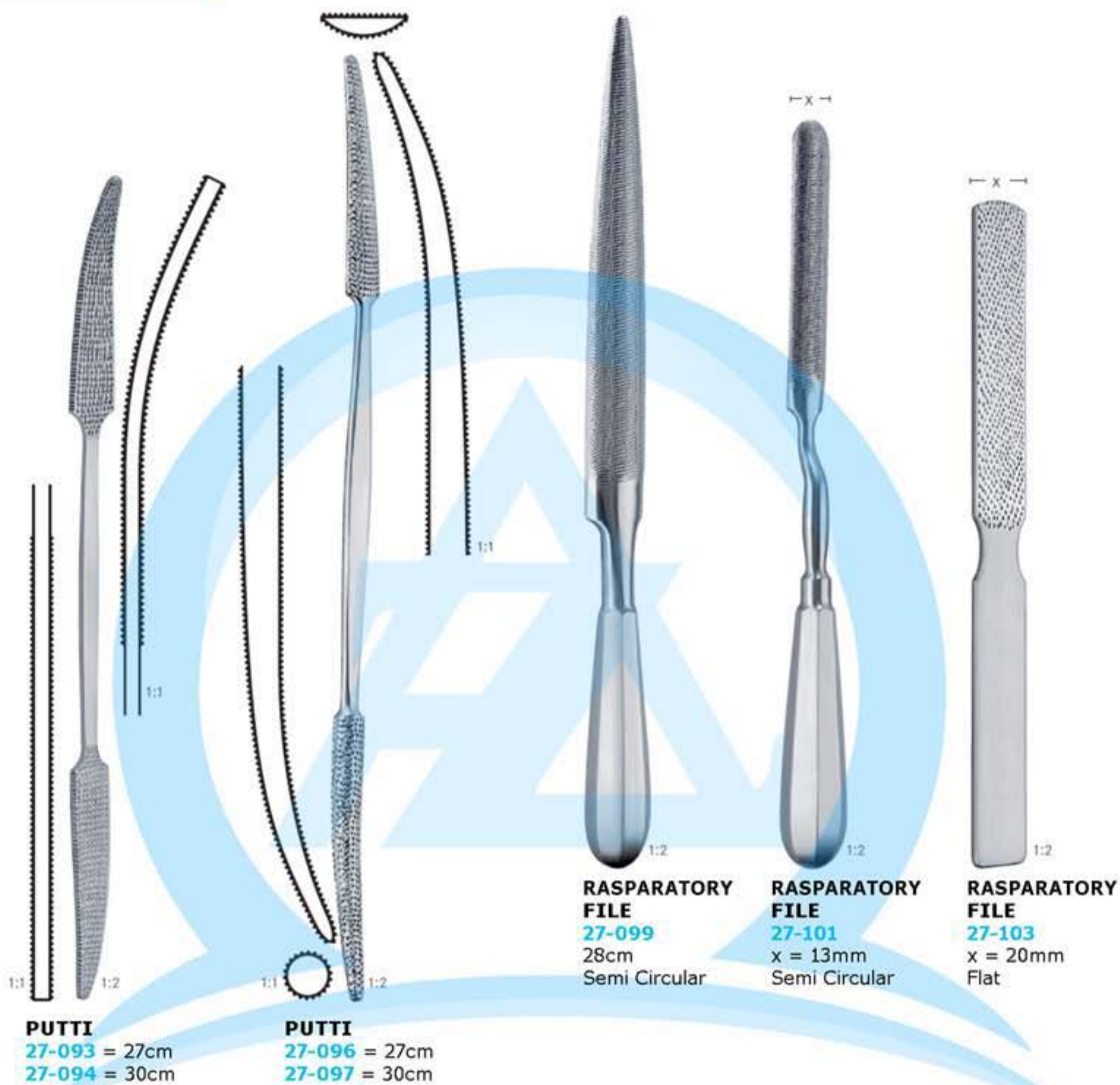
**MINI MALLET**  
 27-082 = 18cm  
 Ø22mm = 80gm

**LUCAE Bone Mallet**  
 27-084 = 19cm = 80gm  
 27-085 = 25cm = 150gm

**PARTSCH Mallet**  
 27-087 = 19cm  
 Ø22mm = 150gm

**ORTHOPEDIC Mallet**  
 Heavy weight  
 27-089 = 26cm  
 Ø48mm = 900gm

**BONE IMPACTOR**  
 Alluminium Handle  
 27-091 = 16.5cm  
 Ø20mm



**PUTTI**  
 27-093 = 27cm  
 27-094 = 30cm

**PUTTI**  
 27-096 = 27cm  
 27-097 = 30cm

**RASPARATORY FILE**  
 27-099  
 28cm  
 Semi Circular

**RASPARATORY FILE**  
 27-101  
 x = 13mm  
 Semi Circular

**RASPARATORY FILE**  
 27-103  
 x = 20mm  
 Flat

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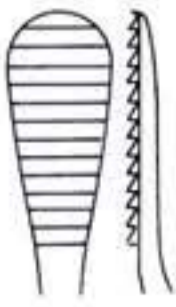


Fig. 1  
27-105

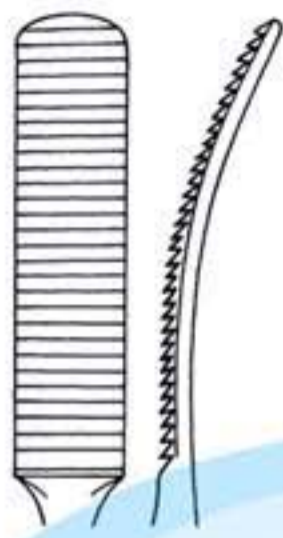


Fig. 2  
27-106

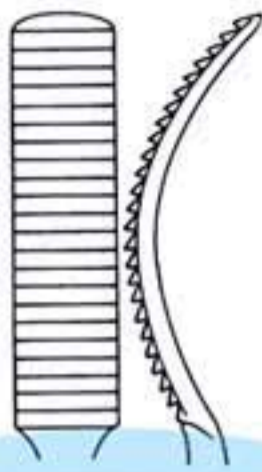


Fig. 3  
27-107

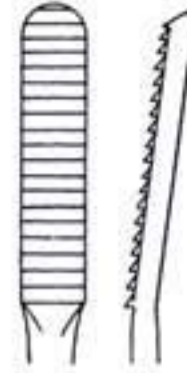
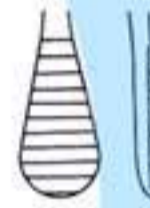
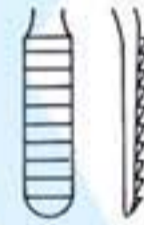
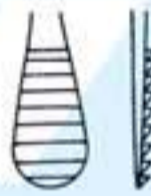
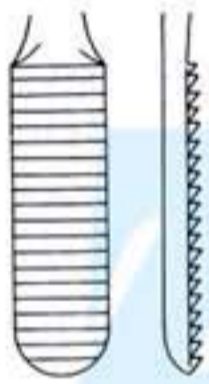


Fig. 4  
27-108



Fig. 5  
27-109



**MILLER - COLBURN**  
 Bone File  
 18cm

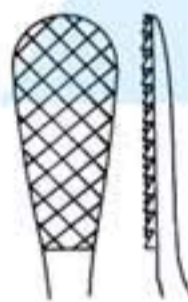


Fig. 1  
27-111

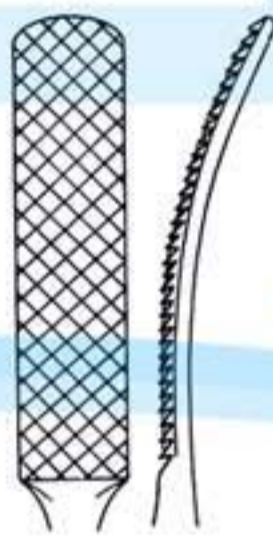


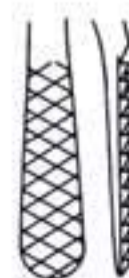
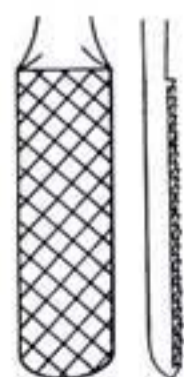
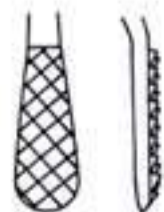
Fig. 2  
27-112



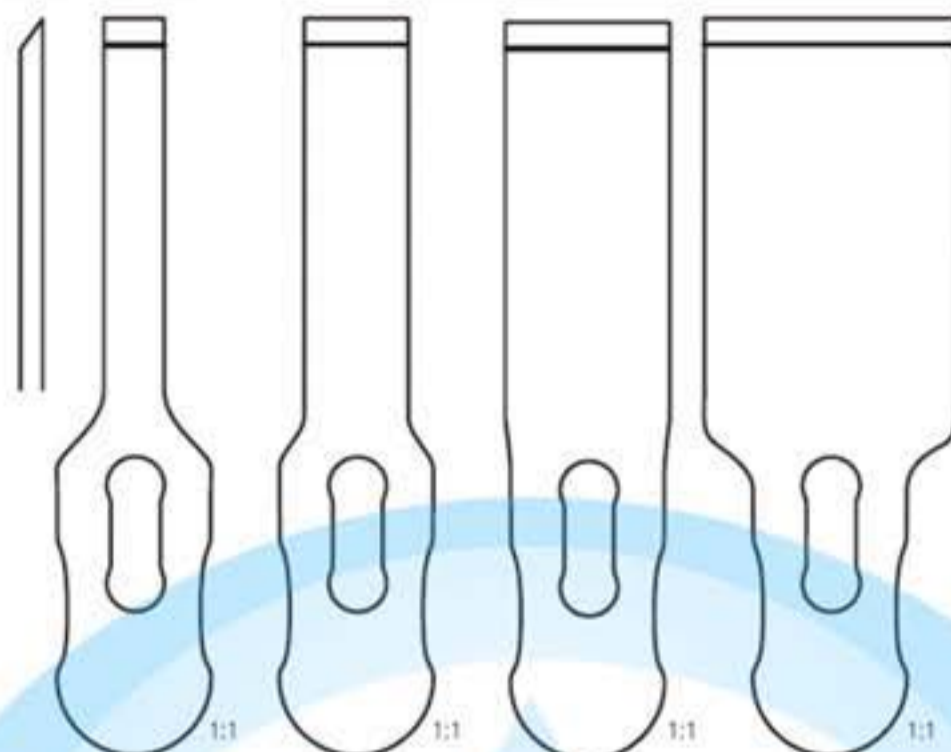
Fig. 3  
27-113



Fig. 4  
27-114

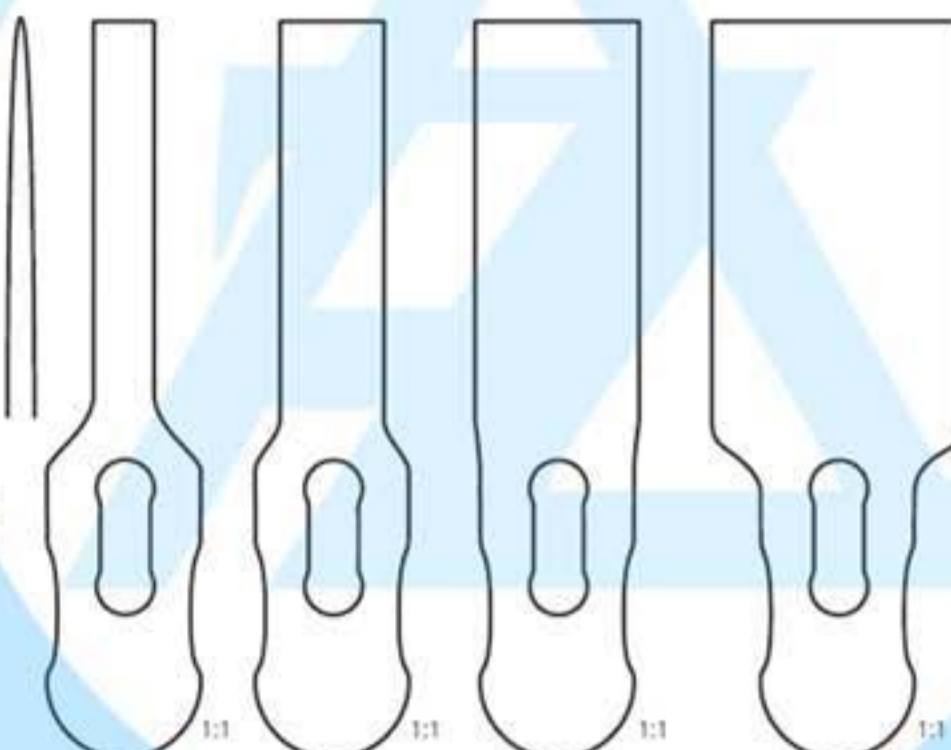


**MILLER - COLBURN**  
 Cross Serration Bone File  
 18cm



5mm **27-118** 8.5cm  
 10mm **27-119** 8.5cm  
 16mm **27-120** 8.5cm  
 25mm **27-121** 8.5cm

**Chisel Blades, Interchangeable**



5mm **27-123** 8.5cm  
 10mm **27-124** 8.5cm  
 16mm **27-125** 8.5cm  
 25mm **27-126** 8.5cm

**Osteotome Blades, Interchangeable**



**CHISEL HANDLE**  
**27-116**  
 18.5cm



**KEY**  
**27-128**  
 9cm



<b>CHISEL</b> 13.5cm <b>27-130</b> = 8mm <b>27-131</b> = 10mm <b>27-132</b> = 12mm <b>27-133</b> = 14mm <b>27-134</b> = 16mm	<b>CHISEL</b> 13.5cm <b>27-136</b> = 8mm <b>27-137</b> = 10mm <b>27-138</b> = 12mm <b>27-139</b> = 14mm <b>27-140</b> = 16mm	<b>GOUGE</b> 13.5cm <b>27-142</b> = 8mm <b>27-143</b> = 10mm <b>27-144</b> = 12mm <b>27-145</b> = 14mm <b>27-146</b> = 16mm
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<b>LUCAS</b> Chisel 16cm <b>27-148</b> = 4mm <b>27-149</b> = 6mm	<b>LUCAS</b> Gouge 16cm <b>27-151</b> = 3mm <b>27-152</b> = 4mm <b>27-153</b> = 5mm <b>27-154</b> = 6mm
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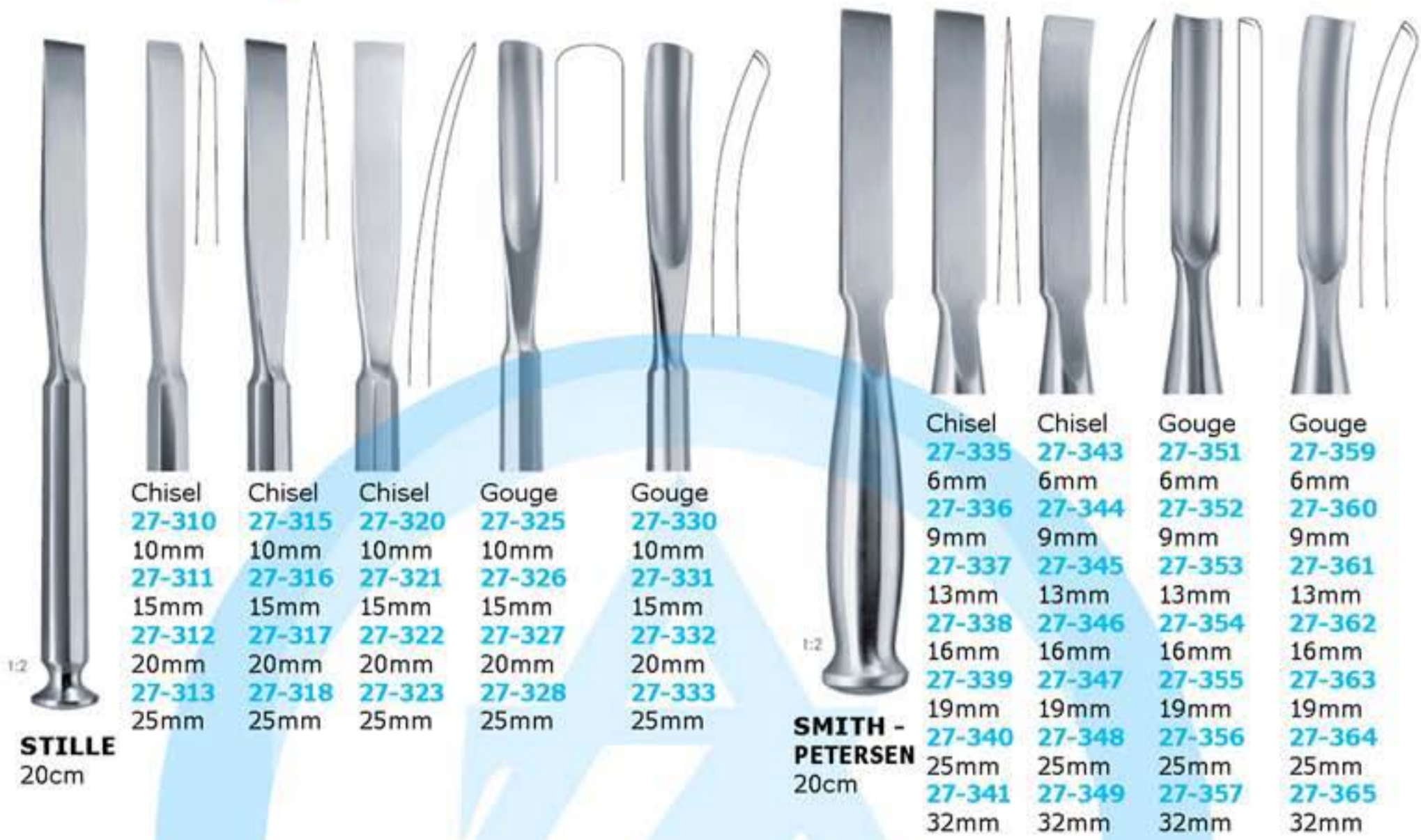
<b>ALEXANDER</b> Chisel 18cm <b>27-156</b> = 4mm <b>27-157</b> = 6mm <b>27-158</b> = 8mm <b>27-159</b> = 10mm <b>27-160</b> = 12mm <b>27-161</b> = 14mm	<b>ALEXANDER</b> Gouge 18cm <b>27-163</b> = 4mm <b>27-164</b> = 6mm <b>27-165</b> = 8mm <b>27-166</b> = 10mm <b>27-167</b> = 12mm <b>27-168</b> = 14mm
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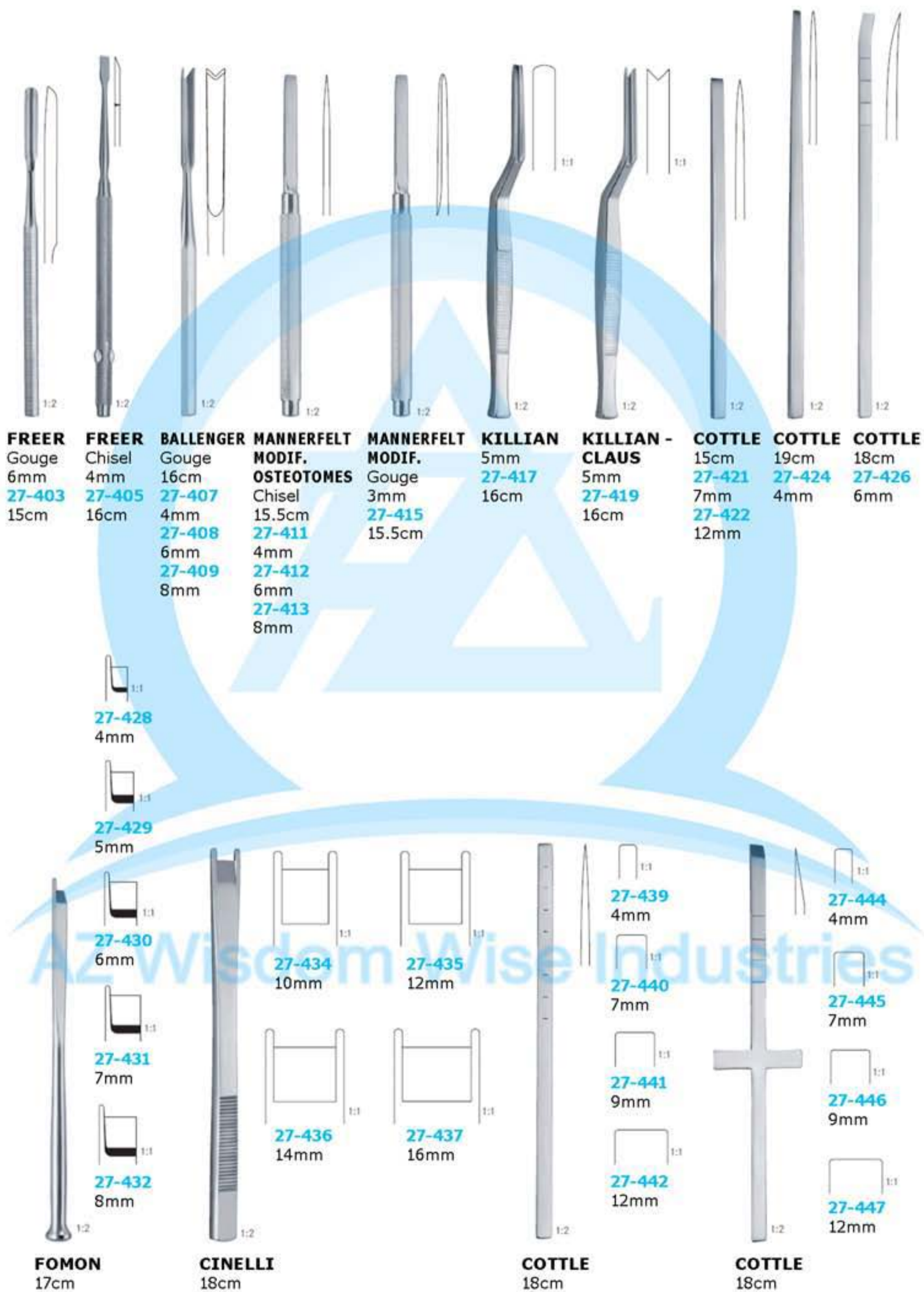
<b>PARTSCH</b> Chisel 11.5cm	<b>PPARTSCH</b> Chisel 13.5cm	<b>PARTSCH</b> Chisel 17cm	<b>PARTSCH</b> Gouge 11.5cm	<b>PARTSCH</b> Gouge 13.5cm	<b>PARTSCH</b> Gouge 17cm	<b>MINI - LEXER</b> Chisel 18cm	<b>MINI - LEXER</b> Gouge 18cm
27-170 = 2mm	27-180 = 2mm	27-190 = 2mm	27-200 = 2mm	27-210 = 2mm	27-220 = 2mm	27-230 = 4mm	27-236 = 4mm
27-171 = 3mm	27-181 = 3mm	27-191 = 3mm	27-201 = 3mm	27-211 = 3mm	27-221 = 3mm	27-231 = 6mm	27-237 = 6mm
27-172 = 4mm	27-182 = 4mm	27-192 = 4mm	27-202 = 4mm	27-212 = 4mm	27-222 = 4mm	27-232 = 8mm	27-238 = 8mm
27-173 = 5mm	27-183 = 5mm	27-193 = 5mm	27-203 = 5mm	27-213 = 5mm	27-223 = 5mm	27-233 = 10mm	27-239 = 10mm
27-174 = 6mm	27-184 = 6mm	27-194 = 6mm	27-204 = 6mm	27-214 = 6mm	27-224 = 6mm	27-234 = 12mm	27-240 = 12mm
27-175 = 7mm	27-185 = 7mm	27-195 = 7mm	27-205 = 7mm	27-215 = 7mm	27-225 = 7mm	Ferozell Handle	Ferozell Handle
27-176 = 8mm	27-186 = 8mm	27-196 = 8mm	27-206 = 8mm	27-216 = 8mm	27-226 = 8mm		

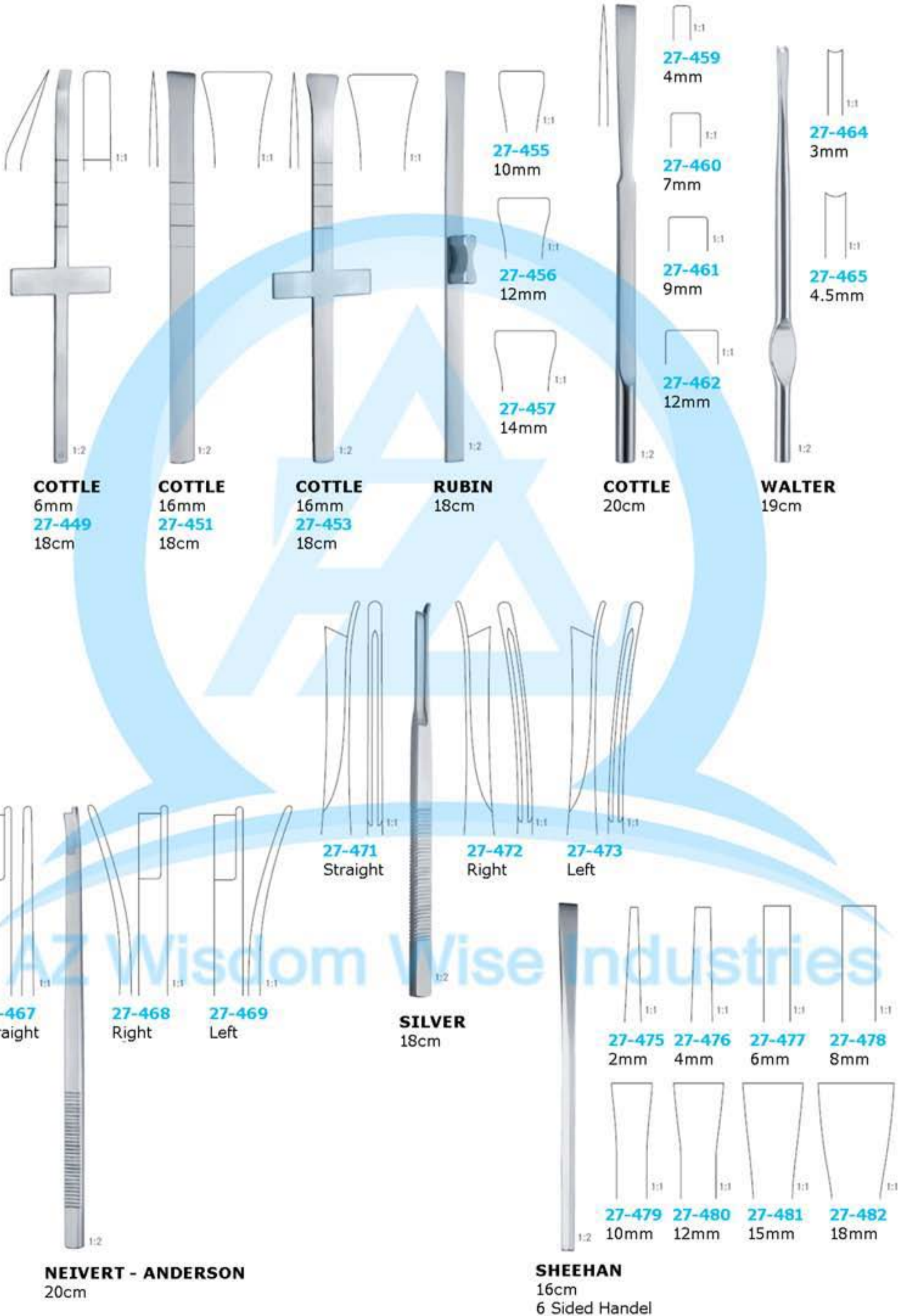


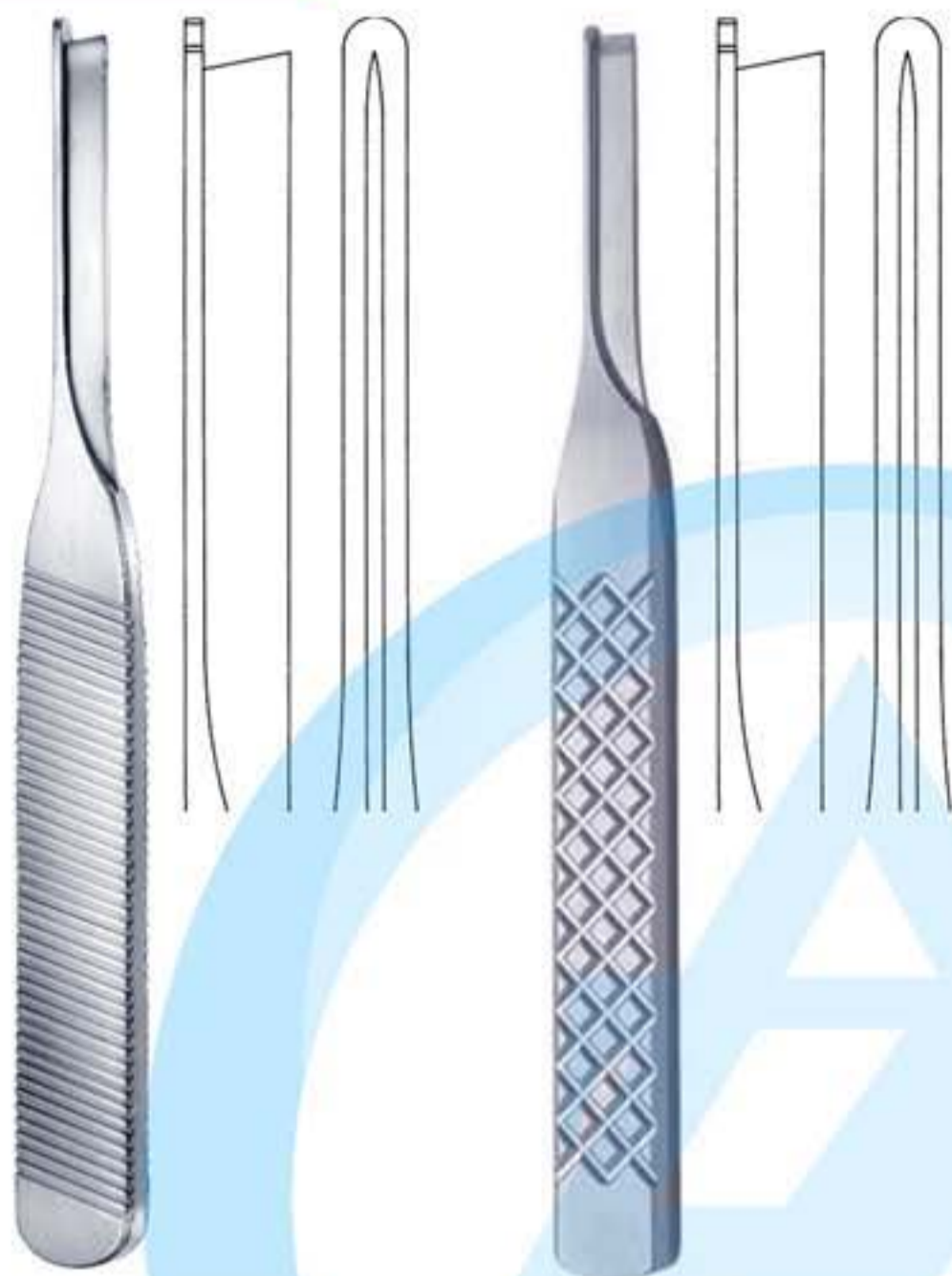
<b>LAMBOTTE Straight</b> Chisel 25cm	<b>LAMBOTTE Curved</b> Chisel 25cm	<b>MINI - LAMBOTTE</b> Chisel 12.5cm	<b>MINI - LAMBOTTE</b> Chisel 17cm	<b>LEXER</b> Chisel 22cm	<b>LEXER</b> Chisel 30cm	<b>LEXER</b> Gouge 22cm	<b>LEXER</b> Gouge 30cm
27-243 = 6mm	27-255 = 6mm	27-267 = 3mm	27-274 = 3mm	27-282 = 7mm	27-289 = 7mm	27-296 = 7mm	27-303 = 7mm
27-244 = 8mm	27-256 = 8mm	27-268 = 4mm	27-275 = 4mm	27-283 = 10mm	27-290 = 10mm	27-297 = 10mm	27-304 = 10mm
27-245 = 10mm	27-257 = 10mm	27-269 = 6mm	27-276 = 6mm	27-284 = 15mm	27-291 = 15mm	27-298 = 15mm	27-305 = 15mm
27-246 = 13mm	27-258 = 13mm	27-270 = 8mm	27-277 = 8mm	27-285 = 20mm	27-292 = 20mm	27-299 = 20mm	27-306 = 20mm
27-247 = 15mm	27-259 = 15mm	27-271 = 10mm	27-278 = 10mm	27-286 = 25mm	27-293 = 25mm	27-300 = 25mm	27-307 = 25mm
27-248 = 20mm	27-260 = 20mm	27-272 = 12mm	27-279 = 12mm	27-287 = 30mm	27-294 = 30mm	27-301 = 30mm	27-308 = 30mm
27-249 = 25mm	27-261 = 25mm	27-273 = 15mm	27-280 = 15mm	Ferozell Handle	Ferozell Handle	Ferozell Handle	Ferozell Handle
27-250 = 30mm	27-262 = 30mm						
27-251 = 38mm	27-263 = 38mm						
27-252 = 44mm	27-264 = 44mm						
27-253 = 50mm	27-265 = 50mm						











**PARKES OSTEOTOME**

Straight  
27-484  
16cm

**PARKES OSTEOTOME**

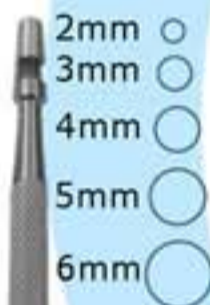
Straight  
27-486  
16cm

AZ Wisdom Wise Industries



Fig. 1 27-488 Ø 2mm  
 Fig. 2 27-489 Ø 3mm  
 Fig. 3 27-490 Ø 4mm  
 Fig. 4 27-491 Ø 5mm  
 Fig. 5 27-492 Ø 7mm  
 Fig. 6 27-493 Ø 8mm  
 Fig. 7 27-494 Ø 10mm

**BONE TAMPS** 16cm  
 Cross Serrated Tips



**KEY** 9cm  
 27-511 = Ø 2mm  
 27-512 = Ø 3mm  
 27-513 = Ø 4mm  
 27-514 = Ø 5mm  
 27-515 = Ø 6mm



Fig. 1 27-496 Ø 3mm  
 Fig. 2 27-497 Ø 5mm  
 Fig. 3 27-498 Ø 7mm  
 Fig. 4 27-499 Ø 9mm

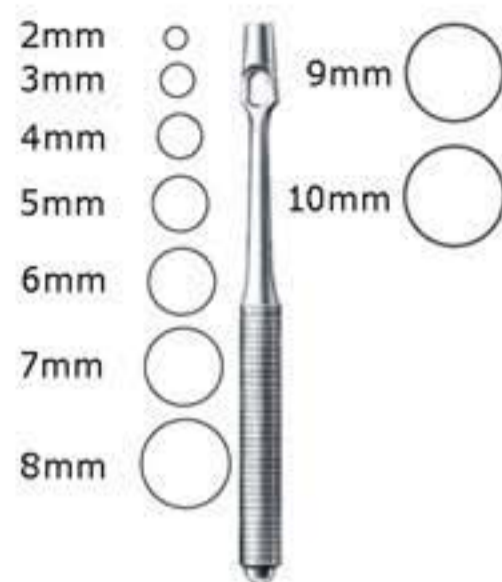
**BONE TAMPS** 16cm  
 Plain Tips



**KEY** 11.5cm  
 27-517 = Ø 2mm  
 27-518 = Ø 4mm  
 27-519 = Ø 6mm  
 27-520 = Ø 8mm  
 27-521 = Ø 10mm



**HANDLE WITH CHUCK** 8cm  
 27-500A = Point Ø 2mm  
 27-500B = Point Ø 12mm



**KEY** 10cm  
 27-501 = Ø 2mm  
 27-502 = Ø 3mm  
 27-503 = Ø 4mm  
 27-504 = Ø 5mm  
 27-505 = Ø 6mm  
 27-506 = Ø 7mm  
 27-507 = Ø 8mm  
 27-508 = Ø 9mm  
 27-509 = Ø 10mm



**CUTANEOUS TREPHINESS**  
 27-523 = Ø 2mm  
 27-524 = Ø 4mm  
 27-525 = Ø 6mm  
 27-526 = Ø 8mm  
 27-527 = Ø 10mm



Fig. 1 27-529 2.5x2.5mm  
 Fig. 2 27-530 3.5x3.5mm

**PASSOW**  
 12cm



Fig. 1 27-532 Ø 2mm  
 Fig. 2 27-533 Ø 3mm  
 Fig. 3 27-534 Ø 4mm  
 Fig. 4 27-535 Ø 5mm  
 Fig. 5 27-536 Ø 6mm  
 Fig. 6 27-537 Ø 8mm  
 Fig. 7 27-538 Ø 10mm

**BONE IMPACTOR**  
 15.5cm



27-540 Ø 3mm  
 27-541 Ø 5mm  
 27-542 Ø 8mm

**CASPAR**  
 20cm



27-544 Ø 12mm  
 27-545 Ø 14mm  
 27-546 Ø 16mm

**CASPAR**  
 20cm



**SCHEIDE** 17cm

27-550 Fig. 000  
 27-551 Fig. 00  
 27-552 Fig. 0  
 27-553 Fig. 1  
 27-554 Fig. 2  
 27-555 Fig. 3  
 27-556 Fig. 4

**VOLKMANN** 17cm

27-560 Fig. 0000  
 27-561 Fig. 000  
 27-562 Fig. 00  
 27-563 Fig. 0  
 27-564 Fig. 1  
 27-565 Fig. 2  
 27-566 Fig. 3  
 27-567 Fig. 4  
 27-568 Fig. 5  
 27-569 Fig. 6

**BRUNS** 16cm

27-570 Fig. 0000  
 27-571 Fig. 000  
 27-572 Fig. 00  
 27-573 Fig. 0  
 27-574 Fig. 1  
 27-575 Fig. 2  
 27-576 Fig. 3  
 27-577 Fig. 4  
 27-578 Fig. 5  
 27-579 Fig. 6

**SPRATT** 17cm

27-580 Fig. 000  
 27-581 Fig. 00  
 27-582 Fig. 0  
 27-583 Fig. 1  
 27-584 Fig. 2  
 27-585 Fig. 3  
 27-586 Fig. 4  
 27-587 Fig. 5  
 27-588 Fig. 6

**WILLIGER** 17.5cm

Oval  
 Round  
 27-601 Fig. 00  
 27-606 Fig. 00  
 27-602 Fig. 0  
 27-607 Fig. 0  
 27-603 Fig. 1  
 27-608 Fig. 1  
 27-604 Fig. 2  
 27-609 Fig. 2

**MODEL USA** 16cm

1/4  
 1/2  
 1  
 2  
 3  
 4  
 5  
 6  
 Straight  
 Right Curved  
 Left Curved  
 Fig. 1 = 27-611 = 27-621 = 27-631  
 Fig. 2 = 27-612 = 27-622 = 27-632  
 Fig. 3 = 27-613 = 27-623 = 27-633  
 Fig. 4 = 27-614 = 27-624 = 27-634  
 Fig. 5 = 27-615 = 27-625 = 27-635  
 Fig. 6 = 27-616 = 27-626 = 27-636

**UFFENDORDE** 17cm

27-637 Fig. 1  
 27-639 Fig. 2

**BRUNS** 23cm Solid

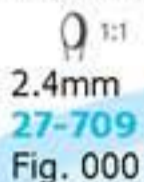




**DAUBENSPECK**  
20cm



**LEMPERT**  
21.5cm



**BUSHE**  
5mm Oval  
**27-713**  
25cm



**VOLKMANN**  
18cm  
Oval  
With Plastic Handle



**VOLKMANN**  
19cm  
Oval  
With Plastic Handle



**VOLKMANN**  
27.5cm  
Oval  
With Plastic Handle





**JACOBSON**  
 Oval/Oval  
**27-733**  
 14cm



**VOLKMANN**  
 Oval/Oval  
**27-735** = 13cm  
**27-736** = 14cm  
**27-737** = 17cm



**VOLKMANN**  
 Oval/Round  
**27-739** = 13cm  
**27-740** = 16cm  
**27-741** = 20cm

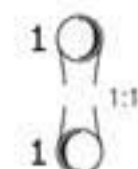


**BONE CURETTE**  
 Oval/Round  
**27-743**  
 21cm



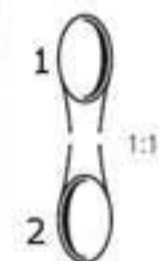
1:2

**MARTINI** 13.5cm  
 Round/Round  
**27-745** = 00 - 0  
**27-746** = 0 - 1  
**27-747** = 1 - 2

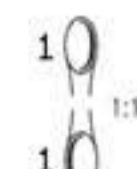
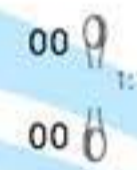


1:2

**MARTINI** 15.5cm  
 Round/Round  
**27-749** = 00 - 00  
**27-750** = 0 - 0  
**27-751** = 1 - 1



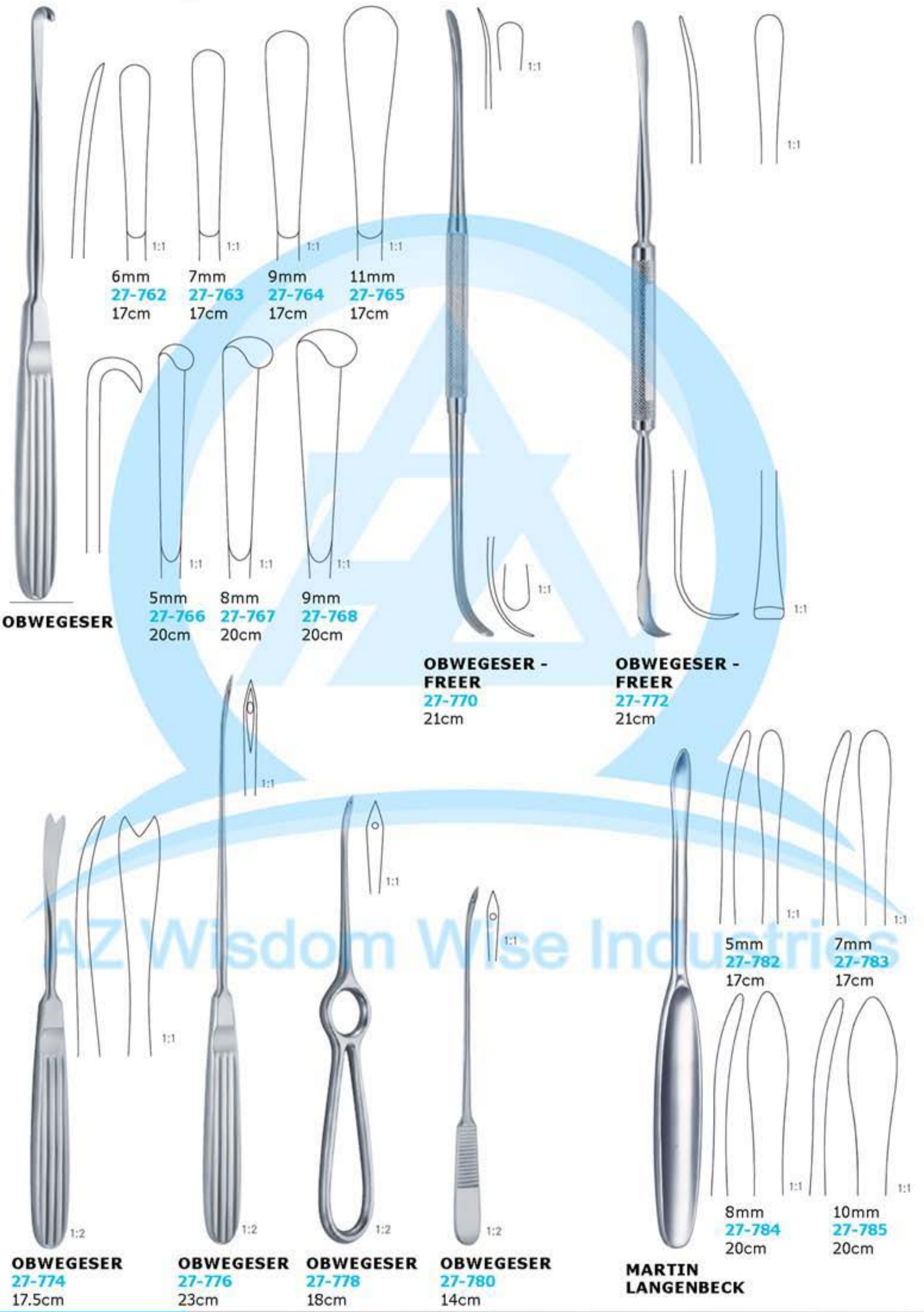
**WILLIGER** 13.5cm  
 Oval/Oval  
**27-753** = 00 - 0  
**27-754** = 0 - 1  
**27-755** = 1 - 2



1:2

**WILLIGER** 13.5cm  
 Oval/Oval  
**27-757** = 00 - 00  
**27-758** = 0 - 0  
**27-759** = 1 - 1





6mm 27-762 17cm  
 7mm 27-763 17cm  
 9mm 27-764 17cm  
 11mm 27-765 17cm

**OBWEGESER**

5mm 27-766 20cm  
 8mm 27-767 20cm  
 9mm 27-768 20cm

**OBWEGESER - FREER**  
 27-770  
 21cm

**OBWEGESER - FREER**  
 27-772  
 21cm

**OBWEGESER**  
 27-774  
 17.5cm

**OBWEGESER**  
 27-776  
 23cm

**OBWEGESER**  
 27-778  
 18cm

**OBWEGESER**  
 27-780  
 14cm

**MARTIN LANGENBECK**

5mm 27-782 17cm

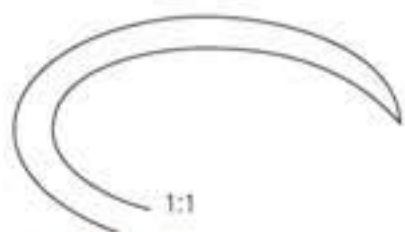
7mm 27-783 17cm

8mm 27-784 20cm

10mm 27-785 20cm



**DOYEN 17cm**  
 Left



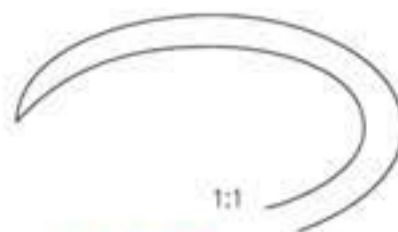
**27-787**  
 For Adults



**27-788**  
 For children



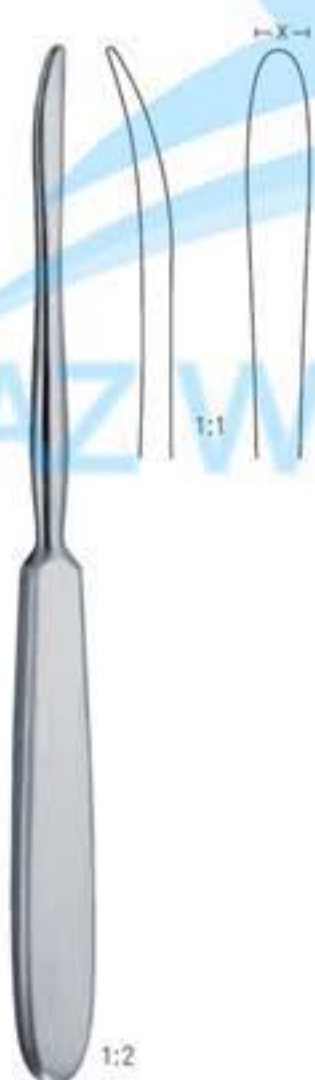
**DOYEN 17cm**  
 Right



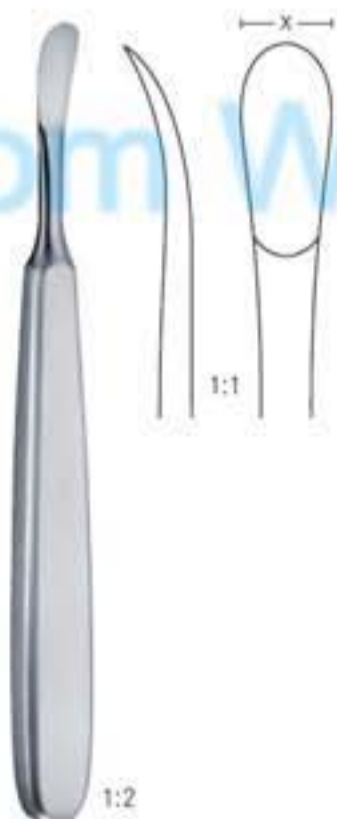
**27-790**  
 For Adults



**27-791**  
 For Children



**QUERVAIN 19.5cm**  
**27-793**  
 x = 6mm



**TRELAT 15cm**  
**27-795**  
 x = 8mm

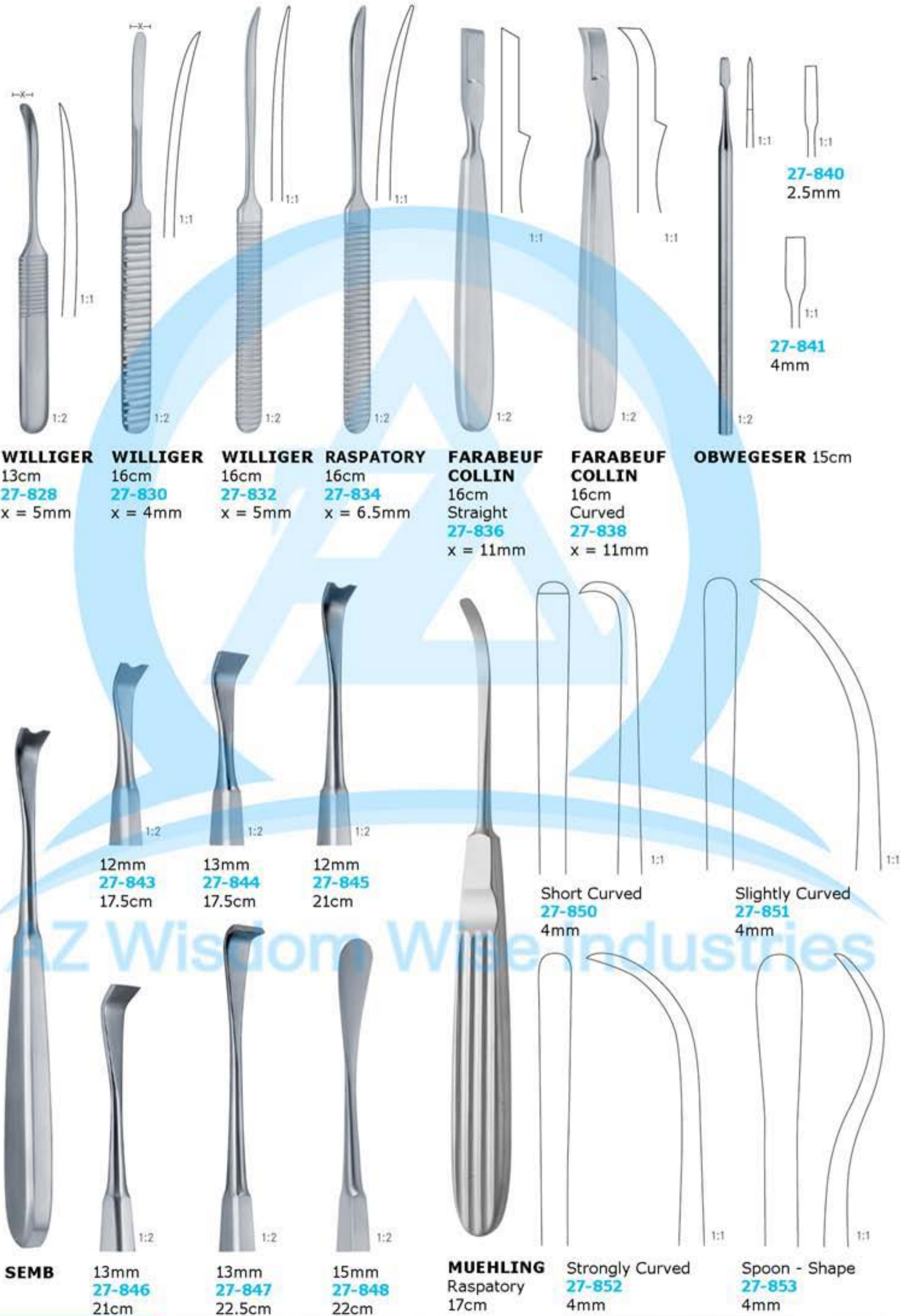


**KÖNIG 15.5cm**

**27-797**  
 x = 4.5mm

**27-798**  
 x = 4.5mm







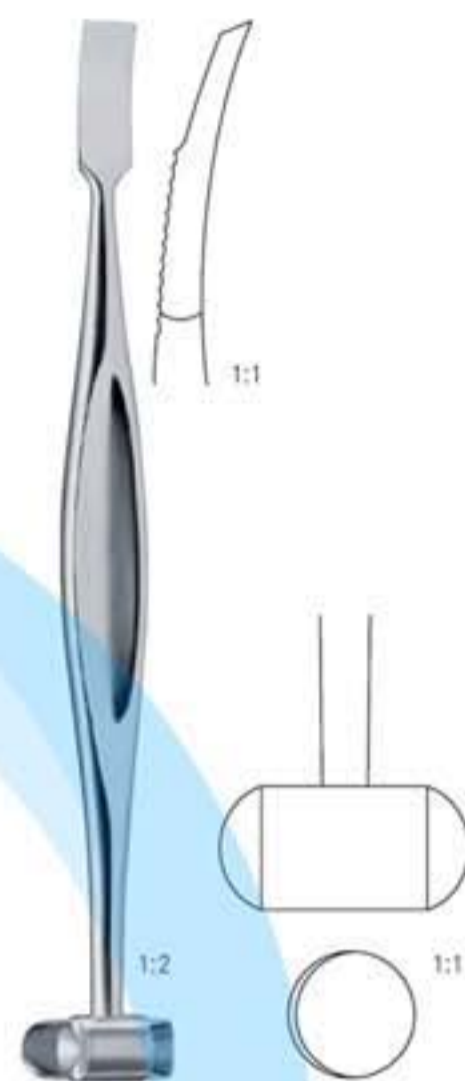
**HOWARTH**  
 Sharp  
 27-855  
 21.5cm



**LANGENBECK**  
 27-857  
 18cm



**LANGENBECK**  
 27-859  
 19cm



**ALEXANDER**  
 27-861  
 20cm



**LANGENBECK**  
 20cm  
 27-863  
 x = 8mm



**LANGENBECK**  
 20cm  
 27-865  
 x = 10mm



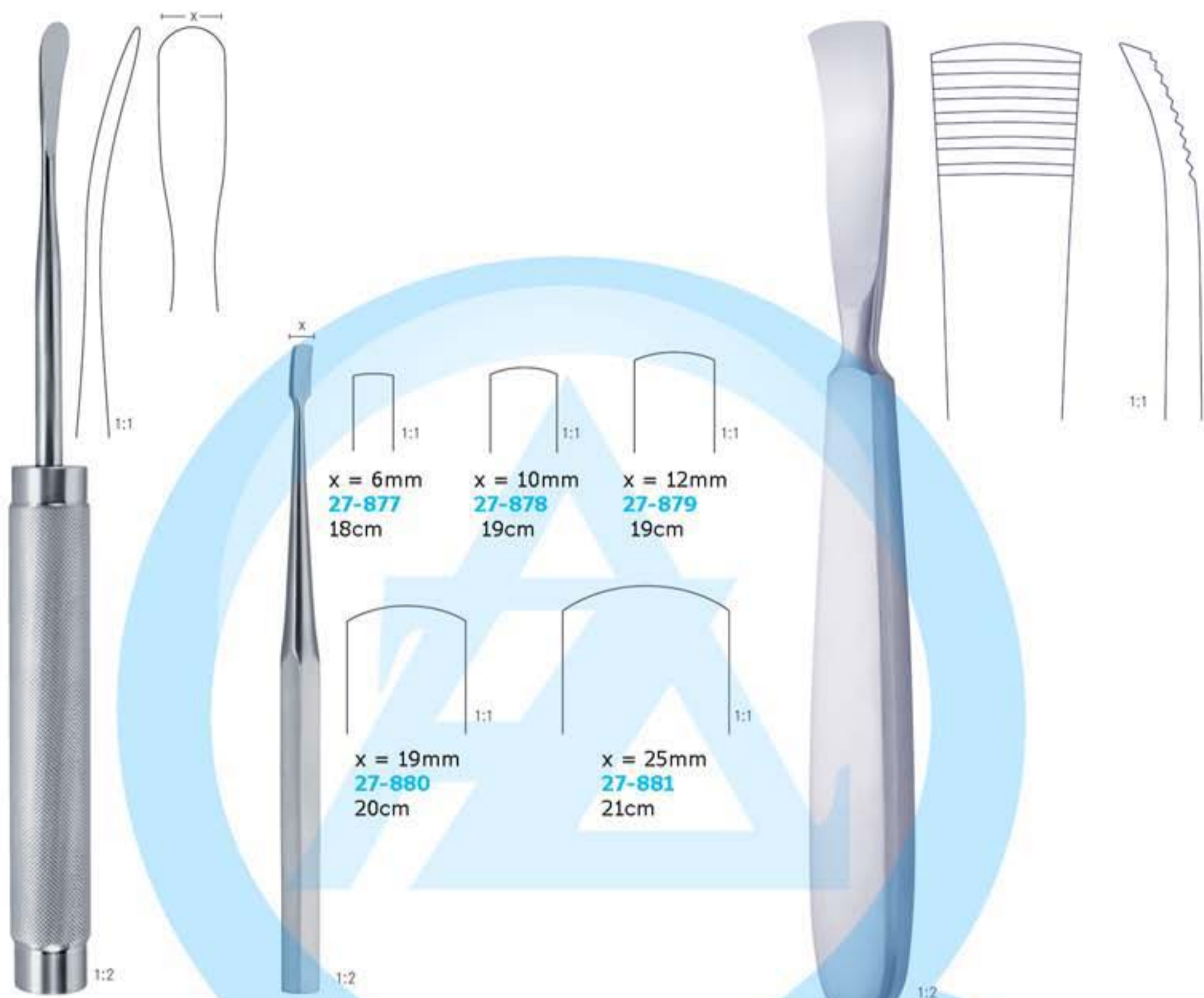
**SEBILEAU**  
 17.5cm  
 27-867  
 x = 5mm



**RASPATORY**  
 Extremely Light  
 27-869  
 17.5cm



**LANDOLT** Raspatory  
 17.5cm  
 27-871  
 4.7mm



**COBB**  
 Spinal Raspatory  
 29cm  
 27-873 = x = 10mm  
 27-874 = x = 13mm  
 27-875 = x = 19mm

**KEY RUGINES**

x = 6mm  
 27-877  
 18cm

x = 10mm  
 27-878  
 19cm

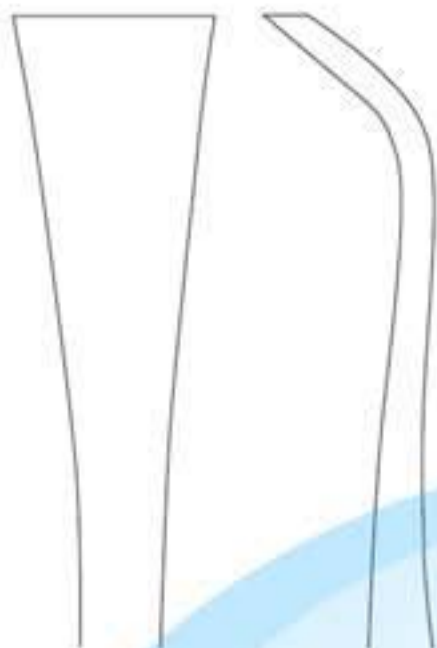
x = 12mm  
 27-879  
 19cm

x = 19mm  
 27-880  
 20cm

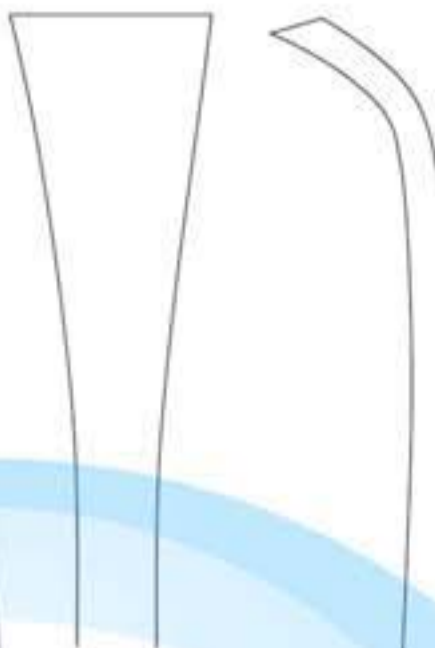
x = 25mm  
 27-881  
 21cm

**JANSEN**  
 Raspatory 16.5cm  
 27-883  
 15cm

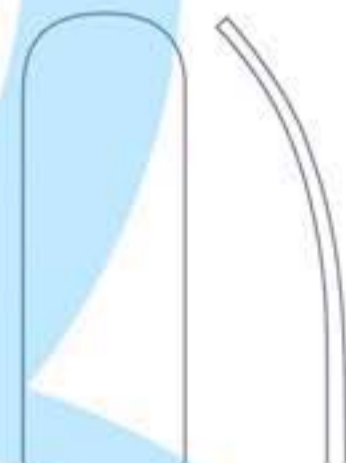
AZ Wisdom Wise Industries



**SCHNEIDER**  
 Raspatory 17.5cm  
 27-885  
 13cm



**SCHNEIDER - SAUERBRUCH**  
 Raspatory 19cm  
 27-887  
 14mm



**WATSON CHEYNE** Dissector  
 Double Ended  
 27-892  
 17.5cm



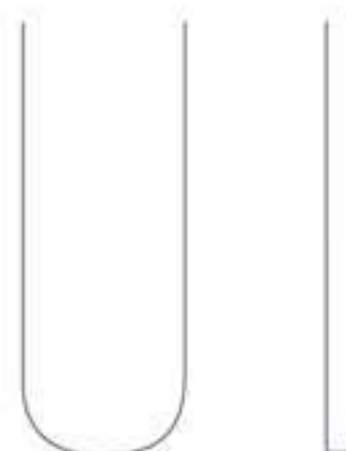
27-888  
 5mm

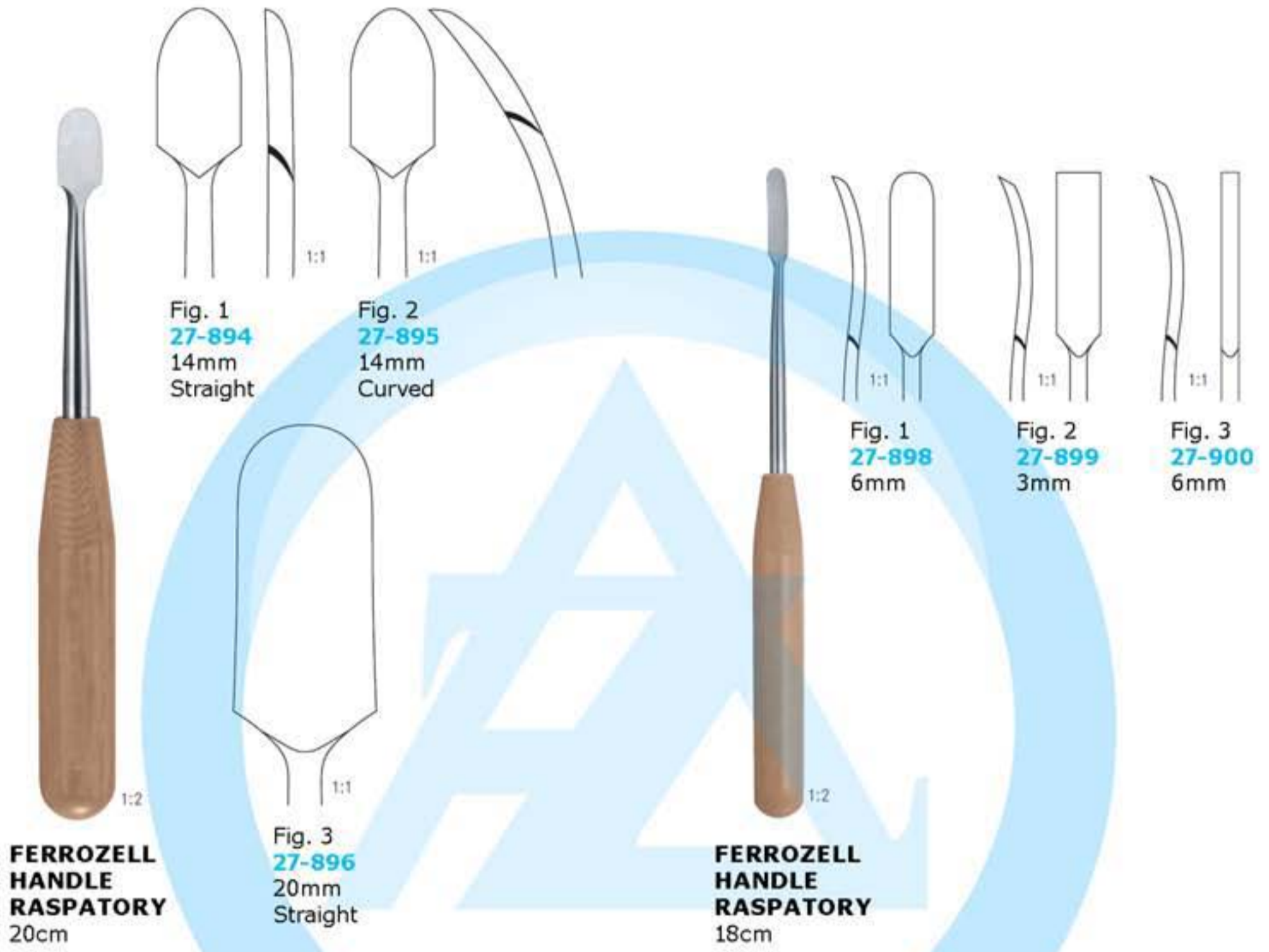
27-889  
 6mm



27-890  
 7mm

**RASPATORY** Fine Angled  
 16cm





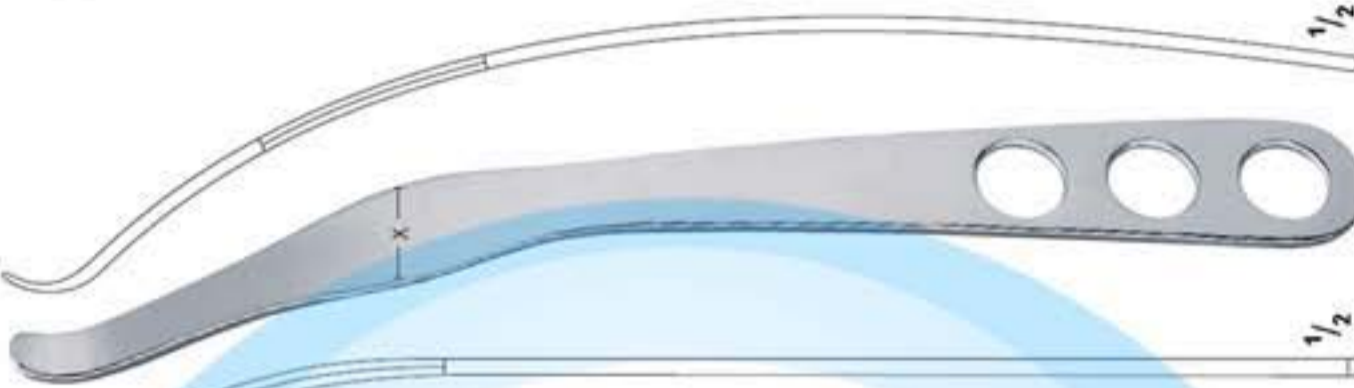
AZ Wisdom Wise Industries





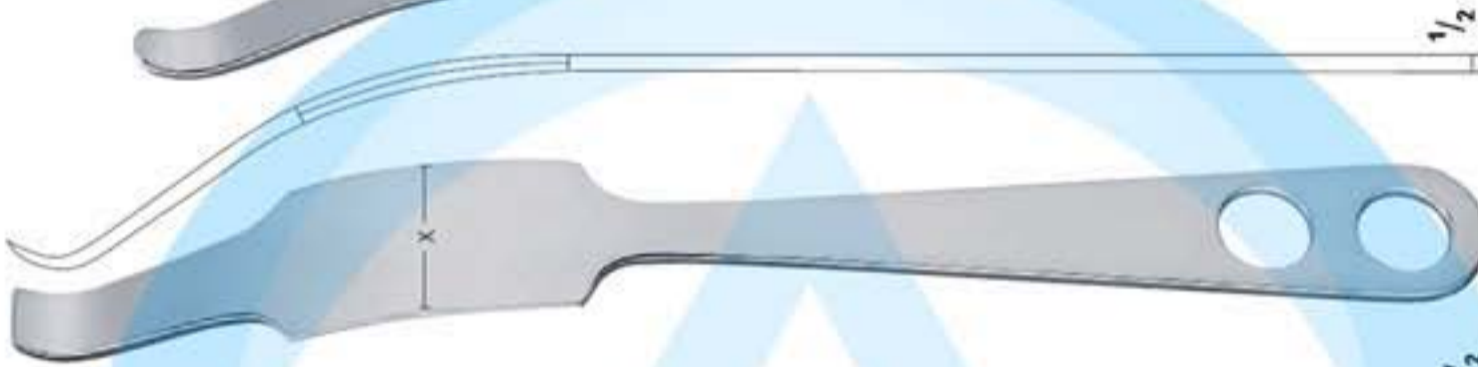
**LANGE - HOHMANN**

26cm  
**27-902**  
 x = 22mm



**HOHMANN**

26.5cm  
**27-903**  
 x = 24mm



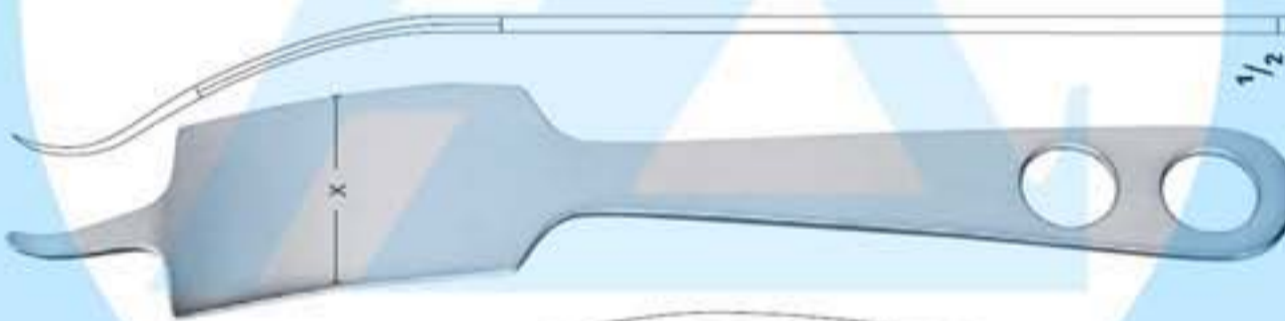
**HOHMANN**

28cm  
**27-904**  
 x = 35mm



**HOHMANN**

26cm  
**27-905**  
 x = 22mm



**HOHMANN**

24.5cm  
**27-906**  
 x = 43mm



**HOHMANN**

24cm  
**27-907**  
 x = 70mm



**HOHMANN**

24cm  
**27-908**  
 x = 43mm



**HOHMANN**

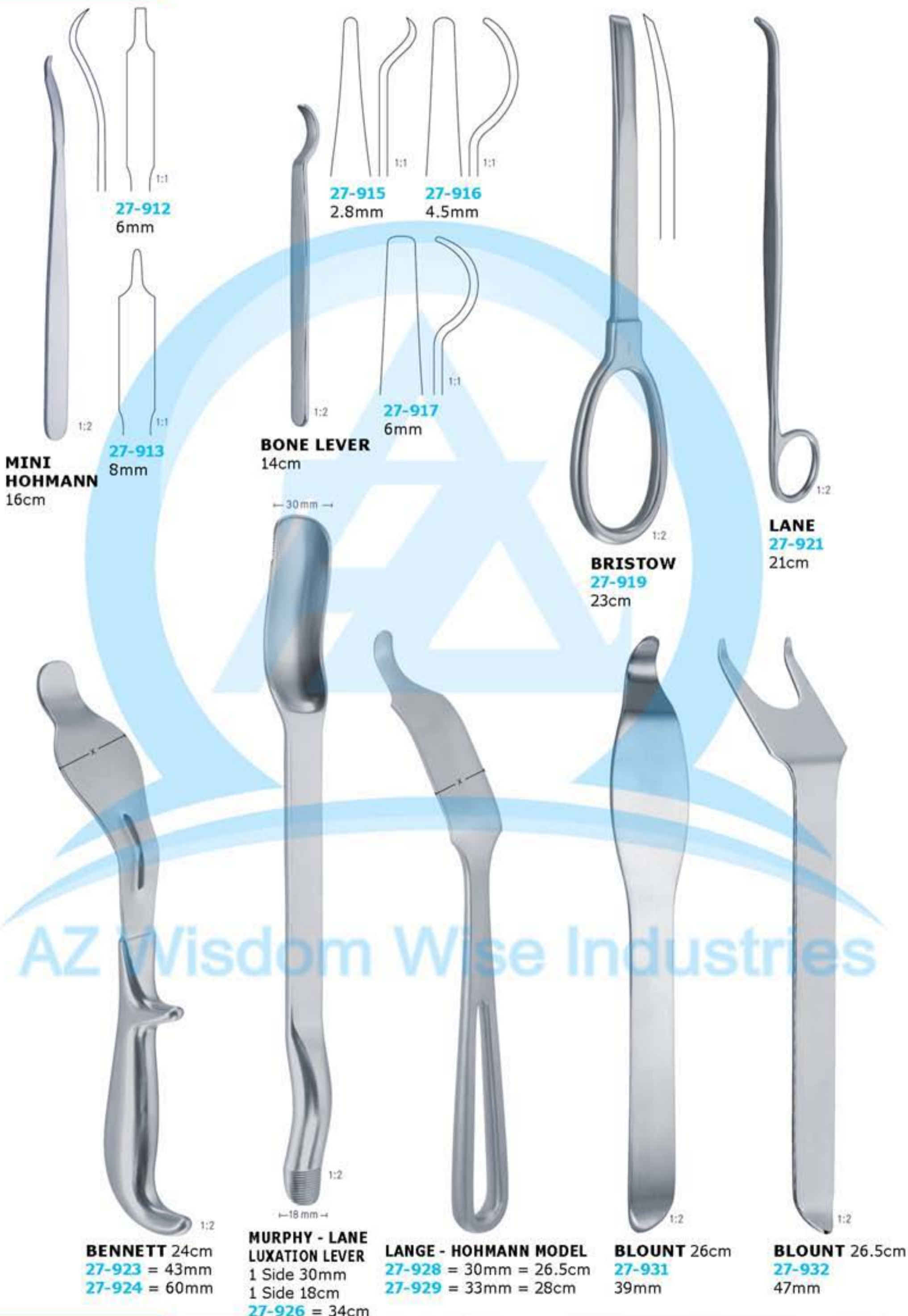
24cm  
**27-909**  
 x = 18mm



**HOHMANN**

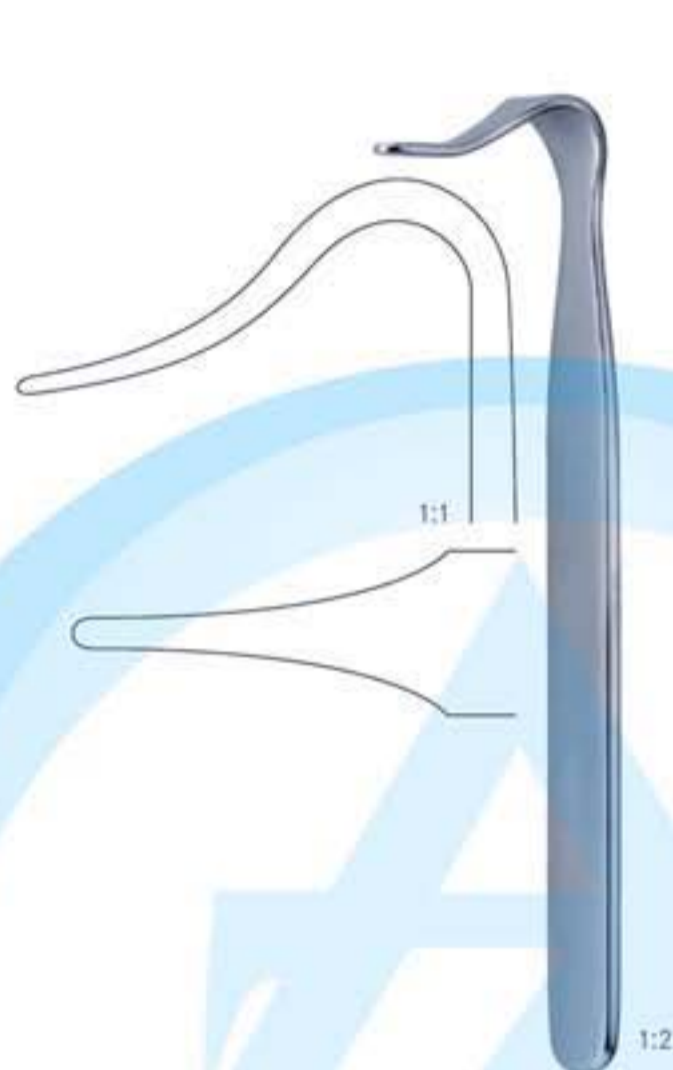
22cm  
**27-910**  
 x = 8mm

AZ Wisdom Wise Industries





**WILLIGER - HOHMANN**  
 16cm  
 27-934  
 5mm



**BLOUNT Curved**  
 27-936  
 17.5cm



**27-938**  
 a = 95mm  
 b = 30mm

**27-939**  
 a = 115mm  
 b = 30mm

**TAYLOR**  
 16.5cm



**BONE LEVER 16cm**  
 27-941  
 15mm



**BONE LEVER 12cm**  
 27-943  
 15mm



**SMILLIE No. 1**  
 17cm  
 27-945  
 Straight



**SMILLIE No. 2**  
 17cm  
 27-947  
 Right



**SMILLIE No. 3**  
 17cm  
 27-949  
 Left



**BIRCHER**  
 27-951  
 19cm



**MENISCOTOMY KNIFE**  
 27-953  
 18cm



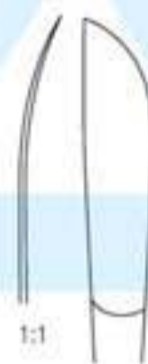
**MENISCOTOMY SALENIUS**  
 Left  
 Curved  
 27-955  
 21.5cm



**MENISCOTOMY SALENIUS**  
 Right  
 Curved  
 27-957  
 21.5cm



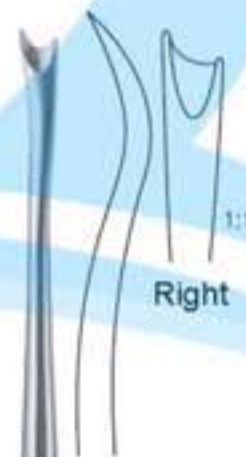
27-959  
 Left



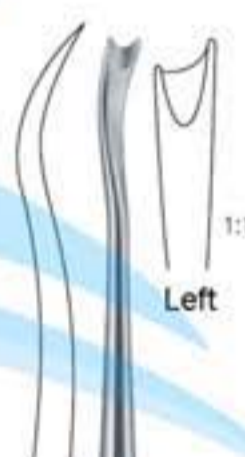
27-960  
 Right



Neff 22cm



**CANAD. MODELL**  
 Right No. 1  
 27-962  
 20cm



**CANAD. MODELL**  
 Left No. 2  
 27-964  
 20cm



1:1  
**27-966**  
 4mm

1:1  
**27-967**  
 4.5mm

1:1  
**27-968**  
 5.5mm



1:1  
 Fig. 1  
**27-970**  
 4.5mm

1:1  
 Fig. 2  
**27-971**  
 5.5mm

1:1  
 Fig. 3  
**27-972**  
 6.5mm

1:1  
 Fig. 4  
**27-973**  
 7.5mm

1:1  
 Fig. 5  
**27-974**  
 8.5mm



1:1  
**27-976**  
 4mm

1:1  
**27-977**  
 4.5mm

1:1  
**27-978**  
 5.5mm

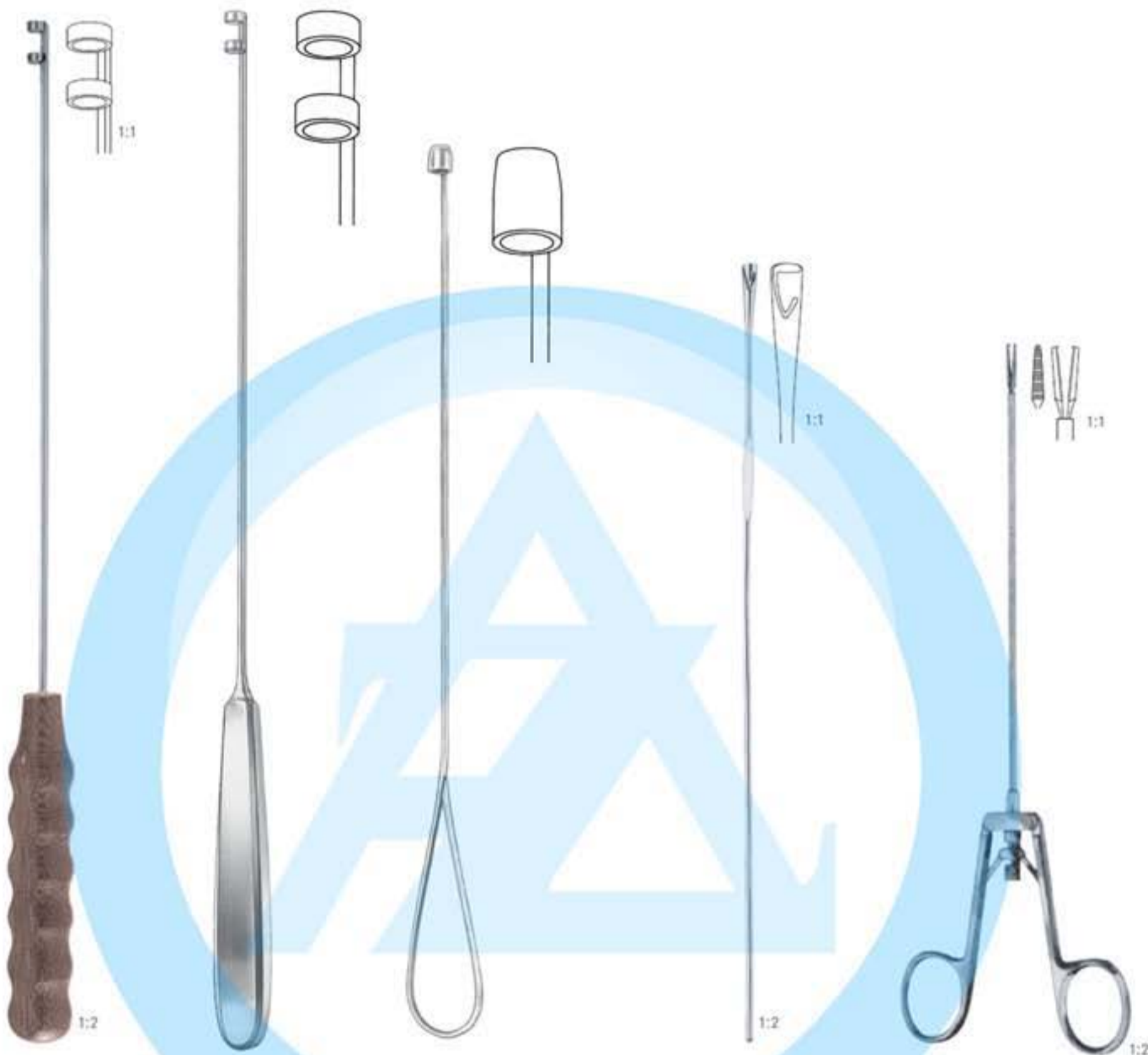


**TENDON STRIPPER**  
 Flexible Shaft  
 23cm

**BUNNELL**  
 Tendon Stripper  
 15cm

**TENDON STRIPPER**  
 Flexible Shaft  
 23cm

**TENDON PULLER**  
**27-980**  
 33.5cm



**FISCHER**  
 Tendon Stripper  
 27-982  
 31cm

**FISCHER**  
 Tendon Stripper  
 Blunt  
 27-984  
 31cm

**TENDON STRIPPER**  
 27-986  
 28.5cm

**BUNNELL**  
 Tendon Passer  
 27-988  
 23cm

**KLEINERT- KUTZ**  
 20mm  
 27-990  
 20cm

1:1  
 27-992  
 15cm

1:1  
 27-993  
 19cm

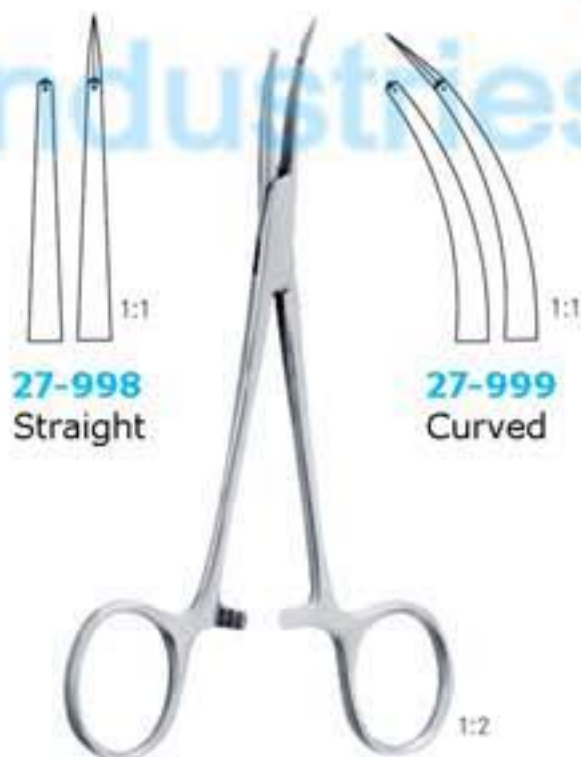
1:1  
 27-994  
 24cm



**BRAND**



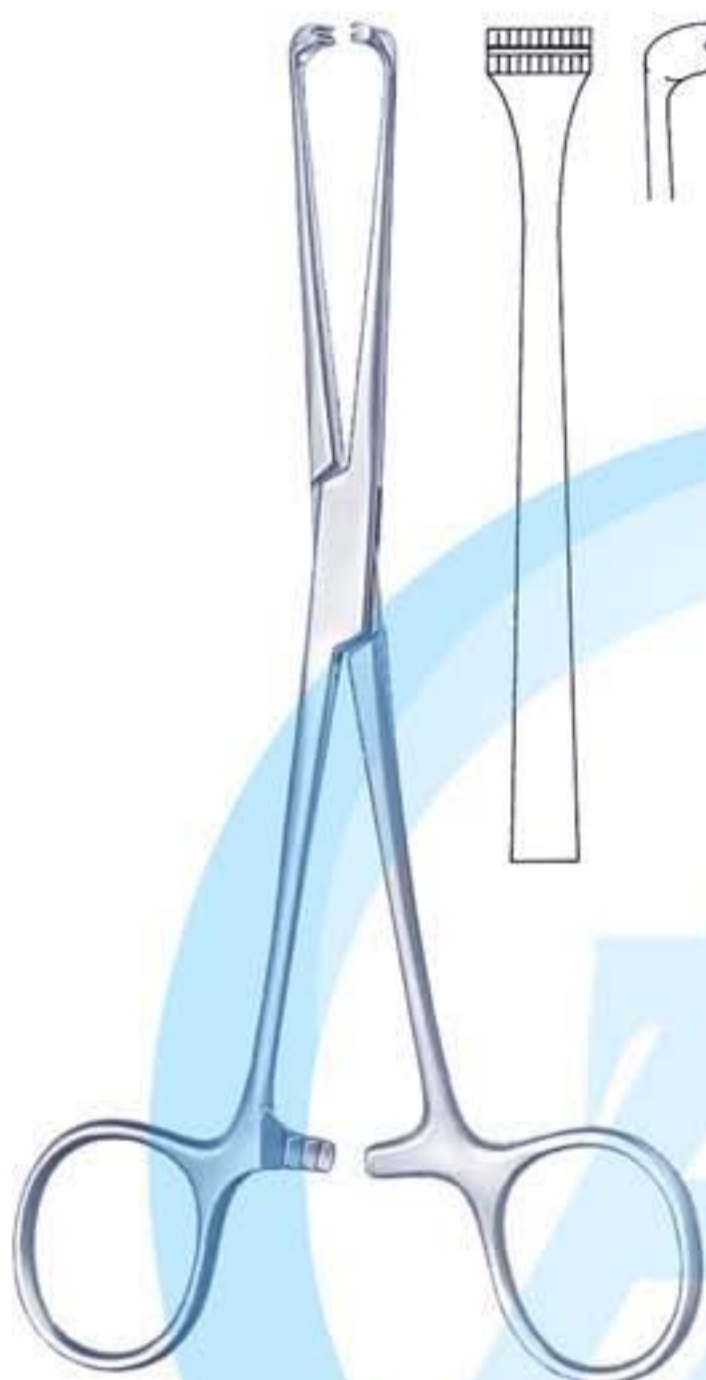
**TENDON HOLDING** Forceps  
 27-996  
 13cm



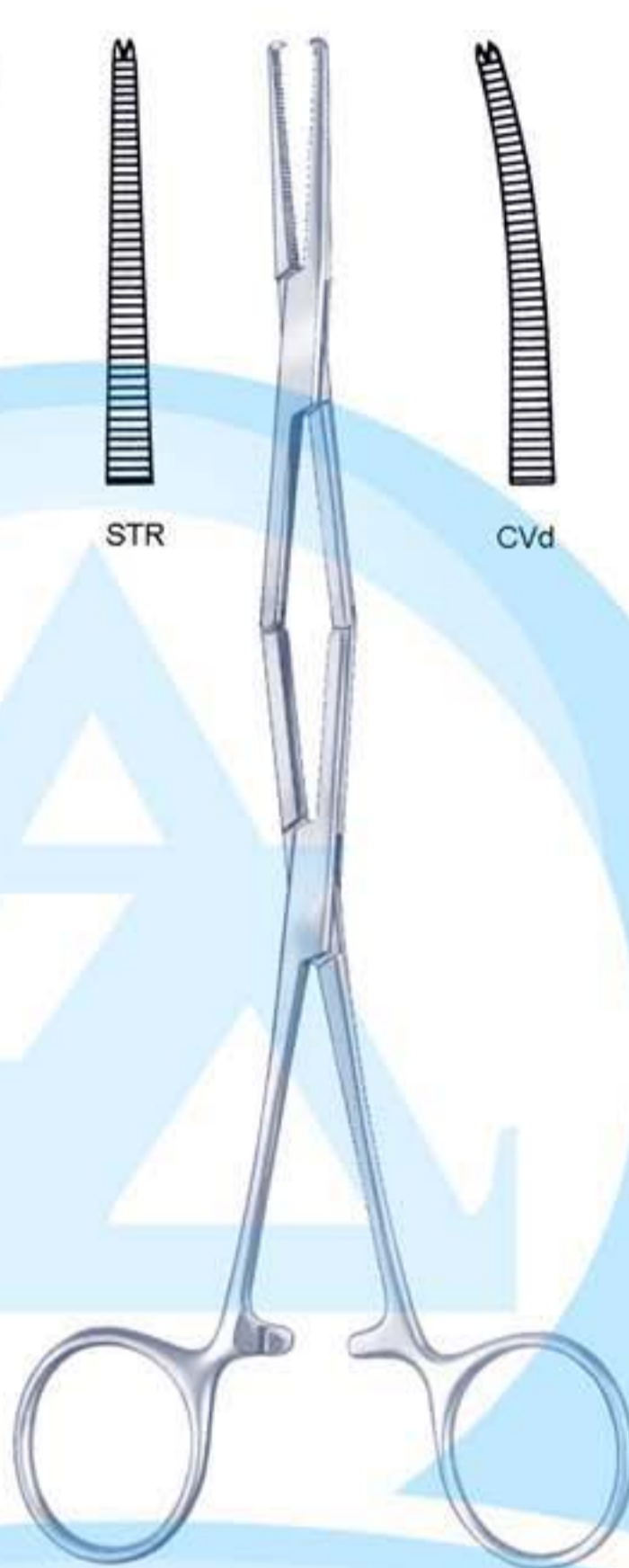
1:1  
 27-998  
 Straight

1:1  
 27-999  
 Curved

**TENDON HOLDING** Forceps  
 15cm



**STEINMANN**  
Tendon Seizing Forceps  
27-1000  
16cm



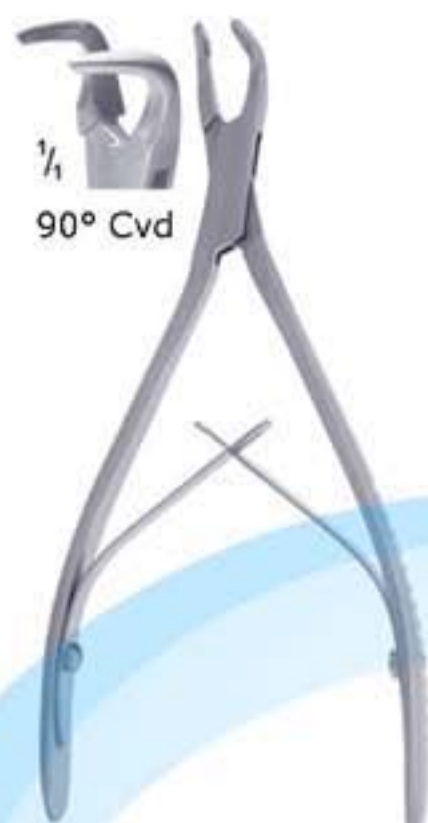
**TENDON PULLING** Forceps  
27-1002  
20.5cm



**TENDON SEIZING** Forceps  
27-1004  
11.5cm



**FRIEDMANN Delicate**  
 27-1006 = 15cm



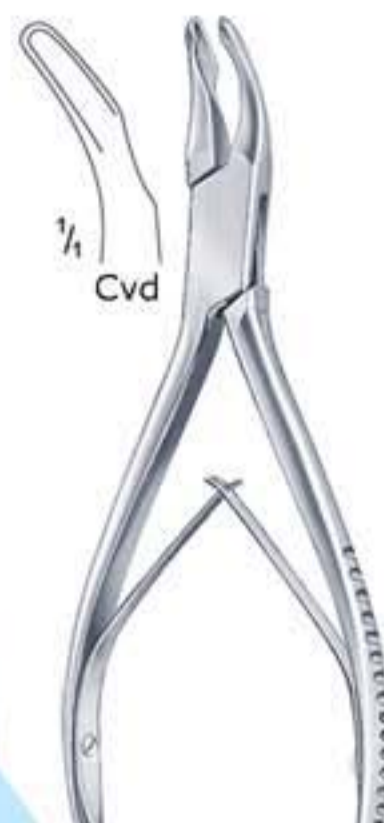
**FRIEDMANN Delicate**  
 27-1008 = 15cm



**FRIEDMANN MINI**  
 27-1010 = 12cm



**FRIEDMANN**  
 27-1012 = 14cm



**CLEVELAND**  
 27-1014 = 14cm



**CLEVELAND**  
 27-1016 = 17cm



**MEAD 1.A**  
 27-1018 = 16cm



**MEAD**  
 27-1020 = 16.5cm



**BLUMENTHAL 30°**  
 27-1022 = 15.5cm



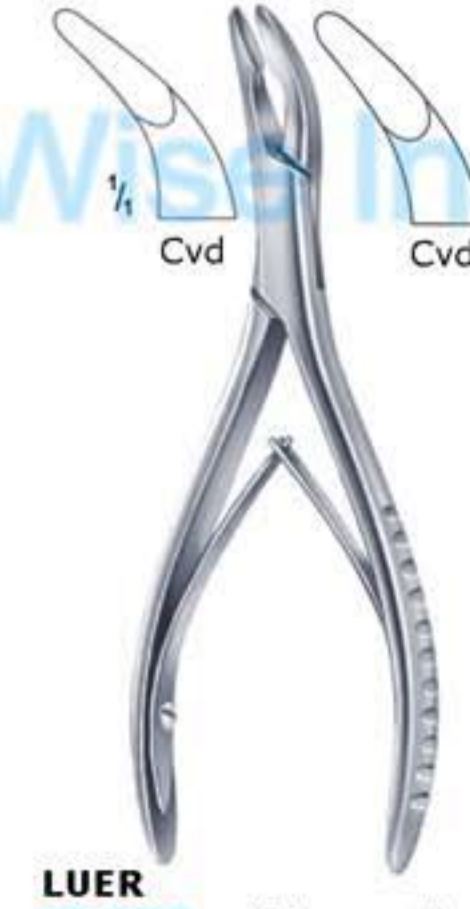
**BLUMENTHAL 45°**  
 27-1024 = 15.5cm



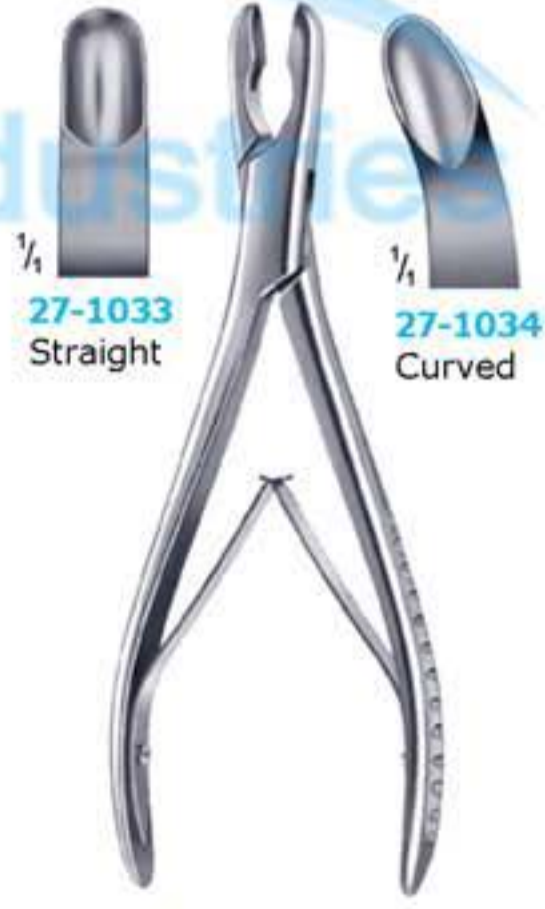
**BLUMENTHAL 90°**  
 27-1026 = 15.5cm



**LUER**  
 27-1028 = 15.5cm

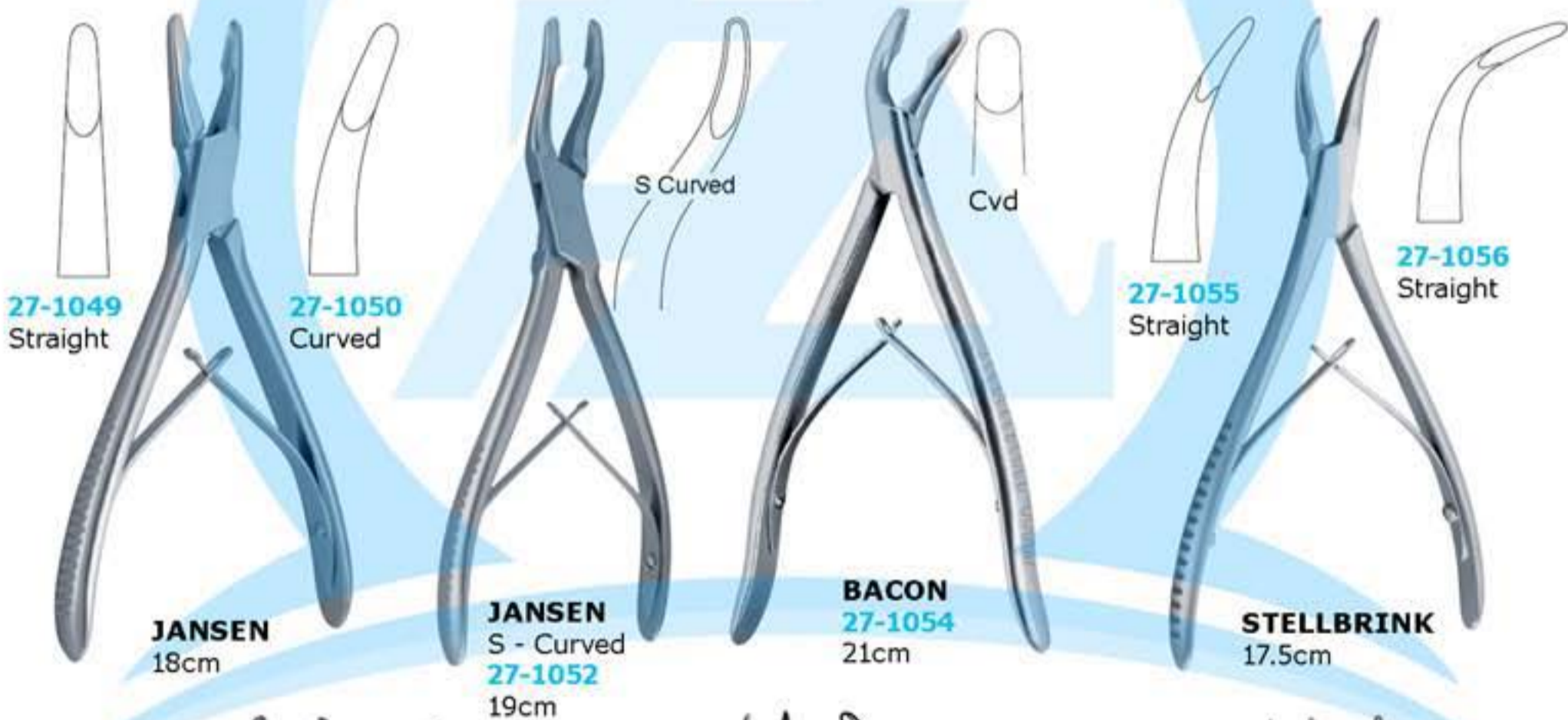
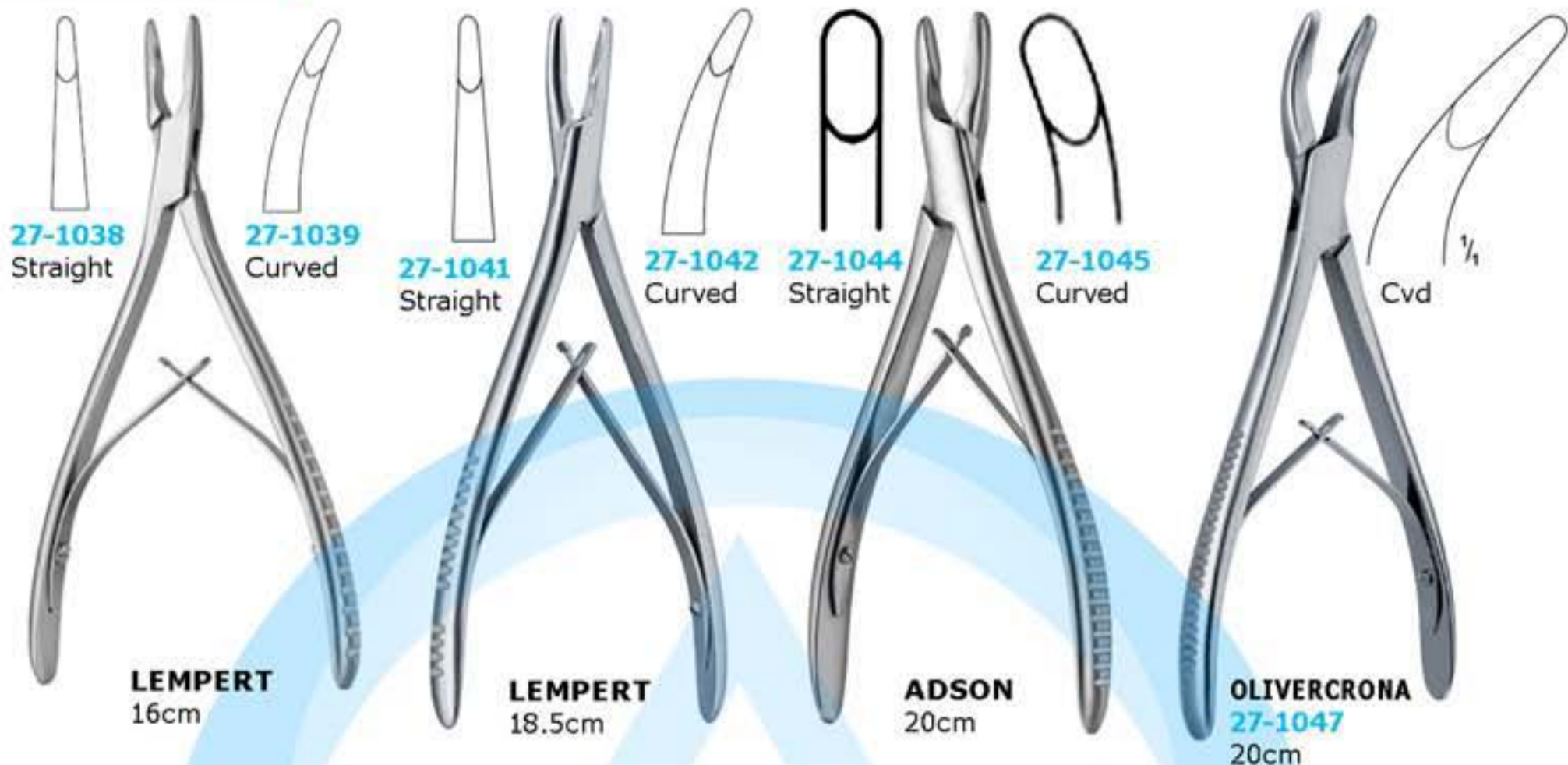


**LUER**  
 27-1030 = 15.5cm = Fine  
 27-1031 = 15.5cm = Wide



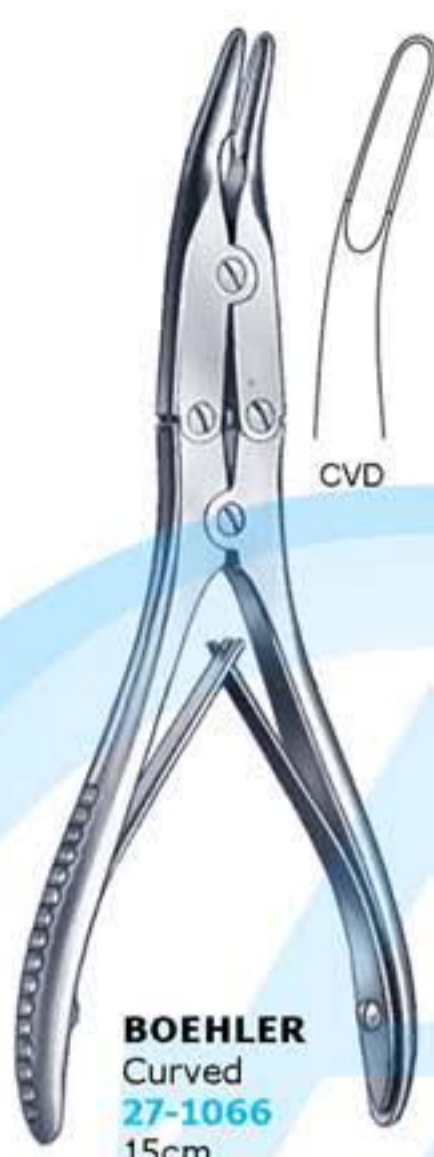
**LUER 17cm**







**BOEHLER**  
 Straight  
 27-1064  
 15cm



**BOEHLER**  
 Curved  
 27-1066  
 15cm



**BEYER**  
 Curved  
 27-1068  
 18cm



**ZAUDEL - JANSSEN**  
 Curved  
 27-1070  
 18cm



**RUSKIN**  
 18cm



**MAYFIELD**  
 Curved  
 27-1075  
 18cm



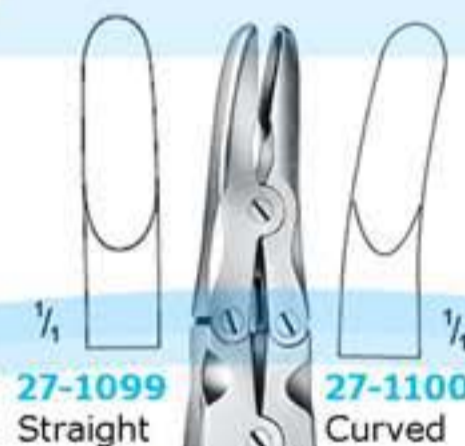
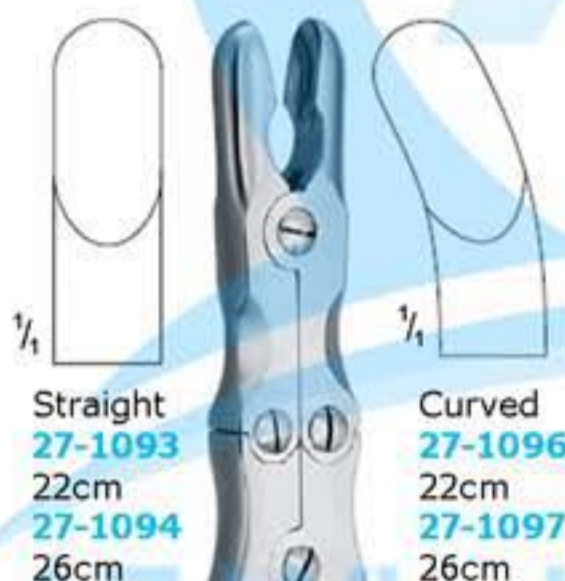
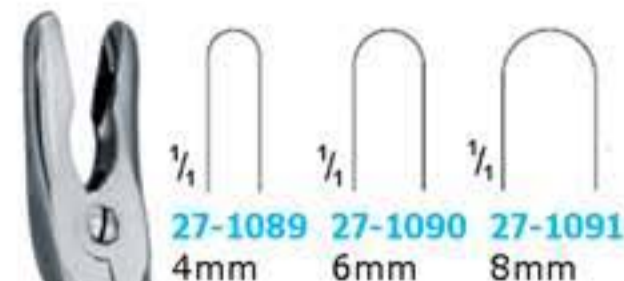
**MARQUARDT**  
 Curved  
 27-1077  
 20cm



**FULTON LAMINECTOMY**  
 24cm

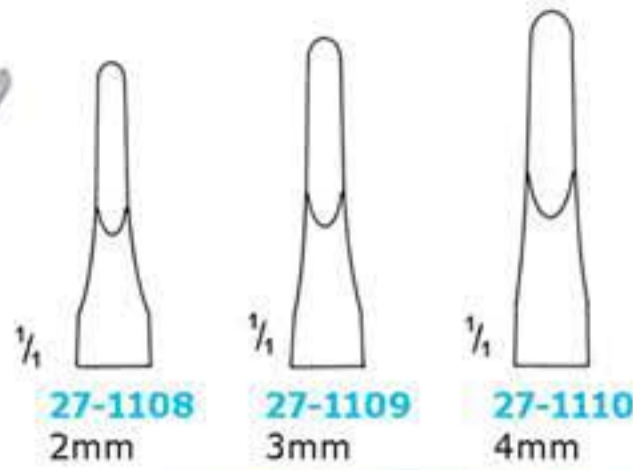


**27-1080**  
 Curved  
 7x18mm





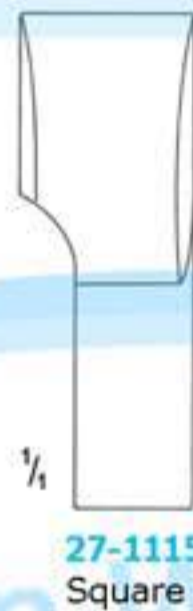
**ECHLIN DUCKBILL**  
23cm



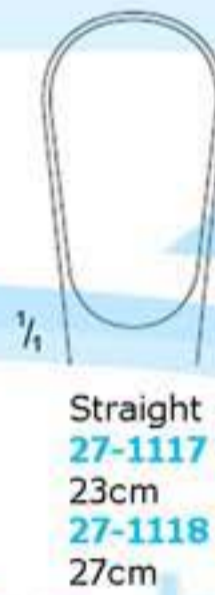
**FRYKHOLM**  
27-1112  
24cm



**SAUERBRUCH**  
31cm



**27-1115**  
Square



Straight  
**27-1117**  
23cm  
**27-1118**  
27cm



**STILLE LUER**



Curved  
**27-1120**  
23cm  
**27-1121**  
27cm

All Instruments Are Made Of  
 High Quality, Durable Surgical  
 Grade Stainless Steel



**SCAGLIETTI**  
27-1123 = Right  
27-1124 = Left  
26cm

AZ Wisdom Wise Industries



**COTTLE  
 KAZANJIAN**  
 Straight  
 27-1125  
 19cm



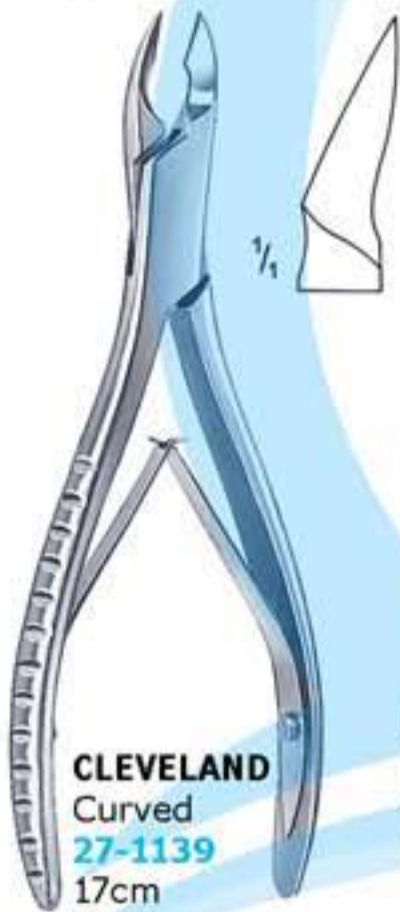
**COTTLE  
 KAZANJIAN**  
 Curved  
 27-1127  
 18cm



Straight  
 27-1129  
 14cm  
 27-1130  
 17cm  
 27-1131  
 19cm  
 27-1132  
 20cm



Curved  
 27-1134  
 14cm  
 27-1135  
 17cm  
 27-1136  
 19cm  
 27-1137  
 20cm



**CLEVELAND**  
 Curved  
 27-1139  
 17cm



**CLEVELAND**  
 Curved  
 27-1141  
 15cm



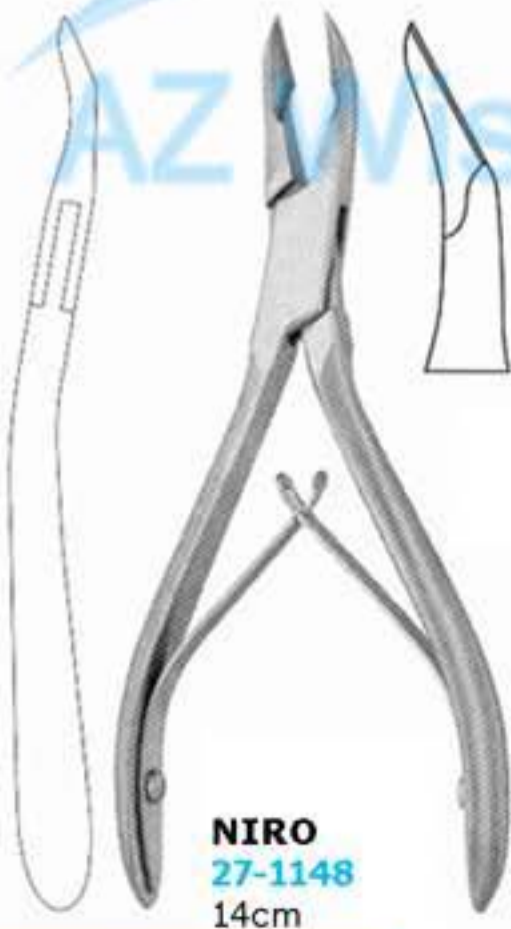
**CLEVELAND**  
 16cm



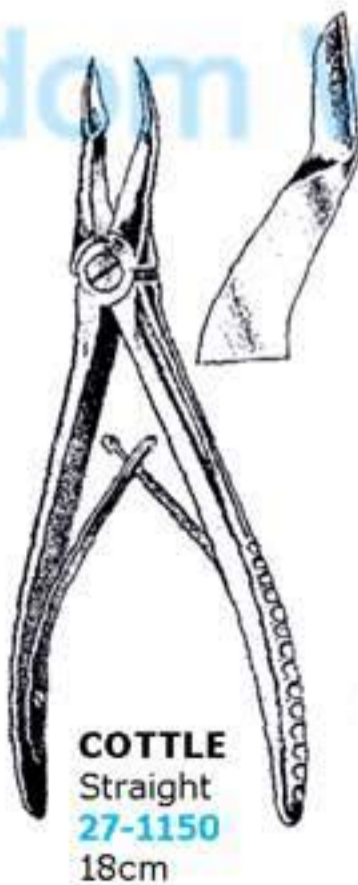
27-1143 No. 6  
 27-1144 No. 6A



**MARK  
 WALDER**  
 27-1146  
 20cm



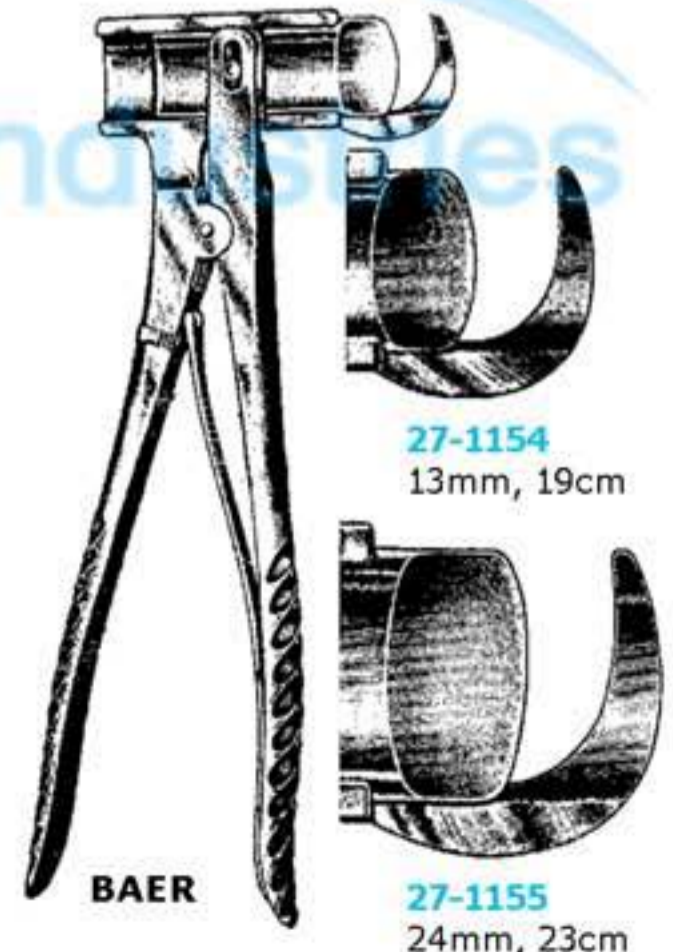
**NIRO**  
 27-1148  
 14cm



**COTTLE**  
 Straight  
 27-1150  
 18cm



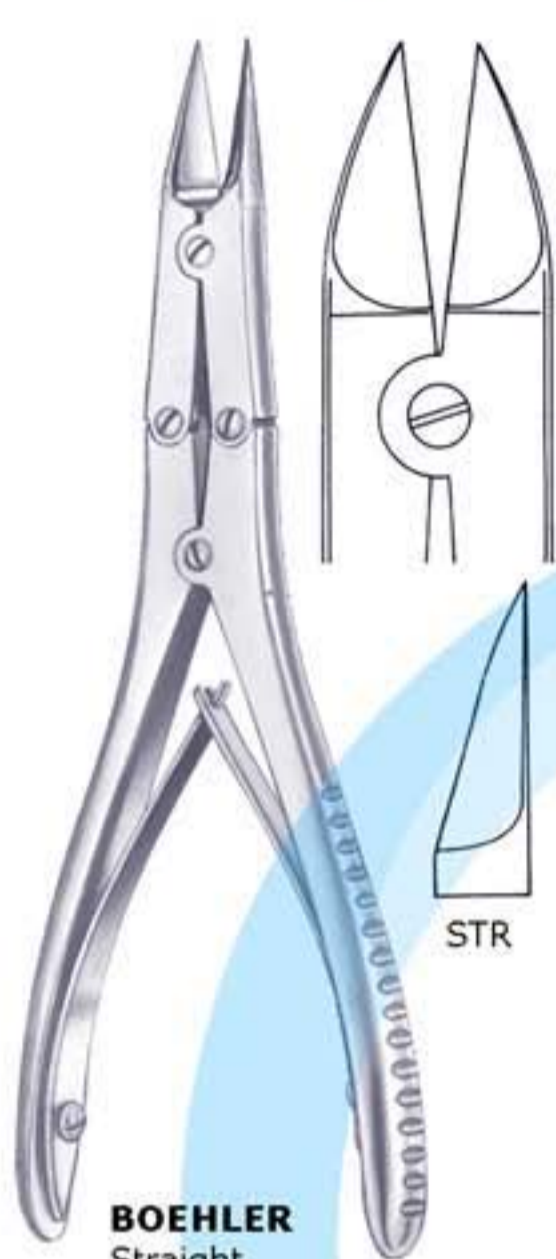
**BONE  
 CUTTER**  
 27-1152  
 15cm



**BAER**

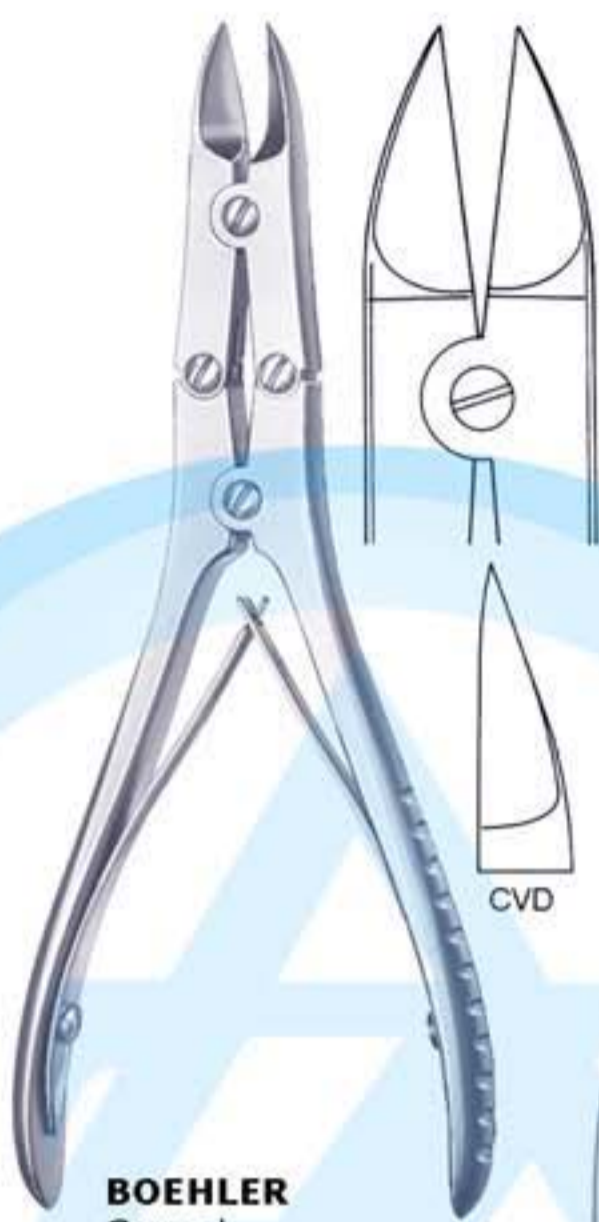
27-1154  
 13mm, 19cm

27-1155  
 24mm, 23cm



**BOEHLER**  
 Straight  
 27-1157  
 15cm

STR



**BOEHLER**  
 Curved  
 27-1159  
 15cm

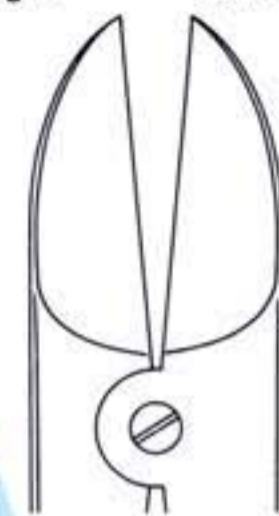
CVD



**RUSKIN LISTON**  
 18.5cm

27-1161  
 Straight

27-1162  
 Curved



**LISTON MINI**  
 Straight  
 27-1164  
 15cm

STR



**LISTON MINI**  
 Curved  
 27-1166  
 15cm

CVD

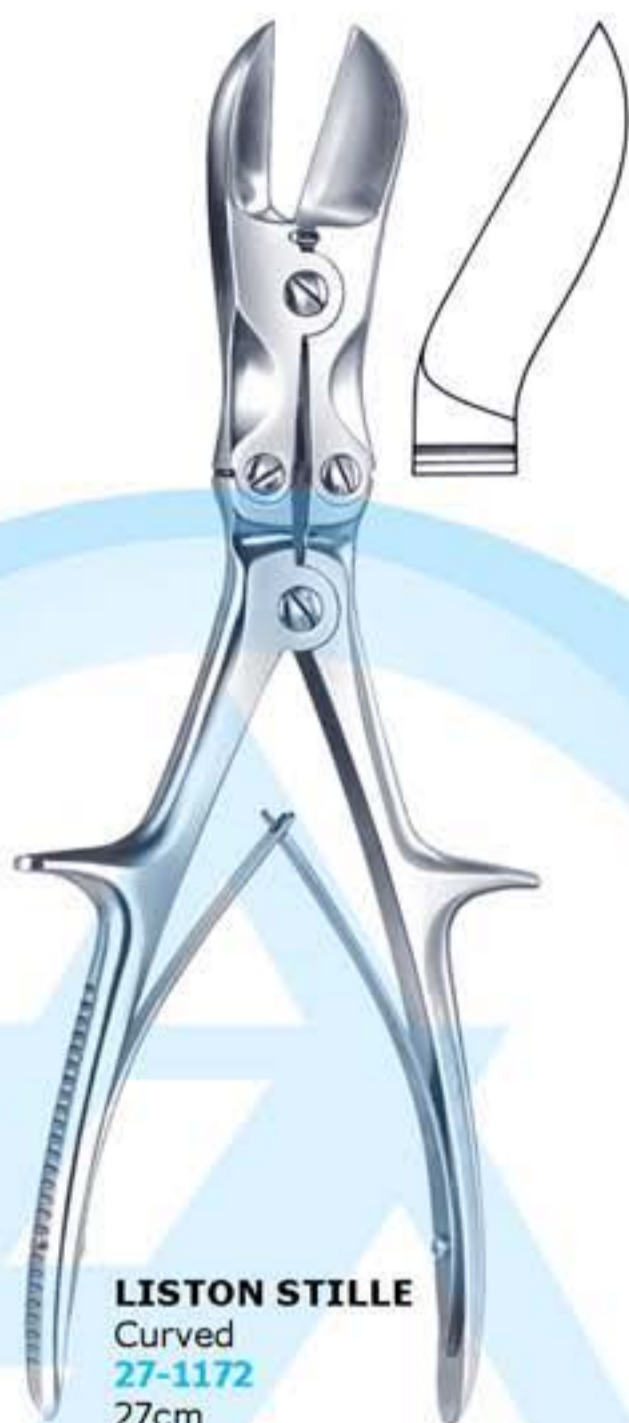


**KLEINERT KUTZ**  
 Curved  
 27-1168  
 15cm

CVD



**LISTON STILLE**  
 Straight  
 27-1170  
 27cm



**LISTON STILLE**  
 Curved  
 27-1172  
 27cm



**LISTON STILLE**  
 Curved 90°  
 27-1174  
 27cm



**TUDOR - EDWARDS**  
 27-1176  
 23cm



**LISTON KEY  
 STILLE HORSLEY**  
 27-1178  
 27cm



**SEMB 90°**  
 27-1180  
 24cm

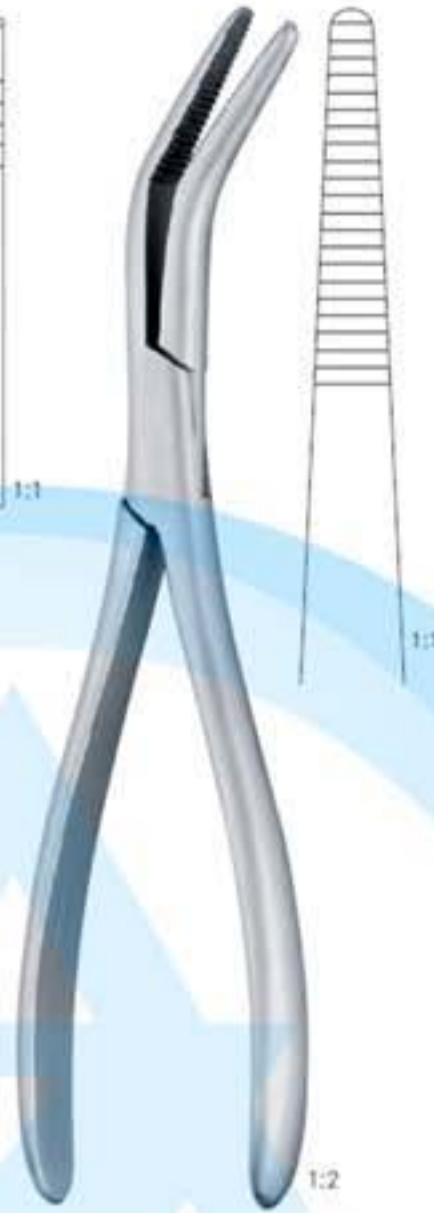




**FERGUSSON**  
 27-1182  
 21cm



**LANGENBECK**  
 27-1184  
 21cm



**VAN BUREN Curved**  
 27-1186  
 23cm



**SEMB Curved**  
 27-1188  
 19cm



**27-1190**  
 Straight

**SEQUESTRUM**  
 20cm



**27-1191**  
 Curved

**FARABEUF**  
 27-1193 = 23cm  
 27-1194 = 26cm



**FARABEUF LAMBOTTE**  
 27-1195  
 26cm



**PATELLA**  
 27-1197  
 18.5cm



**LANE**  
 27-1199 = 33cm  
 27-1200 = 45cm  
 Without Ratchet

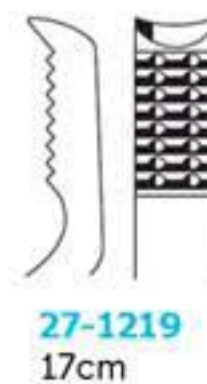
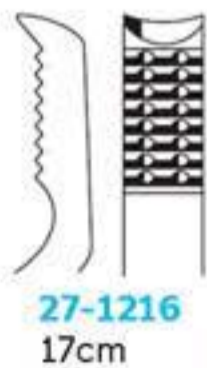
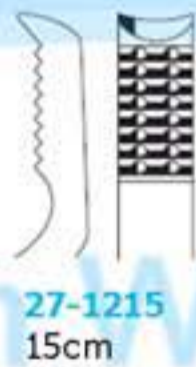


**GERSTER - LOWMANN**  
 27-1202 = 18cm = x = 28mm  
 27-1203 = 20cm = x = 35mm  
 27-1204 = 22cm = x = 40mm

**LANE**  
 27-1206 = 33cm  
 27-1207 = 45cm  
 With Ratchet



**HEY GROVES**  
 27-1209 = 21cm = 6.5mm  
 27-1210 = 27cm = 7.5mm  
 27-1211 = 30cm = 8.5mm



**GERSTER**  
 27-1213  
 15cm



**KERN**  
 Without Ratchet

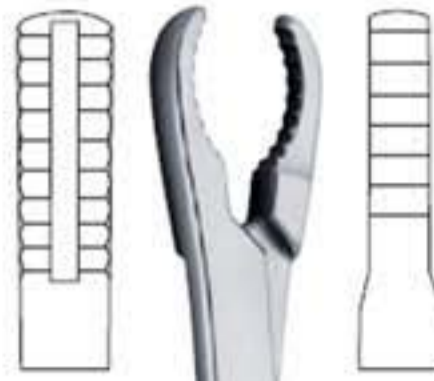


**KERN**  
 With Ratchet



**LAMBOTTE**

One Jaw Mobile  
 27-1221 = 22cm  
 27-1222 = 27cm  
 27-1223 = 30cm



**ULRICH**

27-1225 = 23cm  
 27-1226 = 25cm  
 27-1227 = 38cm



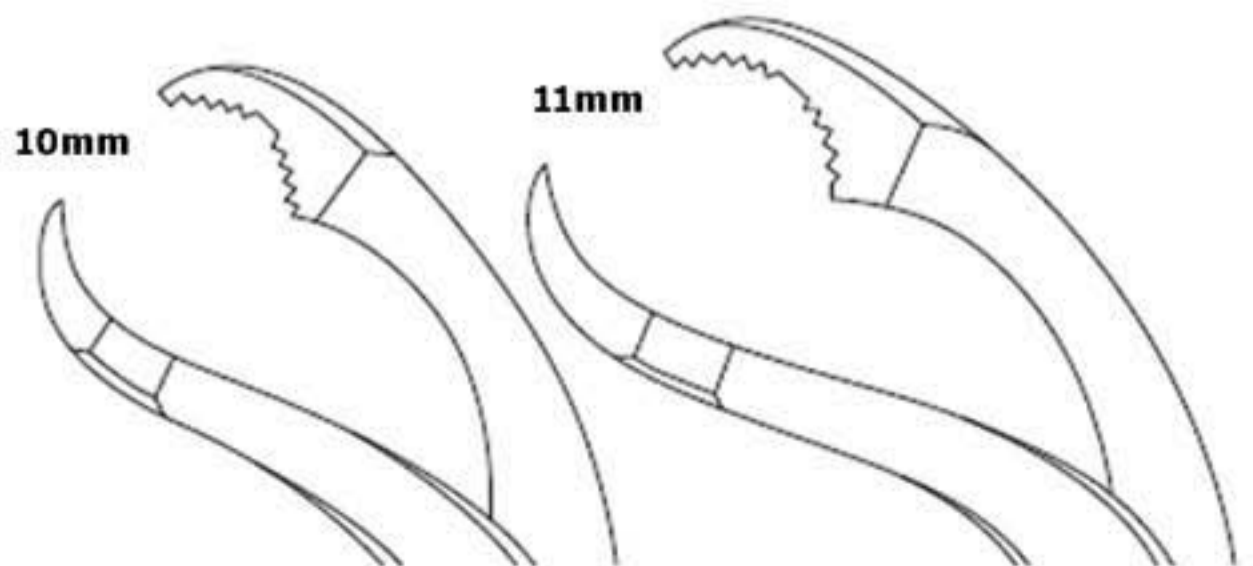
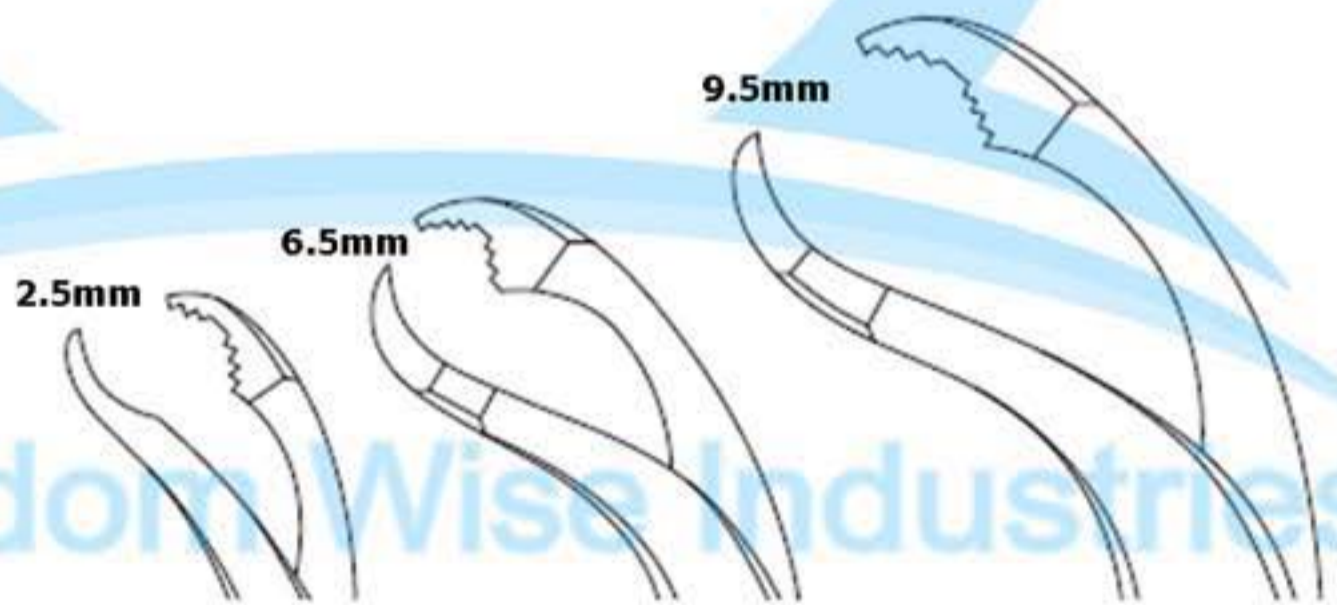
**BONE HOLDING** Curved  
 With Thread Fixation

27-1229 = 16cm  
 27-1230 = 24cm



**SELF CENTERING**

27-1232 = 15cm = 2.5mm  
 27-1233 = 19cm = 6.5mm  
 27-1234 = 24cm = 9.5mm  
 27-1235 = 26cm = 10mm  
 27-1236 = 28cm = 11mm





**FROSCH**  
Bone Holding Forceps  
27-1238  
18cm



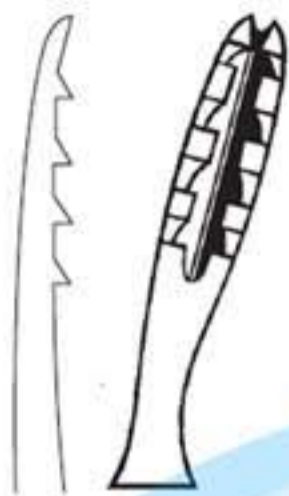
**SLIM**  
Bone Reposition Forceps  
27-1239  
20cm



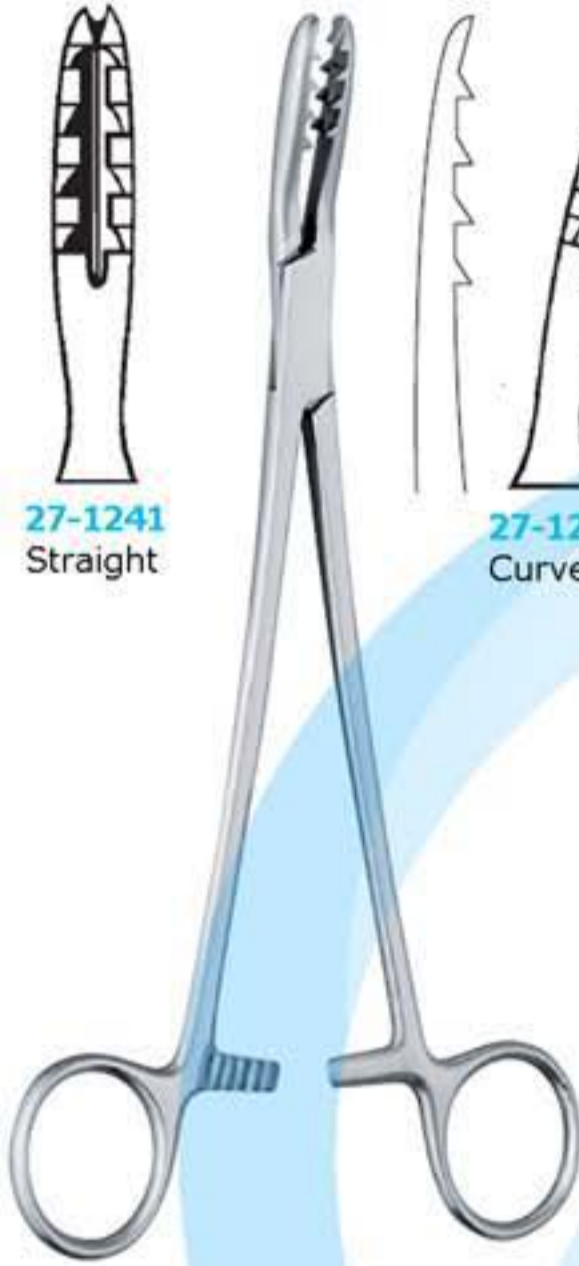
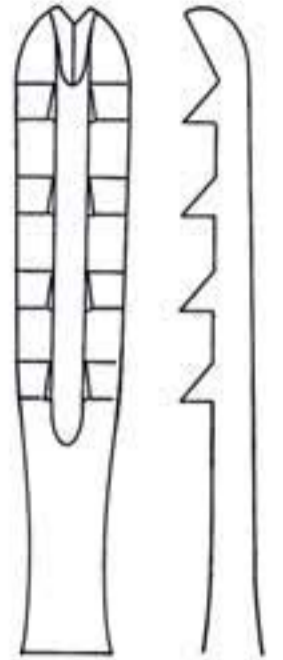
**PERCY RETRACTOR  
FOR AMPUTATION**  
27-1240



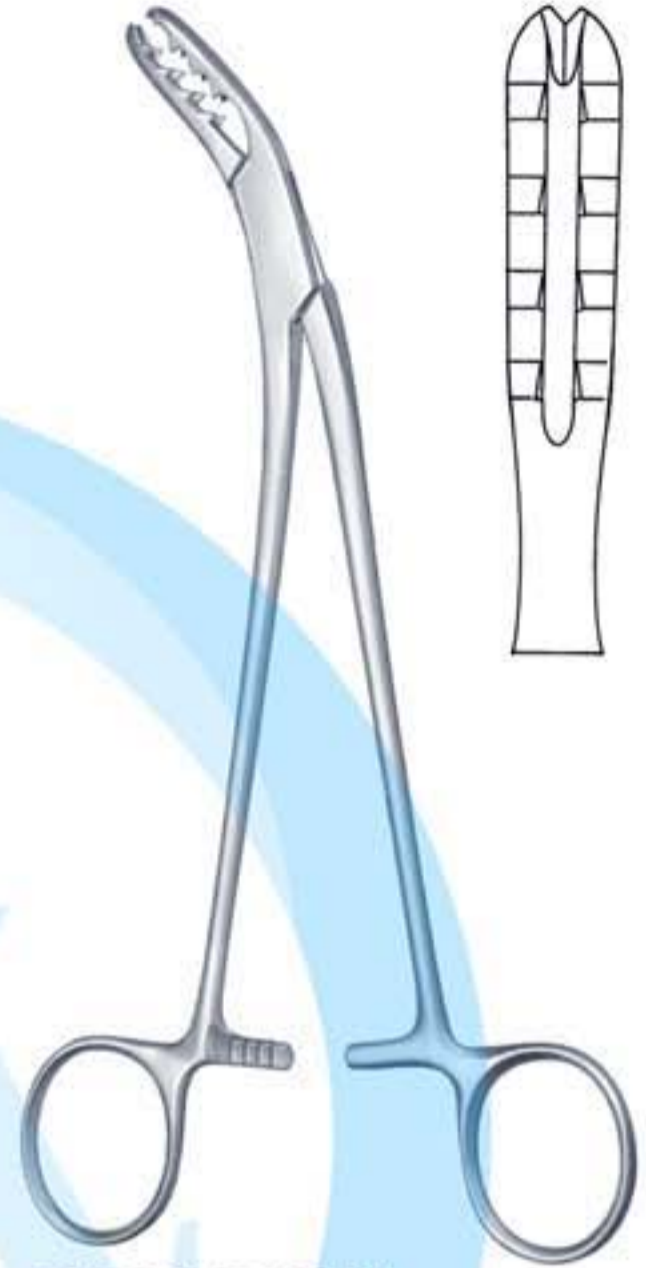
27-1241  
Straight



27-1242  
Curved



**BIRCHER GANSKE SEIZING** Forceps  
20cm



**BIRCHER GANSKE  
CARTILAGE SEIZING** Forceps  
27-1243  
20cm

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**BONE HOLDING** Forceps  
 27-1244  
 13.5cm



**LEWIN**  
 Bone Reposition Forceps  
 27-1246  
 17.5cm



**BONE REPOSITION**  
 Forceps  
 27-1248  
 14cm



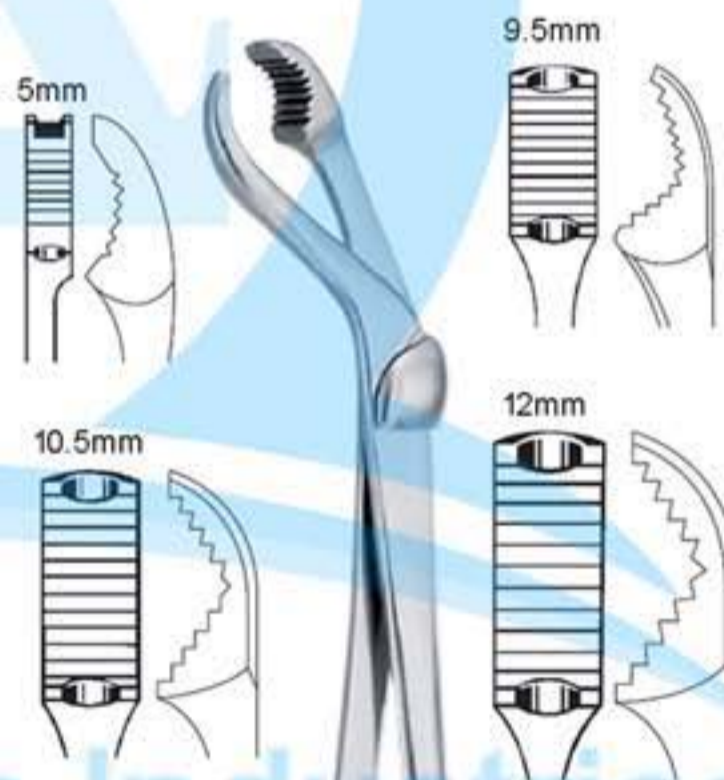
**DINGMAN CARTILAGE**  
**SEIZING** Forceps  
 Angled On side  
 2x2 Teeth  
 27-1250  
 19cm



**MARTIN**  
 Bone Holding Forceps  
 27-1252  
 19cm



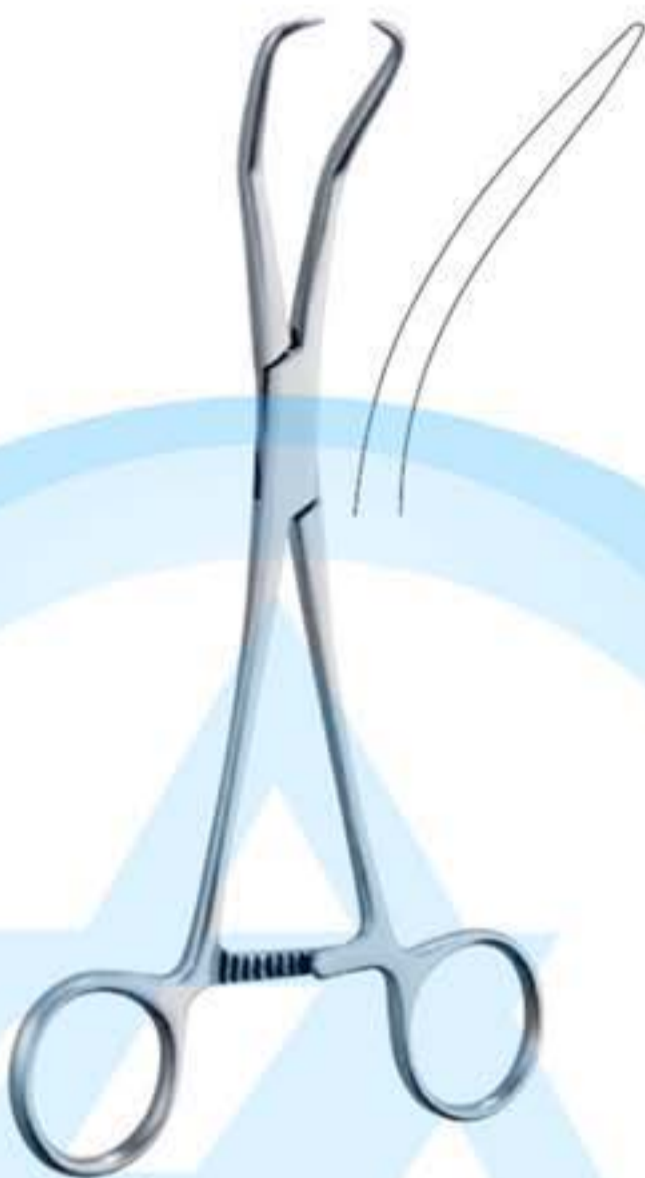
**MALLEOLAR**  
 Bone Reposition Forceps  
 27-1254  
 21cm



**VERBRUGGE** Bone Holding Forceps  
 27-1256 = 17.5cm = 5mm  
 27-1257 = 25cm = 9.5mm  
 27-1258 = 26cm = 10.5mm  
 27-1259 = 27cm = 12mm



**BONE REPOSITION** Forceps  
27-1266  
13.5cm



**REILL**  
Bone Reposition Forceps  
27-1268  
17cm



**BONE HOLDING** Forceps  
Lateral Teeth 30mm Jaw  
27-1270  
13.5cm



**SCREW HOLDING** Forceps  
27-1272  
9cm



**BENDING IRON**  
For Kirschner Wire  
27-1274  
12cm



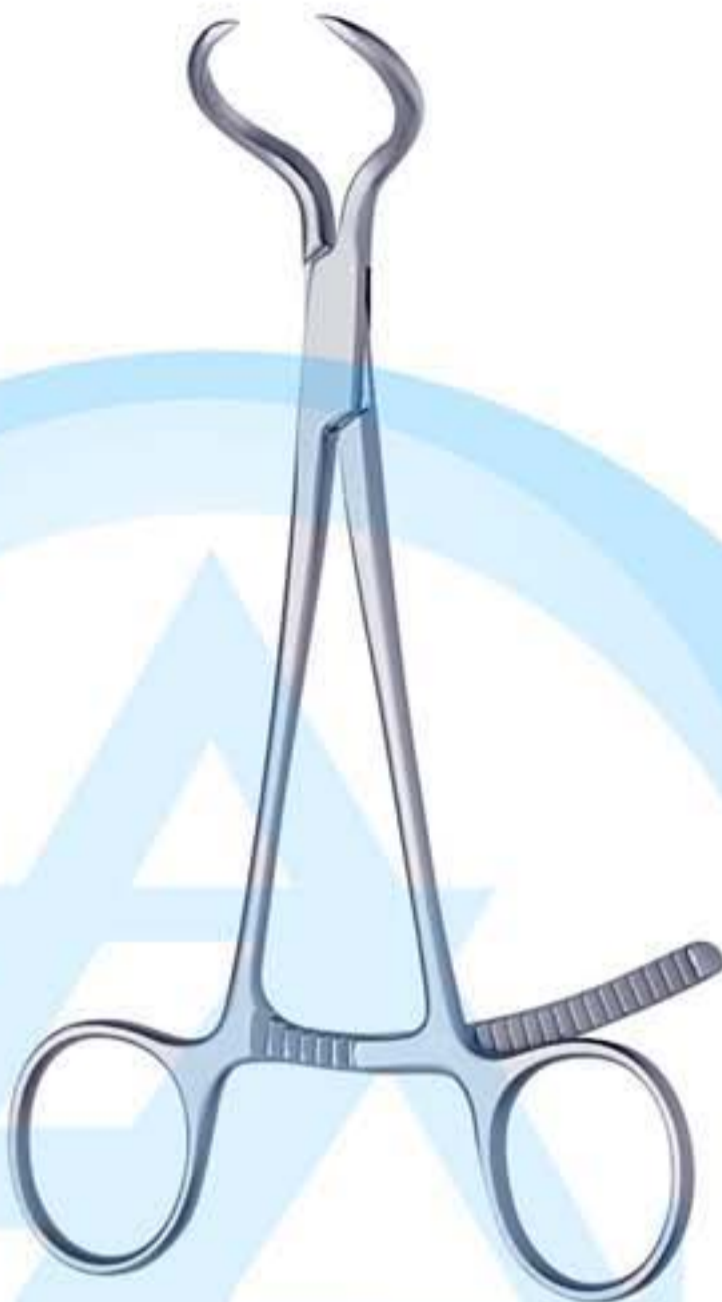
**BONE REPOSITION** Forceps  
27-1276  
9.5cm



**BONE PLATE HOLDING** Forceps  
27-1278  
12cm



**BONE REPOSITION  
SMALL** Forceps  
27-1280  
13.5cm



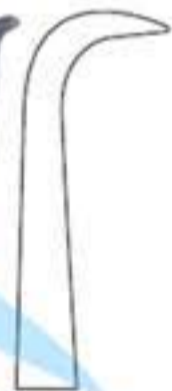
**BONE REPOSITION** Forceps  
Long Ratchet  
27-1282  
15cm



**BONE REPOSITION** Forceps  
27-1284  
20cm



**BONE REPOSITION** Forceps  
27-1286  
13.5cm



**HASSI**  
Bone Reposition Forceps  
27-1288  
16.5cm





**DEMEL 28cm**  
 27-1290 = x = 32mm  
 27-1291 = x = 45mm  
 27-1292 = x = 62mm



**DEMEL 27-1294**  
 28cm

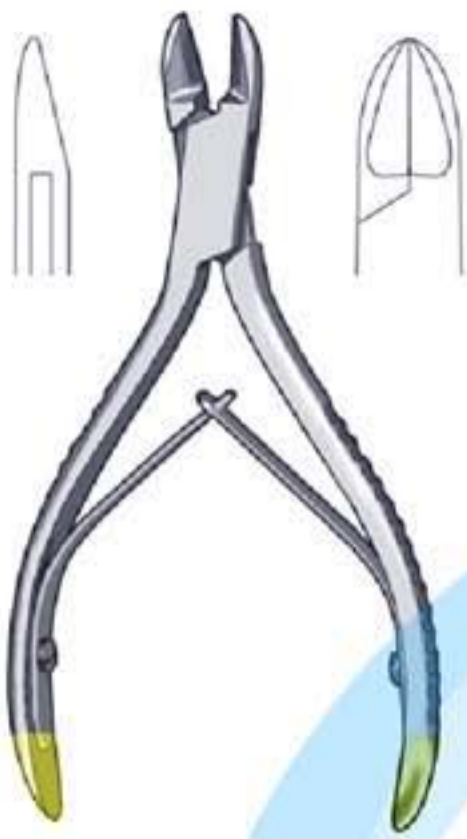


**LOUTE 27-1296**  
 21cm

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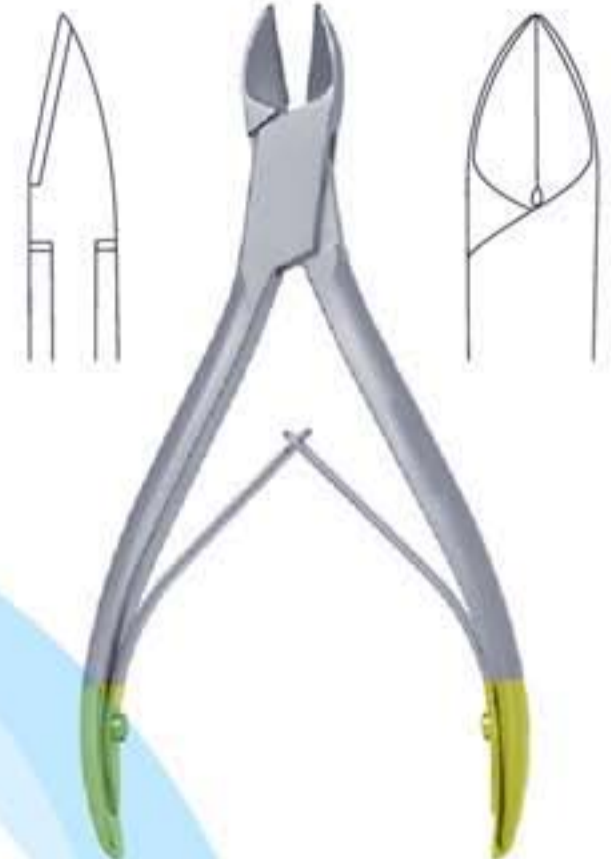
**WIRE INSTRUMENT 27-1298**  
 13cm



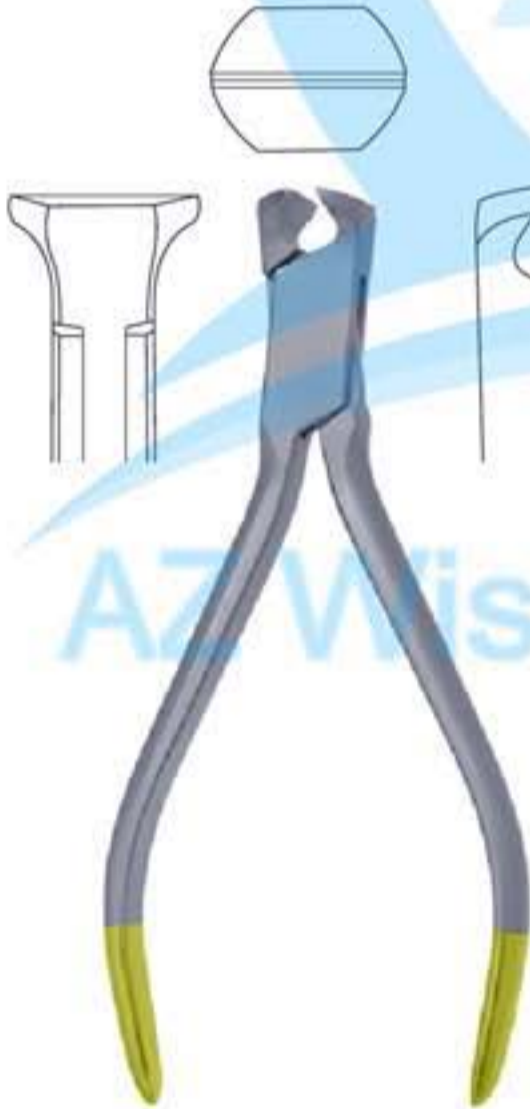
**WIRE CUTTER** 12.5cm  
**27-1300**  
For Wires Up To 0.7mm  
**T.C GOLD**



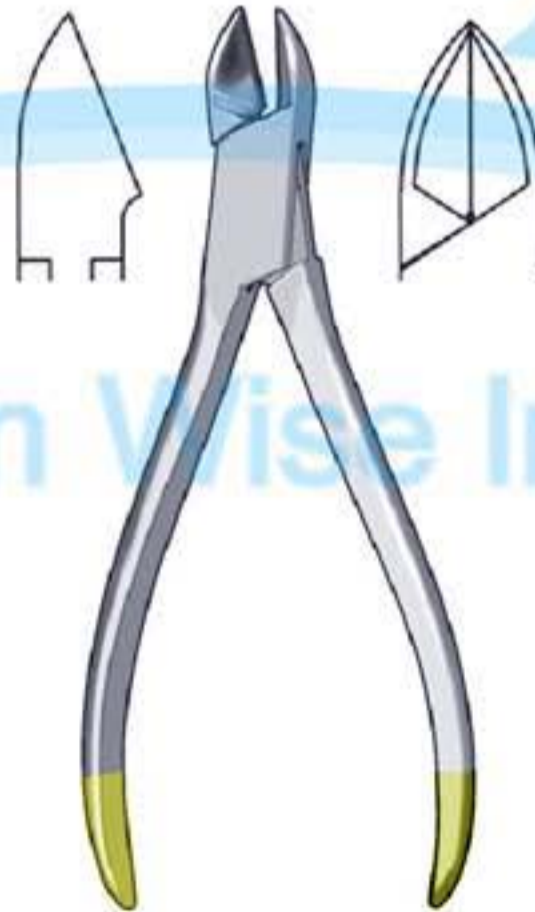
**WIRE CUTTER** 12.5cm  
**27-1301**  
For Wires Up To 0.7mm  
**T.C GOLD**



**WIRE CUTTER** 15cm  
**27-1302**  
For Wires Up To 1mm  
**T.C GOLD**



**WIRE END CUTTER** 14cm  
**27-1303**  
For Wires Up To 1mm  
**T.C GOLD**



**WIRE CUTTER** 15cm  
**27-1304**  
For Wires Up To 1mm  
**T.C GOLD**



**DISTAL END CUTTER** 13cm  
**27-1305**  
For Wires Up To 0.5mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS** 22cm  
**27-1307**  
 For Hard Wires Up To 2.2mm,  
 For Soft Wires Up To 2.8mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS** 22cm  
**27-1309**  
 For Hard Wires Up To 2.2mm,  
 For Soft Wires Up To 3mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS** 23cm  
**27-1311**  
 For Hard Wires Up To 2.2mm,  
 For Soft Wires Up To 3mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS** 18cm  
**27-1313**  
 For Hard Wires Up To 1.5mm,  
 For Soft Wires Up To 2mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS** 18cm  
**27-1315**  
 For Hard Wires Up To 1.7mm,  
 For Soft Wires Up To 2mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS** 15cm  
**27-1317**  
 For Hard Wires Up To 1mm,  
 For Soft Wires Up To 1.5mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS**  
 14.5cm  
**27-1319**  
 For Hard Wires Up To 1mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS** 57cm  
**27-1321**  
For Kirschner Wires And  
Steinmann Pins Up To 6mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS**  
18.5cm  
**27-1323**  
For hard Wires Up To 1.6mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS**  
26cm  
**27-1325**  
For hard Wires Up To 3mm  
**T.C GOLD**



**WIRE CUTTING FORCEPS** 18cm  
**27-1327**  
For hard Wires  
Up To 1.5mm  
Welded Tips  
**T.C GOLD**

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**TECHNICAL FORCEPS**  
 27-1330 = 13cm  
 27-1331 = 18cm



**TECHNICAL FORCEPS**  
 27-1333 = 14cm = x = 5mm  
 27-1334 = 14cm = x = 7mm  
 27-1335 = 17cm = x = 5mm  
 27-1336 = 17cm = x = 7mm  
**T.C GOLD**



27-1338  
 Fig. 1

27-1339  
 Fig. 2

**TECHNICAL FORCEPS**  
 18cm  
 2.5mm



**TECHNICAL FORCEPS**  
 27-1341  
 17cm



**TECHNICAL FORCEPS**  
 Adjustable  
 27-1343  
 19cm



Technical Forceps  
 Grip Forceps,  
 Combined With T.C Cutter  
 27-1345  
 22cm **T.C GOLD**



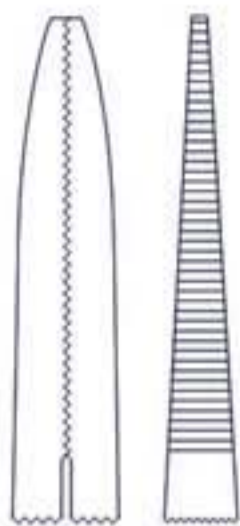
Technical Forceps  
 Wire Bending Forceps  
 27-1347  
 18.5cm



Technical Forceps  
 27-1349  
 18.5cm  
 Flat nose plier, parallel grip, incorporated  
 cutter, for hard wires up to 1.6 mm Ø



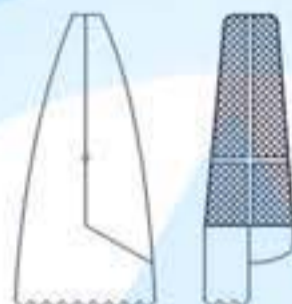
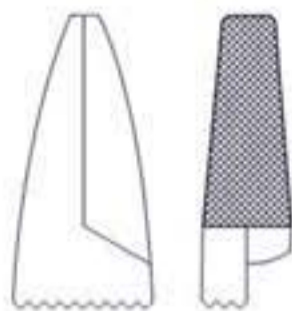
Technical Forceps  
 Locking Plier  
 27-1351 = 18cm  
 27-1352 = 20cm  
 27-1353 = 24cm



**NEEDLE NOSE PLIERS**

**27-1354**

18cm  
 Jaw 2 Inches  
 Long Delicate Jaw  
 Tappers To 2mm At Tip



**TECHNICAL PLIERS**

**27-1356**

17cm  
 With Serrated Jaw

**27-1357**

17cm  
 With Serrated Jaw  
 Crosswise Grooved



**TECHNICAL PLIERS**

**27-1359**

19cm  
 Rounded  
 With Serrated Jaw



**WIRE BENDING PLIERS**

**27-1361**

14cm



**WIRE CUTTER**

**27-1363**

17cm



**PLATE BENDING PLIERS**

**27-1365**

14cm  
 For 2.7mm And  
 3.5mm Plates



**PLATE BENDING PLIERS**

**27-1367**

14cm  
 For 1.5mm And  
 2mm Plates

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**WIRE STRAINER**  
 For Kirschner Wires  
**27-1370**  
 18cm



**KIRSCHNER**  
**27-1372** = x= 95mm,y= 70mm  
**27-1373** = x=100mm,y=100mm  
**27-1374** = x=120mm,y=120mm  
**27-1375** = x=155mm,y=155mm  
**27-1376** = x=200mm,y=155mm  
 With 3 Traction Hooks



**KIRSCHNER**  
**27-1378** = x = 130mm  
**27-1379** = x = 185mm  
**27-1380** = x = 220mm  
 With 3 Traction Hooks



**KIRSCHNER**  
**27-1382** = x=180mm,y=100mm  
**27-1383** = x=270mm,y=160mm  
 With 3 Traction Hooks



**KIRSCHNER**  
**27-1385** = x= 75mm,y= 90mm  
**27-1386** = x= 90mm,y=160mm  
**27-1387** = x=110mm,y=210mm  
**27-1388** = x=150mm,y=210mm



**OPEN END WRENCH**  
 SW 14mm / 17mm  
**27-1390**  
 19cm



**JACOBS CHUCK**  
 Opening Up To 6.35mm  
 27-1392



**HAND DRILL AND CHUCK**  
 Opening Up To 6.35mm  
 27-1394



**PERTHES**  
 27-1396 = 18cm  
 27-1397 = 21cm



**DRILL BITS**

- AO Shank
- 27-1400 = 1.0mmØ
  - 27-1401 = 1.5mmØ
  - 27-1402 = 2.0mmØ
  - 27-1403 = 2.5mmØ
  - 27-1404 = 2.8mmØ
  - 27-1405 = 3.0mmØ
  - 27-1406 = 3.2mmØ
  - 27-1407 = 3.5mmØ
  - 27-1408 = 4.0mmØ
  - 27-1409 = 5.0mmØ
  - 27-1410 = 6.0mmØ
  - 27-1411 = 7.0mmØ



**DRILL BITS**

- Round Shank
- 27-1413 = 1.0mmØ
  - 27-1414 = 1.5mmØ
  - 27-1415 = 2.0mmØ
  - 27-1416 = 2.5mmØ
  - 27-1417 = 2.8mmØ
  - 27-1418 = 3.0mmØ
  - 27-1419 = 3.2mmØ
  - 27-1420 = 3.5mmØ
  - 27-1421 = 4.0mmØ
  - 27-1422 = 5.0mmØ
  - 27-1423 = 6.0mmØ
  - 27-1424 = 7.0mmØ

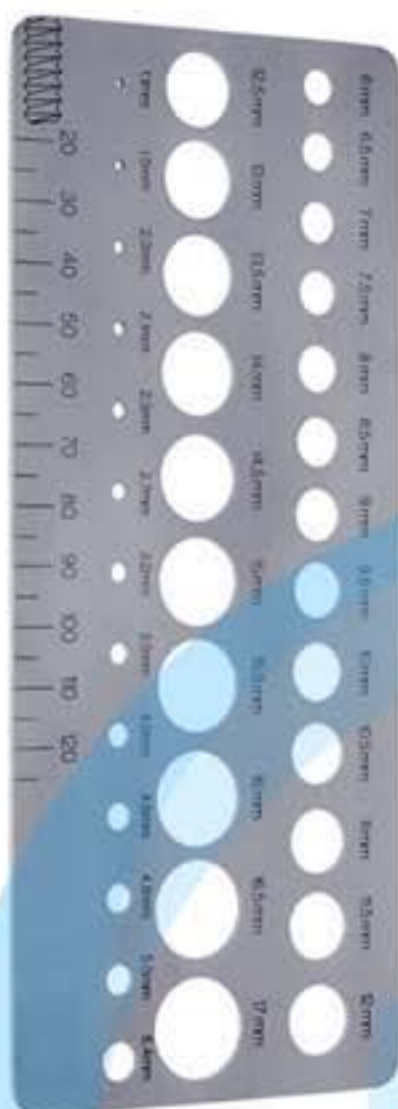


**REAMER**  
 27-1426  
 14cm



**REAMER**  
 Hollow Handle  
 27-1428  
 14cm





**MEASURING GAUGE FOR NAILS**  
 27-1430  
 Sheet



**TROCAR FOR NAILS**  
 27-1432 = 1 To 3.5mm  
 27-1433 = 3.5 To 5mm



**SLOTTED HAMMER**  
 27-1435  
 Solid



**SLOTTED HAMMER**  
 27-1437  
 Solid



**SHARP HOOK**  
 27-1439  
 Solid



**DEPTH GAUGE**  
 27-1440  
 For Screws  
 4.5mm And 6.5mm



**DEPTH GAUGE**  
 27-1442  
 For Screws  
 1.5mm And 2mm



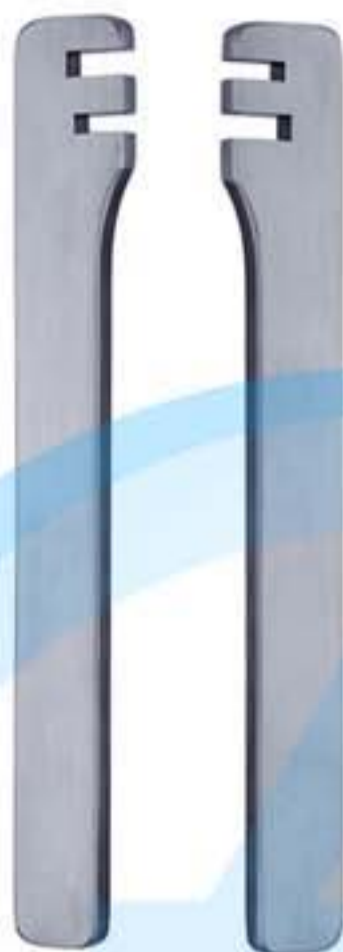
**NAIL FEELER**  
 27-1444



**HOOK AWL**  
 27-1446 = 15mm  
 27-1447 = 20mm



**BENDING IRON**  
 13cm  
 27-1449  
 For 1.5/2mm



**BENDING IRON**  
 14cm  
 For Small Plates To Be  
 Used As A Pair  
 Left And Right  
 27-1451 = Set  
 27-1452 = Left  
 27-1453 = Right



**BENDING IRON**  
 24cm  
 Handle Holes Measures  
 3.5, 5, 6.5, 8mm  
 27-1455  
 Standard Plate  
 For 5/7mm Plates



**BENDING IRON**  
 24.5cm  
 For Standard Plates  
 27-1457  
 Beak Opening  
 4 And 6mm  
 27-1458  
 Beak Opening  
 6 And 8mm



**BENDING IRON**  
 No. 42  
 27-1460



**BENDING TEMPLATES**  
 27-1462 = 5 Holes  
 27-1463 = 7 Holes  
 27-1464 = 9 Holes



**BENDING IRON**  
 18cm  
 27-1466  
 Double Ended  
 For 4.5/5mm Plates



**BENDING IRON**  
 13cm Used In Pair  
 27-1468 = Right = For 4.76mm  
 27-1469 = Right = For 4.76mm  
 27-1470 = Right = For 6.35mm  
 27-1471 = Right = For 6.35mm



**ROD HOLDING FORCEPS**

Straight

27-1473 = For Rod 3mm

27-1474 = For Rod 4mm

27-1475 = For Rod 5mm

27-1476 = For Rod 6mm

20cm



**ROD HOLDING FORCEPS**

Curved Angled

27-1478 = For Rod 3mm

27-1479 = For Rod 4mm

27-1480 = For Rod 5mm

27-1481 = For Rod 6mm

20cm



**ROD HOLDING FORCEPS**

Straight Narrow Nose 5.5mm Jaw

27-1483 = For Rod 3mm

27-1484 = For Rod 4mm

27-1485 = For Rod 5mm

27-1486 = For Rod 6mm

20cm



**ROD HOLDING FORCEPS**

Straight Short Nose

27-1488 = For Rod 3mm

27-1489 = For Rod 4mm

27-1490 = For Rod 5mm

27-1491 = For Rod 6mm

20cm



**WIRE TWISTER**  
 Straight Jaw Wide  
 27-1493 = 15.5cm  
 27-1494 = 18cm



**WIRE TWISTER**  
 Round Jaw Wide  
 27-1496 = 15.5cm  
 27-1497 = 18cm



**WIRE TWISTER**  
 Straight Jaw Wide  
 27-1499 = 15.5cm  
 27-1500 = 20cm



**BAUMGARTNER WIRE TWISTER**  
 Straight Jaw Wide  
 27-1502 = 20cm



**WIRE TWISTER**  
 Curved Jaw  
 27-1504 = 14.5cm



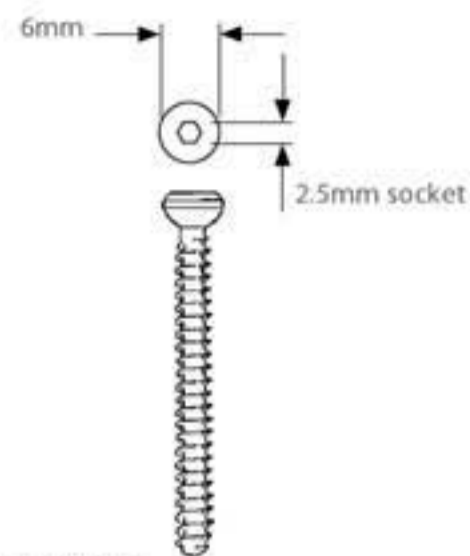
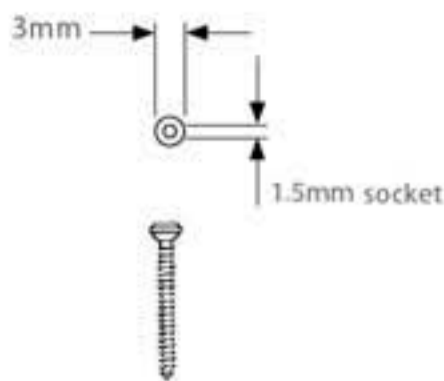
**CORWIN WIRE TWISTER**  
 27-1506 = 16cm



**BERRY WIRE TWISTER**  
 Heavy Pattern  
 27-1508 = 19cm



**WIRE TWISTER**  
 27-1510 = 18cm



**1.5MM CORTICAL SCREWS**

Thread Diameter = 1.5mm  
 Hexagonal Socket = 1.5mm  
 Total Length

- 27-1512 = 6mm
- 27-1513 = 7mm
- 27-1514 = 8mm
- 27-1515 = 9mm
- 27-1516 = 10mm
- 27-1517 = 11mm
- 27-1518 = 12mm
- 27-1519 = 14mm
- 27-1520 = 16mm
- 27-1521 = 18mm
- 27-1522 = 20mm
- 27-1523 = 22mm

**2.0MM CORTICAL SCREWS**

Thread Diameter = 2.0mm  
 Hexagonal Socket = 1.5mm  
 Total Length

- 27-1525 = 6mm
- 27-1526 = 8mm
- 27-1527 = 10mm
- 27-1528 = 12mm
- 27-1529 = 14mm
- 27-1530 = 16mm
- 27-1531 = 18mm
- 27-1532 = 20mm
- 27-1533 = 22mm

**2.7MM CORTICAL SCREWS**

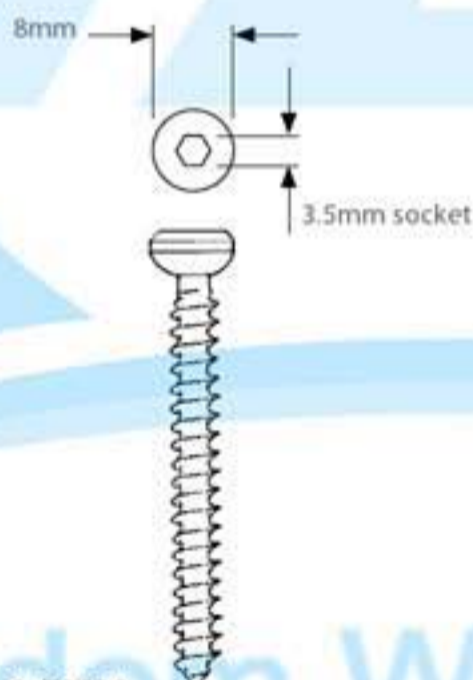
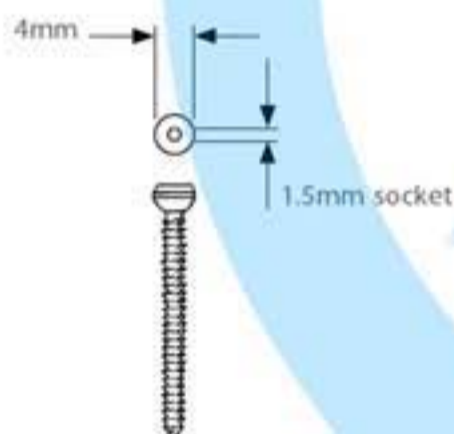
Thread Diameter = 2.7mm  
 Hexagonal Socket = 2.5mm  
 Core Diameter = 1.9mm  
 Head Diameter = 5.0mm  
 Total Length

- 27-1545 = 6mm
- 27-1546 = 8mm
- 27-1547 = 10mm
- 27-1548 = 12mm
- 27-1549 = 14mm
- 27-1550 = 16mm
- 27-1551 = 18mm
- 27-1552 = 20mm
- 27-1553 = 22mm
- 27-1554 = 24mm
- 27-1555 = 26mm
- 27-1556 = 28mm
- 27-1557 = 30mm

**3.5MM CORTICAL SCREWS**

Thread Diameter = 3.5mm  
 Pitch = 1.25mm (Fine Thread)  
 Hexagonal Socket = 2.5mm  
 Core Diameter = 2.4mm  
 Head Diameter = 6.0mm  
 Total Length

- 27-1559 = 10mm
- 27-1560 = 12mm
- 27-1561 = 14mm
- 27-1562 = 16mm
- 27-1563 = 18mm
- 27-1564 = 20mm
- 27-1565 = 22mm
- 27-1566 = 24mm
- 27-1567 = 26mm
- 27-1568 = 28mm
- 27-1569 = 30mm
- 27-1570 = 32mm
- 27-1571 = 34mm
- 27-1572 = 36mm
- 27-1573 = 38mm
- 27-1574 = 40mm
- 27-1575 = 45mm
- 27-1576 = 50mm



**2.4MM CORTICAL SCREWS**

Thread Diameter = 2.4mm  
 Hexagonal Socket = 1.5mm  
 Total Length

- 27-1535 = 6mm
- 27-1536 = 8mm
- 27-1537 = 10mm
- 27-1538 = 12mm
- 27-1539 = 14mm
- 27-1540 = 16mm
- 27-1541 = 18mm
- 27-1542 = 20mm
- 27-1543 = 22mm

**4.5MM CORTICAL SCREWS**

Fully Threaded  
 Thread Diameter = 4.5mm  
 Hexagonal Socket = 3.5mm  
 Total Length

- 27-1578 = 14mm
- 27-1579 = 16mm
- 27-1580 = 18mm
- 27-1581 = 20mm
- 27-1582 = 22mm
- 27-1583 = 24mm
- 27-1584 = 26mm
- 27-1585 = 28mm
- 27-1586 = 30mm
- 27-1587 = 32mm
- 27-1588 = 34mm
- 27-1589 = 36mm
- 27-1590 = 38mm
- 27-1591 = 40mm
- 27-1592 = 42mm
- 27-1593 = 44mm
- 27-1594 = 46mm
- 27-1595 = 48mm
- 27-1596 = 50mm
- 27-1597 = 52mm
- 27-1598 = 54mm
- 27-1599 = 56mm
- 27-1600 = 58mm
- 27-1601 = 60mm
- 27-1602 = 62mm
- 27-1603 = 64mm
- 27-1604 = 66mm
- 27-1605 = 68mm
- 27-1606 = 70mm



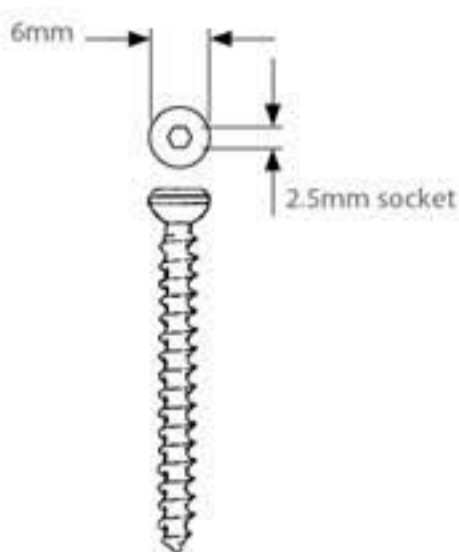
**HEXAGONAL ALLEN KEY**

- 27-1608 = 1.5mm
- 27-1609 = 2.5mm
- 27-1610 = 3.5mm



**WASHERS**

- 27-1612 = 7mm
- 27-1613 = 11mm
- 27-1614 = 13mm



**4.0MM CANCELLOUS SCREWS**

Thread Diameter = 1.5mm  
 Pitch = 1.75 (Course Thread)  
 Hexagonal Socket = 2.5mm  
 Core Diameter = 1.9mm  
 Head Diameter = 6.0mm  
 Shaft Diameter = 2.3mm

Total Length

- 27-1616 = 10mm
- 27-1617 = 12mm
- 27-1618 = 14mm
- 27-1619 = 16mm
- 27-1620 = 18mm
- 27-1621 = 20mm
- 27-1622 = 22mm
- 27-1623 = 24mm
- 27-1624 = 26mm
- 27-1625 = 28mm
- 27-1626 = 30mm
- 27-1627 = 32mm
- 27-1628 = 35mm
- 27-1629 = 40mm
- 27-1630 = 45mm
- 27-1631 = 50mm
- 27-1632 = 55mm
- 27-1633 = 60mm

**4.0MM CANCELLOUS SCREWS**

Partially Threaded  
 Thread Diameter = 4.0mm  
 Hexagonal Socket = 2.5mm  
 Core Diameter = 1.9mm  
 Head Diameter = 6.0mm  
 Shaft Diameter = 2.4mm

Total Length

- 27-1635 = 10mm
- 27-1636 = 12mm
- 27-1637 = 14mm
- 27-1638 = 16mm
- 27-1639 = 18mm
- 27-1640 = 20mm
- 27-1641 = 22mm
- 27-1642 = 24mm
- 27-1643 = 26mm
- 27-1644 = 28mm
- 27-1645 = 30mm
- 27-1646 = 35mm
- 27-1647 = 40mm
- 27-1648 = 45mm
- 27-1649 = 50mm
- 27-1650 = 55mm
- 27-1651 = 60mm



16mm thread length

**6.5MM CANCELLOUS SCREWS**

Partially Thread = 16mm  
 Thread Diameter = 6.5mm  
 Hexagonal Socket = 3.5mm  
 Shaft Diameter = 4.5mm

Total Length

- 27-1653 = 30mm
- 27-1654 = 35mm
- 27-1655 = 40mm
- 27-1656 = 45mm
- 27-1657 = 50mm
- 27-1658 = 55mm
- 27-1659 = 60mm
- 27-1660 = 65mm
- 27-1661 = 70mm
- 27-1662 = 75mm
- 27-1663 = 80mm
- 27-1664 = 85mm
- 27-1665 = 90mm
- 27-1666 = 95mm
- 27-1667 = 100mm
- 27-1668 = 105mm
- 27-1669 = 110mm

**6.5MM CANCELLOUS SCREWS**

Partially Thread = 32mm  
 Thread Diameter = 6.5mm  
 Hexagonal Socket = 3.5mm  
 Shaft Diameter = 4.5mm

Total Length

- 27-1671 = 40mm
- 27-1672 = 45mm
- 27-1673 = 50mm
- 27-1674 = 55mm
- 27-1675 = 60mm
- 27-1676 = 65mm
- 27-1677 = 70mm
- 27-1678 = 75mm
- 27-1679 = 80mm
- 27-1680 = 85mm
- 27-1681 = 90mm
- 27-1682 = 95mm
- 27-1683 = 100mm
- 27-1684 = 105mm
- 27-1685 = 110mm

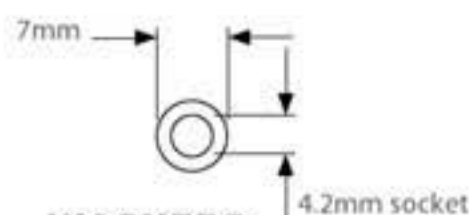


**6.5MM CANCELLOUS SCREWS**

Fully Threaded  
 Thread Diameter = 6.5mm  
 Hexagonal Socket = 3.5mm

Total Length

- 27-1687 = 20mm
- 27-1688 = 25mm
- 27-1689 = 30mm
- 27-1690 = 35mm
- 27-1691 = 40mm
- 27-1692 = 45mm
- 27-1693 = 50mm
- 27-1694 = 55mm
- 27-1695 = 60mm
- 27-1696 = 65mm
- 27-1697 = 70mm
- 27-1698 = 75mm
- 27-1699 = 80mm
- 27-1700 = 85mm
- 27-1701 = 90mm
- 27-1702 = 95mm
- 27-1703 = 100mm
- 27-1704 = 105mm
- 27-1705 = 110mm



**WASHERS**

For 4mm Cancellous Screws  
 27-1707 = 7mm



**1.5MM CORTEX SELF - TAPPING SCREWS**

Thread Diameter = 1.5mm  
 Hexagonal Socket = 1.5mm  
 Total Length

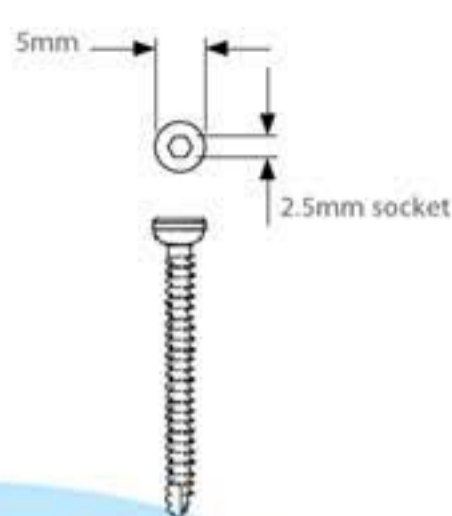
- 27-1709 = 6mm
- 27-1710 = 7mm
- 27-1711 = 8mm
- 27-1712 = 9mm
- 27-1713 = 10mm
- 27-1714 = 11mm
- 27-1715 = 12mm
- 27-1716 = 14mm
- 27-1717 = 16mm
- 27-1718 = 18mm
- 27-1719 = 20mm
- 27-1720 = 22mm



**2.0MM CORTEX SELF - TAPPING SCREWS**

Thread Diameter = 2.0mm  
 Hexagonal Socket = 1.5mm  
 Total Length

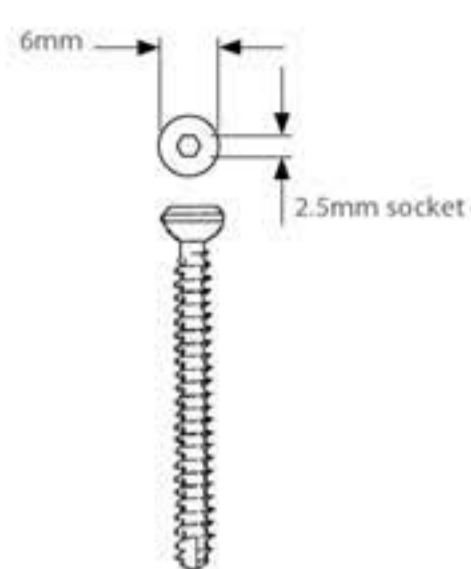
- 27-1722 = 6mm
- 27-1723 = 8mm
- 27-1724 = 10mm
- 27-1725 = 12mm
- 27-1726 = 14mm
- 27-1727 = 16mm
- 27-1728 = 18mm
- 27-1729 = 20mm
- 27-1730 = 22mm



**2.7MM CORTEX SELF - TAPPING SCREWS**

Thread Diameter = 2.7mm  
 Hexagonal Socket = 2.5mm  
 Total Length

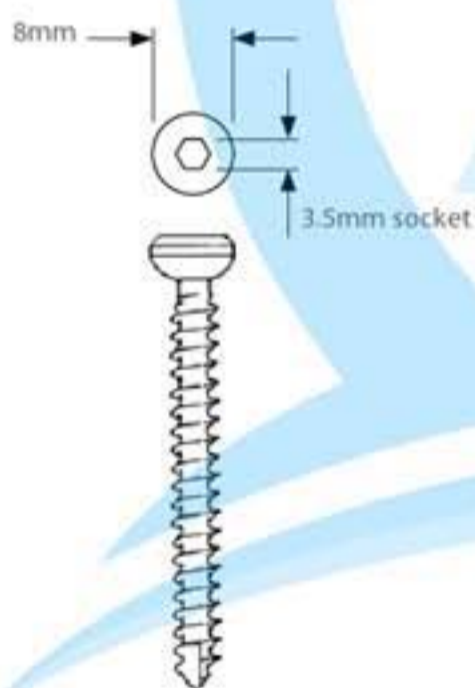
- 27-1732 = 6mm
- 27-1733 = 8mm
- 27-1734 = 10mm
- 27-1735 = 12mm
- 27-1736 = 14mm
- 27-1737 = 16mm
- 27-1738 = 18mm
- 27-1739 = 20mm
- 27-1740 = 22mm
- 27-1741 = 24mm
- 27-1742 = 26mm
- 27-1743 = 28mm
- 27-1744 = 30mm
- 27-1745 = 32mm
- 27-1746 = 34mm
- 27-1747 = 40mm



**3.5MM CORTEX SELF - TAPPING SCREWS**

Thread Diameter = 3.5mm  
 Pitch = 1.25mm (Fine Thread)  
 Hexagonal Socket = 2.5mm  
 Total Length

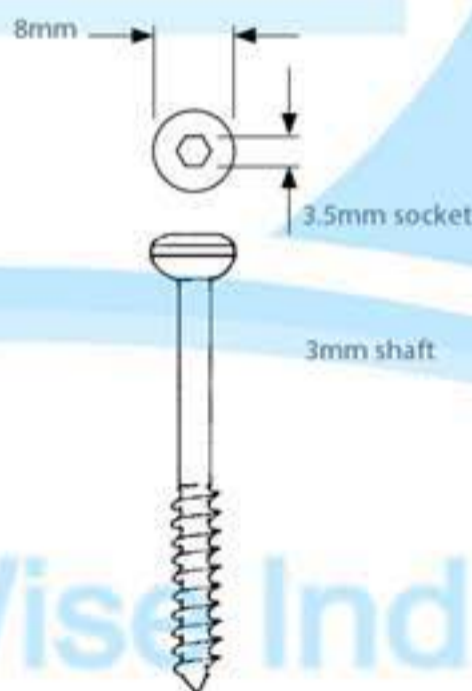
- 27-1749 = 10mm
- 27-1750 = 12mm
- 27-1751 = 14mm
- 27-1752 = 16mm
- 27-1753 = 18mm
- 27-1754 = 20mm
- 27-1755 = 22mm
- 27-1756 = 24mm
- 27-1757 = 26mm
- 27-1758 = 28mm
- 27-1759 = 30mm
- 27-1760 = 32mm
- 27-1761 = 34mm
- 27-1762 = 36mm
- 27-1763 = 38mm
- 27-1764 = 40mm
- 27-1765 = 45mm
- 27-1766 = 50mm
- 27-1767 = 55mm
- 27-1768 = 60mm
- 27-1769 = 65mm
- 27-1770 = 70mm



**4.5MM CORTEX SELF - TAPPING SCREWS**

Fully Threaded  
 Thread Diameter = 4.5mm  
 Hexagonal Socket = 3.5mm  
 Total Length

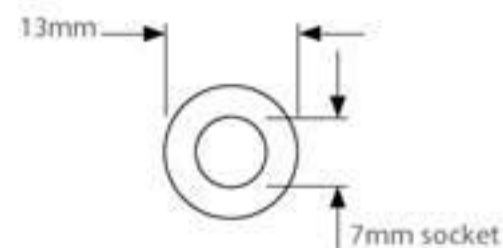
- |                |                |
|----------------|----------------|
| 27-1772 = 14mm | 27-1787 = 44mm |
| 27-1773 = 16mm | 27-1788 = 46mm |
| 27-1774 = 18mm | 27-1789 = 48mm |
| 27-1775 = 20mm | 27-1790 = 50mm |
| 27-1776 = 22mm | 27-1791 = 52mm |
| 27-1777 = 24mm | 27-1792 = 54mm |
| 27-1778 = 26mm | 27-1793 = 56mm |
| 27-1779 = 28mm | 27-1794 = 58mm |
| 27-1780 = 30mm | 27-1795 = 60mm |
| 27-1781 = 32mm | 27-1796 = 62mm |
| 27-1782 = 34mm | 27-1797 = 64mm |
| 27-1783 = 36mm | 27-1798 = 66mm |
| 27-1784 = 38mm | 27-1799 = 68mm |
| 27-1785 = 40mm | 27-1800 = 70mm |
| 27-1786 = 42mm |                |



**4.5MM MALLEOLAR SCREWS**

Partially Threaded  
 Thread Diameter = 4.5mm  
 Hexagonal Socket = 3.5mm  
 Shaft Diameter = 3mm  
 Total Length

- 27-1802 = 25mm
- 27-1803 = 30mm
- 27-1804 = 35mm
- 27-1805 = 40mm
- 27-1806 = 45mm
- 27-1807 = 50mm
- 27-1808 = 55mm
- 27-1809 = 60mm
- 27-1810 = 65mm
- 27-1811 = 70mm



**WASHER**

For 4.5 Malleolar Screws And 6.5mm Cancellous Screws  
 27-1813 = 13mm



**DRILL BITS**

15cm  
27-1815 = 3.5mm  
27-1816 = 4.0mm  
27-1817 = 4.8mm



**DRILL BITS  
AO SHAFT**

With End To Fit Quick Coupling  
27-1825 = 3.2mm  
27-1826 = 4.5mm



**DRILL BITS**

15cm  
27-1818 = 5.0mm



**DRILL BITS**

15cm  
27-1827 = 2.7mm  
27-1828 = 3.5mm  
27-1829 = 4.0mm  
27-1830 = 4.8mm



**DRILL BITS  
AO SHAFT**

27-1819 = 2.0mm  
27-1820 = 2.5mm



**DRILL BITS  
AO SHAFT**

With End To Fit Quick Coupling  
27-1821 = 1.1mm  
27-1822 = 1.5mm  
27-1823 = 2.0mm  
27-1824 = 2.7mm



**DRILL BITS**

Extra Long  
27-1832 = 3.5mm  
27-1833 = 4.5mm



**DRILL TAPS**

27-1835 = 6.5mm



**DRILL TAPS**

27-1837 = 4.5mm



**DRILL TAPS**

27-1839 = 3.5mm / 1.25mm Pitch, Cortex  
27-1840 = 3.5mm / 1.75mm Pitch Cancellous  
27-1841 = 4.0mm / 1.75mm Pitch



**TAP HANDLE**

With Quick Coupling  
27-1849

AZ Wisdom Wise Industries



**TROCARS**

27-1843 = 4.0mm x 240mm



**GUIDE PIN**

Tip Threaded  
27-1845 = 3.2mm x 305mm



**GUIDE ROD**

For Cannulated Screws  
27-1847 = 1.8mm x 350mm





**MINI DRILL GUIDE SLEEVE**

27-1851 = For 1.1mm And 1.5mm Drill Bits  
27-1852 = For 1.5mm And 2.0mm Drill Bits



**DRILL GUIDE**

27-1867 = For Tap 2.7mm And 1.0mm Drill Sleeves



**DRILL GUIDE**

27-1854 = Tap 3.5mm And 2.5mm Drill Bits  
27-1855 = For 2.7mm And 2.0mm Drill Bits



**DRILL GUIDE**

27-1869 = For Tap 3.5mm And 2.5mm Drill Sleeves



**DRILL GUIDE AND DRILL SLEEVE**

27-1857 = 2.0mm Drill Bits



**NEUTRAL AND LOAD HIP DRILL GUIDE  
LONG**

27-1871 = 3.2mm



**NEUTRAL AND LOAD DRILL GUIDE**

3.5mm  
27-1859 = 3.5mm Cortex Screws  
With Fine Thread  
Used With 2.5mm Drill Guide



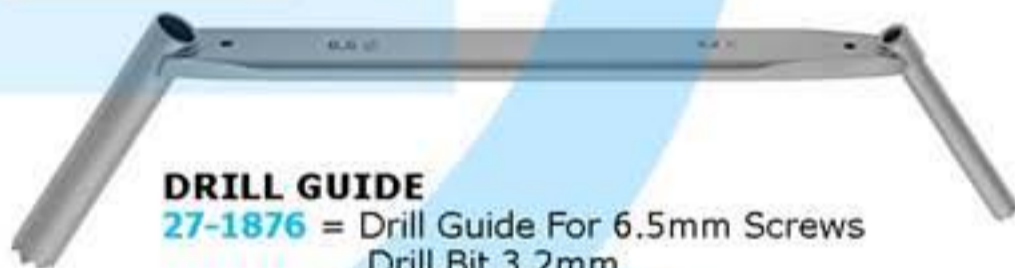
**DRILL GUIDE**

27-1873 = For Tap Sleeve 4.5mm And 3.2mm Drill Sleeve  
27-1874 = Drill Guide For 4.5mm Screws  
Drill Bit 4.5mm And 3.2mm



**DRILL GUIDE TAP SLEEVE**

3.5mm  
27-1861 = Also For Use As 3.2mm Drill Guide



**DRILL GUIDE**

27-1876 = Drill Guide For 6.5mm Screws  
Drill Bit 3.2mm



**DRILL GUIDE TAP SLEEVE**

4.5mm  
27-1863



**DRILL GUIDE SLEEVE FOR ROUND HOLE PLATES**

27-1865

**KRISCHNER WIRES**

Trocar/Round  
 27-1878 = 1.0mm = 300mm  
 27-1879 = 1.2mm = 300mm  
 27-1880 = 1.4mm = 300mm  
 27-1881 = 1.5mm = 300mm  
 27-1882 = 1.6mm = 300mm  
 27-1883 = 1.8mm = 300mm  
 27-1884 = 2.0mm = 300mm  
 27-1885 = 2.2mm = 300mm  
 27-1886 = 2.5mm = 300mm  
 27-1887 = 3.0mm = 300mm  
 27-1888 = 5.0mm = 300mm

**KRISCHNER WIRES**

Trocar/Trocar  
 27-1890 = 1.0mm = 300mm  
 27-1891 = 1.2mm = 300mm  
 27-1892 = 1.4mm = 300mm  
 27-1893 = 1.5mm = 300mm  
 27-1894 = 1.6mm = 300mm  
 27-1895 = 1.8mm = 300mm  
 27-1896 = 2.0mm = 300mm  
 27-1897 = 2.2mm = 300mm  
 27-1898 = 2.5mm = 300mm  
 27-1899 = 3.0mm = 300mm  
 27-1900 = 5.0mm = 300mm

**KRISCHNER WIRES**

Trocar/Round  
 27-1902 = 0.8mm = 70mm  
 27-1903 = 1.0mm = 70mm  
 27-1904 = 1.5mm = 70mm  
 27-1905 = 2.5mm = 70mm

**KRISCHNER WIRES**

Trocar/Round  
 27-1907 = 0.8mm = 150mm  
 27-1908 = 1.0mm = 150mm  
 27-1909 = 1.2mm = 150mm  
 27-1910 = 1.4mm = 150mm  
 27-1911 = 1.5mm = 150mm  
 27-1912 = 1.6mm = 150mm  
 27-1913 = 1.8mm = 150mm  
 27-1914 = 2.0mm = 150mm  
 27-1915 = 2.2mm = 150mm  
 27-1916 = 2.5mm = 150mm  
 27-1917 = 3.0mm = 150mm

**KRISCHNER WIRES**

Trocar/Trocar  
 27-1919 = 0.8mm = 150mm  
 27-1920 = 1.0mm = 150mm  
 27-1921 = 1.2mm = 150mm  
 27-1922 = 1.4mm = 150mm  
 27-1923 = 1.5mm = 150mm  
 27-1924 = 1.6mm = 150mm  
 27-1925 = 1.8mm = 150mm  
 27-1926 = 2.0mm = 150mm  
 27-1927 = 2.2mm = 150mm  
 27-1928 = 2.5mm = 150mm  
 27-1929 = 3.0mm = 150mm

**KRISCHNER WIRES**

Trocar/Round/Thread  

	Dia.	Length	Thread
27-1931	1.6mm	150mm	5mm
27-1932	1.6mm	150mm	15mm
27-1933	2.0mm	150mm	15mm
27-1934	2.0mm	200mm	15mm
27-1935	2.5mm	200mm	15mm
27-1936	2.5mm	230mm	20mm

**STEINMANN PINS**

Trocar/Round 3.5mm  
 27-1938 = 120mm  
 27-1939 = 150mm  
 27-1940 = 180mm  
 27-1941 = 200mm  
 27-1942 = 250mm  
 27-1943 = 300mm  
 Trocar/Triangular  
 3.5mm  
 27-1944 = 120mm  
 27-1945 = 150mm  
 27-1946 = 180mm  
 27-1947 = 200mm  
 27-1948 = 250mm  
 27-1949 = 300mm

**STEINMANN PINS**

Trocar/Round 4.0mm  
 27-1951 = 120mm  
 27-1952 = 150mm  
 27-1953 = 180mm  
 27-1954 = 200mm  
 27-1955 = 250mm  
 27-1956 = 300mm  
 Trocar/Triangular  
 4.0mm  
 27-1957 = 120mm  
 27-1958 = 150mm  
 27-1959 = 180mm  
 27-1960 = 200mm  
 27-1961 = 250mm  
 27-1962 = 300mm

**STEINMANN PINS**

Trocar/Round 4.5mm  
 27-1964 = 120mm  
 27-1965 = 150mm  
 27-1966 = 180mm  
 27-1967 = 200mm  
 27-1968 = 250mm  
 27-1969 = 300mm  
 Trocar/Triangular  
 4.5mm  
 27-1970 = 120mm  
 27-1971 = 150mm  
 27-1972 = 180mm  
 27-1973 = 200mm  
 27-1974 = 250mm  
 27-1975 = 300mm

**STEINMANN PINS**

Trocar/Round 5.0mm  
 27-1977 = 120mm  
 27-1978 = 150mm  
 27-1979 = 180mm  
 27-1980 = 200mm  
 27-1981 = 250mm  
 27-1982 = 300mm  
 Trocar/Triangular  
 5.0mm  
 27-1983 = 120mm  
 27-1984 = 150mm  
 27-1985 = 180mm  
 27-1986 = 200mm  
 27-1987 = 250mm  
 27-1988 = 300mm

**STEINMANN PINS**

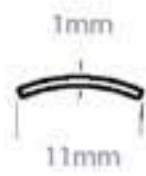
Trocar/Round/Thread  
 Thread 0.5mm More than Pins Dia.  

	Dia.	Length
27-1990	3.0mm	150mm
27-1991	3.0mm	180mm
27-1992	3.0mm	200mm
27-1993	3.0mm	230mm
27-1994	3.5mm	150mm
27-1995	3.5mm	180mm
27-1996	3.5mm	200mm
27-1997	3.5mm	230mm
27-1998	4.0mm	150mm
27-1999	4.0mm	180mm
27-2000	4.0mm	200mm
27-2001	4.0mm	230mm
27-2002	4.0mm	250mm
27-2003	4.5mm	150mm
27-2004	4.5mm	180mm
27-2005	4.5mm	200mm
27-2006	4.5mm	230mm
27-2007	4.5mm	250mm
27-2008	4.5mm	300mm
27-2009	5.0mm	150mm
27-2010	5.0mm	180mm
27-2011	5.0mm	200mm
27-2012	5.0mm	230mm
27-2013	5.0mm	250mm
27-2014	5.0mm	300mm

**SCHANZ SCREWS**

Trocar/Round/Thread  

	Dia.	Length	Thread Length
27-2016	3.0mm	60mm	20mm
27-2017	3.0mm	80mm	20mm
27-2018	4.0mm	60mm	25mm
27-2019	4.0mm	100mm	25mm
27-2020	4.0mm	130mm	25mm
27-2021	4.0mm	170mm	25mm
27-2022	4.5mm	100mm	25mm
27-2023	4.5mm	120mm	50mm
27-2024	4.5mm	150mm	50mm
27-2025	4.5mm	170mm	50mm
27-2026	4.5mm	200mm	50mm
27-2027	4.5mm	250mm	50mm
27-2028	5.0mm	100mm	50mm
27-2029	5.0mm	125mm	50mm
27-2030	5.0mm	150mm	50mm
27-2031	5.0mm	170mm	50mm
27-2032	5.0mm	200mm	50mm
27-2033	5.0mm	250mm	50mm
27-2034	6.0mm	100mm	30mm
27-2035	6.0mm	150mm	50mm
27-2036	6.0mm	170mm	50mm
27-2037	6.0mm	200mm	50mm
27-2038	6.0mm	250mm	50mm



**MINI PLATES STRAIGHT**

Width = 5mm  
 Thickness = 1mm  
 Distance Between Holes = 6mm  
 Recommended Screws = 2mm Cortical

Length	No. Of Holes
27-2040 = 17mm	= 3
27-2041 = 23mm	= 4
27-2042 = 29mm	= 5
27-2043 = 35mm	= 6



**27-2045**  
 "L" Oblique  
 Left



**27-2046**  
 "L" Oblique  
 Right



**27-2047**  
 "L" Left



**27-2048**  
 "L" Right



**27-2049**  
 "T" Straight

**MINI L - AND T - PLATES**

Width = 11mm/5mm  
 Thickness = 1mm  
 Distance Between Holes = 6mm  
 Recommended Screws = 2mm Cortical

Length	No. Of Holes
27-2045 = 20mm	= 4
27-2046 = 20mm	= 4
27-2047 = 19mm	= 4
27-2048 = 19mm	= 4
27-2049 = 18mm	= 4



**27-2051**  
 "L" Oblique  
 Left



**27-2052**  
 "L" Oblique  
 Right



**T PLATES**

Width = 14mm/7mm  
 Thickness = 1mm  
 Recommended Screws = 2.7mm Cortical

Length	No. Of Holes
27-2056 = 32mm	= 5



**27-2053**  
 "L" Left

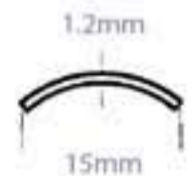


**27-2054**  
 "L" Right

**L PLATES**

Width = 13.5mm/7mm And 14mm/7mm  
 Thickness = 1mm  
 Recommended Screws = 2.7mm Cortical

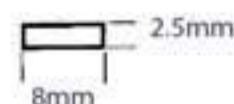
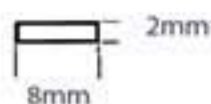
Length	No. Of Holes
27-2051 = 20mm	= 4 = "L" Oblique Left
27-2052 = 20mm	= 4 = "L" Oblique Right
27-2053 = 19mm	= 4 = "L" Left
27-2054 = 19mm	= 4 = "L" Right



**MULTIPLE FRAGMENT PLATES**

Width = 15mm  
 Thickness = 1.2mm  
 Recommended Screws = 2.7mm Cortical

Length	No. Of Holes
27-2058 = 44mm	= 7



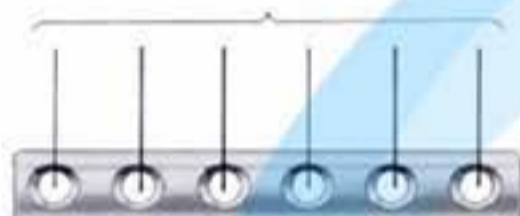
### MINI COMPRESSION PLATES

Width = 8mm  
 Thickness = 2mm/2.5mm  
 Distance Between Holes = 8mm  
 Distance Between Center Holes = 12mm  
 Recommended Screws = 2.7mm Cortical

	Length	No. Of Holes
27-2060	= 20mm	= 2
27-2061	= 36mm	= 4
27-2062	= 44mm	= 5
27-2063	= 52mm	= 6

	Length	No. Of Holes
27-2065	= 60mm	= 7
27-2066	= 68mm	= 8
27-2067	= 76mm	= 9
27-2068	= 84mm	= 10
27-2069	= 100mm	= 12

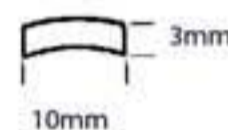
Diameter of holes: 3.3mm



### QUARTER TUBULAT PLATES

Width = 7mm  
 Thickness = 1mm  
 Distance Between Holes = 8mm  
 Recommended Screws = 2.7mm Cortical

	Length	No. Of Holes
27-2071	= 23mm	= 3
27-2072	= 31mm	= 4
27-2073	= 39mm	= 5
27-2074	= 47mm	= 6
27-2075	= 55mm	= 7
27-2076	= 63mm	= 8
27-2077	= 71mm	= 9



### SMALL COMPRESSION PLATES

Width = 10mm  
 Thickness = 3mm  
 Distance Between Holes = 12mm  
 Distance Between Center Holes = 16mm  
 Recommended Screws = 3.5mm And 4mm Cortical

	Length	No. Of Holes
27-2079	= 25mm	= 2
27-2080	= 37mm	= 3
27-2081	= 49mm	= 4
27-2082	= 61mm	= 5
27-2083	= 73mm	= 6
27-2084	= 85mm	= 7
27-2085	= 97mm	= 8
27-2086	= 121mm	= 10
27-2087	= 145mm	= 12

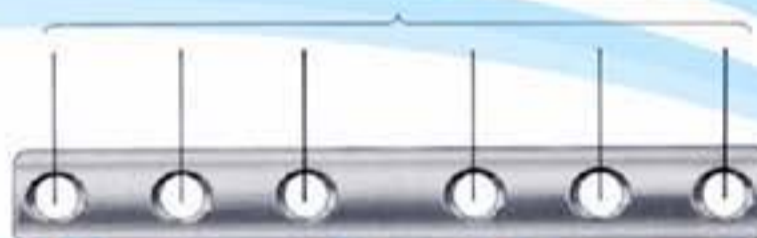
Diameter of holes: 4.1mm



### CLOVERLEAF PLATES

Width = 36mm/15mm  
 Thickness = 1.2mm  
 Recommended Screws  
 Head = 3.5mm Cancellous  
 Shaft = 4.5mm Cortical

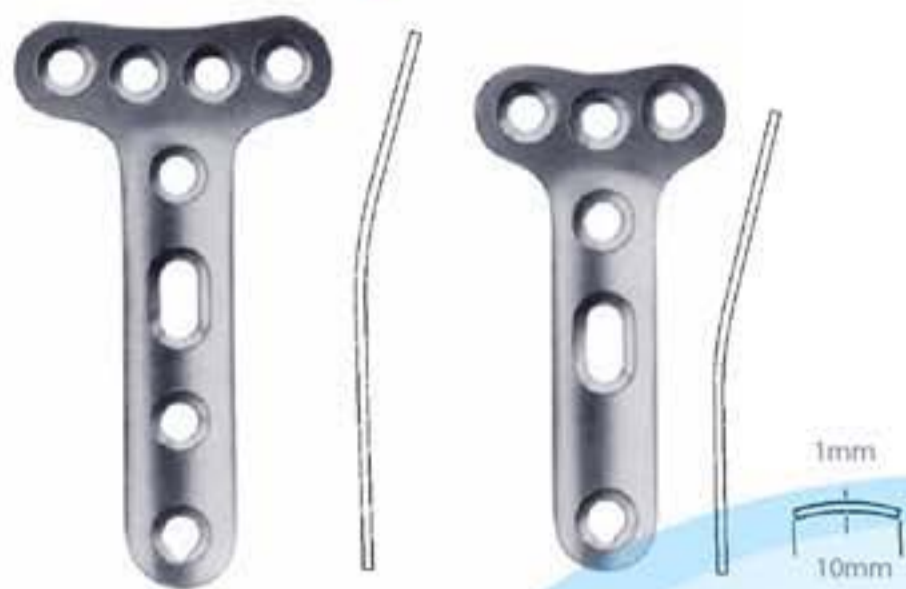
	Length	No. Of Holes
27-2089	= 88mm	= 3
27-2090	= 105mm	= 4



### ONE - THIRD TUBULAR PLATES

Width = 9mm  
 Thickness = 1mm  
 Distance Between Holes = 12mm  
 Distance Between Center Holes = 16mm  
 Recommended Screws = 3.5mm Cortical  
 4mm Cancellous

	Length	No. Of Holes
27-2092	= 25mm	= 2
27-2093	= 37mm	= 3
27-2094	= 49mm	= 4
27-2095	= 61mm	= 5
27-2096	= 73mm	= 6
27-2097	= 85mm	= 7
27-2098	= 97mm	= 8



**SMALL T - PLATES**

Width = 10mm  
 Thickness = 1.2mm  
 Recommended Screws = 3.5mm Cortical

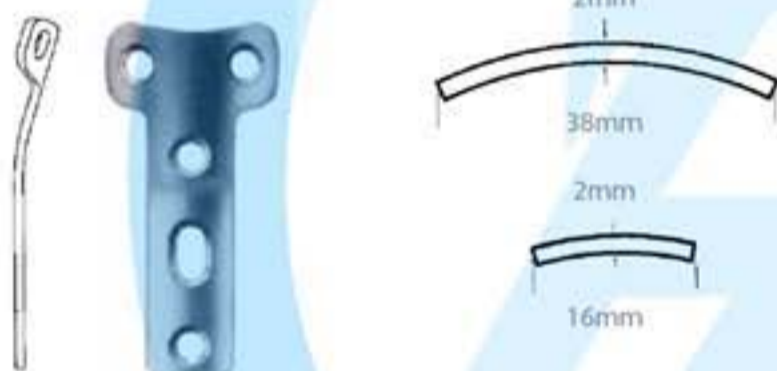
	Length	No. Of Holes
27-2100	= 45mm	= 3 x 3
27-2101	= 58mm	= 4 x 4
27-2102	= 66mm	= 3 x 5
27-2103	= 78mm	= 4 x 6



**SMALL T - PLATES OBLIQUE**

Width = 10mm  
 Thickness = 1.5mm  
 Recommended Screws = 3.5mm Cortical

	Length	No. Of Holes
27-2105	= 54mm	= 3 x 3
27-2106	= 75mm	= 3 x 5



**T - PLATES**

Width = 38mm/17mm  
 Thickness = 2mm  
 Recommended Screws = 4.5mm Cortical

	Length	No. Of Holes
27-2108	= 68mm	= 3
27-2109	= 84mm	= 4
27-2110	= 105mm	= 5
27-2111	= 116mm	= 6
27-2112	= 148mm	= 8



**SPOON PLATES**

Width = 33mm/16mm  
 Thickness = 2mm  
 Recommended Screws = 4.5mm Cortical

	Length	No. Of Holes
27-2114	= 100mm	= 5
27-2115	= 120mm	= 6



**T - BUTTRESS PLATES**

Width = 40mm/16mm  
 Thickness = 2mm  
 Recommended Screws = 4.5mm Cortical

	Length	No. Of Holes
27-2117	= 80mm	= 4
27-2118	= 103mm	= 5
27-2119	= 116mm	= 6



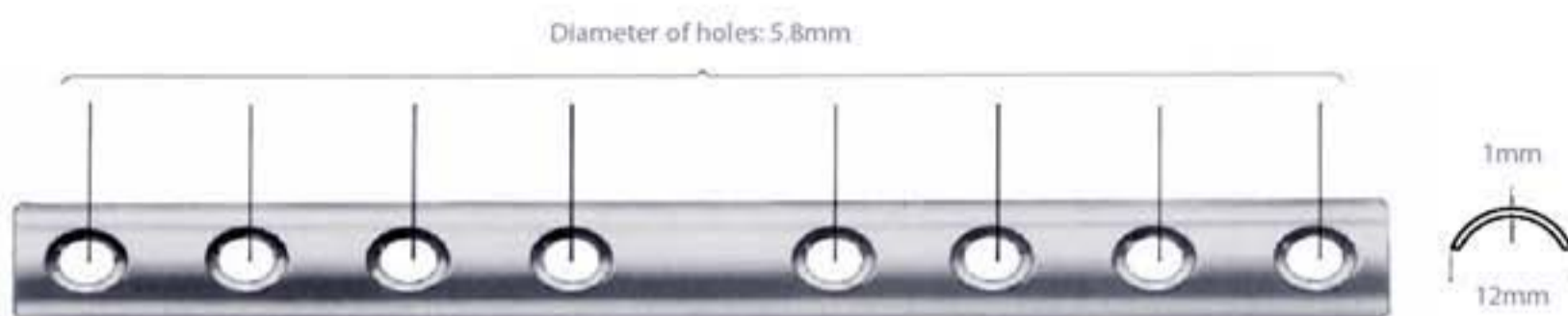
27-2121  
 Left

27-2122  
 Right

**L - BUTTRESS PLATES**

Width = 34mm/16mm  
 Thickness = 2mm  
 Recommended Screws = 4.5mm Cortical

	Length	No. Of Holes
27-2121	= 87mm	= 4 = Left
27-2122	= 87mm	= 4 = Right



### SEMI - TUBULAR PLATES

Width = 12mm  
 Thickness = 1mm  
 Distance Between Holes = 16mm  
 Distance Between Center Holes = 26mm  
 Recommended Screws:  
 4.5mm Cortical  
 4.5mm Malleolar

Length	No. Of Holes
27-2124 = 39mm	= 2
27-2125 = 55mm	= 3
27-2126 = 71mm	= 4
27-2127 = 87mm	= 5
27-2128 = 103mm	= 6
27-2129 = 119mm	= 7
27-2130 = 135mm	= 8
27-2131 = 151mm	= 9
27-2132 = 167mm	= 10
27-2133 = 183mm	= 11
27-2134 = 199mm	= 12



### NARROW COMPRESSION PLATES

Width = 12mm  
 Thickness = 3.8mm  
 Distance Between Holes = 16mm  
 Distance Between Center Holes = 25mm  
 Recommended Screws:  
 4.5mm Cortical  
 4.5mm Malleolar  
 4.5mm Cancellous

Length	No. Of Holes
27-2136 = 39mm	= 2
27-2137 = 55mm	= 3
27-2138 = 71mm	= 4
27-2139 = 87mm	= 5
27-2140 = 103mm	= 6
27-2141 = 119mm	= 7
27-2142 = 135mm	= 8
27-2143 = 151mm	= 9
27-2144 = 167mm	= 10
27-2145 = 183mm	= 11
27-2146 = 199mm	= 12
27-2147 = 215mm	= 13
27-2148 = 231mm	= 14
27-2149 = 247mm	= 15
27-2150 = 263mm	= 16



Diameter of holes: 4.8mm



### BROAD COMPRESSION PLATES

Width = 16mm  
 Thickness = 4.5mm  
 Distance Between Holes = 16mm  
 Distance Between Center Holes = 25mm  
 Recommended Screws:  
 4.5mm Cortical  
 4.5mm Malleolar  
 4.5mm Cancellous

Length	No. Of Holes
27-2152 = 103mm	= 6
27-2153 = 119mm	= 7
27-2154 = 135mm	= 8
27-2155 = 151mm	= 9
27-2156 = 167mm	= 10
27-2157 = 183mm	= 11
27-2158 = 199mm	= 12
27-2159 = 215mm	= 13
27-2160 = 231mm	= 14
27-2161 = 247mm	= 15
27-2162 = 263mm	= 16
27-2163 = 295mm	= 18

**Verbands- und Gipsinstrumente**  
**Dressings**  
**Pansements**  
**Vendajes**  
**Bendaggi**

**28**

**326 - 329**





ENGEL  
28-001  
14cm



BERGMANN  
28-003  
18cm



HOPKINS  
28-005  
20cm



ESMARCH  
28-007  
18cm



REINER KNIFE  
28-009  
18cm Curved



MARTIN Plaster Knife  
28-011  
20.5cm



BEESON Plaster Spreader  
28-013  
30cm



HENNIG Plaster Spreader  
28-015  
28cm

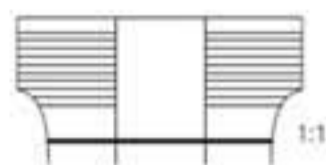
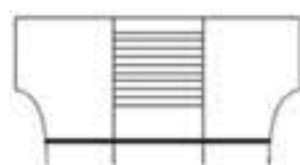


AZ Wisdom Wise Industries





**DENTAL LAB** Plaster Shear  
**28-017**  
20cm

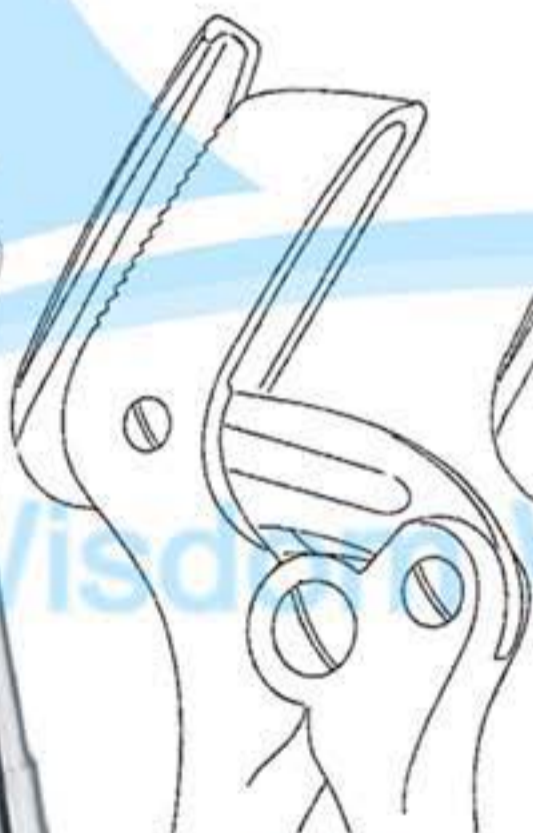


**QUATTRO  
USA MODELL**  
Spreader 3 - Blades  
**28-018**  
23cm

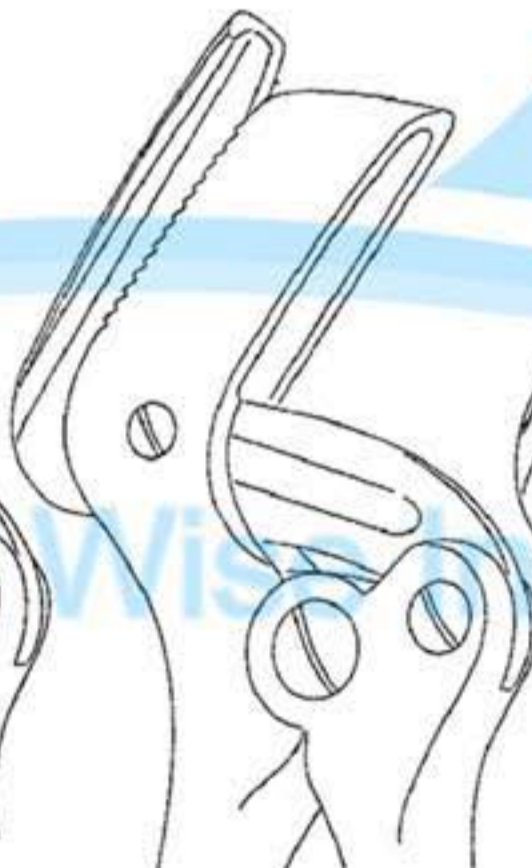
1:2



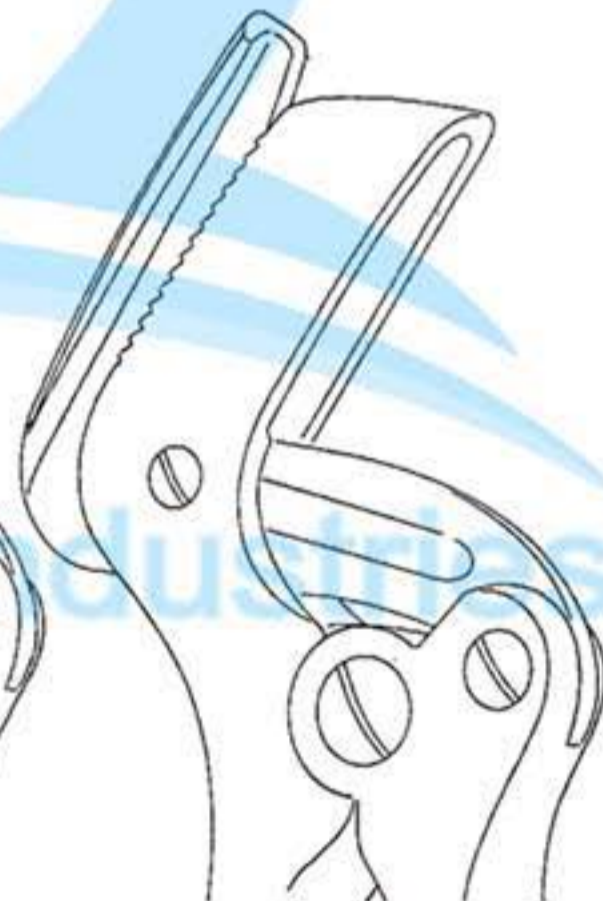
**STILLE MODELL** Plaster Shear



**28-019**  
23cm



**28-020**  
26cm



**28-021**  
27cm



28-023  
 18cm

**WOLF BOEHLER**  
 Grooved Handle



28-024  
 24cm



**PLASTER SHEAR  
 FOR PADDING FIBER  
 GLASS PROSTHESIS**  
 27-026  
 21cm

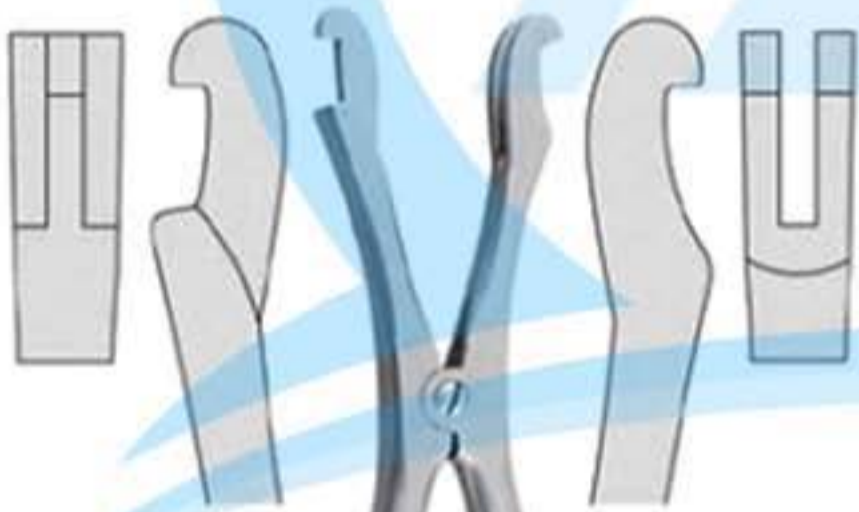


28-028  
 18cm

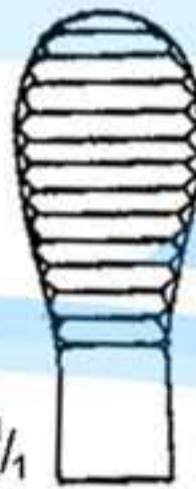


28-029  
 24cm

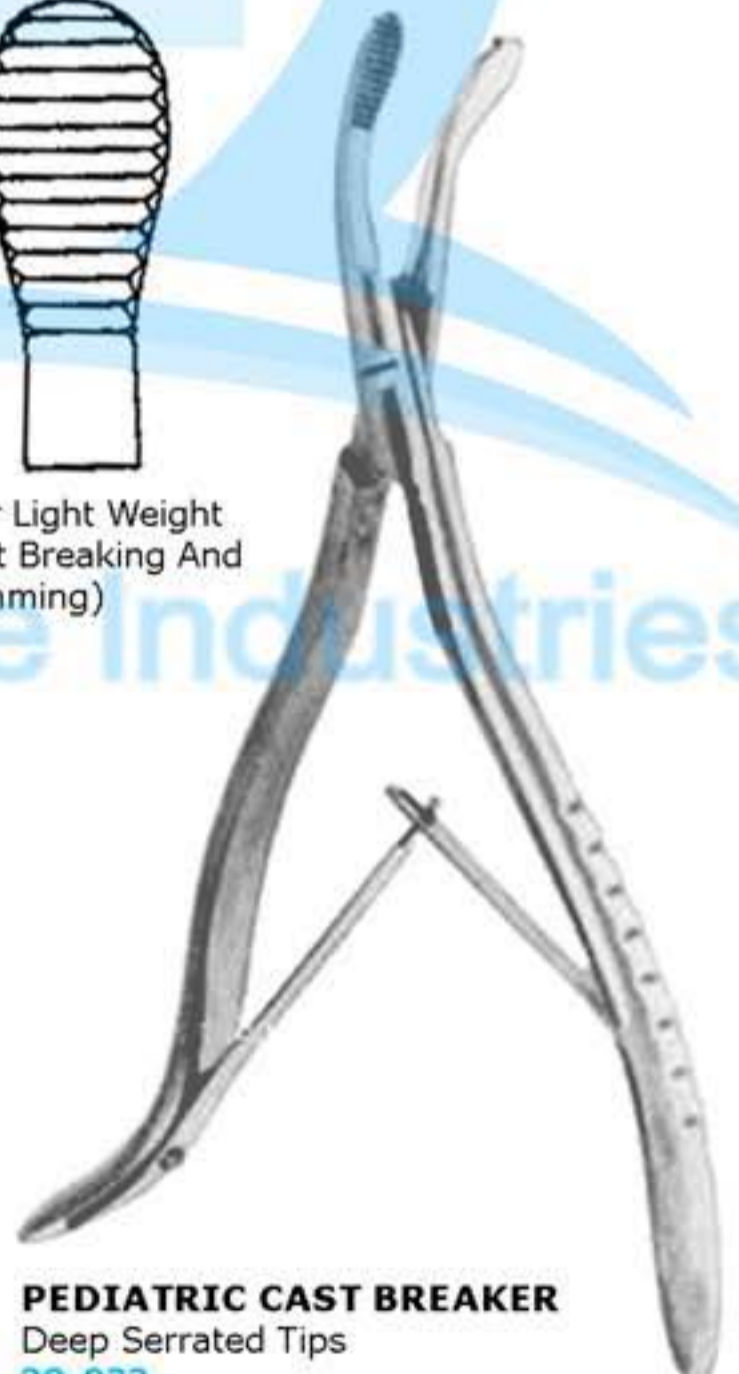
(For Cast Removal)  
**PLASTER BREAKER**  
 Deep Serrated Tips  
**WOLF BOEHLER**  
 Plain Handle



**HAGLUND**  
 Stille Plaster Spreader  
 28-031  
 28cm



$\frac{1}{1}$   
 (For Light Weight  
 Cast Breaking And  
 Trimming)

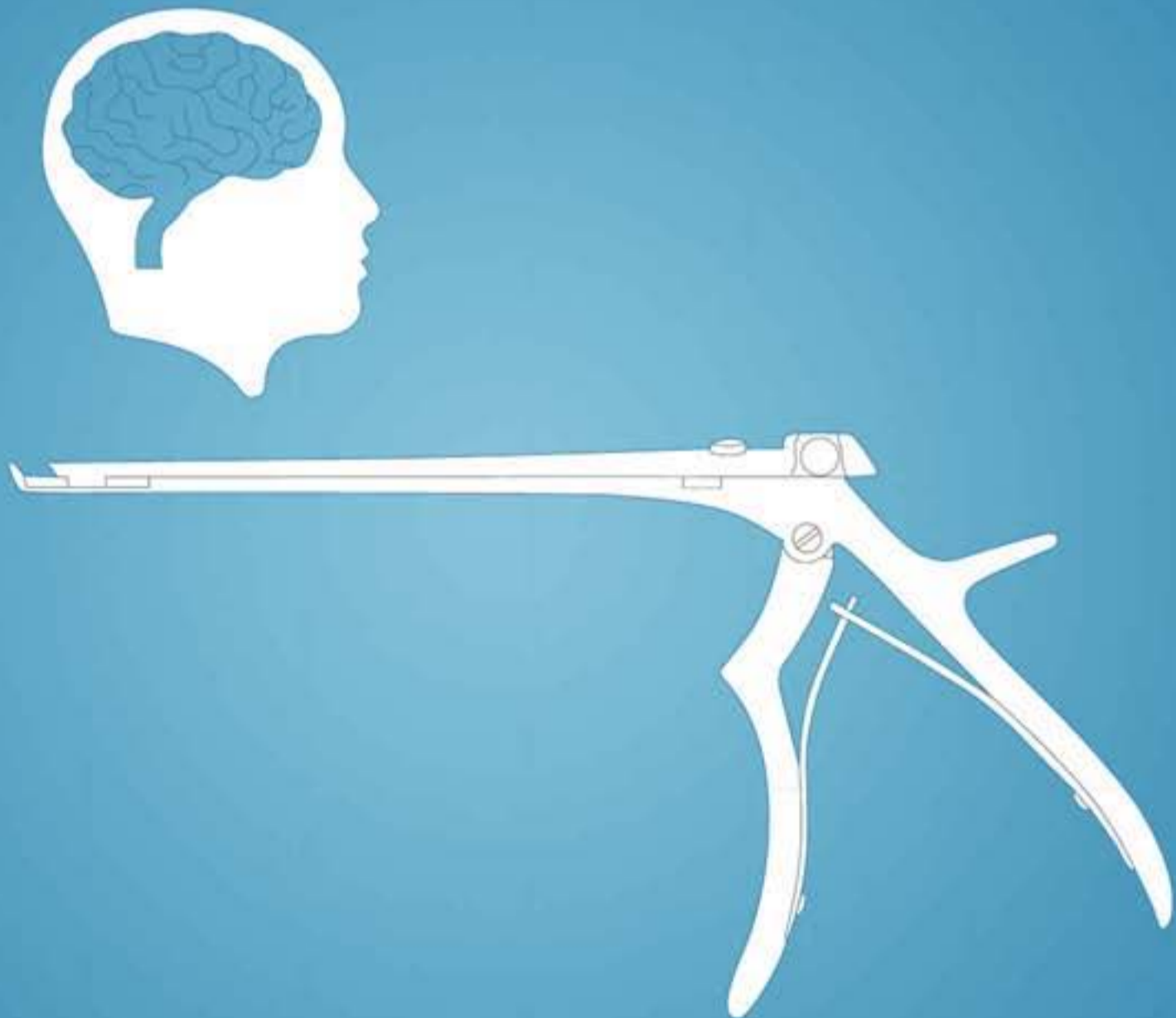


**PEDIATRIC CAST BREAKER**  
 Deep Serrated Tips  
 28-033  
 18cm

**Mikro- und Neurochirurgie**  
**Micro- and neuro surgery**  
**Chirurgie micro et neuro**  
**Cirugía micro y neuro**  
**Micro- e Neuro-Chirurgia**

# 29

## 330 - 367

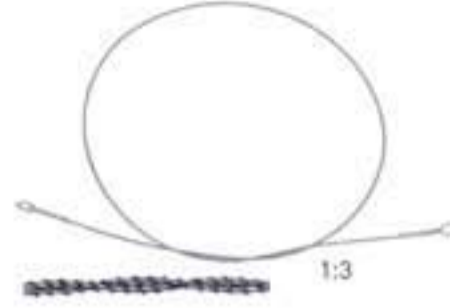




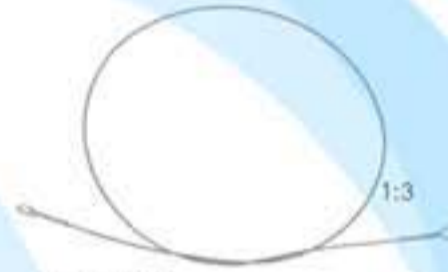
**DE VILBISS**  
 29-001  
 21cm



**ADSON**  
 29-003  
 15cm



**Olivecrona**  
 29-005 = 30cm  
 29-006 = 40cm  
 29-007 = 50cm  
 29-008 = 60cm  
 29-009 = 70cm



**GIGLI**  
 29-011 = 30cm  
 29-012 = 40cm  
 29-013 = 50cm  
 6 Wires Twisted



**GIGLI**  
 29-015



**DE MARTEL**  
 29-017  
 33cm



**DAHLGREN**  
 29-019  
 19cm  
 With 3 Hooks



**CONE**  
 29-021  
 22.5cm  
 Cranial Punch



**CRUTCHFIELD**  
**29-023**  
Small Pattern



**CRUTCHFIELD**  
**29-025**  
Medium Pattern



**DRILL Point**  
3.5mmØ  
**29-027**  
7cm



**DRILL Point**  
5mmØ  
**29-029**  
7cm



**SKULL TRACTION TONGS**  
Large Pattern  
**29-031**



**CUSHING** 18cm  
 29-033 = 7x9mm  
 29-034 = 11x13mm  
 29-035 = 15x18mm  
 29-036 = 18x22mm

**OLIVECRONA CONVEXE**  
 29-038 = 7x9mm  
 29-039 = 11x13mm  
 29-040 = 15x18mm  
 29-041 = 18x22mm

**OLIVECRONA CONVEXE**  
 29-043 = 7x9mm  
 29-044 = 11x13mm  
 29-045 = 15x18mm  
 29-046 = 18x22mm

**HEIFETZ** Malleable  
 29-048 = x=8mm  
 29-049 = x=11mm  
 29-050 = x=14mm  
 29-051 = x=17mm  
 29-052 = x=20mm

AZ Wisdom Wise Industries



Straight  
 29-054  
 15cm  
 29-055  
 19cm

Curved  
 29-057  
 15cm  
 29-058  
 19cm

**MCKENZIE**  
 Clip Applying Forceps

**OLIVECRONA - TOENNIS  
 (SCOVILLE)**  
 29-060  
 x = 14cm

**RANEY**  
 29-062  
 15cm



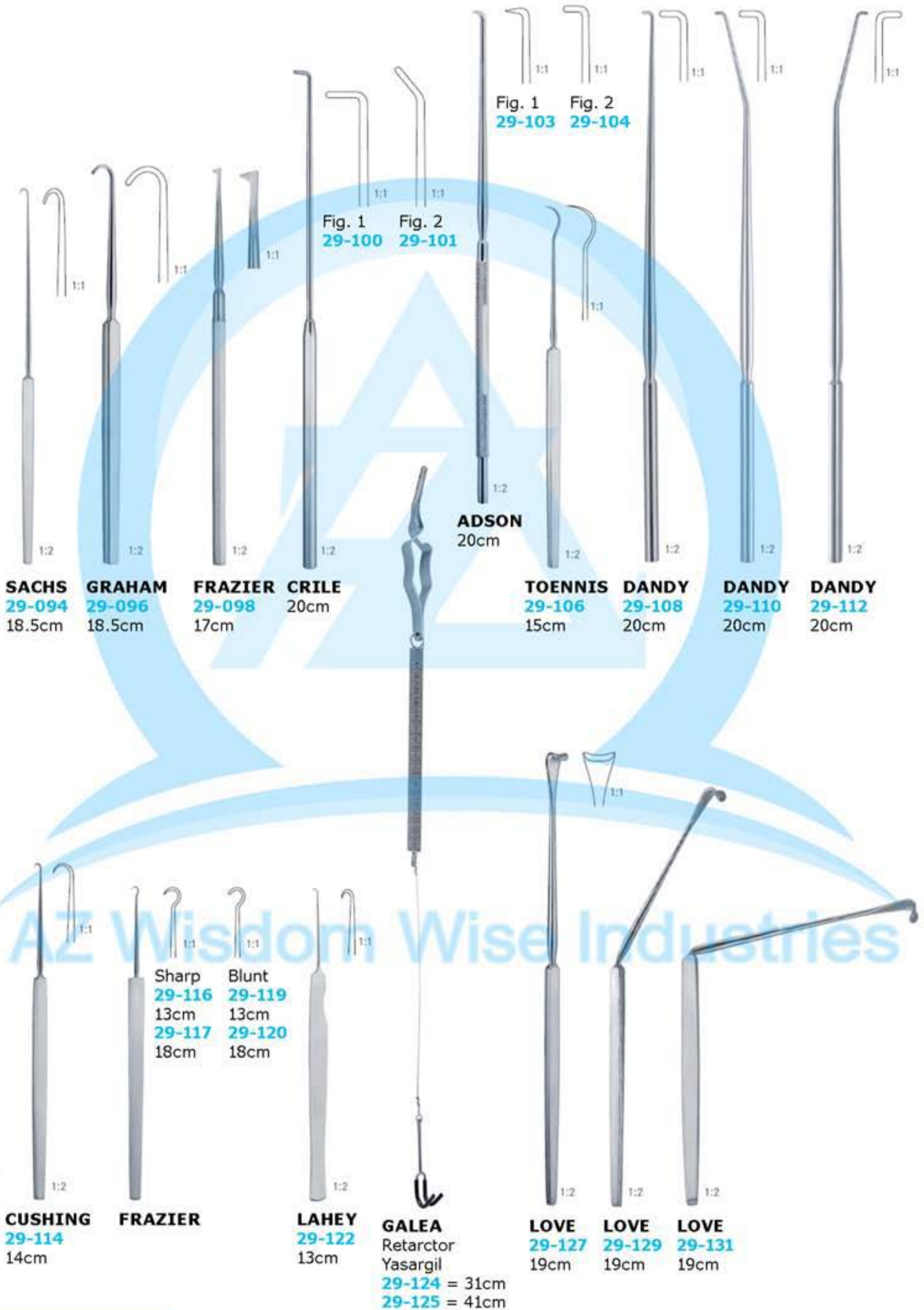
Applying forceps  
 for Yasargil clips  
 29-064  
 18cm  
 straight, with ratchet

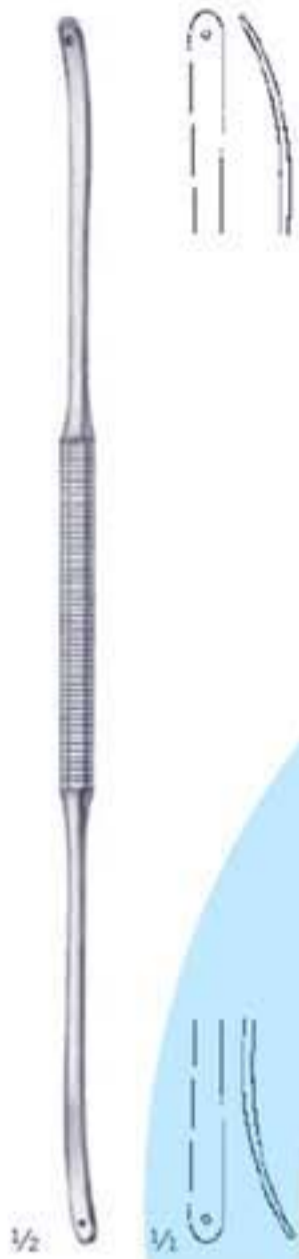


Applying forceps  
 for Yasargil clips  
 29-066 = 17cm  
 29-067 = 21cm  
 29-068 = 23cm  
 Bayonett Shaped, with ratchet









**OLIVECRONA**  
 29-133  
 24cm



**OLIVECRONA**  
 29-135  
 20cm



**OLIVECRONA**  
 29-137  
 24cm



**OLIVECRONA**  
 29-139  
 20cm



**MILLIGAN**  
 29-141  
 22cm



**DAVIS**  
 29-143  
 21.5cm



**DISSECTOR**  
 29-145  
 22cm



**GRONINGEN**  
 Nerve Hook  
 Angled  
 29-147  
 26.5cm

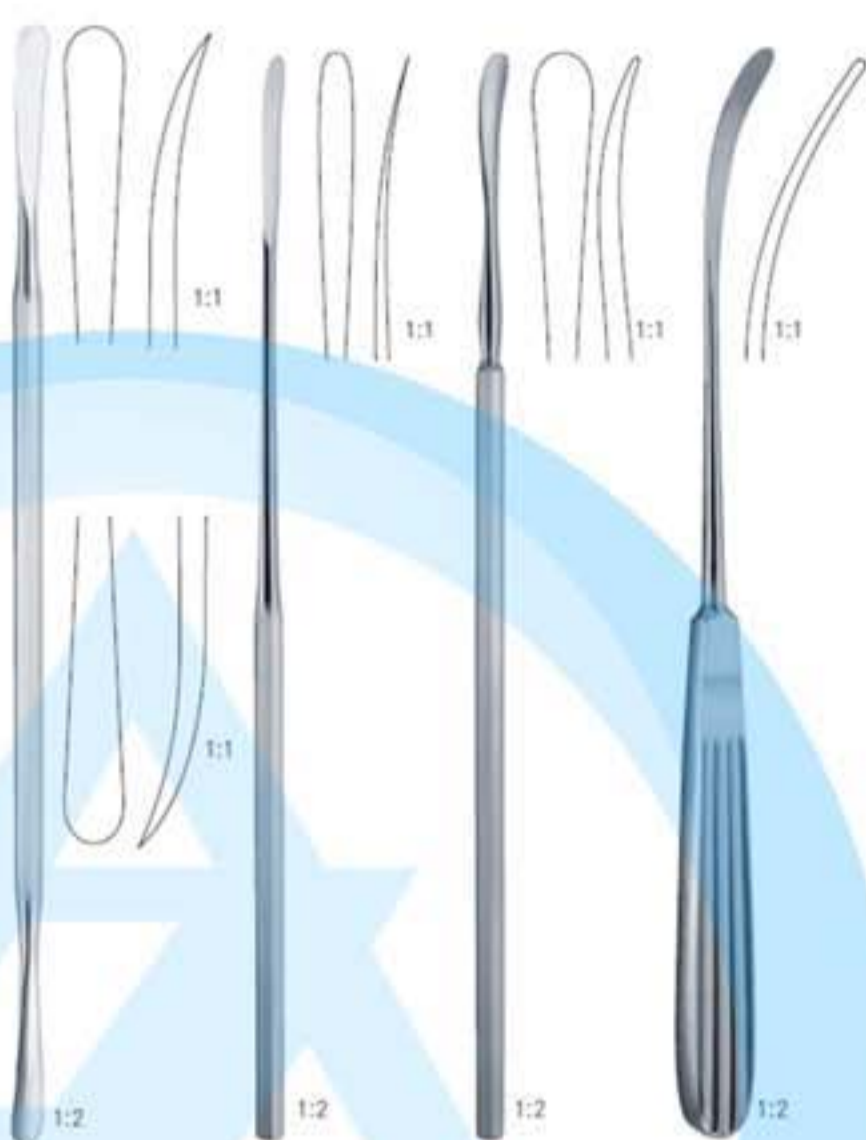


**GRONINGEN**  
 Nerve Hook  
 Curved  
 29-149  
 26.5cm



**TOENNIS**  
 29-151  
 25cm

**DAVIS**  
 29-153  
 24.5cm



**DISSECTOR**  
 29-155  
 22cm

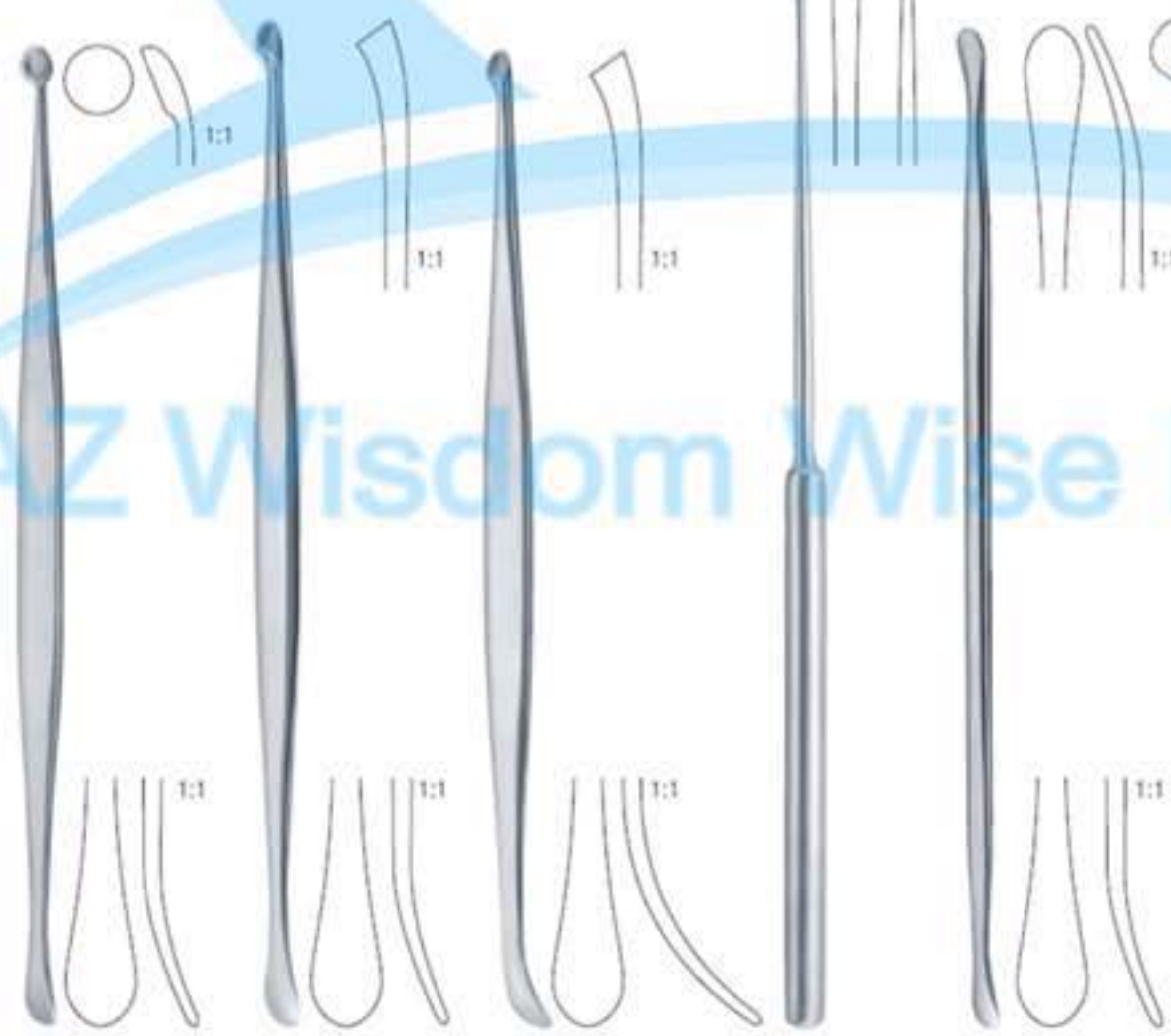
**SACHS**  
 29-157  
 21cm

**SACHS**  
 29-159  
 21cm

**SACHS**  
 29-161  
 21cm



**SMITHWICK**  
 29-163  
 29cm



**PENFIELD**  
 Fig. 1  
 29-165  
 17.5cm

**PENFIELD**  
 Fig. 2  
 29-167  
 19.5cm

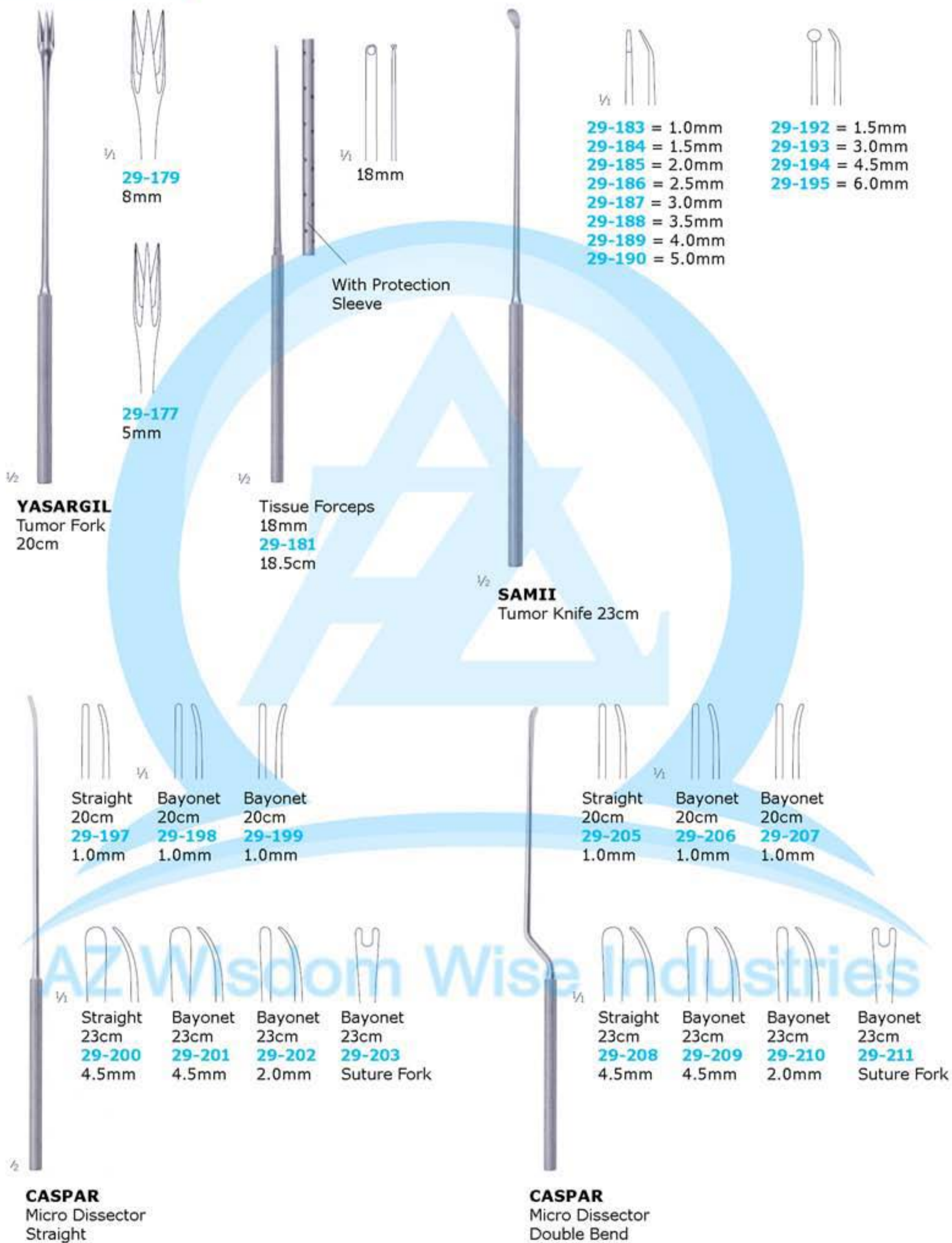
**PENFIELD**  
 Fig. 3  
 29-169  
 19.5cm

**PENFIELD**  
 Fig. 4  
 29-171  
 21.5cm

**PENFIELD**  
 Fig. 5  
 29-173  
 18.5cm



**HORSLEY**  
 29-175  
 20cm



**YASARGIL**  
Tumor Fork 20cm

- 29-179 8mm
- 29-177 5mm

**Tissue Forceps** 18mm  
29-181 18.5cm

With Protection Sleeve

**SAMII**  
Tumor Knife 23cm

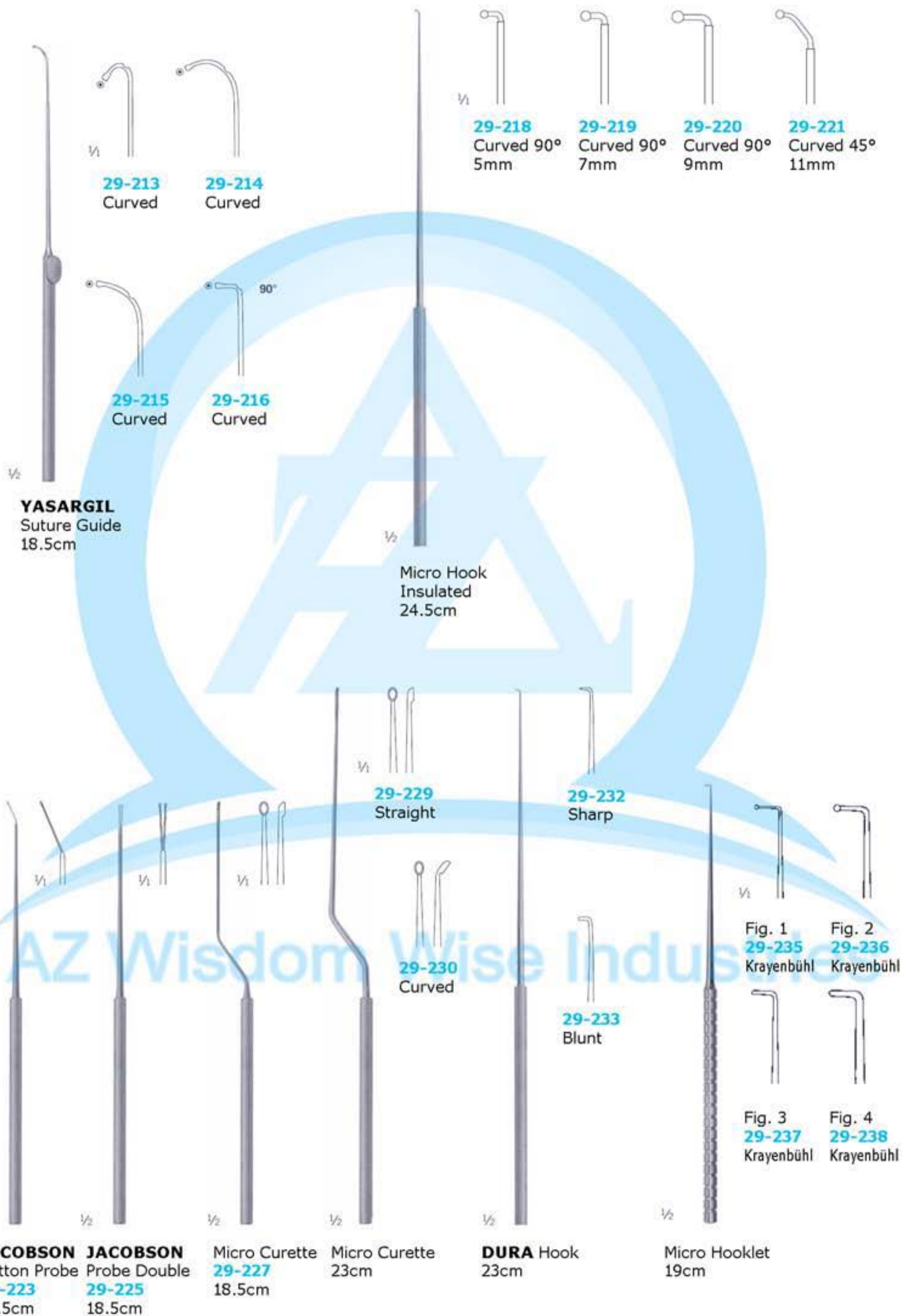
29-183 = 1.0mm	29-192 = 1.5mm
29-184 = 1.5mm	29-193 = 3.0mm
29-185 = 2.0mm	29-194 = 4.5mm
29-186 = 2.5mm	29-195 = 6.0mm
29-187 = 3.0mm	
29-188 = 3.5mm	
29-189 = 4.0mm	
29-190 = 5.0mm	

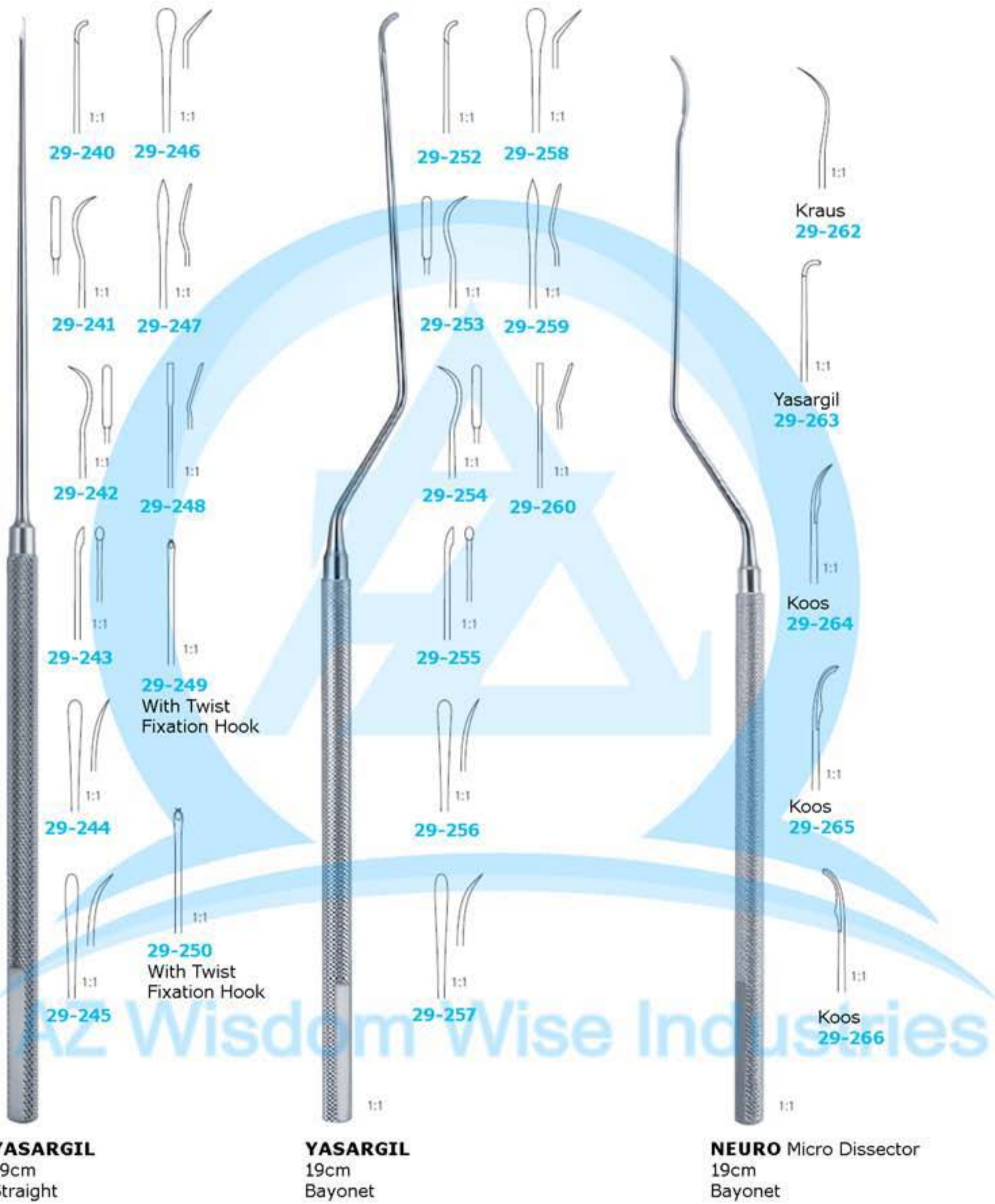
Straight 20cm 29-197 1.0mm	Bayonet 20cm 29-198 1.0mm	Bayonet 20cm 29-199 1.0mm
Straight 20cm 29-205 1.0mm	Bayonet 20cm 29-206 1.0mm	Bayonet 20cm 29-207 1.0mm

Straight 23cm 29-200 4.5mm	Bayonet 23cm 29-201 4.5mm	Bayonet 23cm 29-202 2.0mm	Bayonet 23cm 29-203 Suture Fork
Straight 23cm 29-208 4.5mm	Bayonet 23cm 29-209 4.5mm	Bayonet 23cm 29-210 2.0mm	Bayonet 23cm 29-211 Suture Fork

**CASPAR**  
Micro Dissector Straight

**CASPAR**  
Micro Dissector Double Bend

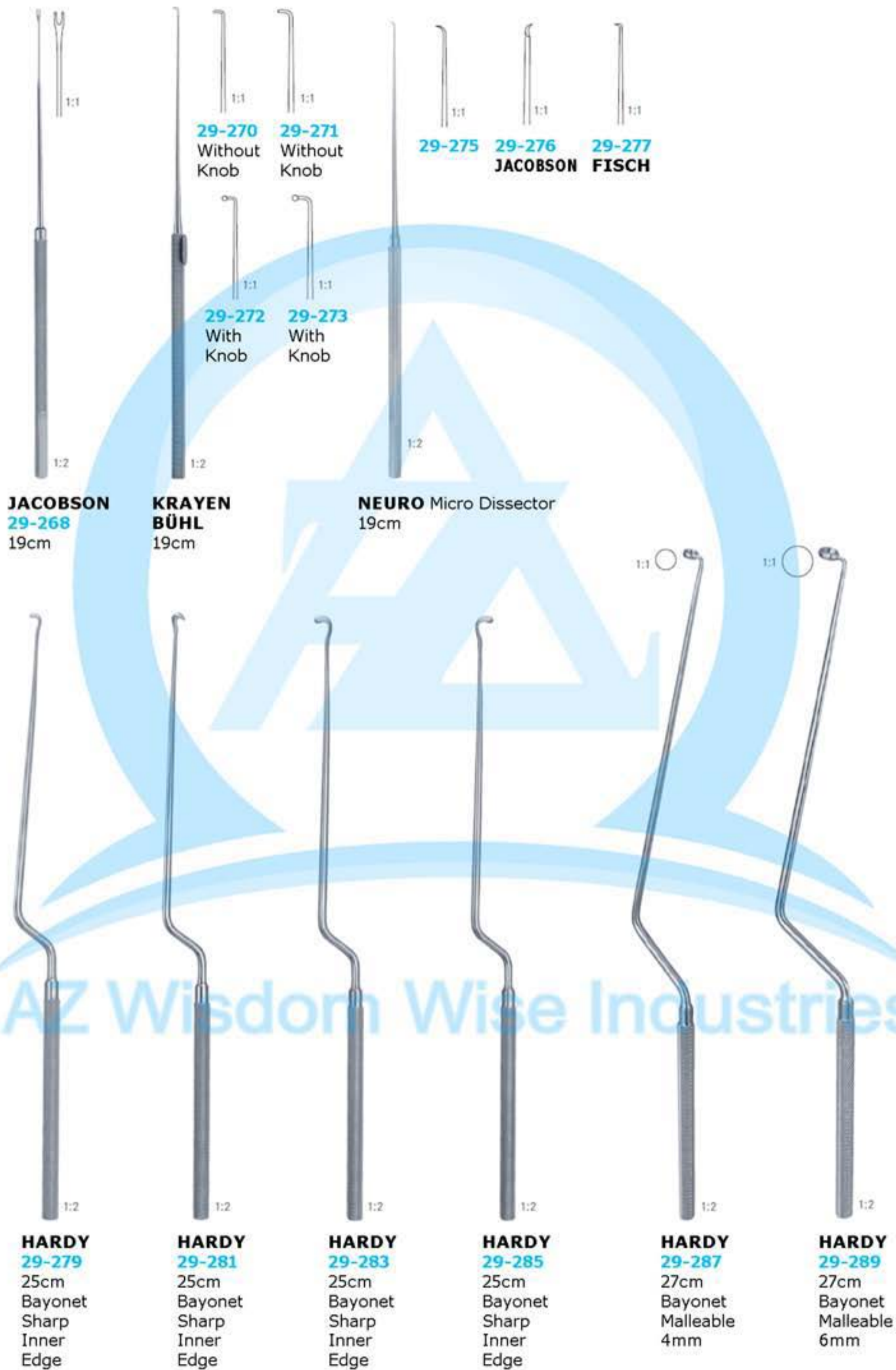




**YASARGIL**  
 19cm  
 Straight

**YASARGIL**  
 19cm  
 Bayonet

**NEURO** Micro Dissector  
 19cm  
 Bayonet





**29-291** Angled

**29-292** Straight

**29-293** Curved

**29-295** Straight

**29-296** Curved

**29-298** Straight

**29-299** Curved

**VANNAS** 12cm

**VANNAS** 16cm

**MILLESI** 16cm

**JACOBSON** 29-301 18.5cm

Blade 15mm Sharp Straight **29-312** 20cm

Blade 15mm Sharp Curved **29-316** 20cm

Blunt Straight **29-320** 20cm

Blunt Curved **29-324** 20cm

Blunt Straight **29-321** 22.5cm

Blunt Curved **29-325** 22.5cm

Blunt Straight **29-322** 24.5cm

Blunt Curved **29-326** 24.5cm

Blade 15mm Sharp Straight **29-313** 22.5cm

Blade 15mm Sharp Curved **29-317** 22.5cm

Blade 15mm Sharp Straight **29-314** 24.5cm

Blade 15mm Sharp Curved **29-318** 24.5cm

**YASARGIL** 15mm Blade

Left Right **29-309** 16.5cm

Left Right **29-310** 20cm

**YASARGIL**





**NAGEL**  
20cm



Curved 45°  
**29-328**



Curved 45°  
With Probe On 1 Blade  
**29-329**



Curved 125°  
**29-330**

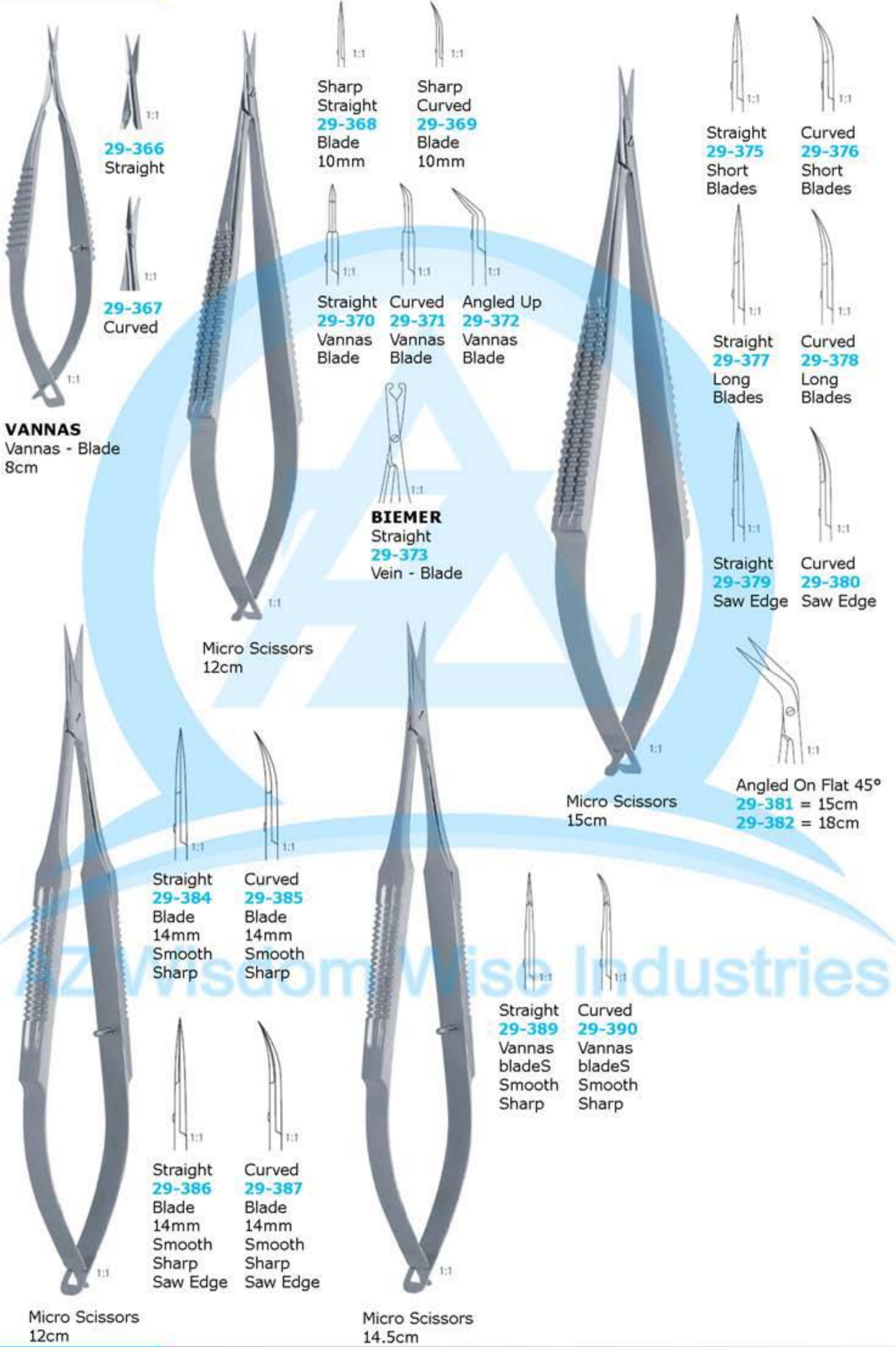


**FAHLBUSCH**  
**29-332**  
16.5cm



**CASPAR**  
**29-333**  
11.5cm

AZ Wisdom Wise Industries



29-366  
Straight

29-367  
Curved

Sharp  
Straight  
29-368  
Blade  
10mm

Sharp  
Curved  
29-369  
Blade  
10mm

Straight  
29-375  
Short  
Blades

Curved  
29-376  
Short  
Blades

Straight  
29-370  
Vannas  
Blade

Curved  
29-371  
Vannas  
Blade

Angled Up  
29-372  
Vannas  
Blade

Straight  
29-377  
Long  
Blades

Curved  
29-378  
Long  
Blades

**VANNAS**  
Vannas - Blade  
8cm

**BIEMER**  
Straight  
29-373  
Vein - Blade

Micro Scissors  
12cm

Micro Scissors  
15cm

Straight  
29-379  
Saw Edge

Curved  
29-380  
Saw Edge

Angled On Flat 45°  
29-381 = 15cm  
29-382 = 18cm

Straight  
29-384  
Blade  
14mm  
Smooth  
Sharp

Curved  
29-385  
Blade  
14mm  
Smooth  
Sharp

Straight  
29-389  
Vannas  
bladeS  
Smooth  
Sharp

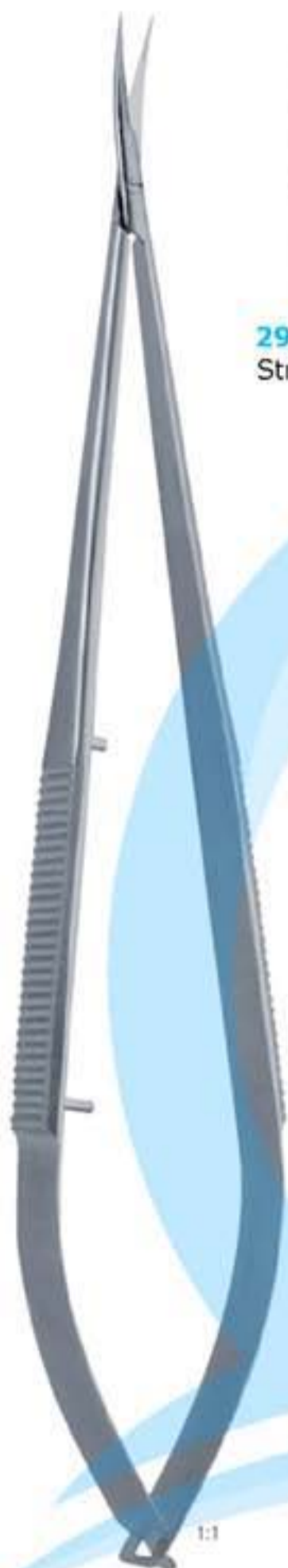
Curved  
29-390  
Vannas  
bladeS  
Smooth  
Sharp

Straight  
29-386  
Blade  
14mm  
Smooth  
Sharp  
Saw Edge

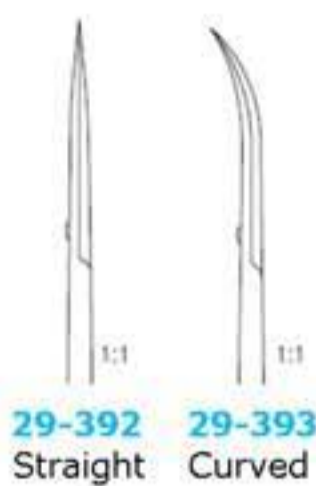
Curved  
29-387  
Blade  
14mm  
Smooth  
Sharp  
Saw Edge

Micro Scissors  
12cm

Micro Scissors  
14.5cm



**YASARGIL**  
18.5cm



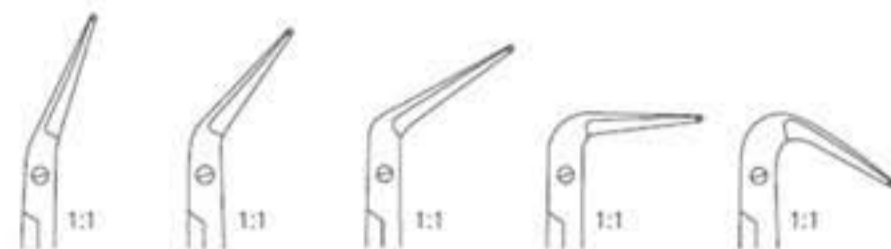
**29-392** Straight  
**29-393** Curved



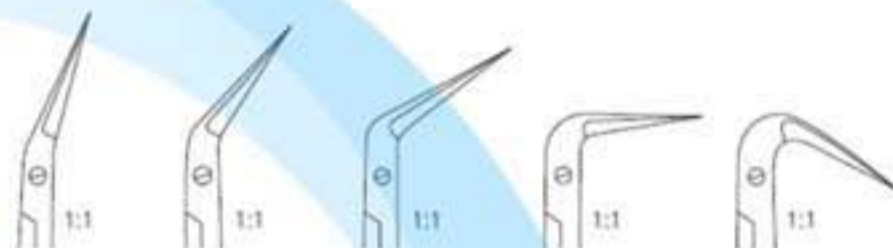
**29-394**  
Angled  
On Flat



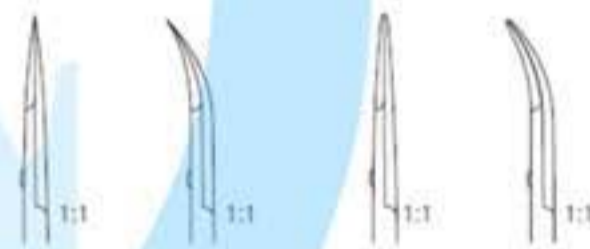
**YASARGIL**  
17cm



**25° 29-396** With Ball  
**45° 29-397** With Ball  
**60° 29-398** With Ball  
**90° 29-399** With Ball  
**125° 29-400** With Ball



**25° 29-401** Without Ball  
**45° 29-402** Without Ball  
**60° 29-403** Without Ball  
**90° 29-404** Without Ball  
**125° 29-405** Without Ball

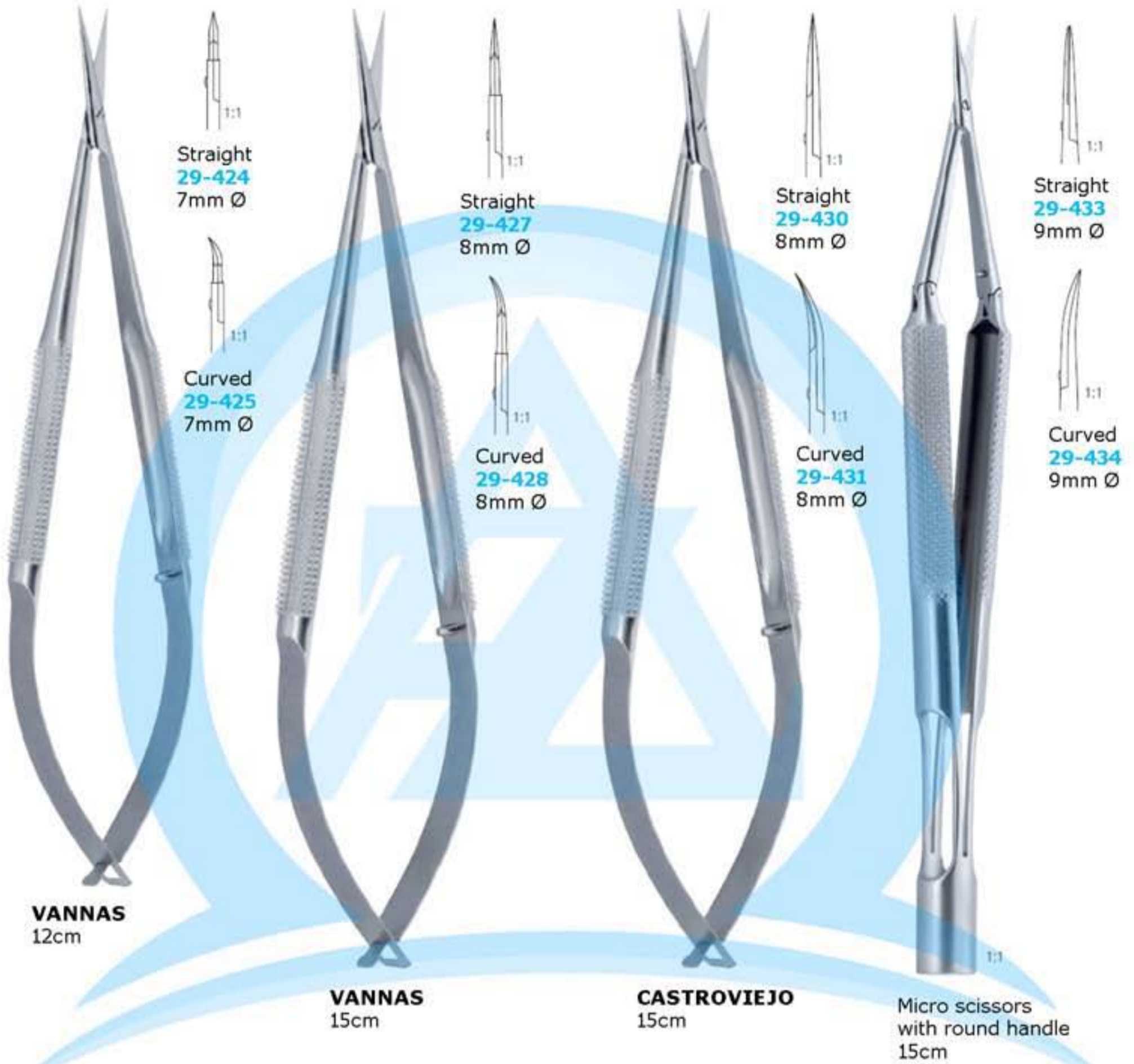


Straight <b>29-407</b> 14.5cm <b>29-415</b> 18cm Short Blades 8mm Smooth Sharp	Curved <b>29-408</b> 14.5cm <b>29-416</b> 18cm Short Blades 8mm Smooth Sharp	Straight <b>29-409</b> 14.5cm <b>29-417</b> 18cm Short Blades 8mm Smooth Blunt	Curved <b>29-410</b> 14.5cm <b>29-418</b> 18cm Short Blades 8mm Smooth Blunt
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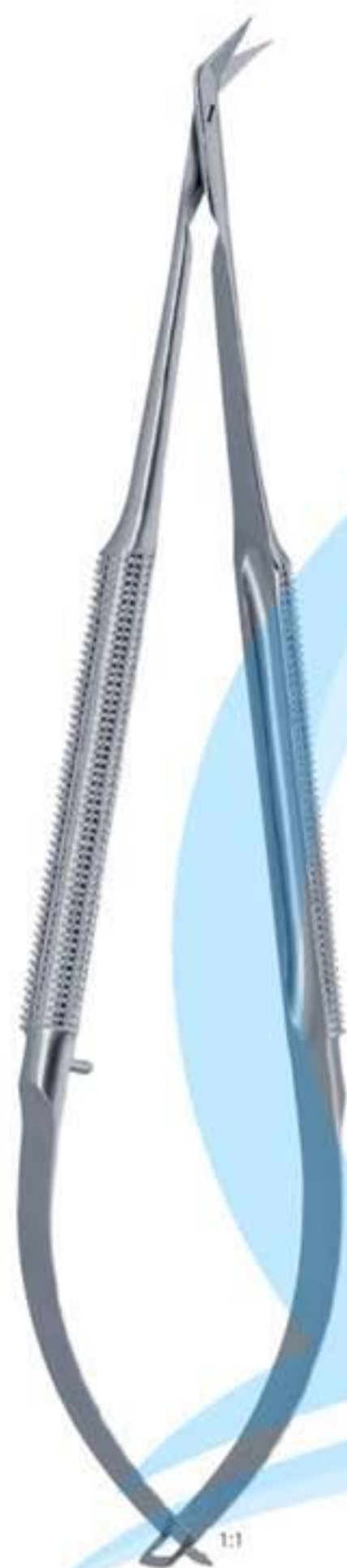


Straight <b>29-411</b> 14.5cm <b>29-419</b> 18cm Long Blades 14mm Smooth Sharp	Curved <b>29-412</b> 14.5cm <b>29-420</b> 18cm Long Blades 14mm Smooth Sharp	Straight <b>29-413</b> 14.5cm <b>29-421</b> 18cm Long Blades 14mm Smooth Blunt	Curved <b>29-414</b> 14.5cm <b>29-422</b> 18cm Long Blades 14mm Smooth Blunt
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Micro Dissecting Scissors






AZ Wisdom Wise Industries





				
25° <b>29-436</b>	45° <b>29-437</b>	60° <b>29-438</b>	90° <b>29-439</b>	125° <b>29-440</b>
Blade 10mm With Ball Sharp	Blade 10mm With Ball Sharp	Blade 10mm With Ball Sharp	Blade 10mm With Ball Sharp	Blade 10mm With Ball Sharp

				
25° <b>29-442</b>	45° <b>29-443</b>	60° <b>29-444</b>	90° <b>29-445</b>	125° <b>29-446</b>
Blade 10mm Without Ball Sharp	Blade 10mm Without Ball Sharp	Blade 10mm Without Ball Sharp	Blade 10mm Without Ball Sharp	Blade 10mm Without Ball Sharp

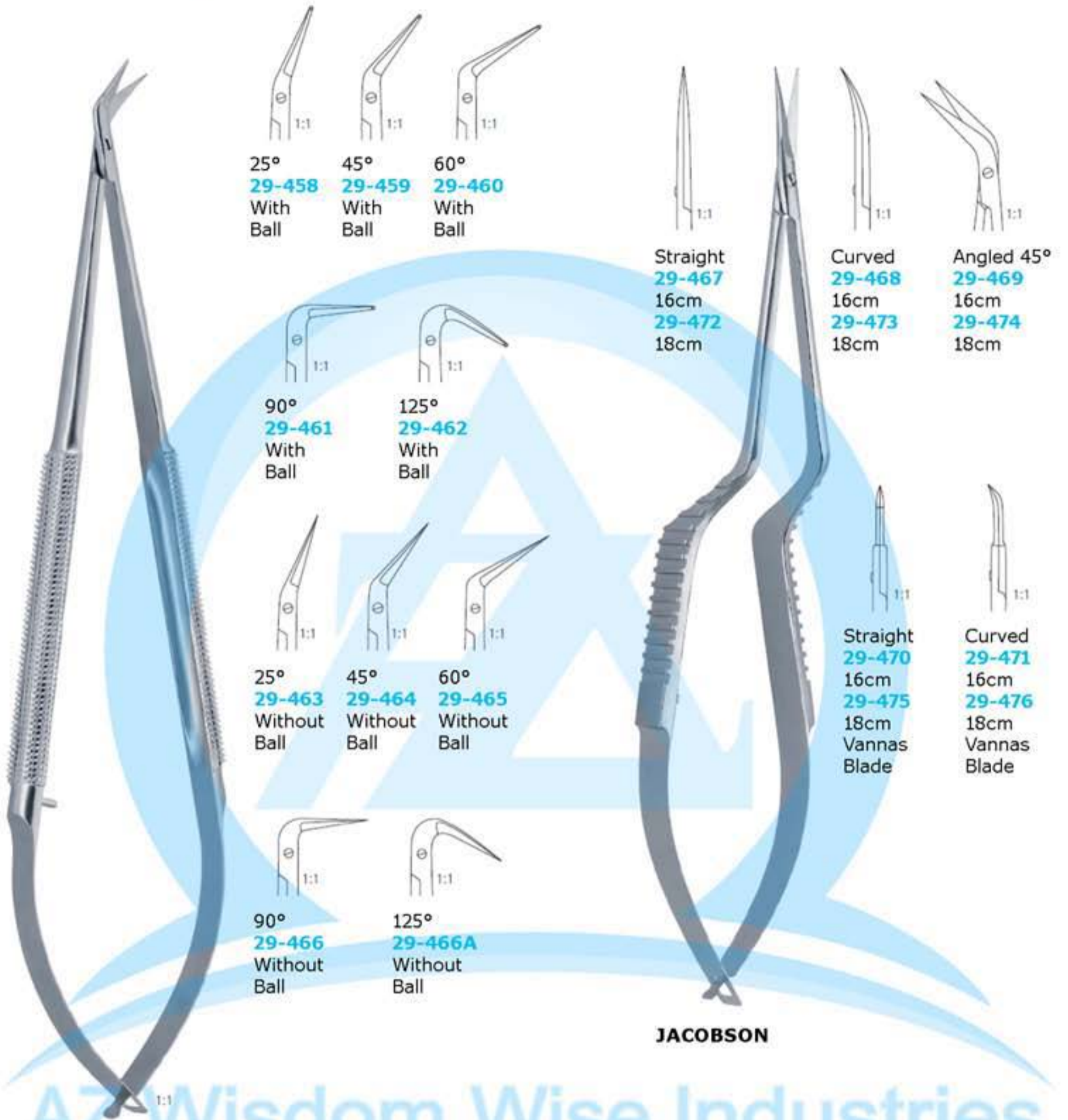
	
Straight <b>29-448</b> 8mm Ø <b>29-449</b> 10mm Ø Sharp	Curved <b>29-450</b> 8mm Ø <b>29-451</b> 10mm Ø Sharp

	
Straight <b>29-452</b> 10mm Ø Sharp Fine	Curved <b>29-453</b> 10mm Ø Sharp Fine

	
Straight <b>29-455</b> 10mm Ø Blunt	Curved <b>29-456</b> 10mm Ø Blunt

Micro Scissors  
 With Round Handle 8mm  
 18cm

Micro Scissors  
 With Round Handle 8mm  
 18cm



25°  
**29-458**  
 With Ball

45°  
**29-459**  
 With Ball

60°  
**29-460**  
 With Ball

90°  
**29-461**  
 With Ball

125°  
**29-462**  
 With Ball

25°  
**29-463**  
 Without Ball

45°  
**29-464**  
 Without Ball

60°  
**29-465**  
 Without Ball

90°  
**29-466**  
 Without Ball

125°  
**29-466A**  
 Without Ball

Straight  
**29-467**  
 16cm  
**29-472**  
 18cm

Curved  
**29-468**  
 16cm  
**29-473**  
 18cm

Angled 45°  
**29-469**  
 16cm  
**29-474**  
 18cm

Straight  
**29-470**  
 16cm  
**29-475**  
 18cm  
 Vannas Blade

Curved  
**29-471**  
 16cm  
**29-476**  
 18cm  
 Vannas Blade

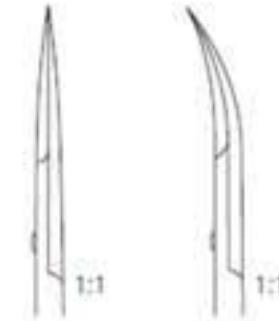
**JACOBSON**

Micro Scissors  
 With Round Handle 8mmØ  
 18cm

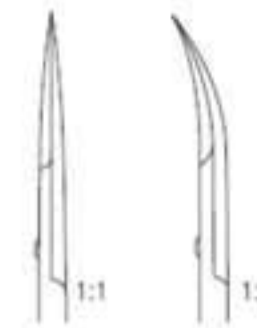
AZ Wisdom Wise Industries




**YASARGIL  
 MODELL**



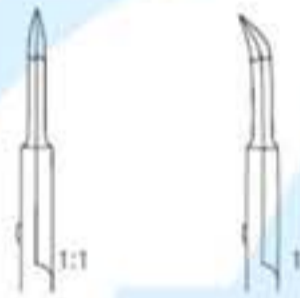
Straight <b>29-478</b> 18cm <b>29-480</b> 22.5cm	Curved <b>29-479</b> 18cm <b>29-481</b> 22.5cm
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Straight <b>29-485</b> 20cm <b>29-487</b> 22.5cm Blade Smooth Sharp	Curved <b>29-486</b> 20cm <b>29-488</b> 22.5cm Blade Smooth Sharp
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Straight <b>29-489</b> 20cm <b>29-491</b> 22.5cm Blade Smooth Sharp Saw Edge	Curved <b>29-490</b> 20cm <b>29-492</b> 22.5cm Blade Smooth Sharp Saw Edge
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Straight <b>29-482</b> 22cm Vannas Blade	Curved <b>29-483</b> 22cm Vannas Blade
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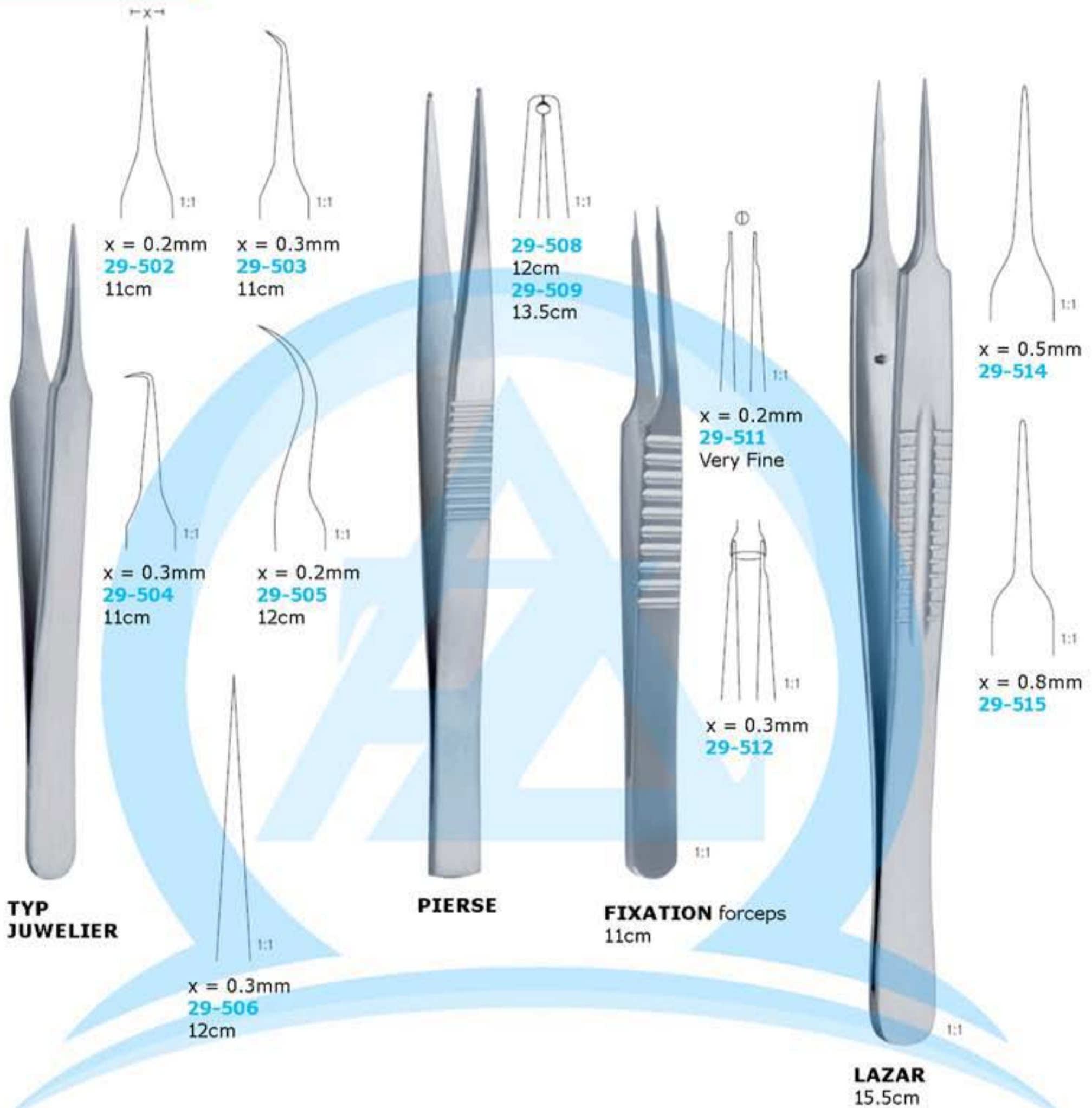


Straight <b>29-493</b> 20cm <b>29-495</b> 22.5cm Vannas Blade	Curved <b>29-494</b> 20cm <b>29-496</b> 22.5cm Vannas Blade
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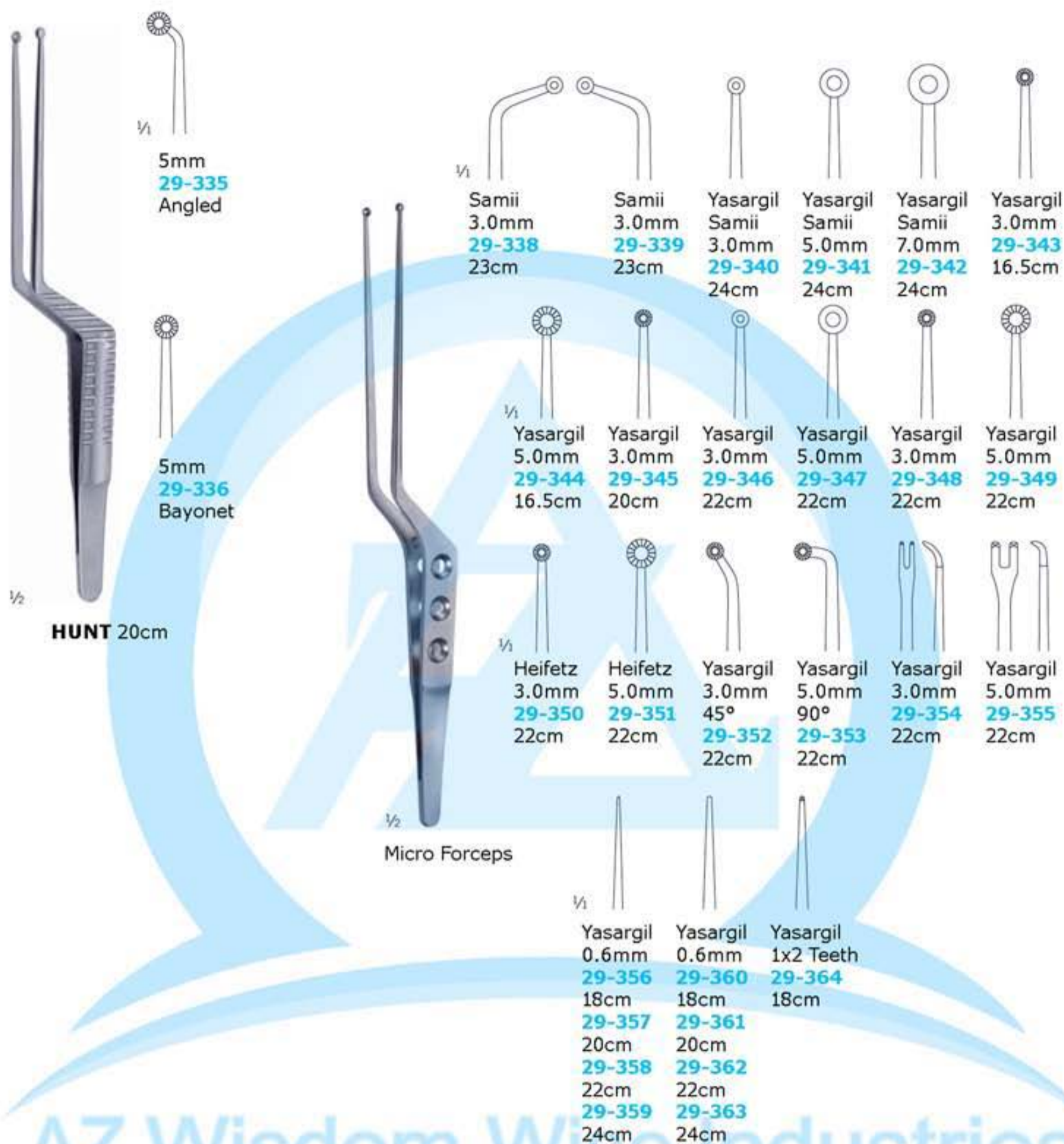
Straight <b>29-497</b> 20cm <b>29-499</b> 22.5cm Dissector Blade Blunt	Curved <b>29-498</b> 20cm <b>29-500</b> 22.5cm Dissector Blade Blunt
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Micro Scissors



AZ Wisdom Wise Industries





AZ Wisdom Wise industries



Tying Platform 6x0.4mm, Smooth

			
9mm Ø	9mm Ø	9mm Ø	9mm Ø
<b>29-517</b>	<b>29-518</b>	<b>29-519</b>	<b>29-520</b>
		1x2 Teeth	1x2 Teeth

Tying Platform 6x0.4mm, Diamond Coated

			
9mm Ø	9mm Ø	9mm Ø	9mm Ø
<b>29-521</b>	<b>29-522</b>	<b>29-523</b>	<b>29-524</b>
		1x2 Teeth	1x2 Teeth


Tying Platform 6x0.8mm, Smooth

			
9mm Ø	9mm Ø	9mm Ø	9mm Ø
<b>29-525</b>	<b>29-526</b>	<b>29-527</b>	<b>29-528</b>
		1x2 Teeth	1x2 Teeth

Tying Platform 6x0.8mm, Diamond Coated

			
9mm Ø	9mm Ø	9mm Ø	9mm Ø
<b>29-529</b>	<b>29-530</b>	<b>29-531</b>	<b>29-532</b>
		1x2 Teeth	1x2 Teeth

Jaw Smooth

			
0.3mm	0.3mm	0.7mm	0.7mm
Straight	Curved	Straight	Curved
<b>29-534</b>	<b>29-535</b>	<b>29-536</b>	<b>29-537</b>
15cm	15cm	15cm	15cm
<b>29-538</b>	<b>29-539</b>	<b>29-540</b>	<b>29-541</b>
18cm	18cm	18cm	18cm
<b>29-542</b>	<b>29-543</b>	<b>29-544</b>	<b>29-545</b>
21cm	21cm	21cm	21cm
<b>29-546</b>	<b>29-547</b>	<b>29-548</b>	<b>29-549</b>
23cm	23cm	23cm	23cm

Tying Platform 6x0.3mm, Smooth

			
0.3mm	0.3mm	0.7mm	0.7mm
Straight	Curved	Straight	Curved
<b>29-550</b>	<b>29-551</b>	<b>29-552</b>	<b>29-553</b>
15cm	15cm	15cm	15cm
<b>29-554</b>	<b>29-555</b>	<b>29-556</b>	<b>29-557</b>
18cm	18cm	18cm	18cm
<b>29-558</b>	<b>29-559</b>	<b>29-560</b>	<b>29-561</b>
21cm	21cm	21cm	21cm
<b>29-562</b>	<b>29-563</b>	<b>29-564</b>	<b>29-565</b>
23cm	23cm	23cm	23cm
		1x2 Teeth	1x2 Teeth

Tying Platform 6x0.7mm, Smooth

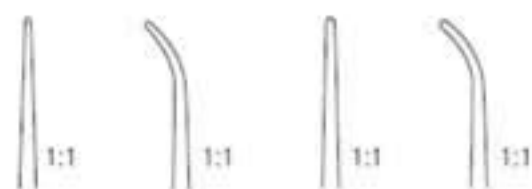
			
0.3mm	0.3mm	0.7mm	0.7mm
Straight	Curved	Straight	Curved
<b>29-566</b>	<b>29-567</b>	<b>29-568</b>	<b>29-569</b>
15cm	15cm	15cm	15cm
<b>29-570</b>	<b>29-571</b>	<b>29-572</b>	<b>29-573</b>
18cm	18cm	18cm	18cm
<b>29-574</b>	<b>29-575</b>	<b>29-576</b>	<b>29-577</b>
21cm	21cm	21cm	21cm
<b>29-578</b>	<b>29-579</b>	<b>29-580</b>	<b>29-581</b>
23cm	23cm	23cm	23cm
		1x2 Teeth	1x2 Teeth

Micro  
 Forceps  
 With  
 Round  
 Handle  
 8mm Ø

Micro Forceps  
 18cm

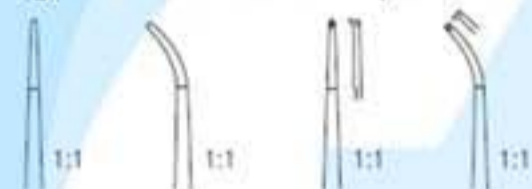


Diamond Coated



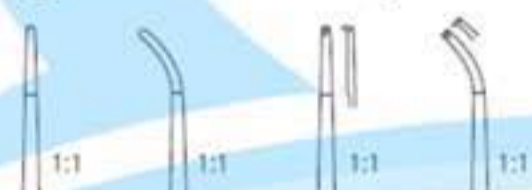
0.3mm	0.3mm	0.7mm	0.7mm
Straight	Curved	Straight	Curved
<b>29-583</b>	<b>29-584</b>	<b>29-585</b>	<b>29-586</b>
15cm	15cm	15cm	15cm
<b>29-587</b>	<b>29-588</b>	<b>29-589</b>	<b>29-590</b>
18cm	18cm	18cm	18cm
<b>29-591</b>	<b>29-592</b>	<b>29-593</b>	<b>29-594</b>
21cm	21cm	21cm	21cm
<b>29-595</b>	<b>29-596</b>	<b>29-597</b>	<b>29-598</b>
23cm	23cm	23cm	23cm

Tying Platform 6x0.3mm, Diamond Coated



0.3mm	0.3mm	0.7mm	0.7mm
Straight	Curved	Straight	Curved
<b>29-599</b>	<b>29-600</b>	<b>29-601</b>	<b>29-602</b>
15cm	15cm	15cm	15cm
<b>29-603</b>	<b>29-604</b>	<b>29-605</b>	<b>29-606</b>
18cm	18cm	18cm	18cm
<b>29-607</b>	<b>29-608</b>	<b>29-609</b>	<b>29-610</b>
21cm	21cm	21cm	21cm
<b>29-611</b>	<b>29-612</b>	<b>29-613</b>	<b>29-614</b>
23cm	23cm	23cm	23cm
		1x2	1x2
		Teeth	Teeth

Tying Platform 6x0.7mm, Diamond Coated



0.3mm	0.3mm	0.7mm	0.7mm
Straight	Curved	Straight	Curved
<b>29-615</b>	<b>29-616</b>	<b>29-617</b>	<b>29-618</b>
15cm	15cm	15cm	15cm
<b>29-619</b>	<b>29-620</b>	<b>29-621</b>	<b>29-622</b>
18cm	18cm	18cm	18cm
<b>29-623</b>	<b>29-624</b>	<b>29-625</b>	<b>29-626</b>
21cm	21cm	21cm	21cm
<b>29-627</b>	<b>29-628</b>	<b>29-629</b>	<b>29-630</b>
23cm	23cm	23cm	23cm
		1x2	1x2
		Teeth	Teeth

Micro Forceps With Round Handle 8mm Ø

Straight	Straight	Angled	Angled
<b>29-632</b>	<b>29-633</b>	<b>29-634</b>	<b>29-635</b>
16cm	16cm	16cm	16cm
<b>29-636</b>	<b>29-637</b>	<b>29-638</b>	<b>29-639</b>
18cm	18cm	18cm	18cm
Sharp	Blunt	Sharp	Blunt

Straight	Straight	Angled	Angled
<b>29-640</b>	<b>29-641</b>	<b>29-642</b>	<b>29-643</b>
16cm	16cm	16cm	16cm
<b>29-644</b>	<b>29-645</b>	<b>29-646</b>	<b>29-647</b>
18cm	18cm	18cm	18cm
Sharp	Blunt	Sharp	Blunt
Diamond Coated	Diamond Coated	Diamond Coated	Diamond Coated



JACOBSON



**YASARGIL** 22.5cm

**Micro Forceps**

**Micro Forceps**  
 With Round Handle 9mm Ø



Micro Forceps With Round Handle 9mm Ø

- |   |  |
|---|--|
|                  |                     |
| 1x0.5mm<br>29-690<br>15cm<br>29-691<br>18cm<br>29-692<br>21cm<br>29-693<br>23cm<br>Smooth         | 1x0.5mm<br>29-694<br>15cm<br>29-695<br>18cm<br>29-696<br>21cm<br>29-697<br>23cm<br>Slightly Serrated |
|                 |                    |
| 2x1mm<br>29-698<br>15cm<br>29-699<br>18cm<br>29-700<br>21cm<br>29-701<br>23cm<br>Smooth           | 2x1mm<br>29-702<br>15cm<br>29-703<br>18cm<br>29-704<br>21cm<br>29-705<br>23cm<br>Slightly Serrated   |
|                |                   |
| 1x0.5mm<br>29-706<br>15cm<br>29-707<br>18cm<br>29-708<br>21cm<br>29-709<br>23cm<br>Diamond Coated | 2x1mm<br>29-710<br>15cm<br>29-711<br>18cm<br>29-712<br>21cm<br>29-713<br>23cm<br>Diamond Coated      |



Micro Forceps With Round Handle 9mm Ø

- |   |   |
|---|---|
|    |    |
| 1x0.5mm<br>29-715<br>21cm<br>29-716<br>23cm<br>Smooth                                 | 1x0.5mm<br>29-717<br>21cm<br>29-718<br>23cm<br>Serrated                               |
|  |  |
| 2x1mm<br>29-719<br>21cm<br>29-720<br>23cm<br>Smooth                                   | 2x1mm<br>29-721<br>21cm<br>29-722<br>23cm<br>Serrated                                 |
|  |  |
| 1x0.5mm<br>29-723<br>21cm<br>29-724<br>23cm<br>Diamond Coated                         | 2x1mm<br>29-725<br>21cm<br>29-726<br>23cm<br>Diamond Coated                           |










Micro Forceps With Round Handle

- |   |   |
|---|---|
|            |          |
| x = 1.2mm<br>29-728<br>15cm<br>29-729<br>18cm<br>29-730<br>21cm<br>29-731<br>23cm<br>Straight | x = 2mm<br>29-732<br>15cm<br>29-733<br>18cm<br>29-734<br>21cm<br>29-735<br>23cm<br>Straight |
|          |        |
| x = 1.2mm<br>29-736<br>15cm<br>29-737<br>18cm<br>29-738<br>21cm<br>29-739<br>23cm<br>Angled   | x = 2mm<br>29-740<br>15cm<br>29-741<br>18cm<br>29-742<br>21cm<br>29-743<br>23cm<br>Angled   |



**CASTROVIEJO**  
 17cm  
 11x0.75mm Jaws

- |   |   |  |  |
|---|---|--|--|
|  |  |     |   |
| Straight<br><b>29-745</b><br>Without<br>Ratchet<br>Fine<br>Jaws                   | Curved<br><b>29-746</b><br>Without<br>Ratchet<br>Fine<br>Jaws                     | Straight<br><b>29-747</b><br>Without<br>Ratchet<br>Fine<br>Jaws<br>Diamond<br>Coated | Curved<br><b>29-748</b><br>Without<br>Ratchet<br>Fine<br>Jaws<br>Diamond<br>Coated |

- |  |  |  |  |
|--|--|--|--|
|  |  |  |  |
| Straight<br><b>29-749</b><br>With<br>Ratchet<br>Fine<br>Jaws                       | Curved<br><b>29-750</b><br>With<br>Ratchet<br>Fine<br>Jaws                         | Straight<br><b>29-751</b><br>With<br>Ratchet<br>Fine<br>Jaws<br>Diamond<br>Coated  | Curved<br><b>29-752</b><br>With<br>Ratchet<br>Fine<br>Jaws<br>Diamond<br>Coated    |



**JACOBSON**  
 18cm

- |  |  |  |  |
|--|--|--|--|
|  |  |  |  |
| 1mm<br>Straight<br><b>29-754</b><br>Without<br>Ratchet<br>Smooth                     | 1mm<br>Curved<br><b>29-755</b><br>Without<br>Ratchet<br>Smooth                       | 1mm<br>Straight<br><b>29-756</b><br>Without<br>Ratchet<br>Diamond<br>Coated          | 1mm<br>Curved<br><b>29-757</b><br>Without<br>Ratchet<br>Diamond<br>Coated            |

- |   |   |   |   |
|---|---|---|---|
|  |  |  |  |
| 1mm<br>Straight<br><b>29-758</b><br>With<br>Ratchet<br>Smooth                         | 1mm<br>Curved<br><b>29-759</b><br>With<br>Ratchet<br>Smooth                           | 1mm<br>Straight<br><b>29-760</b><br>Without<br>Ratchet<br>Diamond<br>Coated           | 1mm<br>Curved<br><b>29-761</b><br>With<br>Ratchet<br>Diamond<br>Coated                |

- |   |   |   |   |
|---|---|---|---|
|  |  |  |  |
| 1mm<br>Straight<br><b>29-762</b><br>Without<br>Ratchet<br>Smooth<br>T.C               | 1mm<br>Curved<br><b>29-763</b><br>Without<br>Ratchet<br>Smooth<br>T.C                 | 1mm<br>Straight<br><b>29-764</b><br>Without<br>Ratchet<br>Serrated<br>T.C             | 1mm<br>Curved<br><b>29-765</b><br>Without<br>Ratchet<br>Serrated<br>T.C               |





- |   |   |   |   |
|---|---|---|---|
|  |  |  |  |
| 1mm<br>Straight<br><b>29-766</b><br>With<br>Ratchet<br>Smooth<br>T.C                  | 1mm<br>Curved<br><b>29-767</b><br>With<br>Ratchet<br>Smooth<br>T.C                    | 1mm<br>Straight<br><b>29-768</b><br>With<br>Ratchet<br>Serrated<br>T.C                | 1mm<br>Curved<br><b>29-769</b><br>With<br>Ratchet<br>Serrated<br>T.C                  |



**YASARGIL**

			
1mm Straight <b>29-771</b>	1mm Curved <b>29-772</b>	1mm Straight <b>29-773</b>	1mm Curved <b>29-774</b>
18cm <b>29-775</b>	18cm <b>29-776</b>	18cm <b>29-777</b>	18cm <b>29-778</b>
20cm Without Ratchet Smooth	20cm Without Ratchet Smooth	20cm Without Ratchet Diamond Coated	20cm Without Ratchet Diamond Coated

			
1mm Straight <b>29-780</b>	1mm Curved <b>29-781</b>	1mm Straight <b>29-782</b>	1mm Curved <b>29-783</b>
18cm <b>29-784</b>	18cm <b>29-785</b>	18cm <b>29-786</b>	18cm <b>29-787</b>
20cm With Ratchet Smooth	20cm With Ratchet Smooth	20cm With Ratchet Diamond Coated	20cm With Ratchet Diamond Coated

			
1mm Straight <b>29-789</b>	1mm Curved <b>29-790</b>	1mm Straight <b>29-791</b>	1mm Curved <b>29-792</b>
Without Ratchet Smooth	Without Ratchet Smooth	Without Ratchet Diamond Coated	Without Ratchet Diamond Coated

			
1mm Straight <b>29-793</b>	1mm Curved <b>29-794</b>	1mm Straight <b>29-795</b>	1mm Curved <b>29-796</b>
With Ratchet Smooth	With Ratchet Smooth	With Ratchet Diamond Coated	With Ratchet Diamond Coated

			
1mm Straight <b>29-797</b>	1mm Curved <b>29-798</b>	1mm Straight <b>29-799</b>	1mm Curved <b>29-800</b>
Without Ratchet Smooth <b>T.C</b>	Without Ratchet Smooth <b>T.C</b>	Without Ratchet Serrated <b>T.C</b>	Without Ratchet Serrated <b>T.C</b>


			
1mm Straight <b>29-801</b>	1mm Curved <b>29-802</b>	1mm Straight <b>29-803</b>	1mm Curved <b>29-804</b>
With Ratchet Smooth <b>T.C</b>	With Ratchet Smooth <b>T.C</b>	With Ratchet Serrated <b>T.C</b>	With Ratchet Serrated <b>T.C</b>



**YASARGIL**  
21cm











Micro Needle Holder  
 With Round Handle

	
Straight <b>29-806</b> 8mm Ø 11cm <b>29-808</b> 7mm Ø 12.5cm <b>29-810</b> 8mm Ø 13cm <b>29-812</b> 10mm Ø 13cm <b>29-814</b> 8mm Ø 15cm <b>29-816</b> 8mm Ø 18cm <b>29-818</b> 10mm Ø 18cm Without Ratchet	Curved <b>29-807</b> 8mm Ø 11cm <b>29-809</b> 7mm Ø 12.5cm <b>29-811</b> 8mm Ø 13cm <b>29-813</b> 10mm Ø 13cm <b>29-815</b> 8mm Ø 15cm <b>29-817</b> 8mm Ø 18cm <b>29-819</b> 10mm Ø 18cm Without Ratchet
	
Straight <b>29-820</b> 8mm Ø 11cm <b>29-822</b> 7mm Ø 12.5cm <b>29-824</b> 8mm Ø 13cm <b>29-826</b> 10mm Ø 13cm <b>29-828</b> 8mm Ø 15cm <b>29-830</b> 8mm Ø 18cm <b>29-832</b> 10mm Ø 18cm Without Ratchet	Curved <b>29-821</b> 8mm Ø 11cm <b>29-823</b> 7mm Ø 12.5cm <b>29-825</b> 8mm Ø 13cm <b>29-827</b> 10mm Ø 13cm <b>29-829</b> 8mm Ø 15cm <b>29-831</b> 8mm Ø 18cm <b>29-833</b> 10mm Ø 18cm Without Ratchet



**BARRAQUER**  
 14cm  
 8mm Ø

			
Straight <b>29-835</b> Without Ratchet Extra Delicate Jaws	Curved <b>29-836</b> Without Ratchet Extra Delicate Jaws	Straight <b>29-837</b> Without Ratchet Extra Delicate Jaws Diamond Coated	Curved <b>29-838</b> Without Ratchet Extra Delicate Jaws Diamond Coated
			
Straight <b>29-839</b> With Ratchet Extra Delicate Jaws	Curved <b>29-840</b> With Ratchet Extra Delicate Jaws	Straight <b>29-841</b> With Ratchet Extra Delicate Jaws Diamond Coated	Curved <b>29-842</b> With Ratchet Extra Delicate Jaws Diamond Coated

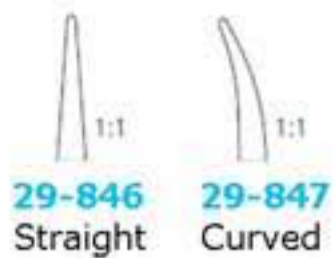


Micro Needle Holder  
 Without Ratchet 9mm Ø  
**29-844**  
 15cm



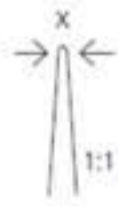









Micro Needle Holder  
 22.5cm



Micro Needle Holder

			
x = 0.4mm Straight	x = 0.4mm Curved	x = 0.9mm Straight	x = 0.9mm Curved
29-848-1	29-848-2	29-848-3	29-848-4
20cm	20cm	20cm	20cm
29-848-5	29-848-6	29-848-7	29-848-6
22.5cm	22.5cm	22.5cm	22.5cm
29-848-9	29-848-10	29-848-11	29-848-12
24cm	24cm	24cm	24cm
Without Ratchet	Without Ratchet	Without Ratchet	Without Ratchet
			
x = 0.4mm Straight	x = 0.4mm Curved	x = 0.9mm Straight	x = 0.9mm Curved
29-848-13	29-848-14	29-848-15	29-848-16
20cm	20cm	20cm	20cm
29-848-17	29-848-18	29-848-19	29-848-20
22.5cm	22.5cm	22.5cm	22.5cm
29-848-21	29-848-22	29-848-23	29-848-24
24cm	24cm	24cm	24cm
Without Ratchet Diamond Coated	Without Ratchet Diamond Coated	Without Ratchet Diamond Coated	Without Ratchet Diamond Coated

AZ Wisdom Wise Industries



**YASARGIL**  
20cm



**29-849**  
Straight  
Smooth



**29-850**  
Curved  
Smooth



**YASARGIL**  
22.5cm



**29-852**  
Straight  
Smooth



**29-853**  
Curved  
Smooth

AZ Wisdom Wise Industries



**FERRIS - SMITH - KERRISON**  
 Thin Footplate

1mm 2mm 3mm 4mm 5mm 6mm

Cutting Downward



x = 15cm	x = 18cm	x = 20cm	x = 23cm
29-860 = 1mm	29-866 = 1mm	29-872 = 1mm	29-878 = 1mm
29-861 = 2mm	29-867 = 2mm	29-873 = 2mm	29-879 = 2mm
29-862 = 3mm	29-868 = 3mm	29-874 = 3mm	29-880 = 3mm
29-863 = 4mm	29-869 = 4mm	29-875 = 4mm	29-881 = 4mm
29-864 = 5mm	29-870 = 5mm	29-876 = 5mm	29-882 = 5mm
29-865 = 6mm	29-871 = 6mm	29-877 = 6mm	29-883 = 6mm

Cutting Upward



x = 15cm	x = 18cm	x = 20cm	x = 23cm
29-884 = 1mm	29-890 = 1mm	29-896 = 1mm	29-902 = 1mm
29-885 = 2mm	29-891 = 2mm	29-897 = 2mm	29-903 = 2mm
29-886 = 3mm	29-892 = 3mm	29-898 = 3mm	29-904 = 3mm
29-887 = 4mm	29-893 = 4mm	29-899 = 4mm	29-905 = 4mm
29-888 = 5mm	29-894 = 5mm	29-900 = 5mm	29-906 = 5mm
29-889 = 6mm	29-895 = 6mm	29-901 = 6mm	29-907 = 6mm

Cutting Upward Angled



x = 15cm	x = 18cm	x = 20cm	x = 23cm
29-908 = 1mm	29-914 = 1mm	29-920 = 1mm	29-926 = 1mm
29-909 = 2mm	29-915 = 2mm	29-921 = 2mm	29-927 = 2mm
29-910 = 3mm	29-916 = 3mm	29-922 = 3mm	29-928 = 3mm
29-911 = 4mm	29-917 = 4mm	29-923 = 4mm	29-929 = 4mm
29-912 = 5mm	29-918 = 5mm	29-924 = 5mm	29-930 = 5mm
29-913 = 6mm	29-919 = 6mm	29-925 = 6mm	29-931 = 6mm

Cutting Upward Angled Fine



x = 18cm	x = 23cm
29-932 = 1mm	29-938 = 1mm
29-933 = 2mm	29-939 = 2mm
29-934 = 3mm	29-940 = 3mm
29-935 = 4mm	29-941 = 4mm
29-936 = 5mm	29-942 = 5mm
29-937 = 6mm	29-943 = 6mm



**FERRIS - SMITH - KERRISON**  
 Thin Footplate

1mm 2mm 3mm 4mm 5mm 6mm

Cutting Downward



x = 18cm  
 29-945 = 1mm  
 29-946 = 2mm  
 29-947 = 3mm  
 29-948 = 4mm  
 29-949 = 5mm  
 29-950 = 6mm

x = 23cm  
 29-951 = 2mm  
 29-952 = 3mm  
 29-953 = 4mm  
 29-954 = 5mm  
 29-955 = 6mm

Cutting Upward



x = 18cm  
 29-956 = 1mm  
 29-957 = 2mm  
 29-958 = 3mm  
 29-959 = 4mm  
 29-960 = 5mm  
 29-961 = 6mm

x = 23cm  
 29-962 = 2mm  
 29-963 = 3mm  
 29-964 = 4mm  
 29-965 = 5mm  
 29-966 = 6mm

Cutting Upward Angled

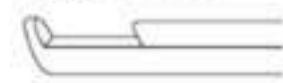


x = 18cm  
 29-967 = 1mm  
 29-968 = 2mm  
 29-969 = 3mm  
 29-970 = 4mm  
 29-971 = 5mm  
 29-972 = 6mm

x = 20cm  
 29-973 = 2mm  
 29-974 = 3mm  
 29-975 = 4mm  
 29-976 = 5mm  
 29-977 = 6mm

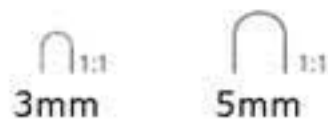
x = 23cm  
 29-978 = 2mm  
 29-979 = 3mm  
 29-980 = 4mm  
 29-981 = 5mm  
 29-982 = 6mm

Cutting Upward Angled Fine



x = 18cm  
 29-983 = 1mm  
 29-984 = 2mm  
 29-985 = 3mm  
 29-986 = 4mm  
 29-987 = 5mm  
 29-988 = 6mm

x = 23cm  
 29-989 = 2mm  
 29-990 = 3mm  
 29-991 = 4mm  
 29-992 = 5mm  
 29-993 = 6mm



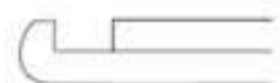
Cutting Upward

x = 15cm

29-1000 = 3mm  
 29-1001 = 5mm

x = 20cm

29-1002 = 3mm  
 29-1003 = 5mm



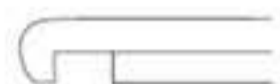
Cutting Downward

x = 15cm

29-1004 = 3mm  
 29-1005 = 5mm

x = 20cm

29-1006 = 3mm  
 29-1007 = 5mm



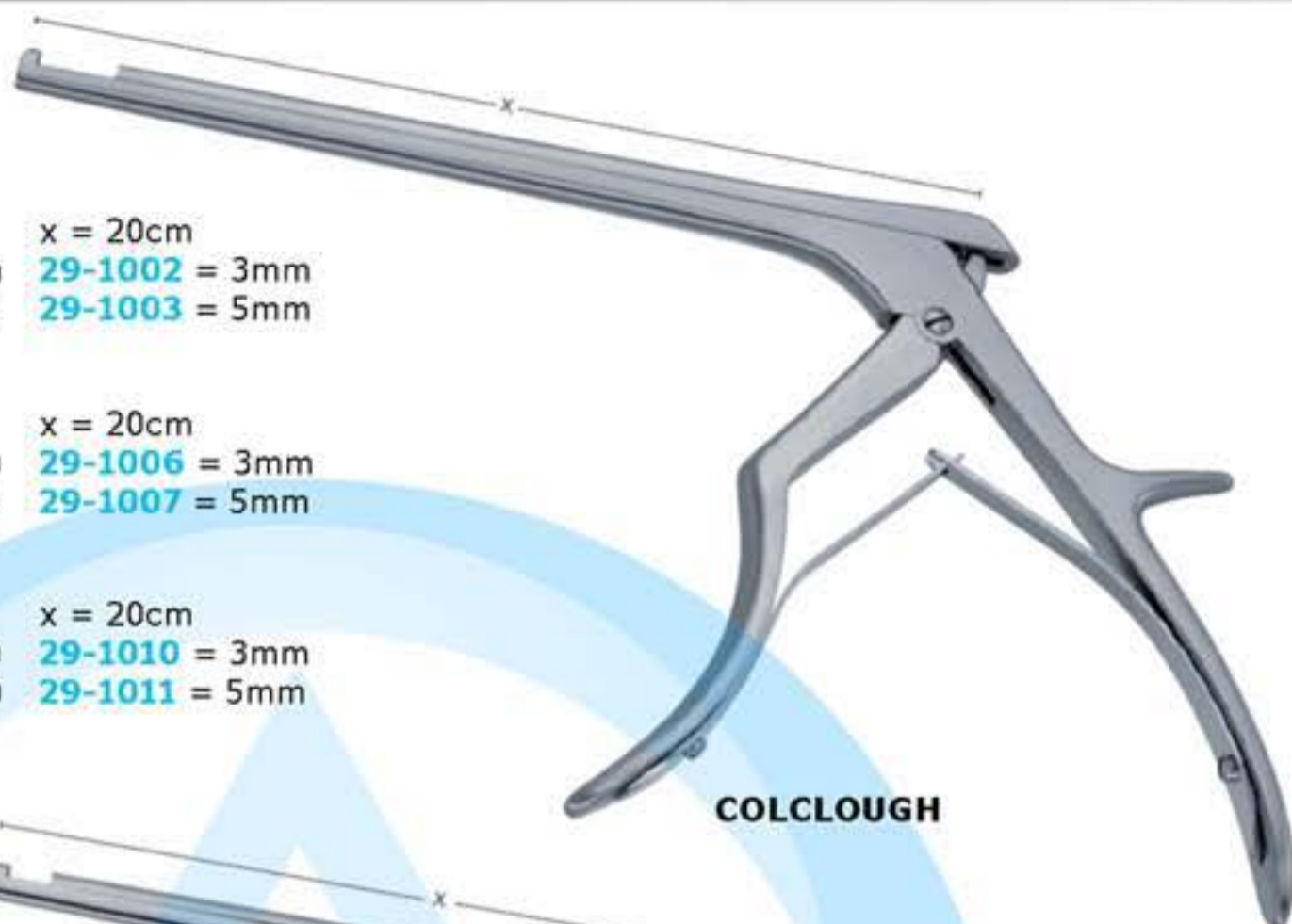
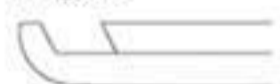
Cutting Upward Angled

x = 15cm

29-1008 = 3mm  
 29-1009 = 5mm

x = 20cm

29-1010 = 3mm  
 29-1011 = 5mm



COLCLOUGH



Cutting Downward  
 x = 18cm  
 29-1013 = 5mm



Cutting Upward  
 x = 18cm  
 29-1014 = 5mm



FERRIS - SMITH - KERRISON  
 18cm



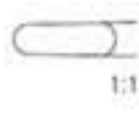
**CUSHING** 2x10mm  
 Cutting Straight Upward  
 29-1015 = x = 13cm  
 29-1016 = x = 18cm  
 29-1017 = x = 22cm



**CUSHING** 2x10mm  
 Cutting Angled Upward  
 29-1018 = x = 13cm  
 29-1019 = x = 18cm  
 29-1020 = x = 22cm



**CUSHING** 2x10mm  
 Cutting Angled Downward  
 29-1021 = x = 13cm  
 29-1022 = x = 18cm  
 29-1023 = x = 22cm



**LOVE - GRUENWALD** 3x10mm  
 Cutting Straight Upward  
 29-1024 = x = 13cm  
 29-1025 = x = 18cm  
 29-1026 = x = 22cm

**LOVE - GRUENWALD** 3x10mm  
 Cutting Angled Upward  
 29-1027 = x = 13cm  
 29-1028 = x = 18cm  
 29-1029 = x = 22cm

**LOVE - GRUENWALD** 3x10mm  
 Cutting Angled Downward  
 29-1030 = x = 13cm  
 29-1031 = x = 18cm  
 29-1032 = x = 22cm



**SPURLING** 4x10mm  
 Cutting Straight Upward  
 29-1033 = x = 13cm  
 29-1034 = x = 18cm  
 29-1035 = x = 22cm

**SPURLING** 4x10mm  
 Cutting Angled Upward  
 29-1036 = x = 13cm  
 29-1037 = x = 18cm  
 29-1038 = x = 22cm

**SPURLING** 4x10mm  
 Cutting Angled Downward  
 29-1039 = x = 13cm  
 29-1040 = x = 18cm  
 29-1041 = x = 22cm



**CLOWARD** 6x10mm  
 Cutting Straight Upward  
 29-1042 = x = 18cm







**SCHLESINGER**  
**29-1069**  
 19cm  
 Saw Edge  
 3x10mm Jaw  
 x = 125mm



**29-1066**  
 3.5mm Ø

**29-1067**  
 6mm Ø

**OLDENBERG**  
 17cm  
 x = 180mm



**CASPAR**  
 Fenestrated And Serrated Jaw

Cutting Straight Upward

x = 14cm	x = 16cm	x = 18.5cm
<b>29-1071</b> = 2x12mm	<b>29-1074</b> = 2x12mm	<b>29-1079</b> = 2x12mm
<b>29-1072</b> = 3x12mm	<b>29-1075</b> = 3x12mm	<b>29-1080</b> = 3x12mm
<b>29-1073</b> = 4x14mm	<b>29-1076</b> = 4x14mm	<b>29-1081</b> = 4x14mm
	<b>29-1077</b> = 5x14mm	<b>29-1082</b> = 5x14mm
	<b>29-1078</b> = 6x16mm	<b>29-1083</b> = 6x16mm

Cutting Angled Upward

x = 14cm	x = 16cm	x = 18.5cm
<b>29-1084</b> = 3x12mm	<b>29-1086</b> = 3x12mm	<b>29-1089</b> = 2x12mm
<b>29-1085</b> = 4x14mm	<b>29-1087</b> = 4x14mm	<b>29-1090</b> = 3x14mm
	<b>29-1088</b> = 5x14mm	<b>29-1091</b> = 4x14mm

Cutting Angled Upward






x = 14cm	x = 16cm	x = 18.5cm
<b>29-1092</b> = 3x12mm	<b>29-1094</b> = 3x12mm	<b>29-1096</b> = 2x12mm
<b>29-1093</b> = 4x14mm	<b>29-1095</b> = 4x14mm	<b>29-1097</b> = 3x14mm



**WEIL - BLAKESLEY**



Fig. 1 a = 3mm    Fig. 2 a = 3.5mm    Fig. 3 a = 4.5mm    Fig. 4 a = 5mm    Fig. 5 a = 5.5mm

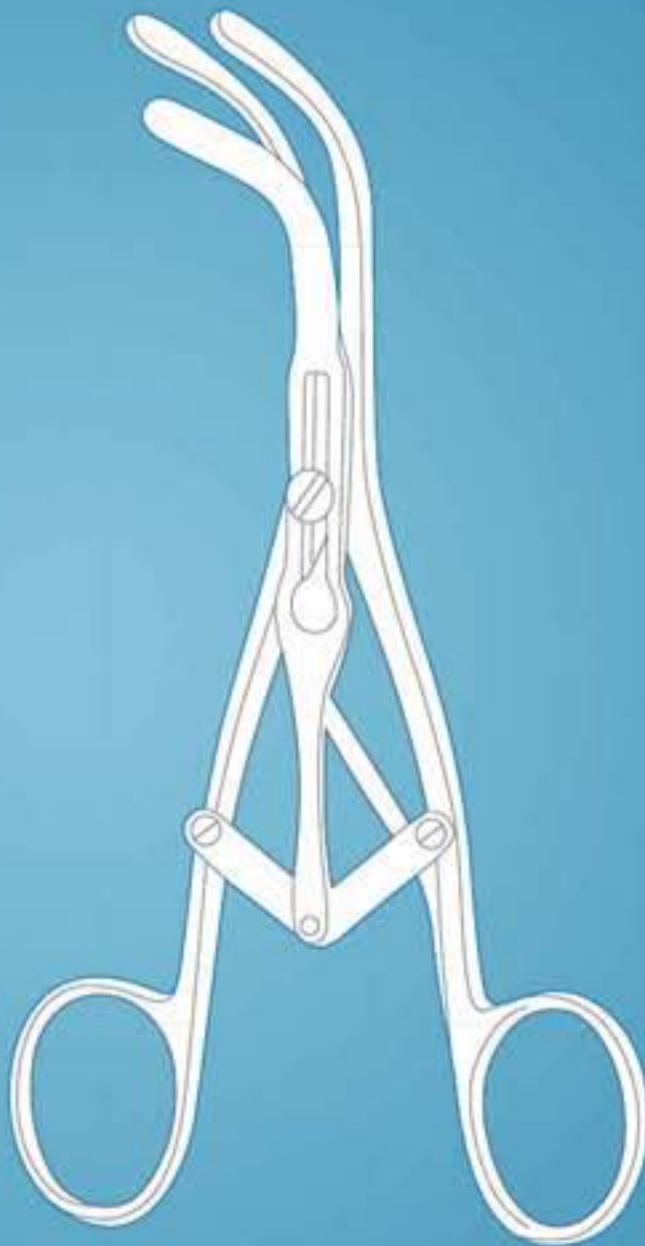
	x = 12cm <b>29-1100</b> 0°	x = 12cm <b>29-1105</b> 0°	x = 12cm <b>29-1110</b> 0°	x = 12cm <b>29-1115</b> 0°	x = 12cm <b>29-1119</b> 0°
	x = 12cm <b>29-1101</b> 45°	x = 12cm <b>29-1106</b> 45°	x = 12cm <b>29-1111</b> 45°	x = 12cm <b>29-1116</b> 45°	
	x = 12cm <b>29-1102</b> 90°	x = 12cm <b>29-1107</b> 90°	x = 12cm <b>29-1112</b> 90°		
	x = 18cm <b>29-1103</b> 45°	x = 18cm <b>29-1108</b> 45°	x = 18cm <b>29-1113</b> 45°	x = 18cm <b>29-1117</b> 45°	x = 18cm <b>29-1120</b> 45°
	x = 18cm <b>29-1104</b> 90°	x = 18cm <b>29-1109</b> 90°	x = 18cm <b>29-1114</b> 90°	x = 18cm <b>29-1118</b> 90°	



Tracheotomie  
Tracheotomy  
Traqueotomía  
Trachéotomie  
Tracheotomia

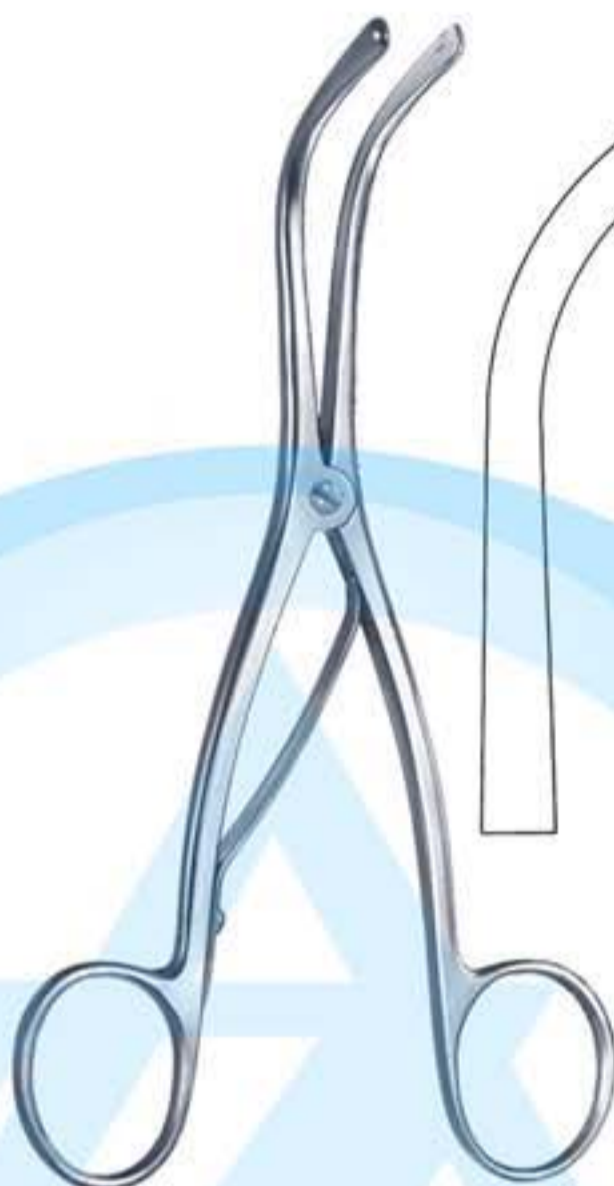
# 30

368 - 370





**LABORDE**  
TraCheal Dilator  
**30-001**  
14cm



**TROUSSEAU**  
TraCheal Dilator  
**30-002**  
14cm



**LUER STANDARD  
MARTIN LARYNGECTOMY  
TRACHEAL TUBES**

- 30-004** = 4mmØ = Fig. 0
- 30-005** = 5mmØ = Fig. 1
- 30-006** = 6mmØ = Fig. 2
- 30-007** = 7mmØ = Fig. 3
- 30-008** = 8mmØ = Fig. 4
- 30-009** = 9mmØ = Fig. 5
- 30-010** = 10mmØ = Fig. 6
- 30-011** = 11mmØ = Fig. 7
- 30-012** = 12mmØ = Fig. 8
- 30-013** = 13mmØ = Fig. 9



**CHEVALIER - JACKSON  
LEWIS LARYNGECTOMY  
TRACHEAL TUBES  
TAPERD STERLING**

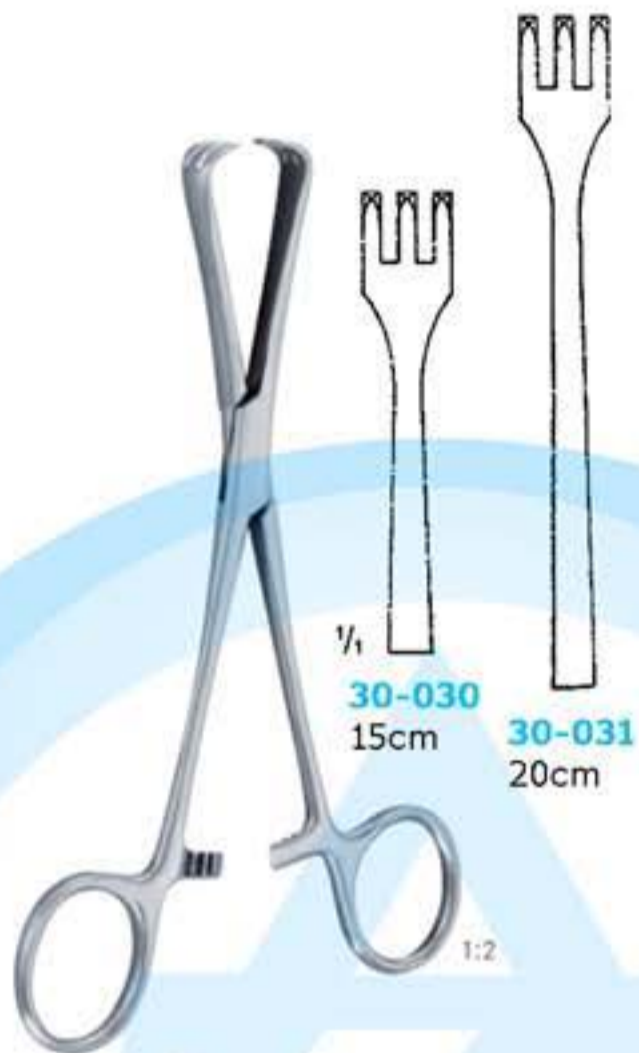
- 30-015** = 4mmØ = Fig. 0
- 30-016** = 5mmØ = Fig. 1
- 30-017** = 6mmØ = Fig. 2
- 30-018** = 7mmØ = Fig. 3
- 30-019** = 8mmØ = Fig. 4
- 30-020** = 9mmØ = Fig. 5
- 30-021** = 10mmØ = Fig. 6
- 30-022** = 11mmØ = Fig. 7
- 30-023** = 12mmØ = Fig. 8
- 30-024** = 13mmØ = Fig. 9



**UCKERMANN**  
TraCheal Tube 10mmØ  
**30-026**  
13cm



**MASTIN**  
30-028  
17cm



**LAHEY**

1/1  
**30-030**  
15cm

1/1  
**30-031**  
20cm



**KOCHER**  
30-033  
15cm  
30-034  
16cm

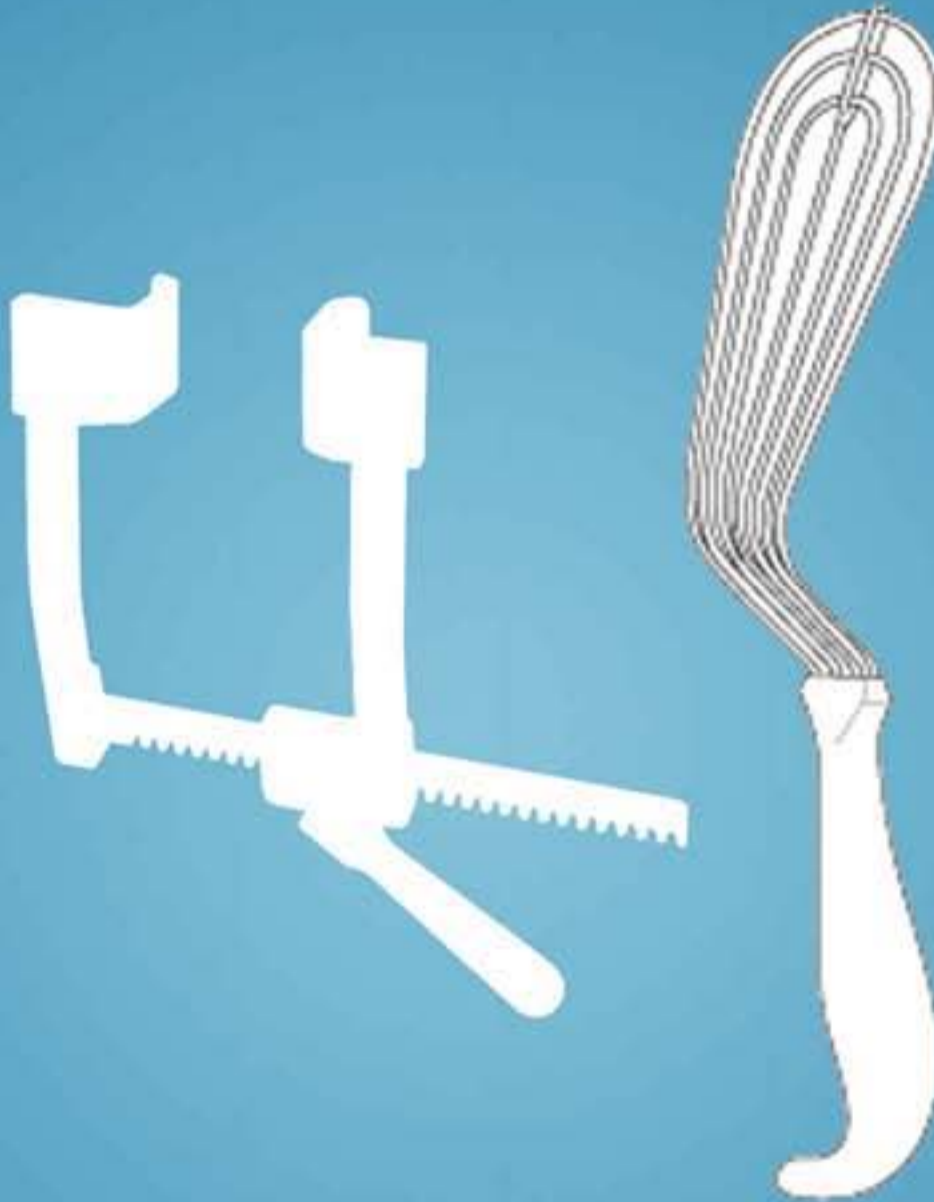


**KOCHER WITH HOLE**  
30-036  
15cm  
30-037  
16cm

AZ Wisdom Wise Industries

Thorax, Lunge  
Thorax, Lungs  
Thorax, Poumon  
Toráico, Pulmón  
Torace, Polmone

**31**  
**371 - 379**





**RIB SHEARS**  
**31-001**  
23cm



**RIB SHEARS**  
**31-003**  
22cm



**GLUCK**  
**31-005** = 19cm  
**31-006** = 22cm



**STILLE**  
**31-008**  
21cm



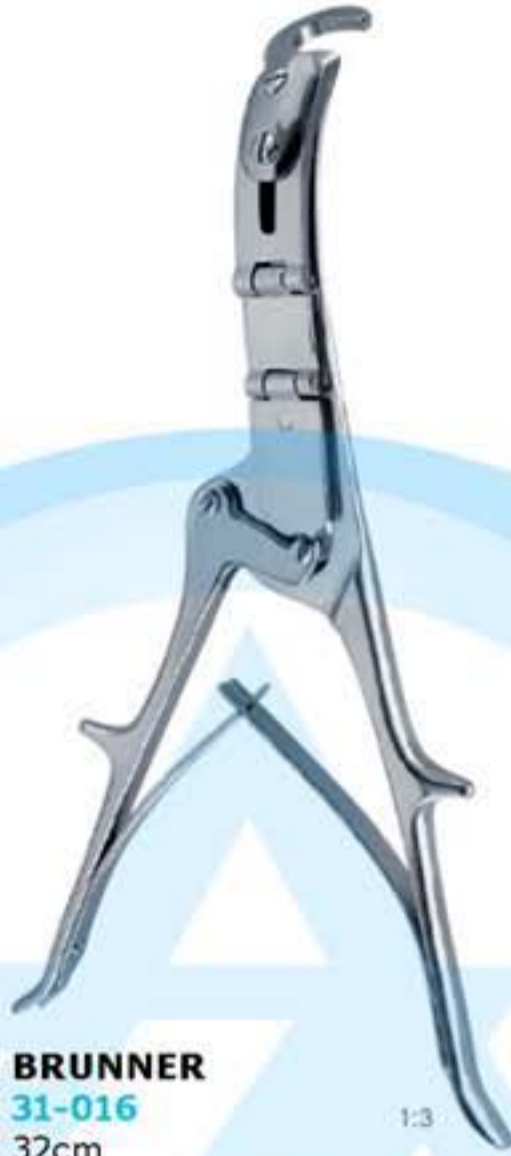
**LEBSCHE**  
**31-010**  
24.5cm



**BETHUNE**  
**31-012**  
34cm



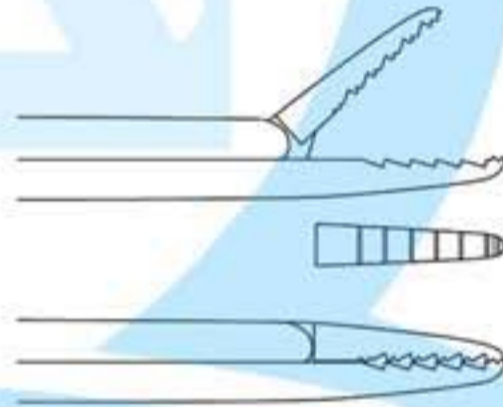
**BRUNNER**  
**31-014**  
32cm  
For The Right Hand



**BRUNNER**  
**31-016**  
32cm  
For The Left Hand



**SAUERBRUCH - FREY**  
**31-018**  
36cm



**SAUERBRUCH**  
**31-020**  
26cm



**GIERTZ - STILLE**  
**31-022**  
27cm



**DRAINAGE FORCEPS**  
**31-024** = Without Lock = 24cm  
**31-025** = With Lock = 24cm  
**31-026** = Without Lock = 34cm  
**31-027** = With Lock = 44cm



**Finochietto - Burford**

**31-029**

80x67mm

Retractor Blade Pair

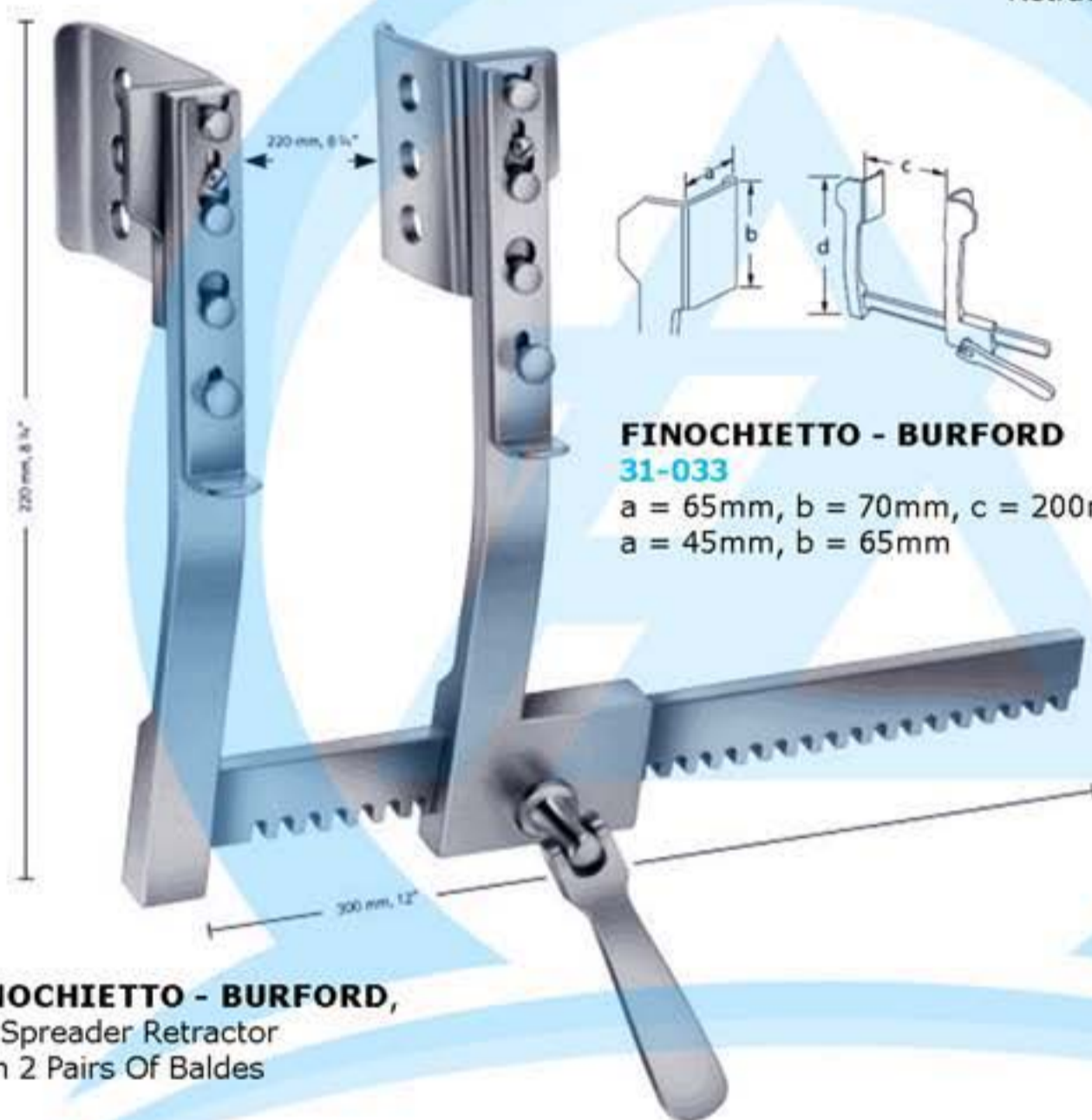


**FINOCHIETTO - BURFORD**

**31-031**

45x64mm

Retractor Blade Pair



**FINOCHIETTO - BURFORD,**  
 Rib Spreader Retractor  
 With 2 Pairs Of Baldes



**DEBAKEY**

**31-035**

Retractor Blade, Spreader Only



**BABY - HAIGHT**

**31-037**

a = 28mm, b = 30mm, c = 85mm, d = 70mm

**31-038**

a = 28mm, b = 30mm, c = 100mm, d = 75mm



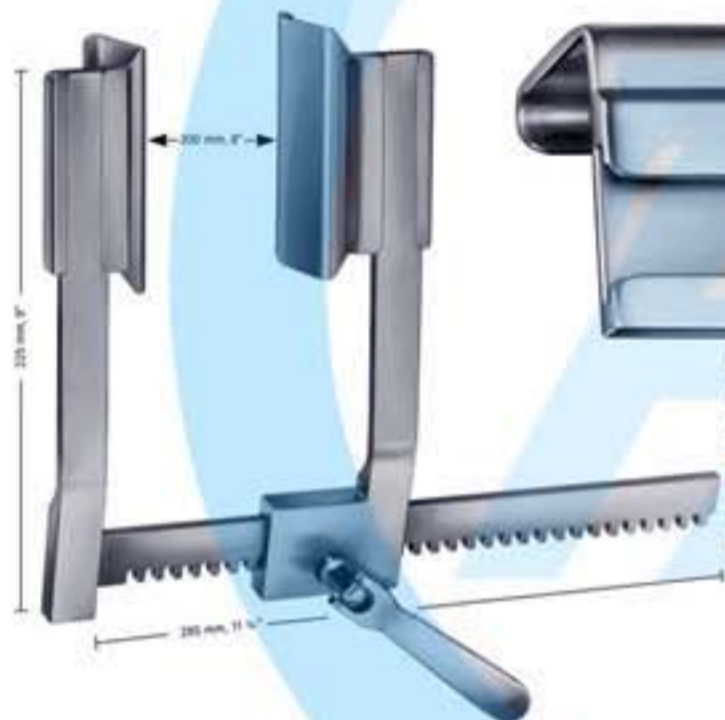
**DEBAKEY, Retractor, Spreader Only**  
**31-040** Blade = 80x60mm  
**31-041** Blade = 50x66mm



**DEBAKEY, Retractor Blade, Pair Of Blades**  
**31-043**  
 Blade = 80x60mm  
 For **31-040**



**DEBAKEY, Retractor Blade, Pair Of Blades**  
**31-045**  
 Blade = 50x66mm  
 For **31-041**



**DEBAKEY, Rib Spreader, Sternum Retractor, Complete**  
**31-047** Blade = 50x80mm  
**31-048** Blade = 60x60mm  
**31-049** Blade = 40x100mm



**DEBAKEY, Retractor Blade, Pair Of Blades**  
**31-050**  
 Blade = 50x80mm  
 For **31-047**



**DEBAKEY, Retractor Blade, Pair Of Blades**  
**31-053**  
 Blade = 60x60mm  
 For **31-048**



**DEBAKEY, Retractor Blade, Pair Of Blades**  
**31-055**  
 Blade = 40x100mm  
 For **31-049**



**DEBAKEY, Rib Spreader, Sternum Retractor, Complete**  
**31-057** Blade = 30x30mm  
**31-058** Blade = 40x40mm  
**31-059** Blade = 50x50mm



**DEBAKEY, Retractor Blade, Pair Of Blades**  
**31-061**  
 Blade = 30x30mm  
 For **31-057**

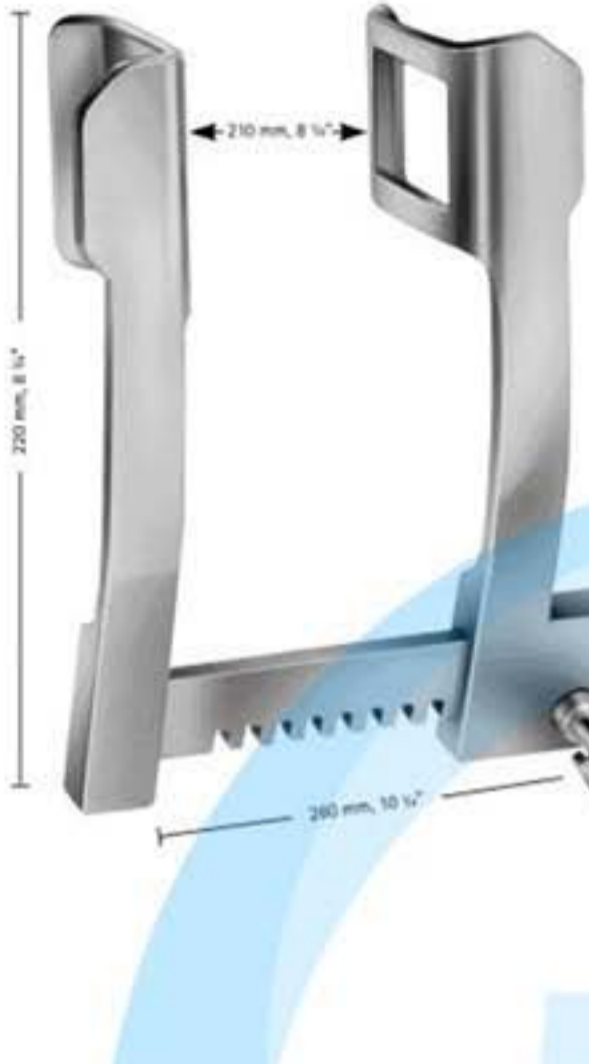


**DEBAKEY, Retractor Blade, Pair Of Blades**  
**31-063**  
 Blade = 40x40mm  
 For **31-058**



**DEBAKEY, Retractor Blade, Pair Of Blades**  
**31-065**  
 Blade = 50x50mm  
 For **31-059**





**FINOCHIETTO**  
 Rib Spreader

**31-067**

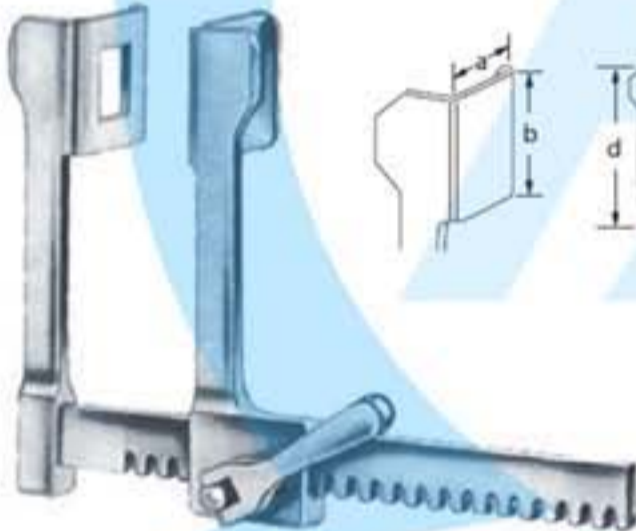
a = 40mm, b = 40mm, c = 165mm, d = 110mm

**31-068**

a = 45mm, b = 65mm, c = 200mm, d = 140mm

**31-069**

a = 70mm, b = 65mm, c = 250mm, d = 140mm

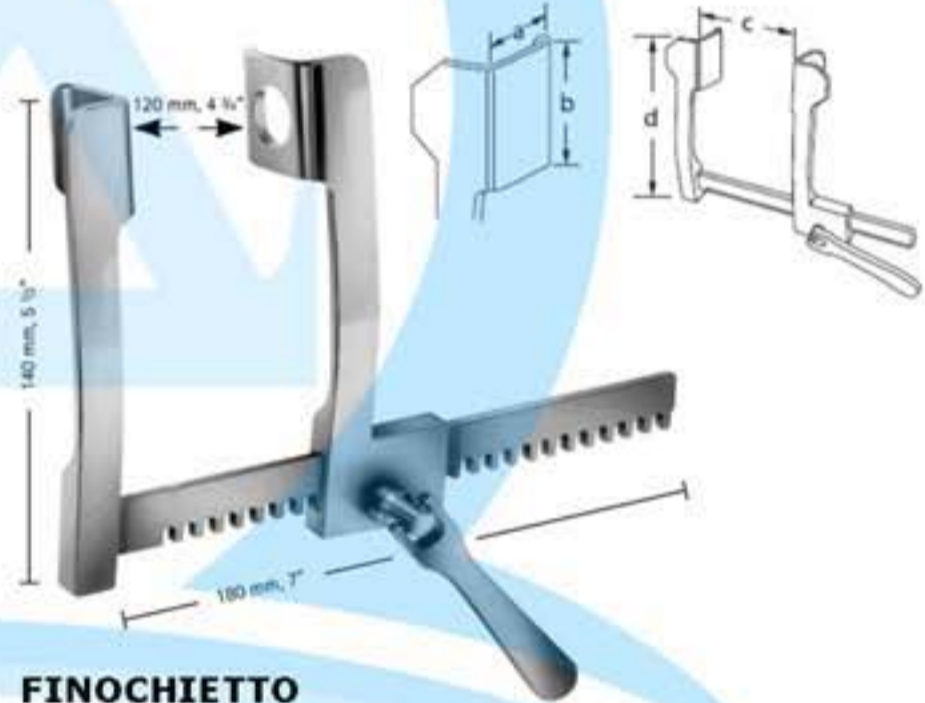


**FINOCHIETTO - BABY**

Rib Spreader

**31-071**

a = 14mm, b = 15mm, c = 75mm, d = 55mm

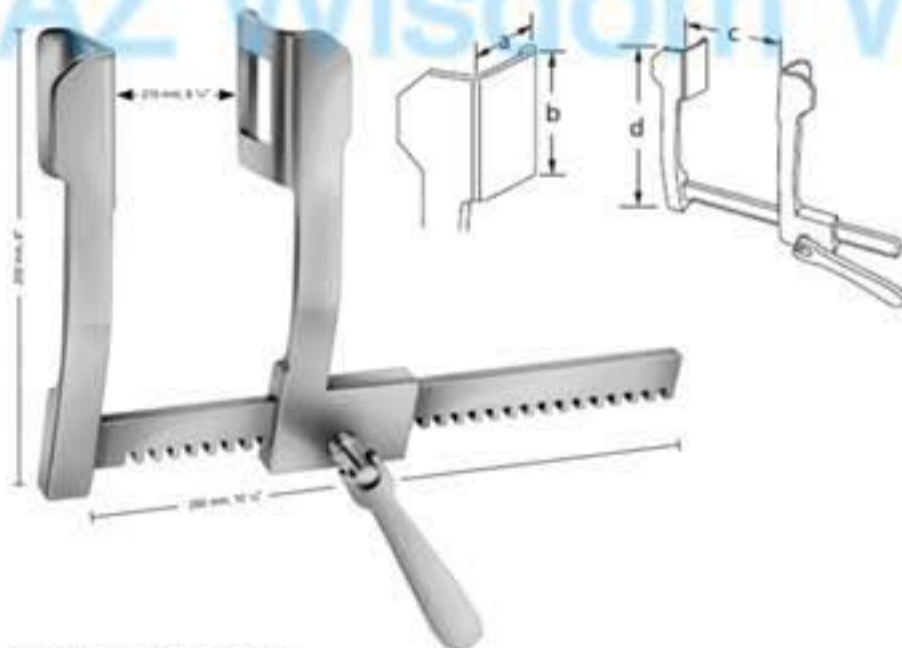


**FINOCHIETTO**

Rib Spreader

**31-073**

a = 28mm, b = 32mm, c = 180mm, d = 140mm

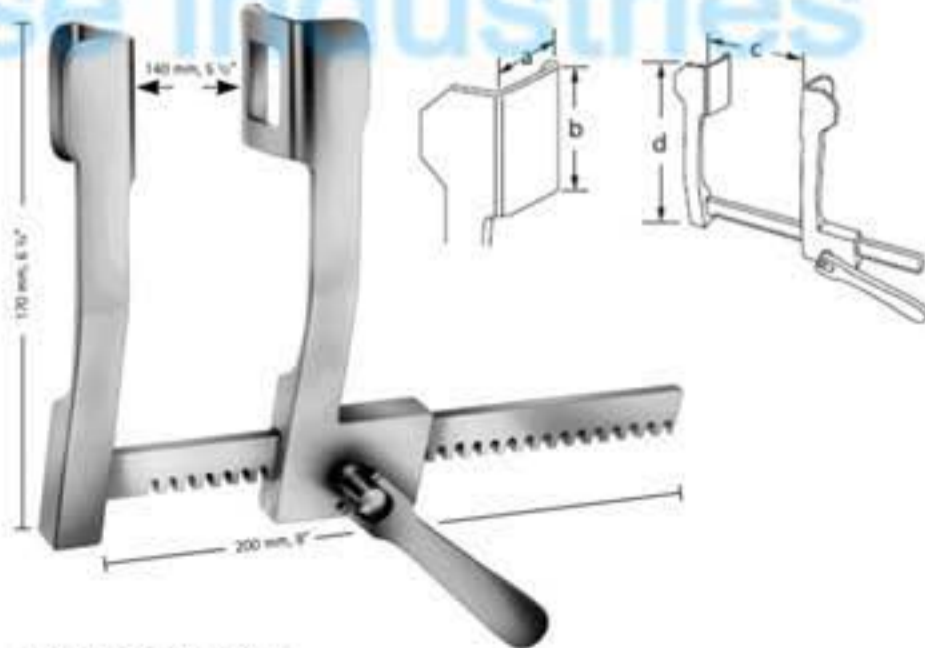


**FINOCHIETTO**

Rib Spreader

**31-075**

a = 44mm, b = 65mm, c = 260mm, d = 200mm



**FINOCHIETTO**

Rib Spreader

**31-077**

a = 26mm, b = 45mm, c = 200mm, d = 170mm

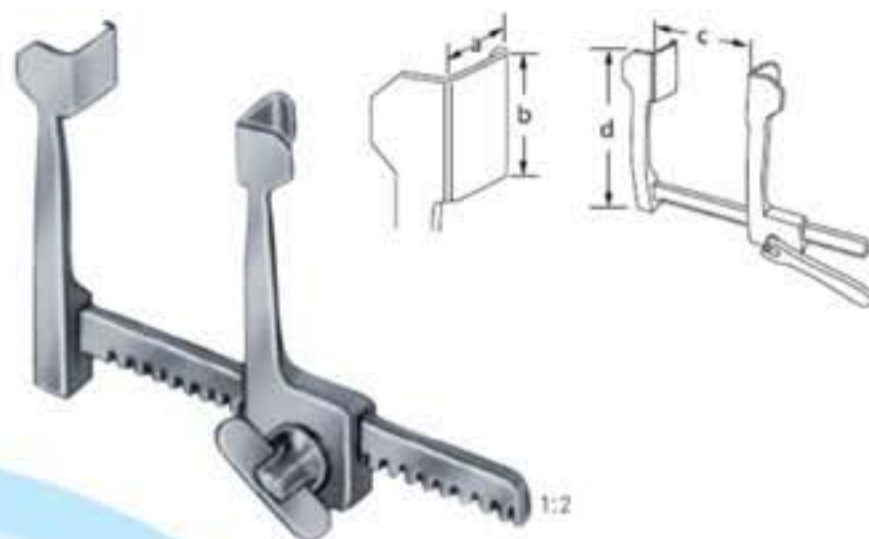


**TUFFIER**

Rib Spreader

**31-079**

a = 50mm, b = 45mm, c = 165mm, d = 110mm



**FINOCHIETTO - INFANT**

Rib Spreader

**31-081**

a = 14mm, b = 15mm, c = 55mm, d = 25mm



**DE BOER (STERNAL)**

Rib Spreader

**31-083**

a = 30mm, b = 100mm, c = 210mm, d = 185mm



**DEBAKEY**

Rib Spreader

**31-085**

a = 20mm, b = 30mm, c = 120mm, d = 130mm

a = 30mm, b = 30mm

For Children, With 2 Pairs Of Interchangeable Blades

**31-086**

a = 30mm, b = 60mm, c = 200mm, d = 190mm

a = 48mm, b = 60mm

For Adults, With 2 Pairs Of Interchangeable Blades

**31-087** Pair Of Blades

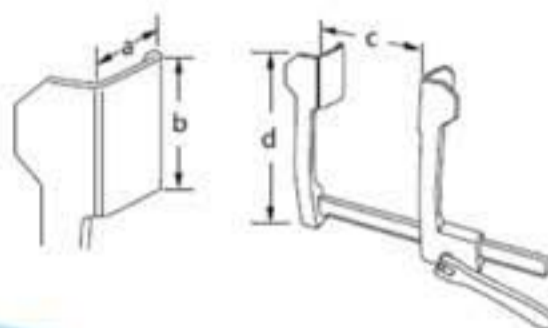
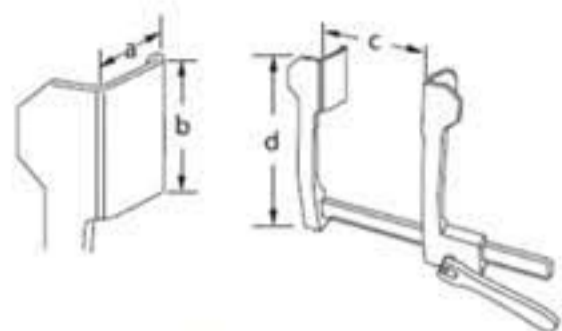
a = 30mm, b = 30mm,

**31-088** Pair Of Blades

a = 30mm, b = 60mm,

**31-089** Pair Of Blades

a = 48mm, b = 60mm,



**MAMMARIA - SPREIZER**  
**31-095**

a = 55mm, b = 100mm, c = 170mm, d = 130mm  
with detachable tilting IMA-blade and set-screw  
to lift the sternal margin for the dissection of the IMA

**MERCEDES THORAXSPERRER**

**31-091**

a = 45mm, b = 68mm, c = 285mm, d = 185mm  
a = 70mm, b = 75mm,

**31-092** Pair Of Blades

a = 45mm, b = 68mm,

**31-093** Pair Of Blades

a = 70mm, b = 75mm,



**LUNG SPATULA**  
**31-100** = 132mm Wide Blade  
 29.5cm

**BAILEY - BABY**  
**31-102**  
 14cm

**BAILEY**  
**31-104**  
 16cm

**ALLISON**  
**31-097** = 40mm Wide Blade  
 27cm  
**31-098** = 50mm Wide Blade  
 30cm  
**31-099** = 65mm Wide Blade  
 32cm  
 Lung Spatula



**LEMMON**  
**31-106** = 14.5cm  
**31-107** = 18cm



**BAILEY - GIBBON**  
**31-109**  
 16cm

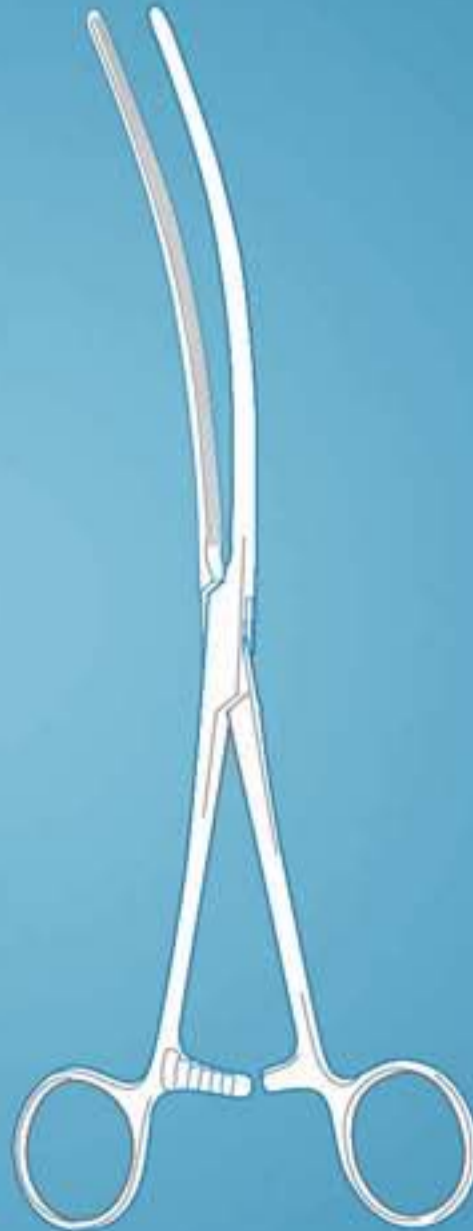


**SELLORS**  
**31-111**  
 19cm

Magen, Darm, Rektum  
Stomach, Intestines, Rectum  
Estomac, Intestins, Rectum  
Estómago, Intestinos, Recto  
Stomaco, Intestini, Retto

**32**

**380 - 403**





**ALLIS - BABY**  
**32-001**  
13cm  
4x5 Teeth



**ALLIS**  
**32-003** = 15cm = 4x5 Teeth  
**32-004** = 15cm = 5x6 Teeth  
**32-005** = 19cm = 5x6 Teeth  
**32-006** = 25cm = 5x6 Teeth



**ALLIS - ADAIR**  
**32-008**  
15.5cm  
10x11 Teeth



**THOMAS - ALLIS**  
**32-010**  
20cm  
6x7 Teeth



**ALLIS**  
Intestinal Grasping Forceps  
**32-012**  
20cm  
5x6 Teeth



**LOCKWOOD**  
**32-013**  
20cm



**WILLIAMS**  
**32-014**  
16cm



**BOYS - ALLIS**  
**32-015**  
15cm  
5x6 Teeth



**JUDD - ALLIS**  
**32-016** = 15cm  
**32-017** = 19cm  
3x4 Teeth



**LITTLEWOOD TISSUE**  
**32-018**  
 19cm  
 2x3 Teeth



**BABCOCK**  
**32-020** = 16cm  
**32-021** = 18cm  
**32-022** = 20cm  
**32-023** = 24cm



**BABCOCK T.C GOLD**



**BABCOCK Atrauma**



**DUVAL T.C GOLD**  
**32-031**  
 20cm



**DUVAL**



**DUVAL - Atrauma**



**ALLIS - Atrauma**

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**KOCHER**



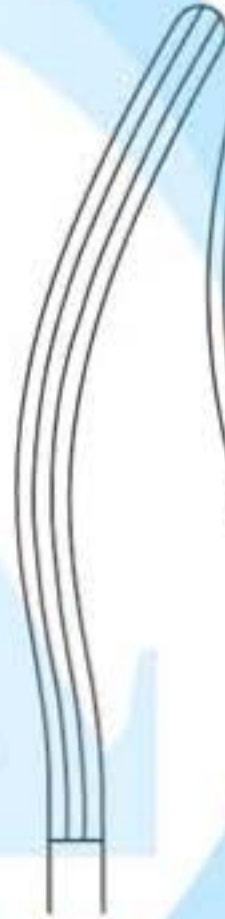
**32-046**  
22cm



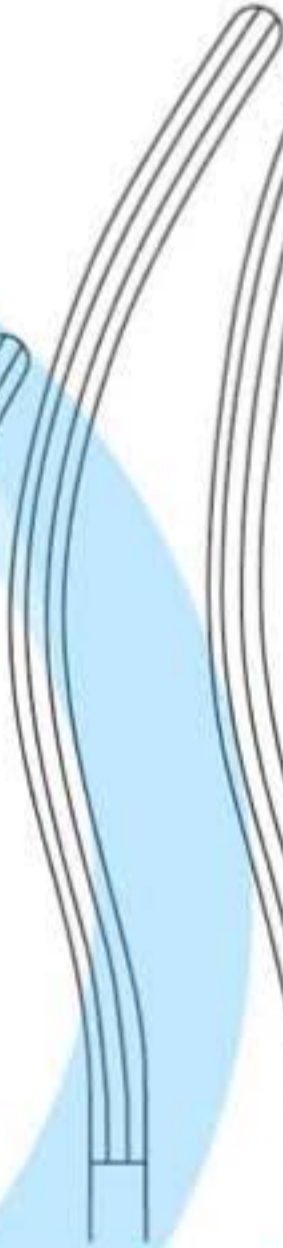
**32-047**  
25cm



**32-048**  
28cm



**32-049**  
22cm



**32-050**  
25cm



**32-051**  
28cm



**ALLEN**  
**32-053**  
 15.5cm  
 1x2 Teeth  
 Intestinal Clamp For Children



**BABY - KOCHER**  
 13cm  
 Intestinal Clamp For Children  
 Very Elastic Blades

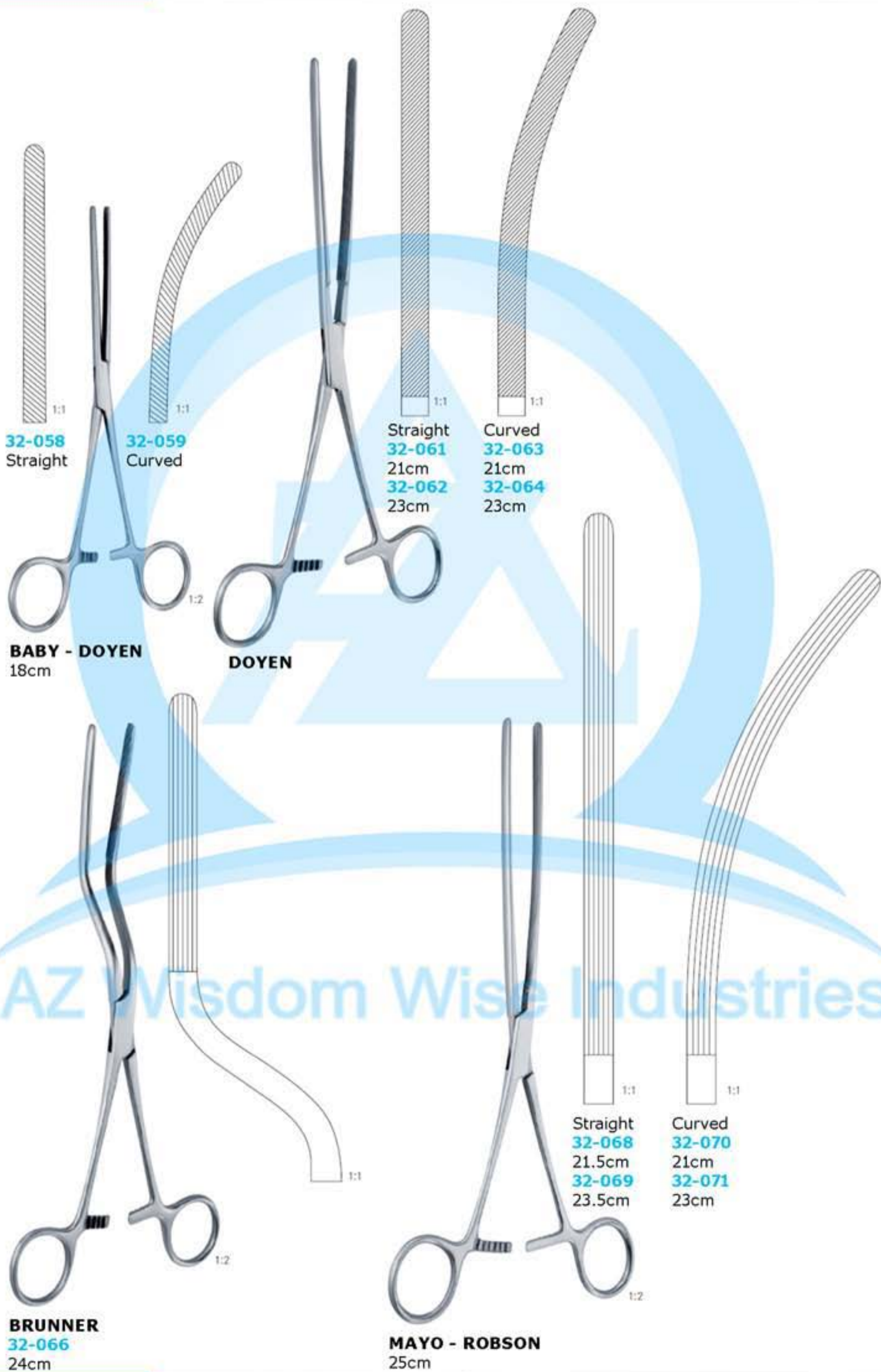


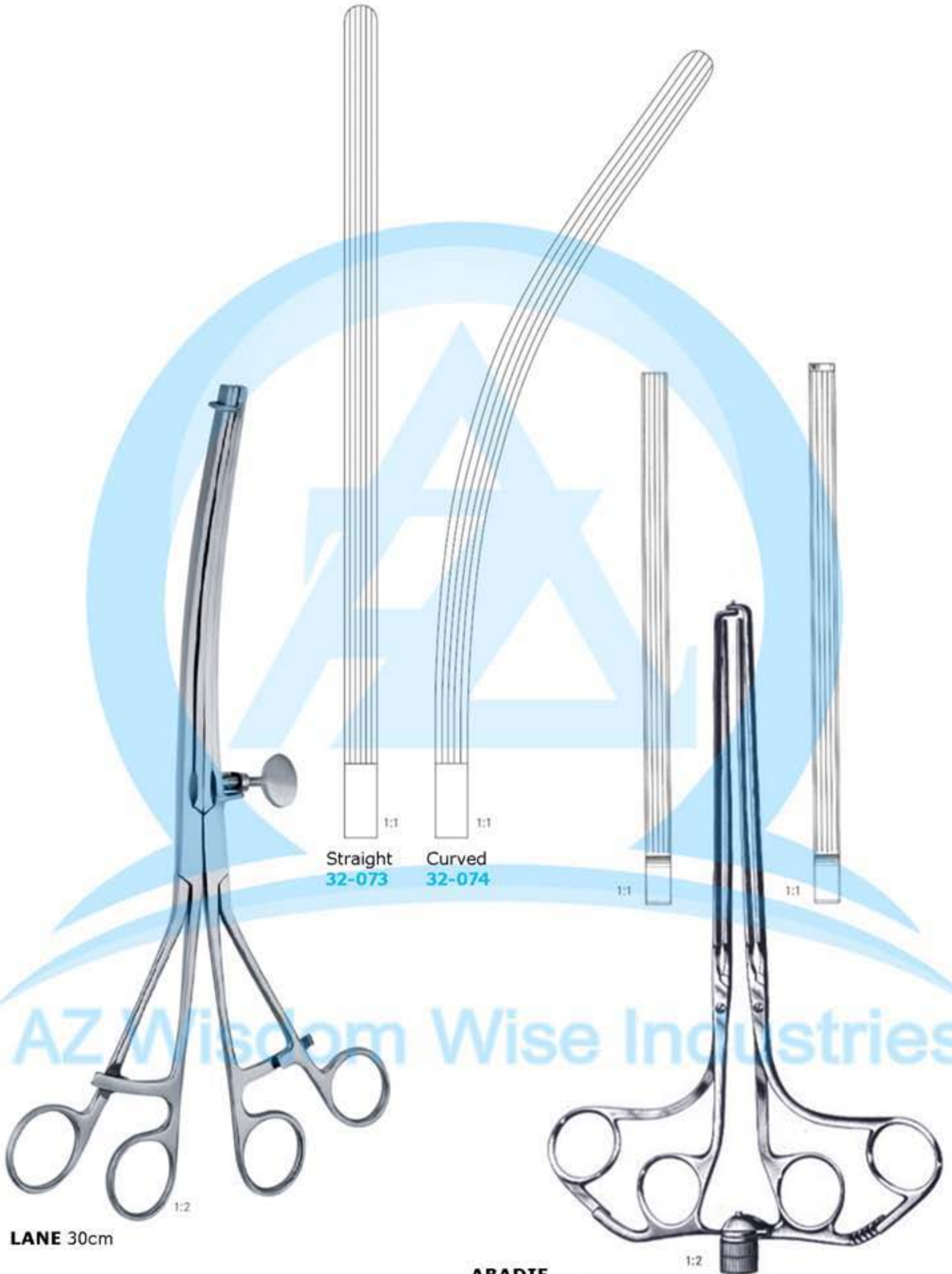
**32-055**  
Straight



**32-056**  
Curved







**LANE** 30cm

**ABADIE**  
 32-076 = 22cm = Intestinal Twin Clamp Forceps  
 32-077 = 27cm = Intestinal And Stomach Twin Clamp Forceps



Straight  
32-079



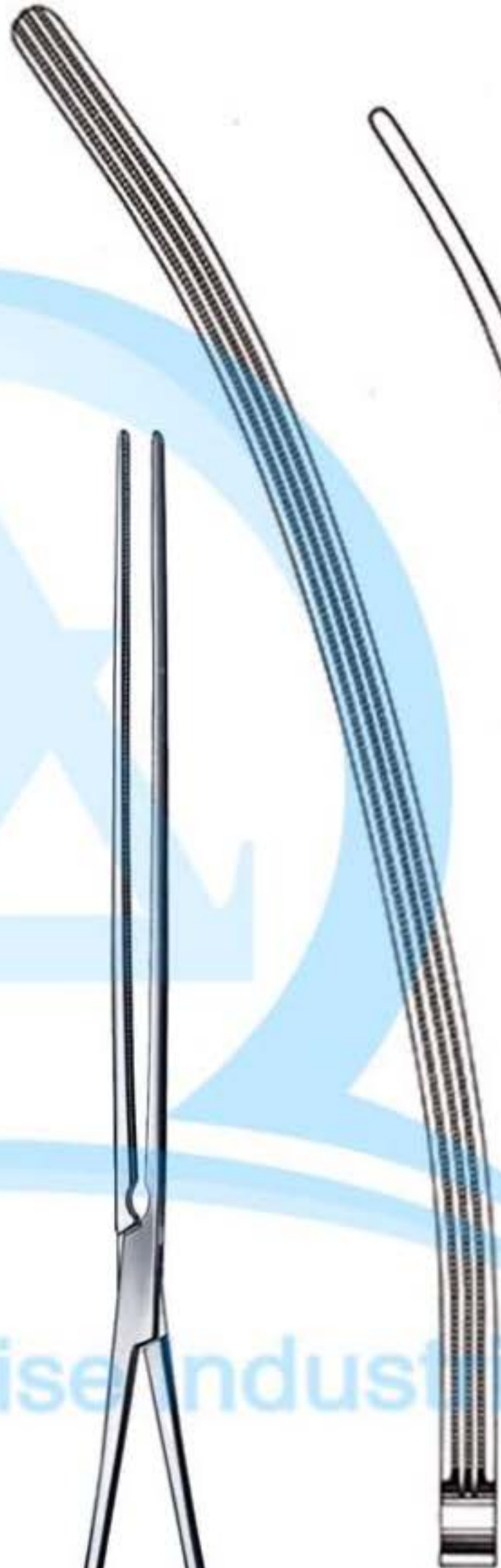
Curved  
32-080



**MOYNIHAN**  
29cm



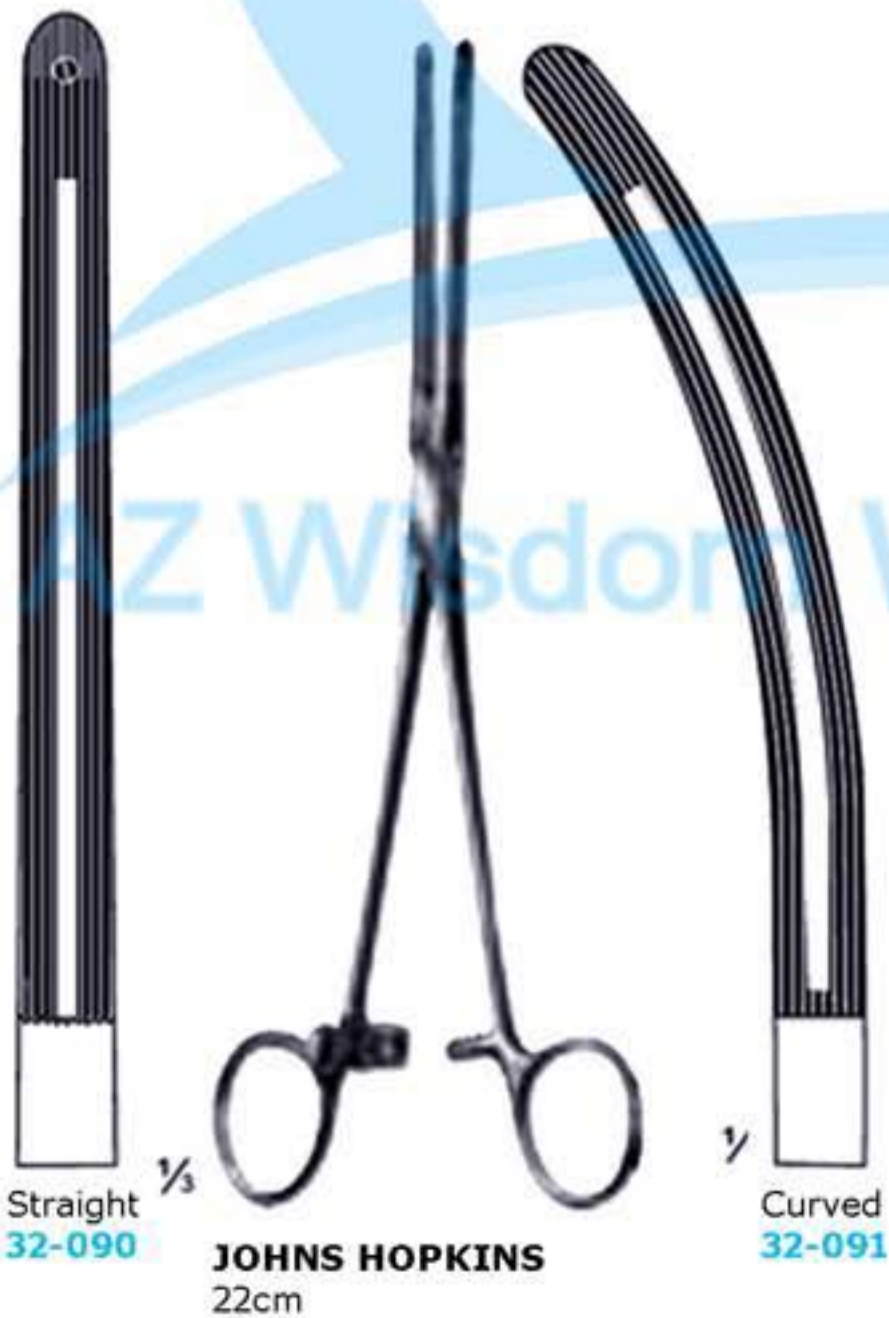
Straight  
32-082

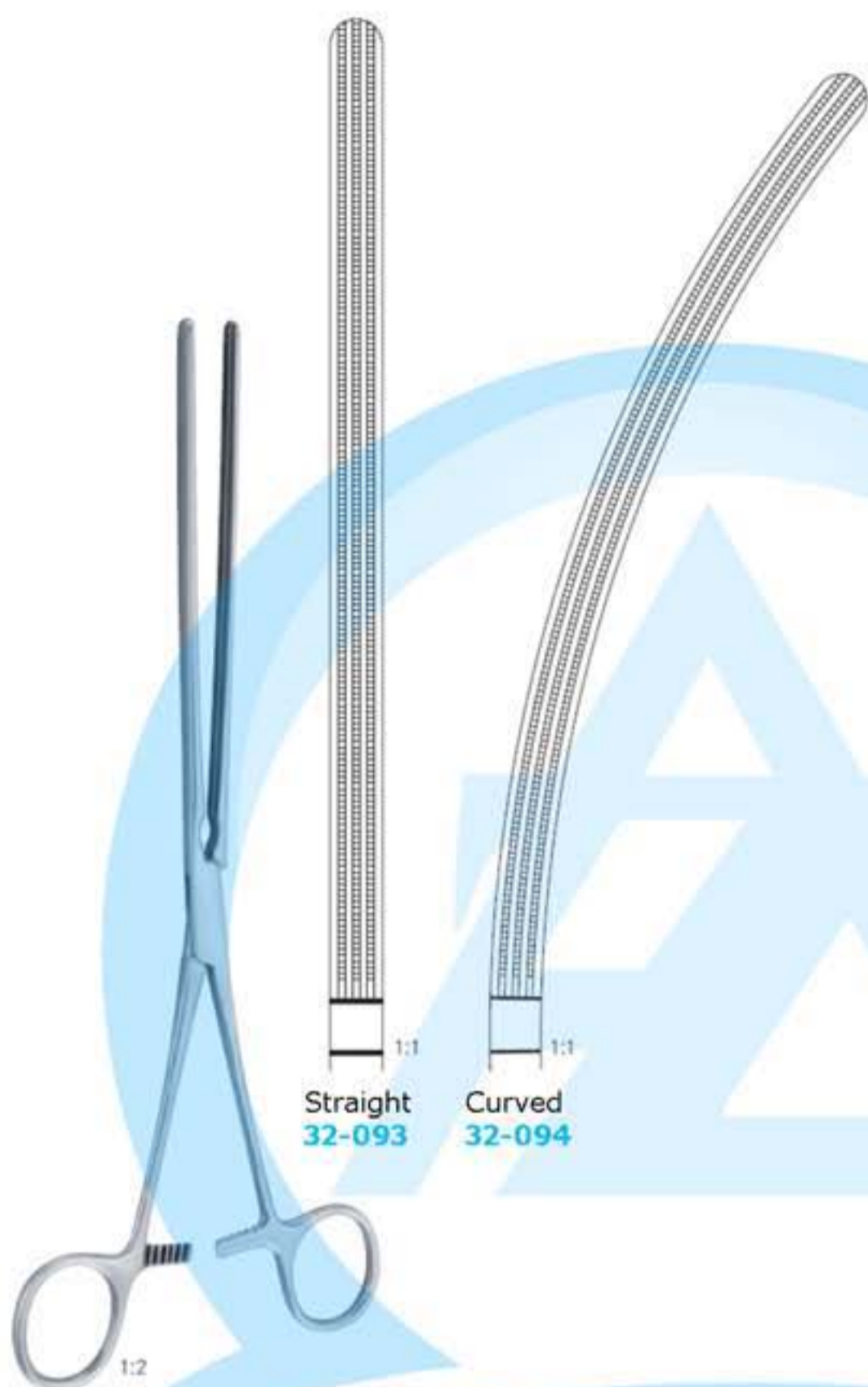


Curved  
32-083



**SCUDDER**  
33.5cm



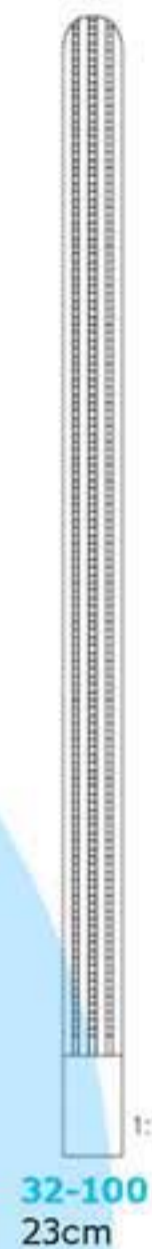
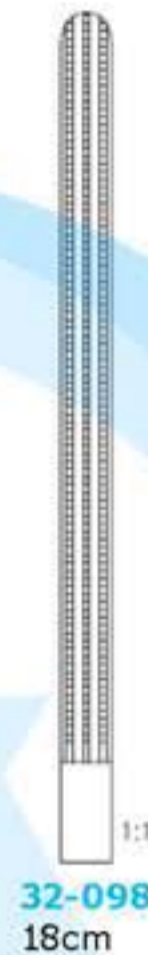


**MAYO - ROBSON**  
25cm

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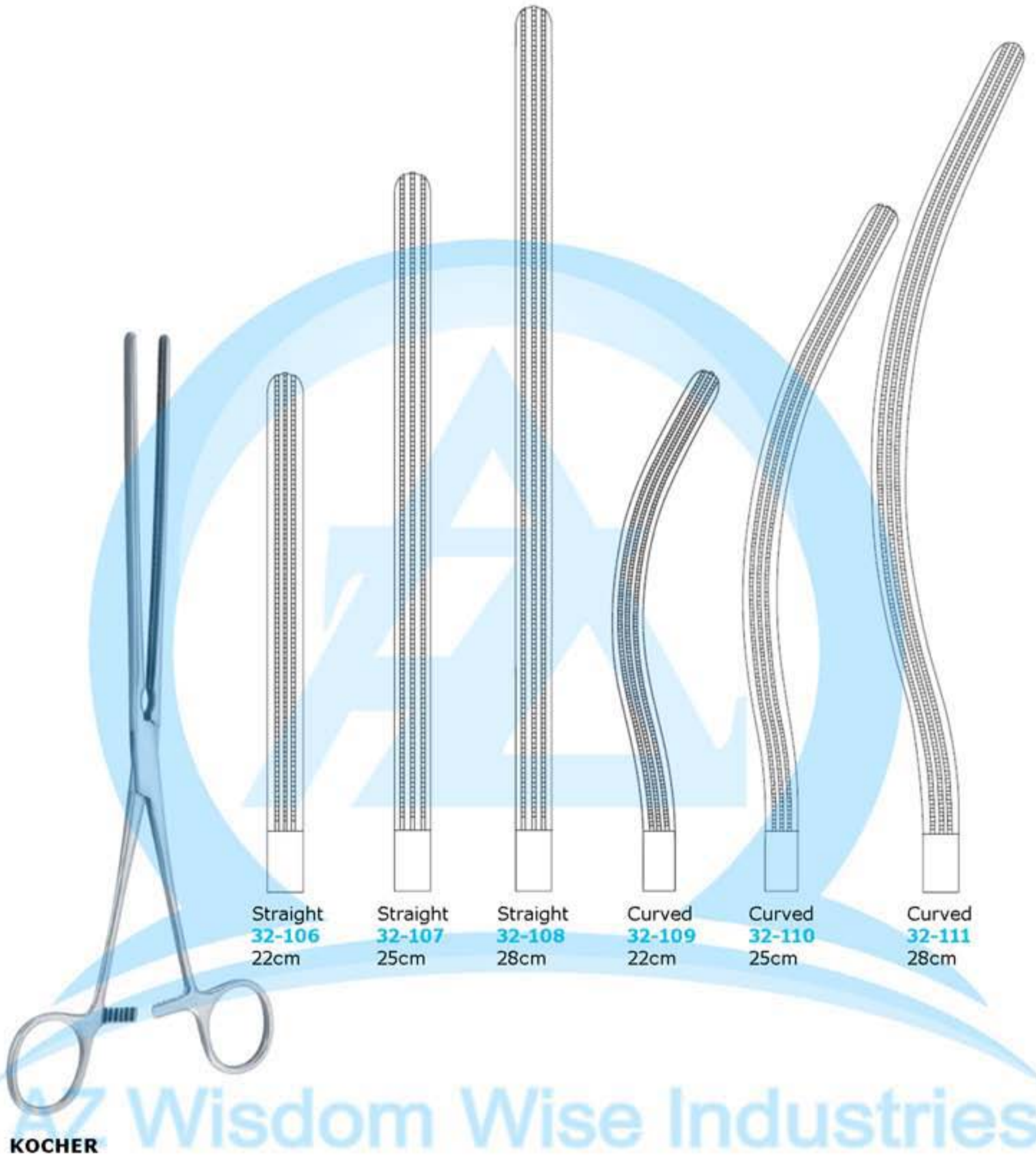


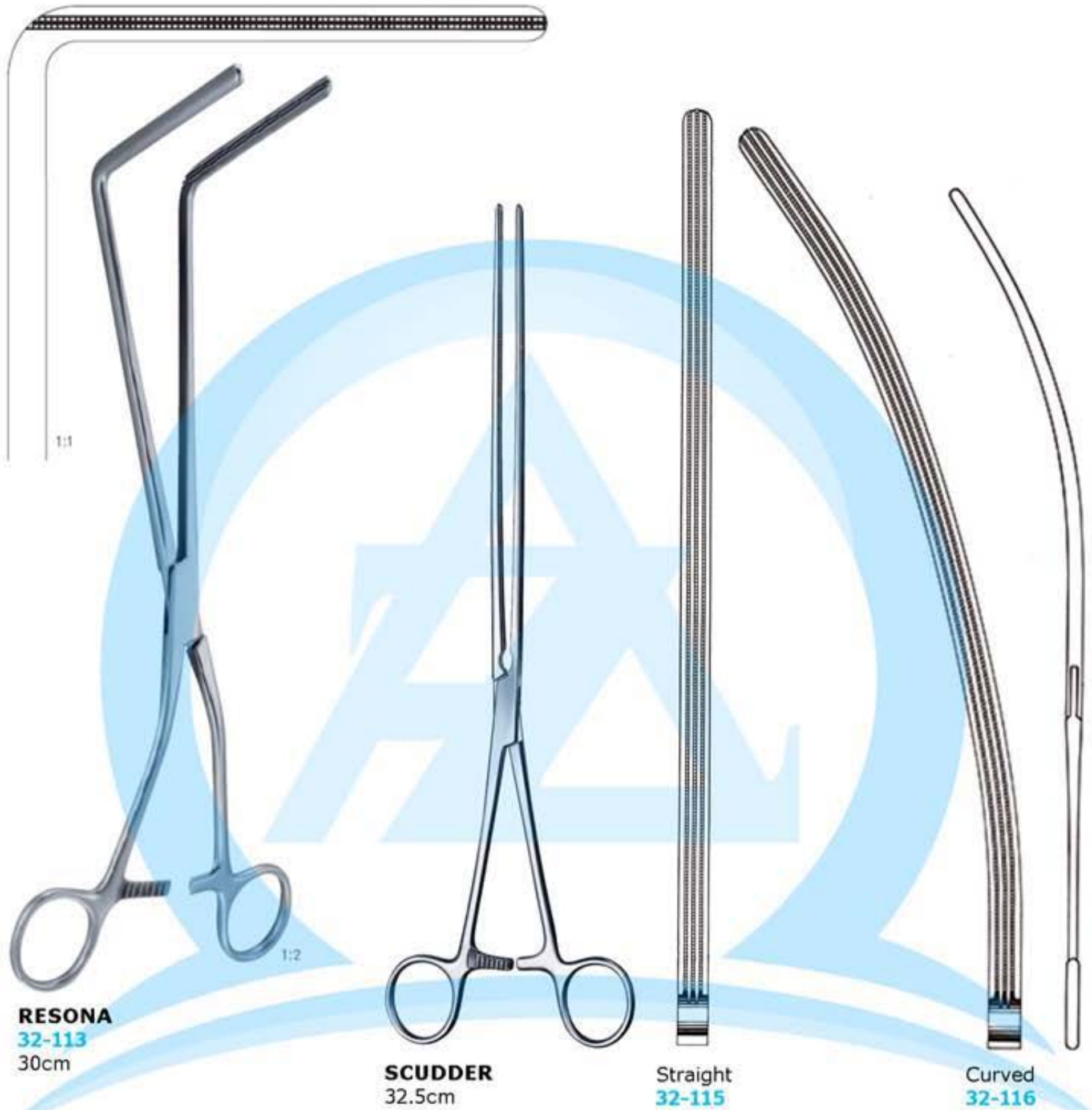
**DOYEN** Straight



**DOYEN** Curved

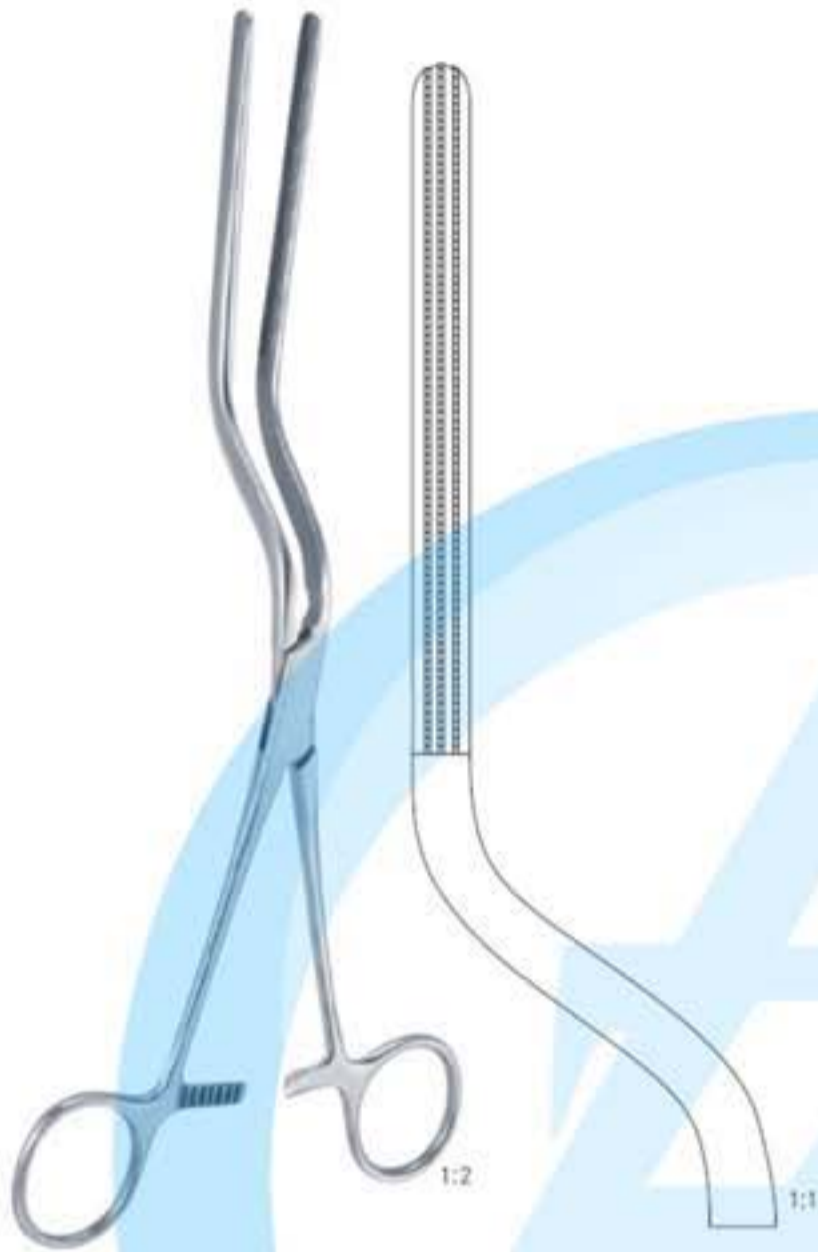






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**BRUNNER**  
32-118  
24cm



**FEHLAND**  
32-120  
24cm



**HAYES**





**VEIDENHEIMER**  
**32-126**  
25cm  
Atraumatic Rectum Forceps

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**BENSEN  
PYLORUS SPREADER**  
32-151  
15.5cm



**STONE - WATT**  
Intestinal  
Clamp  
32-153  
8.5cm  
32-154  
11.5cm



**LOCKING  
DEVICE**  
For  
Stone - Watt  
32-155



**STONE - WATT**  
Closing Forceps  
32-156  
16cm



**SIMS**  
 x = 80x15mm  
 By Sheet Light Weight  
**32-160**  
 15cm



**SIMS**  
 x = 80x15mm  
 By Sheet Light Weight  
**32-162**  
 15cm



**MATHIEU**  
 By Sheet Light Weight  
**32-164**  
 x = 90x15mm  
**32-165**  
 x = 100x16mm  
 3 - Prongs  
 19.5cm



**PRATT**  
 x = 80x25mm  
**32-167**  
 20.5cm



**CZERNY**  
 x = 110x25mm  
**32-169**  
 22cm



**IVES - FANSLER**  
 x = 90mm  
**32-171**  
 22mm Ø



**KELLY**  
 x = 50mm  
**32-173** = 21mm Ø  
**32-174** = 27mm Ø

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**BENSAUDE**

x = 55mm

32-176 = 20mm Ø

32-177 = 23mm Ø

18.5cm



**HIRSCHMANN**

32-178 = 16mm Ø = x = 60mm

32-179 = 19mm Ø = x = 70mm

32-180 = 22mm Ø = x = 90mm



**HIRSCHMANN**

32-182 = 16mm Ø

32-183 = 19mm Ø

32-184 = 24mm Ø

32-185 = 25mm Ø

F.O Light Carrier, Wolf

AZ Wisdom Wise Industries



**SMITH - BUIE**  
x = 75x23mm  
**32-187**  
11.5cm  
Max. Speed 115mm

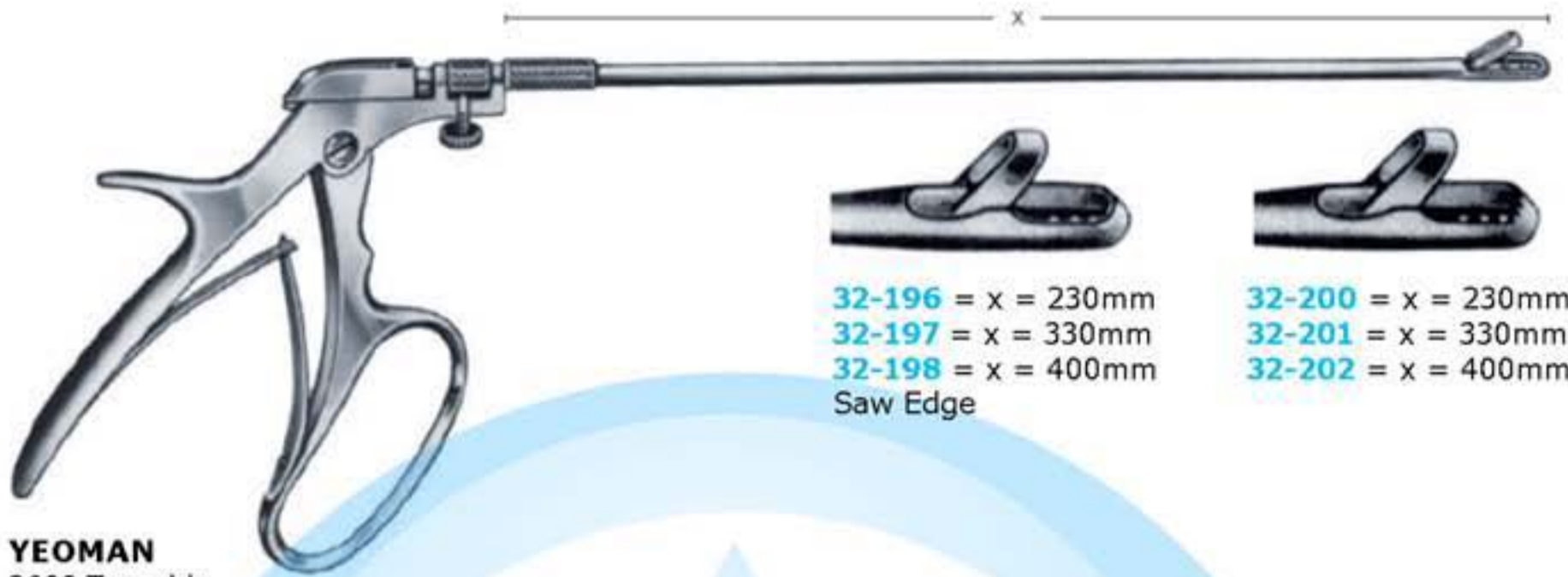


**ALAN PARKS**  
**32-189**  
14cm  
Complete Set With 2 Pairs Of Blades  
2 Lateral Blades = 22x72mm,  
2 Lateral Blades = 22x94mm  
And 1 Center Blade = 25x94mm  
**32-190**  
2 Blades = 22x72mm,  
**32-191**  
2 Lateral Blades = 22x94mm  
**32-192**  
1 Central Blade = 25x94mm



**ALAN PARKS**  
**32-194**  
14cm  
Complete Set With 2 Pairs Of Blades  
2 Lateral Blades = 22x72mm,  
2 Lateral Blades = 22x94mm  
And 1 Center Blade = 25x94mm  
With Cold Light Connector, Wolf





**YEOMAN**  
 360° Turnable  
 Straight

32-196 = x = 230mm  
 32-197 = x = 330mm  
 32-198 = x = 400mm  
 Saw Edge

32-200 = x = 230mm  
 32-201 = x = 330mm  
 32-202 = x = 400mm



**YEOMAN**  
 360° Turnable  
 32-204 = x = 230mm  
 32-205 = x = 330mm  
 32-206 = x = 400mm

360° Turnable  
 Rotatable, Rotative



**TURREL**  
 360° Turnable  
 Angled Downward

32-208 = x = 230mm  
 32-209 = x = 330mm  
 32-210 = x = 400mm  
 Saw Edge

32-212 = x = 230mm  
 32-213 = x = 330mm  
 32-214 = x = 400mm

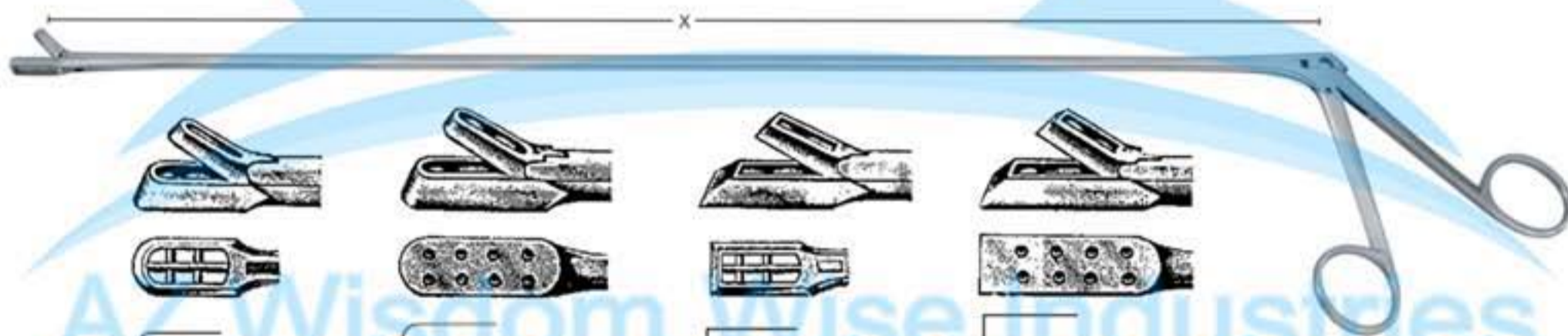


**TURREL**  
 360° Turnable  
 Angled Downward  
 32-216 = x = 230mm  
 32-217 = x = 330mm  
 32-218 = x = 400mm

360° Turnable  
 Rotatable, Rotative



**RECTAL BIOPSY FORCEPS  
 ATRAUMTIC**  
 Jaw Width 15mm  
**32-220**  
 35cm



**YEOMAN RECTUM  
 BIOPSY FORCEPS**

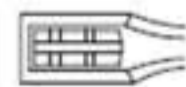
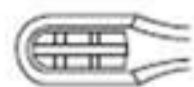
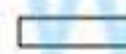
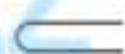


Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 1  
**32-222**  
 x = 280mm  
**32-223**  
 x = 350mm  
**32-224**  
 x = 420mm

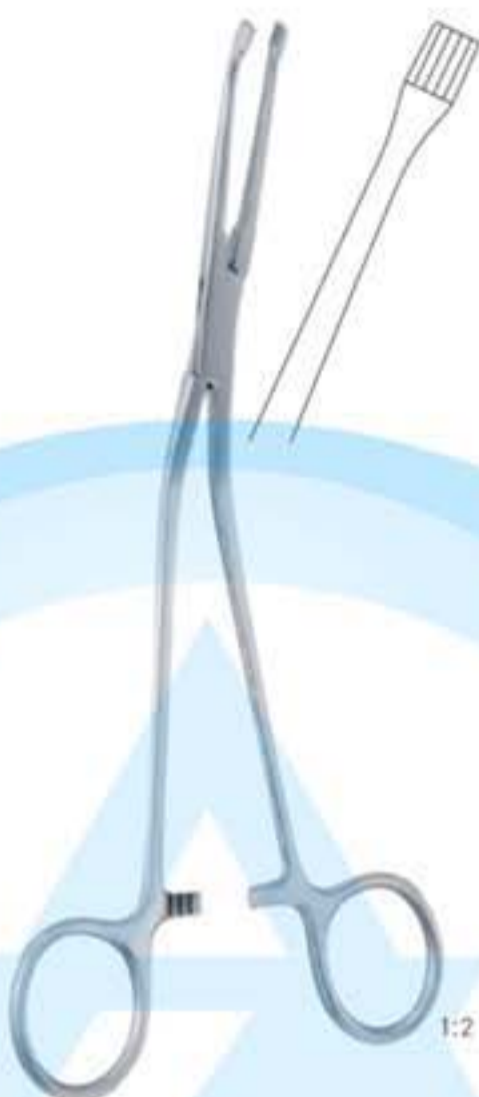
Fig. 2  
**32-225**  
 x = 280mm  
**32-226**  
 x = 350mm  
**32-227**  
 x = 420mm

Fig. 3  
**32-228**  
 x = 280mm  
**32-229**  
 x = 350mm  
**32-230**  
 x = 420mm

Fig. 4  
**32-231**  
 x = 280mm  
**32-232**  
 x = 350mm  
**32-233**  
 x = 420mm



**LUER**  
 32-235  
 24.5cm



**MC GIVNEY**  
 32-237  
 19cm  
 Single Curved



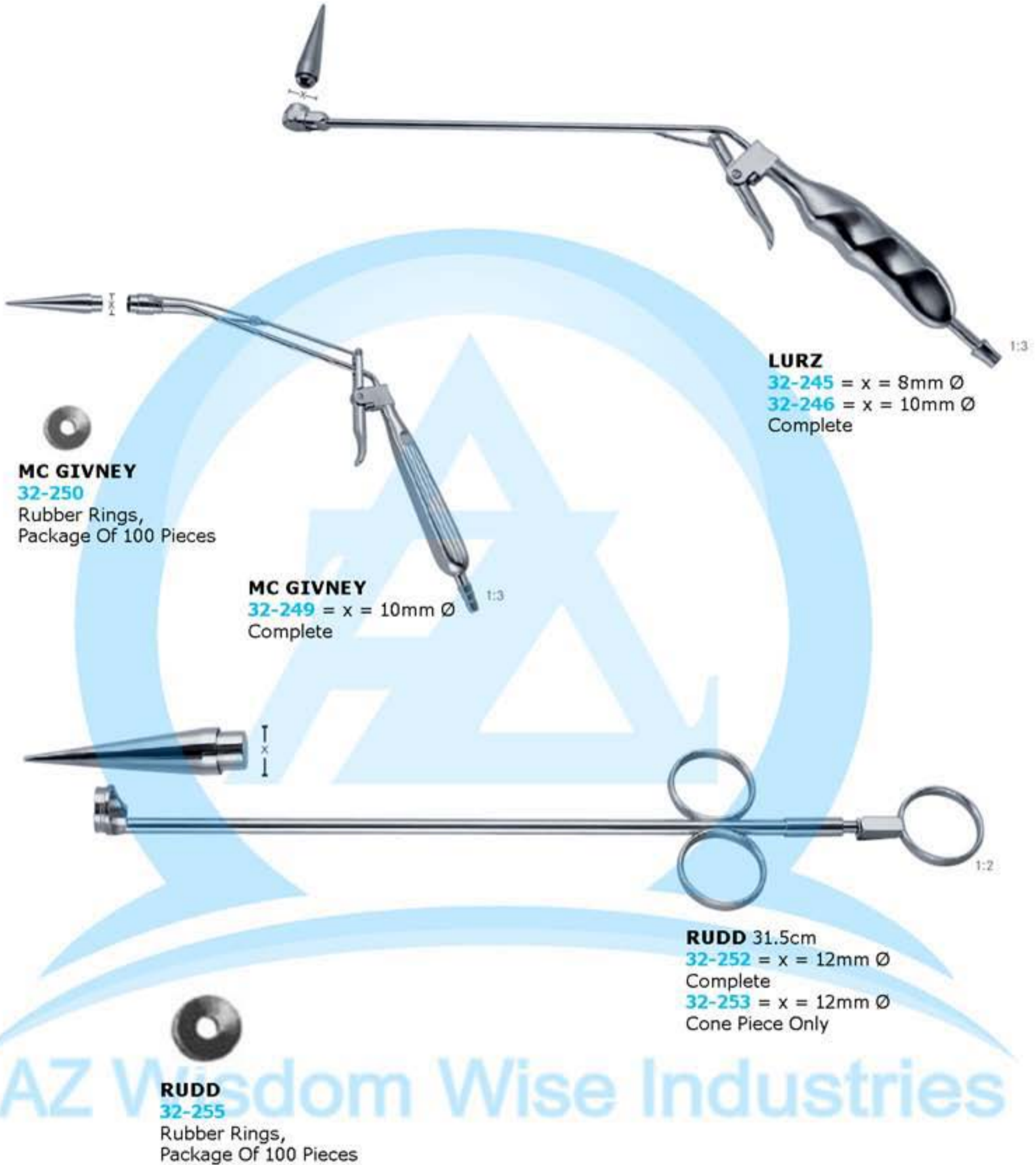
**MC GIVNEY**  
 32-239  
 19cm  
 Double Curved



**HEYWOOD - SMITH**  
 32-241  
 20cm



**HEYWOOD - SMITH**  
 32-243  
 21cm



**LURZ**  
32-245 = x = 8mm Ø  
32-246 = x = 10mm Ø  
Complete

**MC GIVNEY**  
32-250  
Rubber Rings,  
Package Of 100 Pieces

**MC GIVNEY**  
32-249 = x = 10mm Ø  
Complete

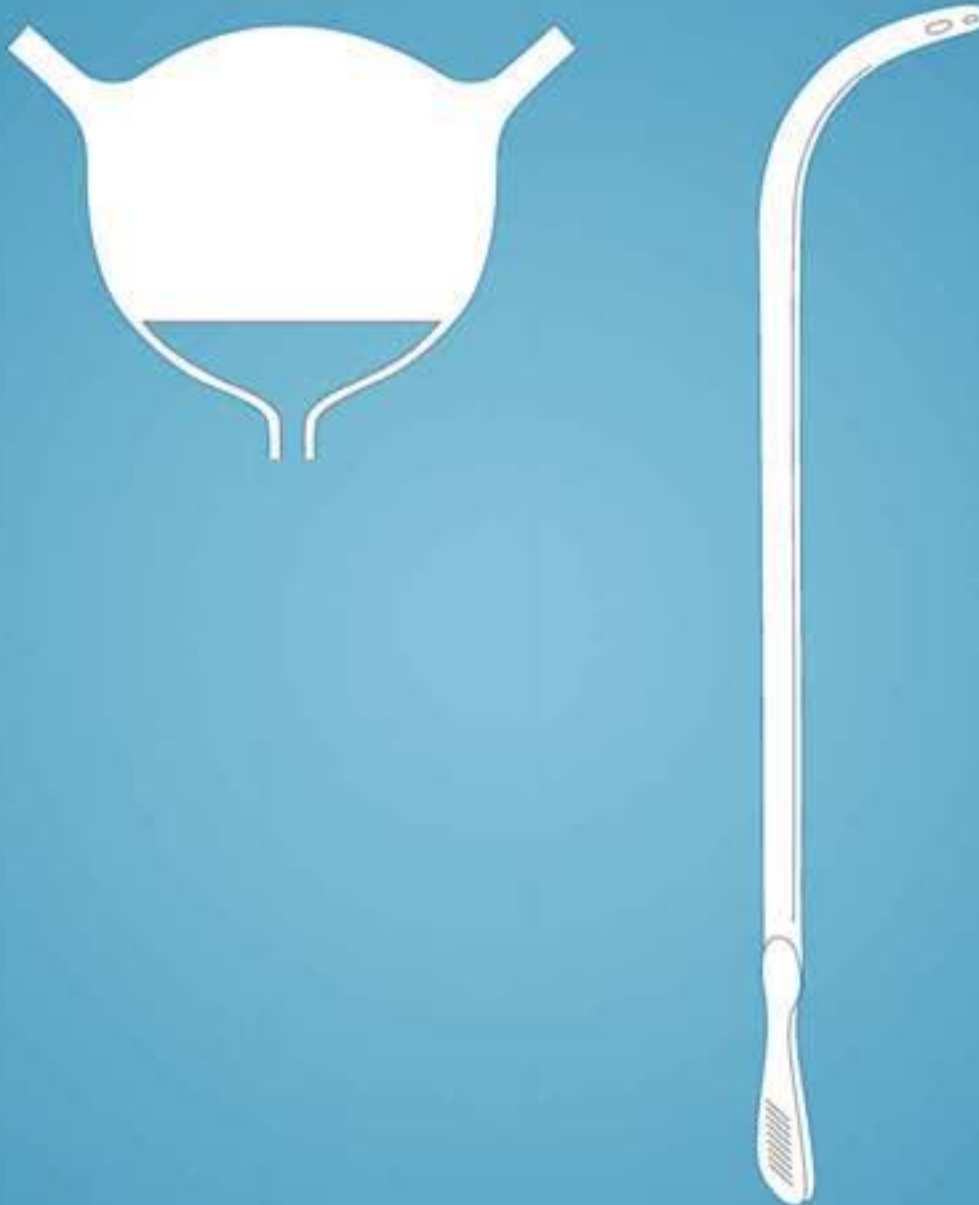
**RUDD** 31.5cm  
32-252 = x = 12mm Ø  
Complete  
32-253 = x = 12mm Ø  
Cone Piece Only

**RUDD**  
32-255  
Rubber Rings,  
Package Of 100 Pieces

Urologie  
Urology  
Urologie  
Urología  
Urologia

**33**

**404 - 413**



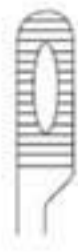


Fig. 1  
33-001  
23cm

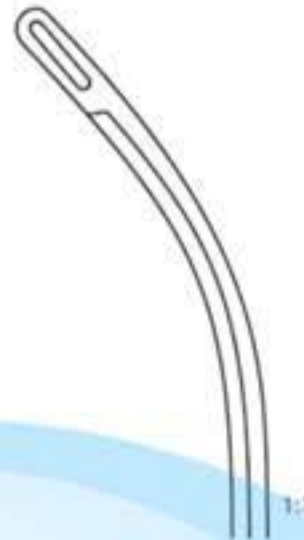


Fig. 2  
33-002  
22cm



Fig. 3  
33-003  
19cm



**RANDALL**

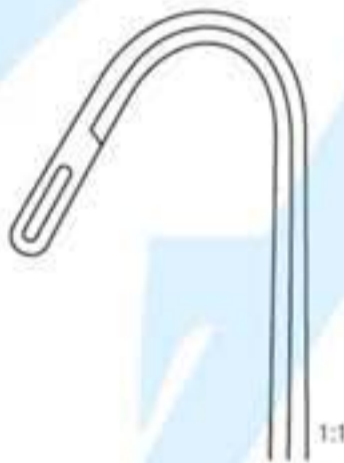


Fig. 4  
33-004  
19cm



Fig. 5  
33-005  
19cm



Fig. 6  
33-006  
19cm



**HEIMING** 16cm  
For Children

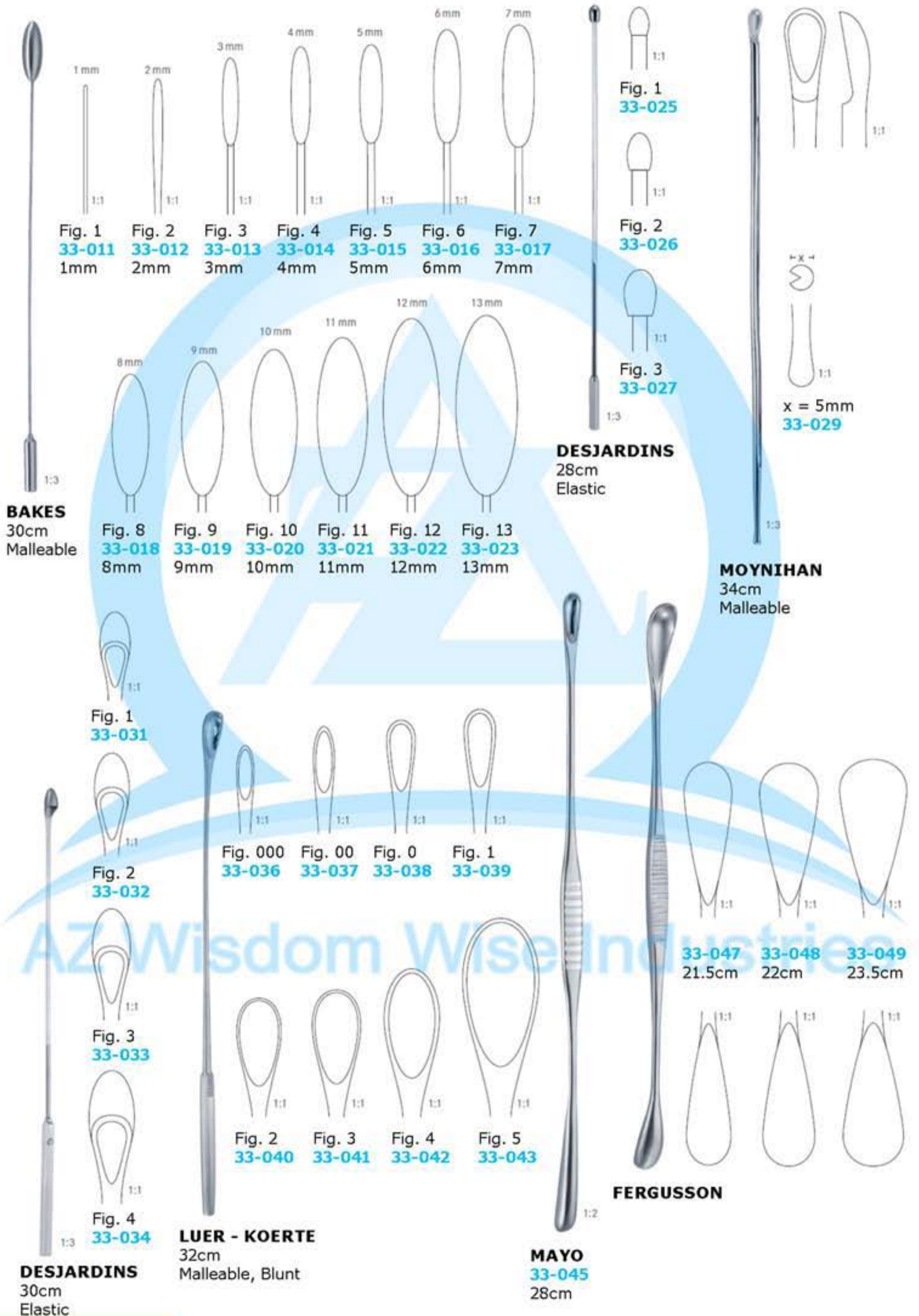


Fig. 1  
33-008  
Curved



Fig. 2  
33-009  
Curved

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**MILLIN**  
**33-067**  
24cm  
Ligator Carrying Forceps



**YOUNG**  
**33-069**  
20.5cm  
Prostate Holding Forceps



**MIXTER**  
**33-071**  
22cm



**MAYO - BLAKE**  
**33-073**  
21cm  
Straight



**MAYO - BLAKE**  
**33-075**  
21cm  
Curved



**DESJARDINS**  
**33-077**  
22.5cm  
Curved

AZ Wisdom Wise Industries



**YOUNG**  
**33-079**  
21cm



**YOUNG**  
**33-081**  
22cm



**YOUNG**  
**33-083**  
21cm



**YOUNG**  
**33-085**  
22cm

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**THOMSON - WALKER**

**33-087**

Complete With 2 Pairs Of Lateral Blades  
1 Central Blade



**MILLIN**

**33-089**

Complete

**33-091**

2 Blades = 57x25mm

**33-092**

2 Blades = 80x25mm

**33-093**

1 Central Blade = 120x45mm

**33-090**

Spreader Only



**LEGUEU**

**33-095**



**JUDD - MASSON**

**33-097**



**LEGUEU**

**33-099**

x = 35mm

27cm



**KOCHER**

**33-101**

x = 67mm

26cm



**MILLIN**

**33-103**

28.5cm



- DITTEL 22cm Straight**
- 33-105 = 8Fr. = 2.6mm Ø
  - 33-106 = 9Fr. = 3mm Ø
  - 33-107 = 10Fr. = 3.3mm Ø
  - 33-108 = 11Fr. = 3.6mm Ø
  - 33-109 = 12Fr. = 4mm Ø
  - 33-110 = 13Fr. = 4.3mm Ø
  - 33-111 = 14Fr. = 4.6mm Ø
  - 33-112 = 15Fr. = 5mm Ø
  - 33-113 = 16Fr. = 5.3mm Ø
  - 33-114 = 17Fr. = 5.6mm Ø
  - 33-115 = 18Fr. = 6mm Ø
  - 33-116 = 19Fr. = 6.3mm Ø
  - 33-117 = 20Fr. = 6.6mm Ø
  - 33-118 = 21Fr. = 7mm Ø
  - 33-119 = 22Fr. = 7.3mm Ø
  - 33-120 = 23Fr. = 7.6mm Ø
  - 33-121 = 24Fr. = 8mm Ø
  - 33-122 = 25Fr. = 8.3mm Ø
  - 33-123 = 26Fr. = 8.6mm Ø
  - 33-124 = 27Fr. = 9mm Ø
  - 33-125 = 28Fr. = 9.3mm Ø
  - 33-126 = 29Fr. = 9.6mm Ø
  - 33-127 = 30Fr. = 10mm Ø
  - 33-128 = 32Fr. = 10.6mm Ø
  - 33-129 = 33Fr. = 11mm Ø
  - 33-130 = 34Fr. = 11.3mm Ø
  - 33-131 = 36Fr. = 12mm Ø



- DITTEL 35cm Curved**
- 33-133 = 8Fr. = 2.6mm Ø
  - 33-134 = 9Fr. = 3mm Ø
  - 33-135 = 10Fr. = 3.3mm Ø
  - 33-136 = 11Fr. = 3.6mm Ø
  - 33-137 = 12Fr. = 4mm Ø
  - 33-138 = 13Fr. = 4.3mm Ø
  - 33-139 = 14Fr. = 4.6mm Ø
  - 33-140 = 15Fr. = 5mm Ø
  - 33-141 = 16Fr. = 5.3mm Ø
  - 33-142 = 17Fr. = 5.6mm Ø
  - 33-143 = 18Fr. = 6mm Ø
  - 33-144 = 19Fr. = 6.3mm Ø
  - 33-145 = 20Fr. = 6.6mm Ø
  - 33-146 = 21Fr. = 7mm Ø
  - 33-147 = 22Fr. = 7.3mm Ø
  - 33-148 = 23Fr. = 7.6mm Ø
  - 33-149 = 24Fr. = 8mm Ø
  - 33-150 = 25Fr. = 8.3mm Ø
  - 33-151 = 26Fr. = 8.6mm Ø
  - 33-152 = 27Fr. = 9mm Ø
  - 33-153 = 28Fr. = 9.3mm Ø
  - 33-154 = 29Fr. = 9.6mm Ø
  - 33-155 = 30Fr. = 10mm Ø
  - 33-156 = 32Fr. = 10.6mm Ø
  - 33-157 = 33Fr. = 11mm Ø
  - 33-158 = 34Fr. = 11.3mm Ø
  - 33-159 = 36Fr. = 12mm Ø

**VAN BUREN**  
33-161  
Set  
8Fr. To 36Fr.

- VAN BUREN**
- 33-163 = 8Fr. = 2.6mm Ø
  - 33-164 = 10Fr. = 3.3mm Ø
  - 33-165 = 12Fr. = 4mm Ø
  - 33-166 = 14Fr. = 4.6mm Ø
  - 33-167 = 16Fr. = 5.3mm Ø
  - 33-168 = 18Fr. = 6mm Ø
  - 33-169 = 20Fr. = 6.6mm Ø
  - 33-170 = 22Fr. = 7.3mm Ø
  - 33-171 = 24Fr. = 8mm Ø
  - 33-172 = 26Fr. = 8.6mm Ø
  - 33-173 = 28Fr. = 9.3mm Ø
  - 33-174 = 30Fr. = 10mm Ø
  - 33-175 = 32Fr. = 10.6mm Ø
  - 33-176 = 34Fr. = 11.3mm Ø
  - 33-177 = 36Fr. = 12mm Ø



**GUYON**  
33-179  
Set  
10Fr. To 30Fr.  
Without  
Inner Thread

- GUYON**
- 33-181 = 10Fr. = 3.3mm Ø
  - 33-182 = 11Fr. = 3.6mm Ø
  - 33-183 = 12Fr. = 4mm Ø
  - 33-184 = 13Fr. = 4.3mm Ø
  - 33-185 = 14Fr. = 4.6mm Ø
  - 33-186 = 15Fr. = 5mm Ø
  - 33-187 = 16Fr. = 5.3mm Ø
  - 33-188 = 17Fr. = 5.6mm Ø
  - 33-189 = 18Fr. = 6mm Ø
  - 33-190 = 19Fr. = 6.3mm Ø
  - 33-191 = 20Fr. = 6.6mm Ø
  - 33-192 = 21Fr. = 7mm Ø
  - 33-193 = 22Fr. = 7.3mm Ø
  - 33-194 = 23Fr. = 7.6mm Ø
  - 33-195 = 24Fr. = 8mm Ø
  - 33-196 = 25Fr. = 8.3mm Ø
  - 33-197 = 26Fr. = 8.6mm Ø
  - 33-198 = 27Fr. = 9mm Ø
  - 33-199 = 28Fr. = 9.3mm Ø
  - 33-200 = 29Fr. = 9.6mm Ø
  - 33-201 = 30Fr. = 10mm Ø



- GUYON**  
Metal Catheters For Women
- 33-203 = 6Fr. = 2mm Ø
  - 33-204 = 7Fr. = 2.3mm Ø
  - 33-205 = 8Fr. = 2.6mm Ø
  - 33-206 = 9Fr. = 3mm Ø
  - 33-207 = 10Fr. = 3.3mm Ø
  - 33-208 = 11Fr. = 3.6mm Ø
  - 33-209 = 12Fr. = 4mm Ø
  - 33-210 = 13Fr. = 4.3mm Ø
  - 33-211 = 14Fr. = 4.6mm Ø
  - 33-212 = 15Fr. = 5mm Ø
  - 33-212 = 16Fr. = 5.3mm Ø
  - 33-214 = 17Fr. = 5.6mm Ø
  - 33-215 = 18Fr. = 6mm Ø
  - 33-216 = 19Fr. = 6.3mm Ø
  - 33-217 = 20Fr. = 6.6mm Ø
  - 33-218 = 21Fr. = 7mm Ø
  - 33-219 = 22Fr. = 7.3mm Ø
  - 33-220 = 23Fr. = 7.6mm Ø
  - 33-221 = 24Fr. = 8mm Ø



**SPERMATIC CORD**  
Fixation Clamp  
33-230  
14.5cm

**SPERMATIC CORD**  
Hook  
33-232  
16cm

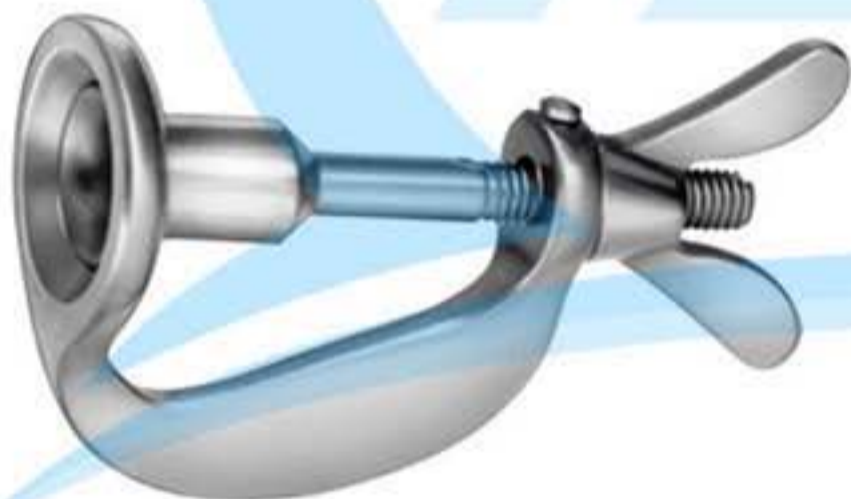


**GUYON**  
33-234  
39cm  
Mandin For Rubber Catheters

**GUYON**  
33-236  
35cm  
Mandin For Rubber Catheters



**MOGEN**  
Circumcision Clamp  
33-238 = 7cm = 3mm Operating  
33-239 = 7cm = 6mm Operating  
33-240 = 10cm = 3mm Operating  
33-241 = 10cm = 6mm Operating



**WINKELMANN**  
Circumcision Clamp  
33-243 = 12mm Ø  
33-244 = 16mm Ø  
33-245 = 20mm Ø



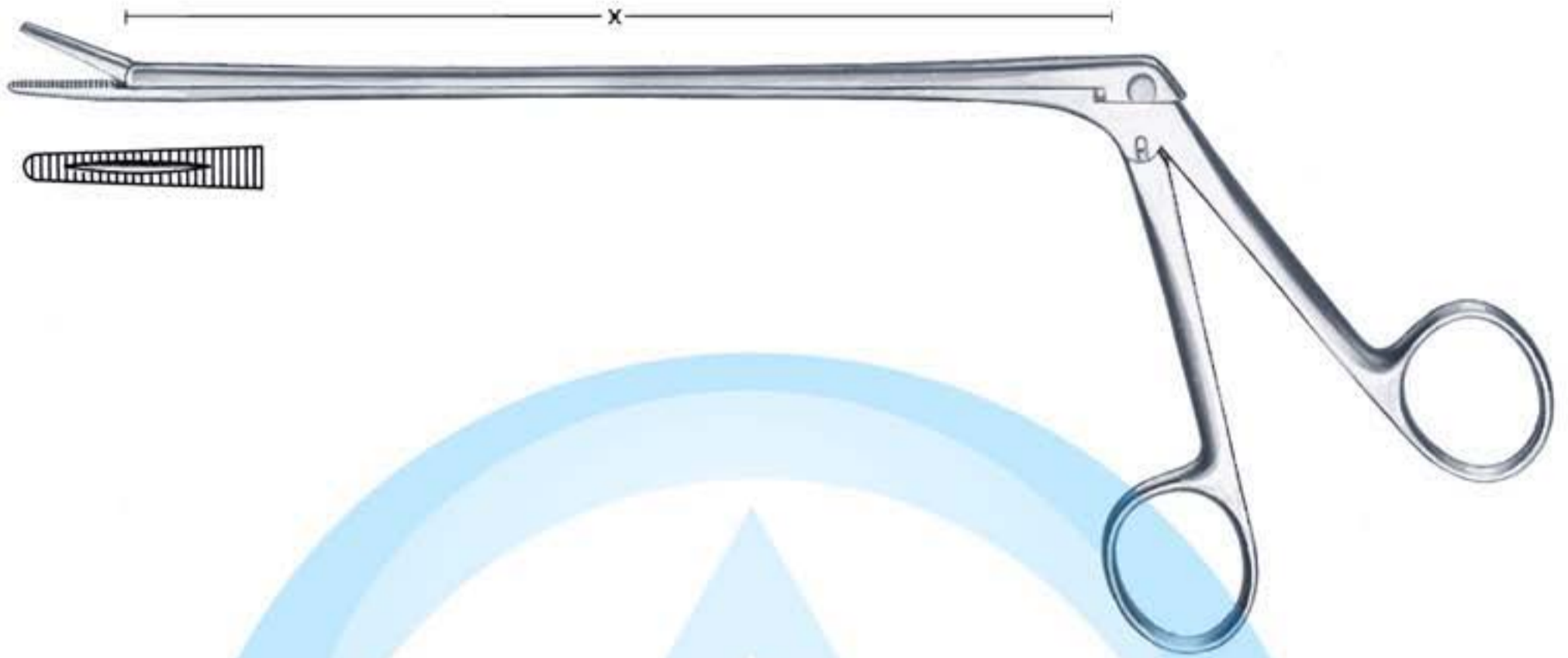
**CIRCUMCISION CLAMP**  
33-247 = 11mm Ø      33-252 = 26mm Ø  
33-248 = 13mm Ø      33-253 = 29mm Ø  
33-249 = 14mm Ø      33-254 = 32mm Ø  
33-250 = 15mm Ø      33-255 = 35mm Ø  
33-251 = 21mm Ø



**STOCKMANN**  
Penis Clamp  
33-257  
8cm



**STRAUSS**  
Penis Clamp  
With Rubber Jaw  
33-259  
11cm



**MATHIEU**

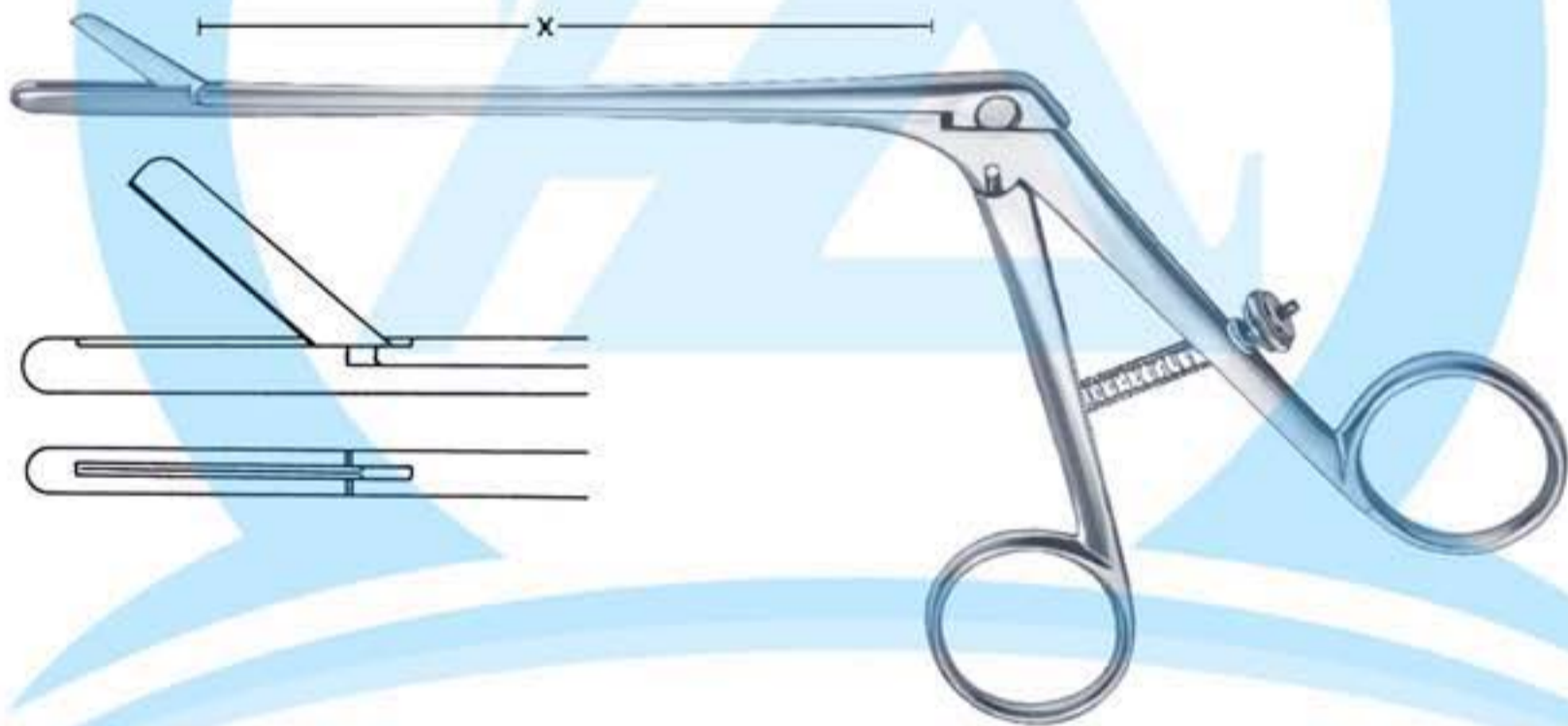
Foreign Body Forceps

33-261

x = Shaft Length = 20cm

33-262

x = Shaft Length = 30cm



**SACHSE**

Meatotome

33-264

x = Shaft Length = 12cm

Graduated In cm

Gynäkologie  
Gynaecology  
Gynécologie  
Ginecología  
Ginegologia

**34**  
414 - 443





**CUSCO**

Side Screw

- 34-001 = 75x32mm = Small
- 34-002 = 35x35mm = Medium
- 34-003 = 100x37mm = Large
- 34-004 = 75x17mm = For Virgins



**CUSCO**

Center Screw

- 34-006 = 75x32mm = Small
- 34-007 = 85x35mm = Medium
- 34-008 = 100x37mm = Large



**GRAVE**

- 34-010 = 75x20mm = Small
- 34-011 = 100x35mm = Medium
- 34-012 = 115x35mm = Large



**CUSCO**

Swiss Pattern Side Screw

- 34-014 = 80x22mm = Small
- 34-015 = 100x25mm = Medium
- 34-016 = 105x27mm = Large



**COLLIN**

- 34-018 = 85x30mm = Small
- 34-019 = 100x35mm = Medium
- 34-020 = 110x40mm = Large



**SEMM**

- 34-022 = 90x14/18mm = Small
- 34-023 = 100x17/20mm = Medium
- 34-024 = 100x25/30mm = Large





**TRELAT**

34-026 = 85x30mm = Small  
34-027 = 95x35mm = Medium  
34-028 = 115x43mm = Large



**PEDERSON**

34-030 = 75x13mm = Small  
34-031 = 100x22mm = Medium  
34-032 = 120x25mm = Large



**GUTTMANN**

34-034 = 90x35mm

AZ Wisdom Wise Industries



**KRISTELLER**

Fig. 1

Speculum

- 34-036 = 70x27mm
- 34-037 = 80x30mm
- 34-038 = 90x36mm
- 34-039 = 110x27mm
- 34-040 = 110x30mm
- 34-041 = 110x36mm



**KRISTELLER**

Fig. 2

Retractor

- 34-043 = 75x23mm
- 34-044 = 85x26mm
- 34-045 = 100x32mm
- 34-046 = 115x23mm
- 34-047 = 115x26mm
- 34-048 = 115x32mm



**KRISTELLER**

Fig. 1 + Fig. 2

Speculum + Retractor

- 34-050 = Set
- 34-051 = Set
- 34-052 = Set
- 34-053 = Set
- 34-054 = Set
- 34-055 = Set



**KRISTELLER**

Fig. 1

Speculum

Tapered, For Virgins

- 34-057 = 105x18mm
- 34-058 = 105x21mm



**KRISTELLER**

Fig. 2

Retractor

- 34-060 = 110x14mm
- 34-061 = 115x17mm



**KRISTELLER**

Fig. 1 + Fig. 2

Speculum + Retractor

- 34-063 = Set
- 34-064 = Set

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## Flat



### KRISTELLER

Fig. 1

Speculum

34-066 = 105x26mm

34-067 = 105x28mm

34-068 = 105x33mm

### KRISTELLER

Fig. 2

Retractor

34-070 = 115x22mm

34-071 = 115x24mm

34-072 = 115x29mm

### KRISTELLER

Fig. 1 + Fig. 2

Speculum + Retractor

34-074 = Set

34-075 = Set

34-076 = Set

## DEEP



### KRISTELLER

Fig. 1

Speculum

34-078 = 110x28mm

34-079 = 110x30mm

34-080 = 110x36mm

### KRISTELLER

Fig. 2

Retractor

34-082 = 115x23mm

34-083 = 115x26mm

34-084 = 115x32mm

### KRISTELLER

Fig. 1 + Fig. 2

Speculum + Retractor

34-086 = Set

34-087 = Set

34-088 = Set



**JACKSON**

- 34-090 = 75x35mm
- 34-091 = 75x40mm
- 34-092 = 90x35mm
- 34-093 = 90x40mm
- 34-094 = 100x35mm
- 34-095 = 100x40mm

**AUVARD**

- 34-097 = 80x28mm  
22cm

**SIMS**

- 34-099 = 60x25mm/30mm = Fig. 1
- 34-100 = 70x30mm/35mm = Fig. 2
- 34-101 = 80x35mm/40mm = Fig. 3

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**KALLMORGEN**

Fig. 1

Speculum

34-103 = 70x40mm

34-104 = 90x40mm



**KALLMORGEN**

Fig. 2

Retarctor

34-106 = 70x33mm

34-107 = 90x33mm



**KALLMORGEN**

Fig. 1 + Fig. 2

Speculum + Retarctor

34-109 = Set

34-110 = Set



**LANDAU** 29cm

34-112 = 100x28mm

34-113 = 110x38mm



**BREISKY** 30cm

Vienna Pattern

34-115 = 130x20mm

34-116 = 130x25mm

34-117 = 130x30mm

34-118 = 130x35mm

34-119 = 130x40mm



**BREISKY** 30cm

Vienna Pattern

34-121 = 100x20mm

34-122 = 100x25mm

34-123 = 100x30mm

34-124 = 100x35mm

34-125 = 100x40mm



**BREISKY** 35cm

Vienna Pattern

34-127 = 160x40mm

34-128 = 180x40mm

AZ Wisdom Wise Industries



**DOYEN**

24cm  
Slightly Concave

Fig. 1 = Small

**34-130** = 55x35mm  
**34-131** = 75x35mm  
**34-132** = 115x35mm

Fig. 2 = Medium

**34-133** = 55x45mm  
**34-134** = 75x45mm  
**34-135** = 115x45mm  
**34-136** = 160x45mm

Fig. 3 = Large

**34-137** = 55x60mm  
**34-138** = 75x60mm  
**34-139** = 115x60mm  
**34-140** = 160x60mm



**DOYEN**

24cm  
Medium Concave

Fig. 1 = Small

**34-142** = 55x35mm  
**34-143** = 75x35mm  
**34-144** = 115x35mm

Fig. 2 = Medium

**34-145** = 55x45mm  
**34-146** = 75x45mm  
**34-147** = 115x45mm

Fig. 3 = Large

**34-148** = 55x60mm  
**34-149** = 75x60mm  
**34-150** = 115x60mm



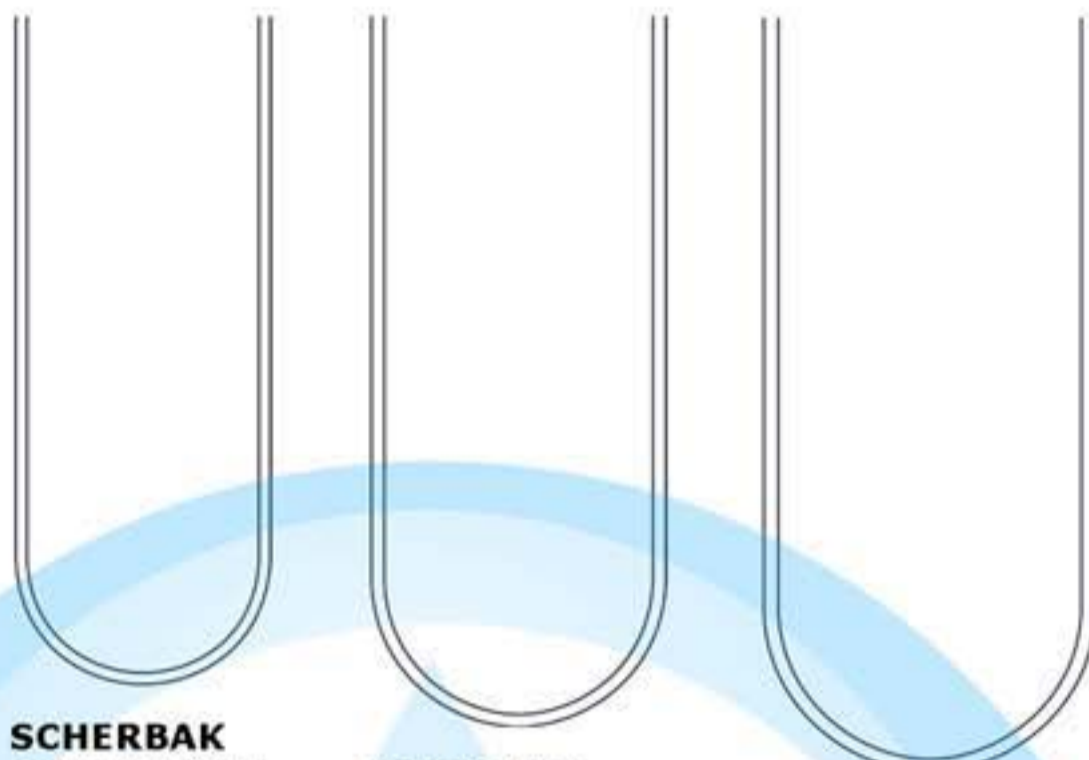
**DOYEN**

25cm  
**34-152** = 70x30mm

AZ Wisdom Wise Industries



**SCHERBAK**  
Specula Blade, Only



**SCHERBAK**  
Retractor Blade  
**34-154**  
80x30mm

**SCHERBAK**  
Retractor Blade  
**34-156**  
80x35mm

**SCHERBAK**  
Retractor Blade  
**34-158**  
90x40mm



**SCHERBAK**  
Specula Blade, Only



**SCHERBAK**  
Retractor Blade  
**34-162**  
58x40mm/60mm

**SCHERBAK**  
Retractor Blade  
**34-164**  
70x45mm/70mm



**SCHERBAK**  
Weight Only  
For Vaginal Speculum  
**34-166**  
400g, 10.5cm



**SCHERBAK**  
Weight Only  
For Vaginal Speculum  
**34-168**  
800g, 13cm



**SCHERBAK**  
Handle Only  
For Vaginal Speculum  
**34-170**  
20cm

AZ Wisdom Wise Industries



**KOGAN**  
With Scale - Ratchet  
And Fixation Screw  
**34-172**  
24cm

**KOGAN**  
**34-174**  
24cm

**KOGAN - MODIF.**  
28cm  
**34-176**  
x = 4mm, y = 8mm  
**34-177**  
x = 2mm, y = 4mm

**GOODELL**  
Uterine Dilator  
**34-179**  
34cm

AZ Wisdom Wise Industries



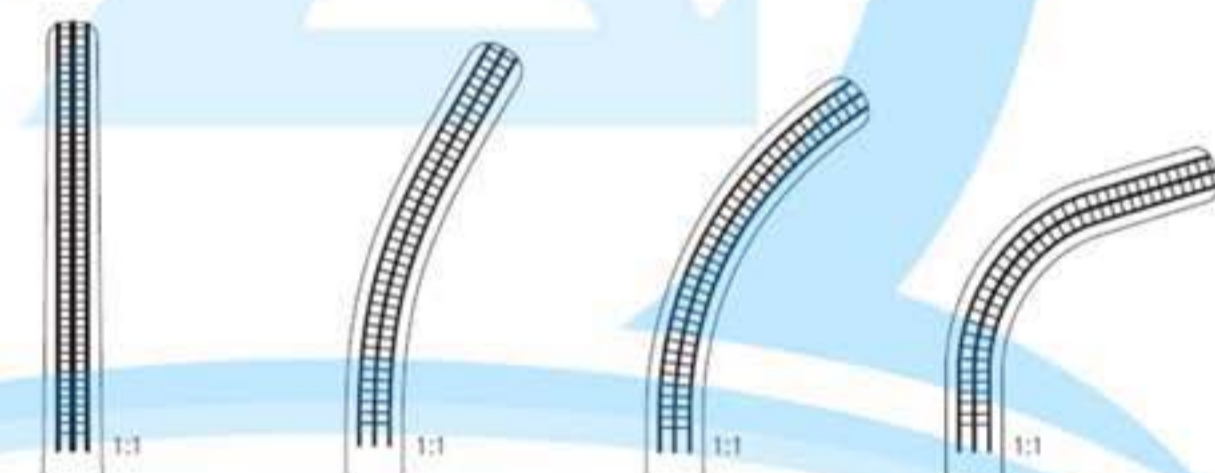


**PARAMETRIUM FORCEPS**

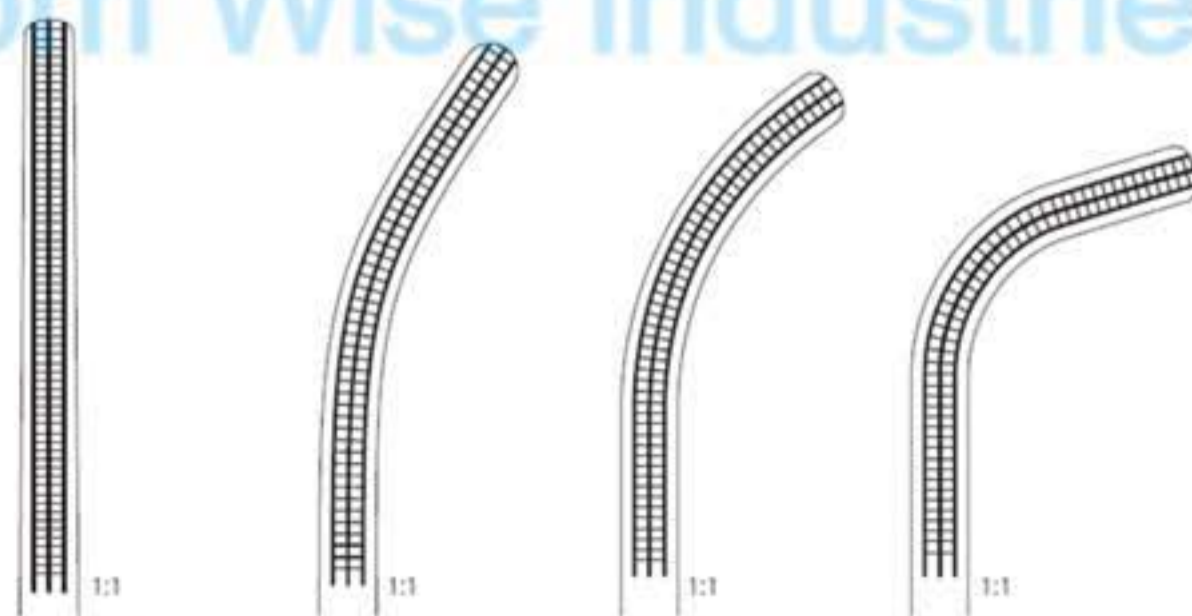
- |               |               |               |               |               |
|---------------|---------------|---------------|---------------|---------------|
| 34-181 = 21cm | 34-185 = 21cm | 34-189 = 21cm | 34-193 = 21cm | 34-197 = 21cm |
| 34-182 = 24cm | 34-186 = 24cm | 34-190 = 24cm | 34-194 = 24cm | 34-198 = 24cm |
| 34-183 = 30cm | 34-187 = 30cm | 34-191 = 30cm | 34-195 = 30cm | 34-199 = 30cm |
| 34-184 = 35cm | 34-188 = 35cm | 34-192 = 35cm | 34-196 = 35cm | 34-200 = 35cm |
- S - Curved



**ROGERS**  
Atraumatic forceps



- |                          |                            |                          |                            |
|--------------------------|----------------------------|--------------------------|----------------------------|
| 34-201<br>Fig. 1<br>22cm | 34-202<br>Fig. 2<br>21.5cm | 34-203<br>Fig. 3<br>21cm | 34-204<br>Fig. 4<br>20.5cm |
|--------------------------|----------------------------|--------------------------|----------------------------|



- |                          |                          |                            |                          |
|--------------------------|--------------------------|----------------------------|--------------------------|
| 34-206<br>Fig. 1<br>25cm | 34-207<br>Fig. 2<br>25cm | 34-208<br>Fig. 3<br>24.5cm | 34-209<br>Fig. 4<br>23cm |
|--------------------------|--------------------------|----------------------------|--------------------------|



**VALLEIX**  
Graduated  
With Slider  
**34-211**  
25cm

**MARTIN**  
Uterine  
Sound  
Curved  
Rigid  
Malleable  
**34-213**  
32cm

**SIMS**  
Uterine Sound  
Straight  
Rigid  
Malleable  
**34-215**  
32cm

**HEGAR Dilators**  
Chrome Plated  
Single Ended  
**34-221** = 1.0mm  
**34-222** = 2.0mm  
**34-223** = 3.0mm  
**34-224** = 4.0mm  
**34-225** = 5.0mm  
**34-226** = 6.0mm  
**34-227** = 7.0mm  
**34-228** = 8.0mm  
**34-229** = 9.0mm  
**34-230** = 10.0mm  
**34-231** = 11.0mm  
**34-232** = 12.0mm  
**34-233** = 13.0mm  
**34-234** = 14.0mm  
**34-235** = 15.0mm  
**34-236** = 16.0mm  
**34-237** = 17.0mm  
**34-238** = 18.0mm  
**34-239** = 19.0mm  
**34-240** = 20.0mm  
**34-241** = 21.0mm  
**34-242** = 22.0mm  
**34-243** = 23.0mm  
**34-244** = 24.0mm  
**34-245** = 25.0mm  
**34-246** = 26.0mm  
**34-247** = 27.0mm  
**34-248** = 28.0mm  
**34-249** = 29.0mm  
**34-250** = 30.0mm

**HEGAR Dilators**  
Chrome Plated  
Single Ended  
**34-251** = 1.5mm  
**34-252** = 2.5mm  
**34-253** = 3.5mm  
**34-254** = 4.5mm  
**34-255** = 5.5mm  
**34-256** = 6.5mm  
**34-257** = 7.5mm  
**34-258** = 8.5mm  
**34-259** = 9.5mm  
**34-260** = 10.5mm  
**34-261** = 11.5mm  
**34-262** = 12.5mm  
**34-263** = 13.5mm  
**34-264** = 14.5mm  
**34-265** = 15.5mm  
**34-266** = 16.5mm  
**34-267** = 17.5mm  
**34-268** = 18.5mm  
**34-269** = 19.5mm  
**34-321** = Set  
3mm - 10mm  
8 Pieces  
**34-322** = Set  
4mm - 17mm  
14 Pieces  
**34-323** = Set  
1mm - 26mm  
26 Pieces  
**34-324** = Set  
3mm - 13mm  
10 Pieces

without  
metal case

**HEGAR Dilators**  
Stainless Steel  
Single Ended  
**34-271** = 1.0mm  
**34-272** = 2.0mm  
**34-273** = 3.0mm  
**34-274** = 4.0mm  
**34-275** = 5.0mm  
**34-276** = 6.0mm  
**34-277** = 7.0mm  
**34-278** = 8.0mm  
**34-279** = 9.0mm  
**34-280** = 10.0mm  
**34-281** = 11.0mm  
**34-282** = 12.0mm  
**34-283** = 13.0mm  
**34-284** = 14.0mm  
**34-285** = 15.0mm  
**34-286** = 16.0mm  
**34-287** = 17.0mm  
**34-288** = 18.0mm  
**34-289** = 19.0mm  
**34-290** = 20.0mm  
**34-291** = 21.0mm  
**34-292** = 22.0mm  
**34-293** = 23.0mm  
**34-294** = 24.0mm  
**34-295** = 25.0mm  
**34-296** = 26.0mm  
**34-297** = 27.0mm  
**34-298** = 28.0mm  
**34-299** = 29.0mm  
**34-300** = 30.0mm

**HEGAR Dilators**  
Stainless Steel  
Single Ended  
**34-301** = 1.5mm  
**34-302** = 2.5mm  
**34-303** = 3.5mm  
**34-304** = 4.5mm  
**34-305** = 5.5mm  
**34-306** = 6.5mm  
**34-307** = 7.5mm  
**34-308** = 8.5mm  
**34-309** = 9.5mm  
**34-310** = 10.5mm  
**34-311** = 11.5mm  
**34-312** = 12.5mm  
**34-313** = 13.5mm  
**34-314** = 14.5mm  
**34-315** = 15.5mm  
**34-316** = 16.5mm  
**34-317** = 17.5mm  
**34-318** = 18.5mm  
**34-319** = 19.5mm  
**34-326** = Set  
3mm - 10mm  
8 Pieces  
**34-327** = Set  
4mm - 17mm  
14 Pieces  
**34-328** = Set  
1mm - 26mm  
26 Pieces  
**34-329** = Set  
3mm - 13mm  
10 Pieces

without  
metal case



**HEGAR Dilators**  
Chrome Plated  
Double Ended  
**34-331** = 1/2mm  
**34-332** = 3/4mm  
**34-333** = 5/6mm  
**34-334** = 7/8mm  
**34-335** = 9/10mm  
**34-336** = 11/12mm  
**34-337** = 13/14mm  
**34-338** = 15/16mm  
**34-339** = 17/18mm  
**34-340** = 19/20mm  
**34-341** = 21/22mm  
**34-342** = 23/24mm

**34-345** = Set  
3/4mm - 17/18mm  
14 Pieces  
**34-346** = Set  
1/2mm - 25/26mm  
26 Pieces

**HEGAR Dilators**  
Stainless Steel  
Double Ended  
**34-351** = 1/2mm  
**34-352** = 3/4mm  
**34-353** = 5/6mm  
**34-354** = 7/8mm  
**34-355** = 9/10mm  
**34-356** = 11/12mm  
**34-357** = 13/14mm  
**34-358** = 15/16mm  
**34-359** = 17/18mm  
**34-360** = 19/20mm  
**34-361** = 21/22mm  
**34-362** = 23/24mm  
**34-363** = 25/26mm

**34-365** = Set  
3/4mm - 17/18mm  
14 Pieces  
**34-366** = Set  
1/2mm - 25/26mm  
26 Pieces



**HANK Dilators**  
Chrome Plated  
Double Ended  
**34-371** = Fig. 19/10 = 4.5/5.0mm  
**34-372** = Fig. 11/12 = 5.5/6.0mm  
**34-373** = Fig. 13/14 = 6.5/7.0mm  
**34-374** = Fig. 15/16 = 7.5/8.0mm  
**34-375** = Fig. 17/18 = 8.5/9.0mm  
**34-376** = Fig. 19/20 = 9.5/10.0mm

**34-379** = Set  
4.5/5.0mm - 9.5/10.0mm  
6 Pieces



**HEGAR Dilators Single Ended**

Set In Rexen Pouch

**34-381** = 4 - 11mm = 8 Pieces = Chrome Plated

**34-382** = 4 - 11mm = 8 Pieces = Stainless Steel

**34-383** = 4 - 17mm = 14 Pieces = Chrome Plated

**34-384** = 4 - 17mm = 14 Pieces = Stainless Steel



**HEGAR Dilators Double Ended**

Set In Rexen Pouch

**34-386** = 3/4 - 17/18mm = 8 Pieces = Chrome Plated

**34-387** = 3/4 - 17/18mm = 8 Pieces = Stainless Steel

**34-388** = 1/2 - 25/26mm = 13 Pieces = Chrome Plated

**34-389** = 1/2 - 25/26mm = 13 Pieces = Stainless Steel

AZ Wisdom Wise Industries



1:3

**HEGAR** Dilators Double Ended

Set In Cloth Canvas Roll Pouch

**34-391** = 3/4 - 17/18mm = 8 Pieces = Chrome Plated

**34-392** = 3/4 - 17/18mm = 8 Pieces = Stainless Steel

**34-393** = 1/2 - 25/26mm = 13 Pieces = Chrome Plated

**34-394** = 1/2 - 25/26mm = 13 Pieces = Stainless Steel



1:3

**HANK** Dilators Double Ended

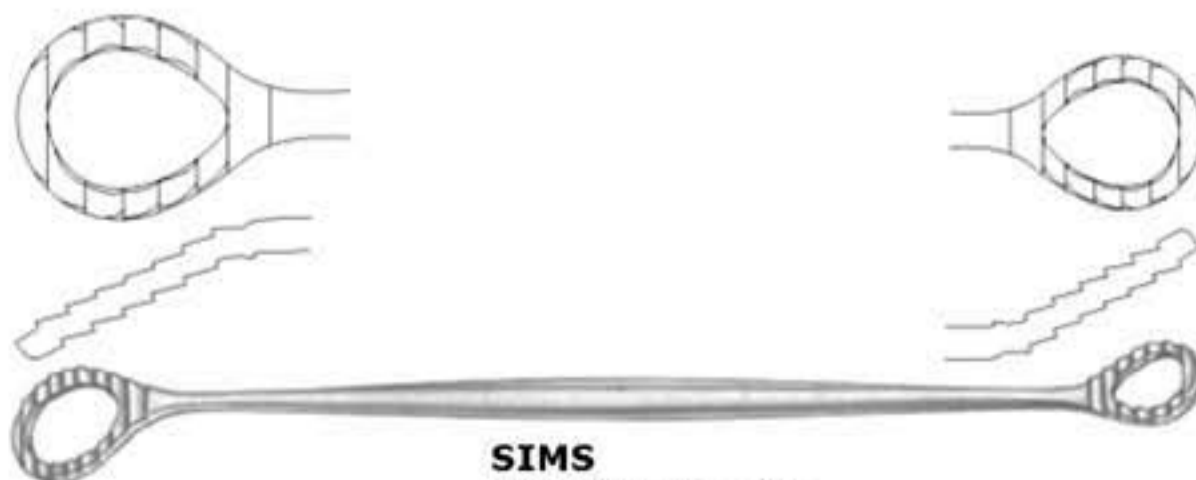
Set In Cloth Canvas Roll Pouch

**34-396** = 4.5/5.0mm - 9.5/10.0mm = 6 Pieces = Chrome Plated

**34-397** = 4.5/5.0mm - 9.5/10.0mm = 6 Pieces = Stainless Steel



**BRAUN**  
Depressor Curette  
24mm/28mm  
**34-399**  
28cm



**SIMS**  
Depressor Curette  
**34-401**  
26cm



**STAUDE - MOORE**  
34-403  
17cm



**BARRETT**  
34-405  
18cm



**SKENE**  
34-407  
24cm



**BRAUN**  
34-409  
25cm



**POZZI**  
34-411  
25.5cm



**SCHROEDER**  
34-413  
25cm



**SCHROEDER**  
24cm



34-415  
Straight



34-416  
Curved



**DUPLAY**  
34-418  
28cm



**IOWA**  
34-420  
26cm



**BEACHAM**  
34-422  
26cm  
Amniotome



**TEALE**  
34-424  
23cm



**JACOBS**  
21cm



34-426  
Straight



34-427  
Curved



6mm  
8mm  
10mm



**MUSEUX**  
24cm

Straight  
34-429  
6mm  
34-430  
8mm  
34-431  
10mm

Straight  
34-432  
6mm  
34-433  
8mm  
34-434  
10mm



**MUSEUX**  
2x2 Teeth  
24cm



**34-436**  
7mm



**34-437**  
9mm



**34-438**  
10mm



**PRATT**  
**34-440**  
26cm



**CZERNY**  
**34-442**  
20.5cm



**BRAUN**  
**34-444**  
4x4 Teeth  
26.5cm



**BRAUN**  
**34-446**  
4x4 Teeth  
16cm

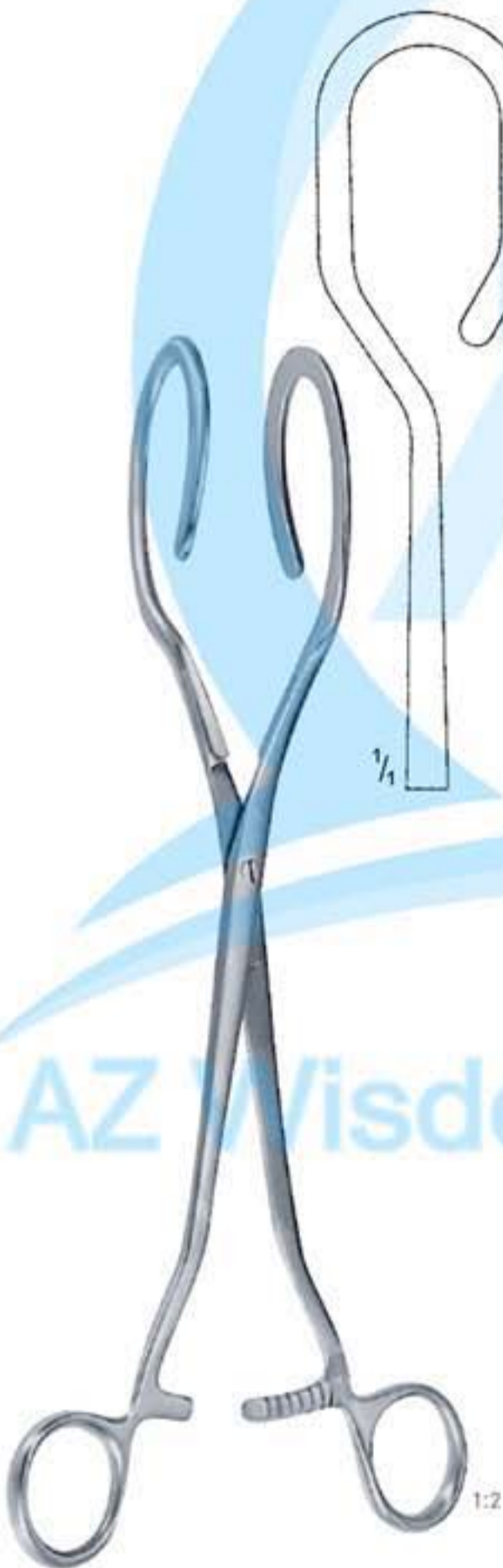


**DOYEN**  
34-448  
20cm

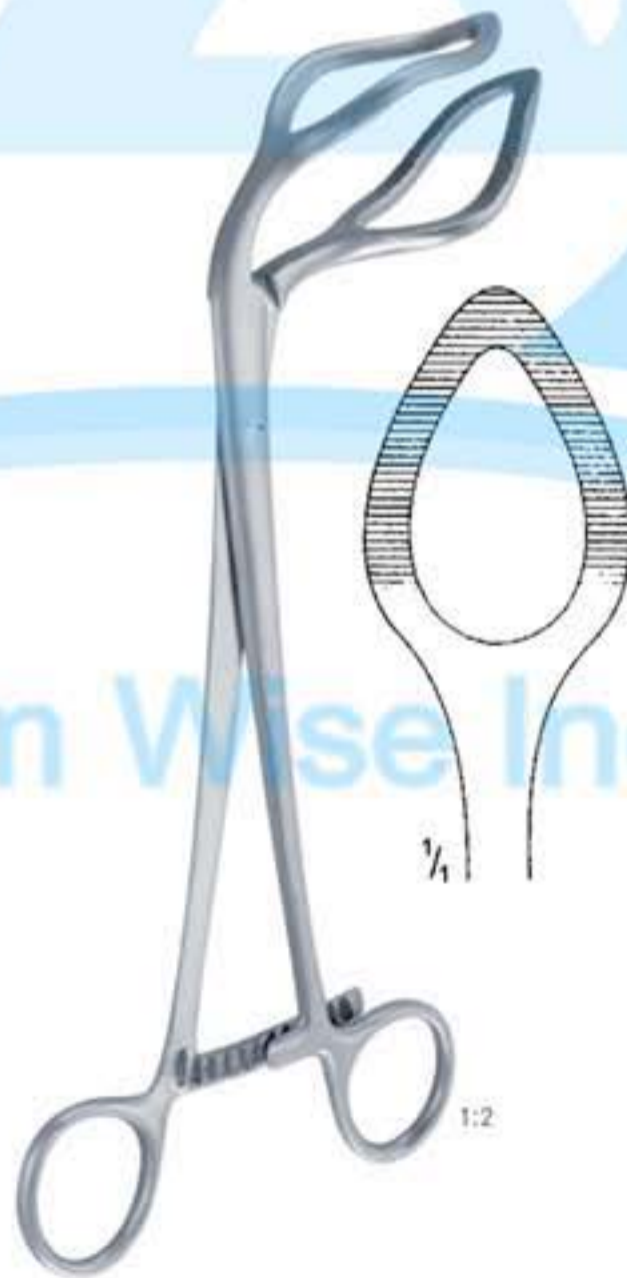
**NOTO**  
34-450  
27cm

**KELLY**  
34-452  
32cm





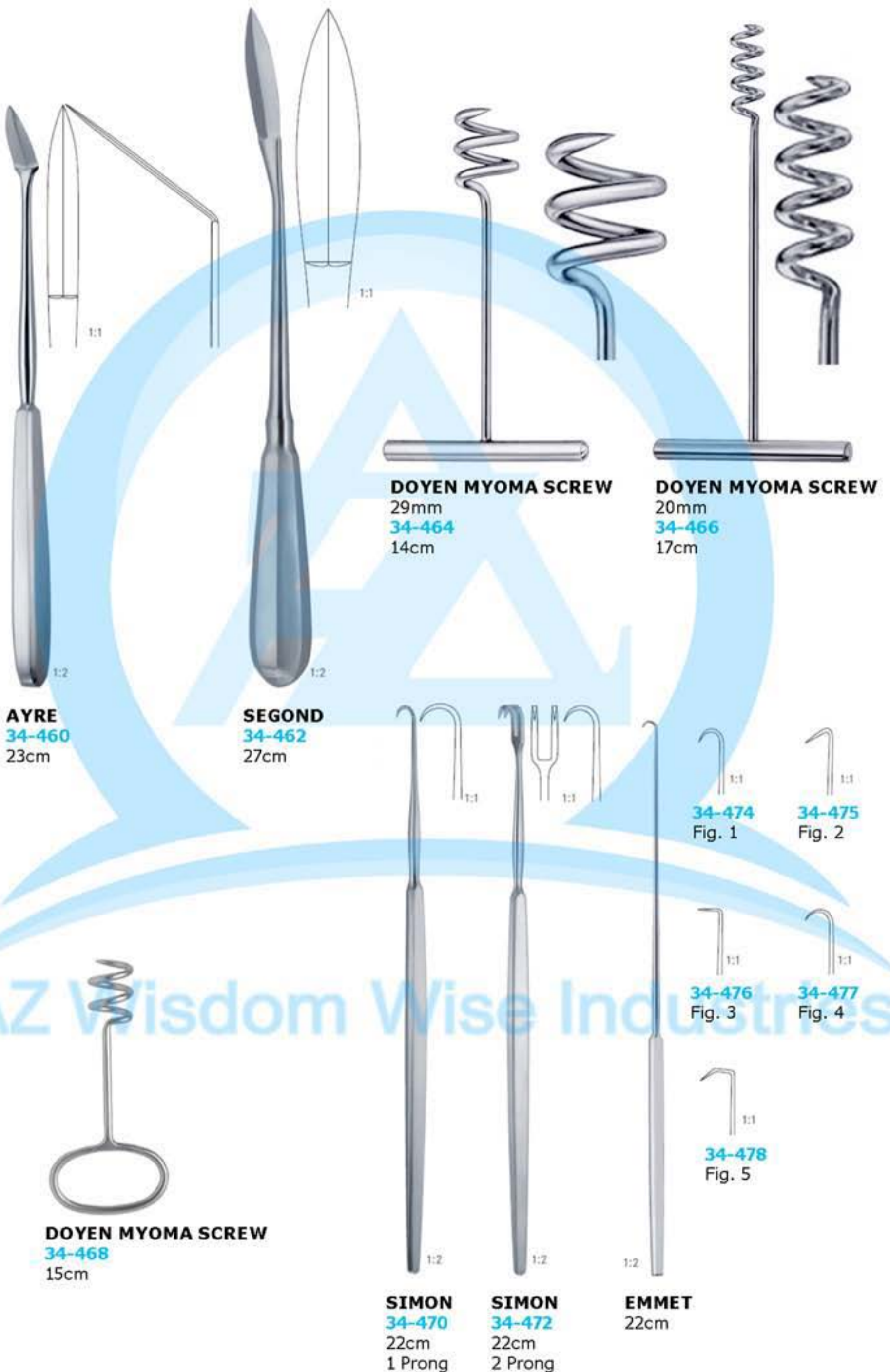
**DARTIGUES**  
34-454  
27cm



**SOMER**  
34-456  
23cm



**COLLIN**  
34-458  
25cm





**GELLHORN**  
34-480  
23cm



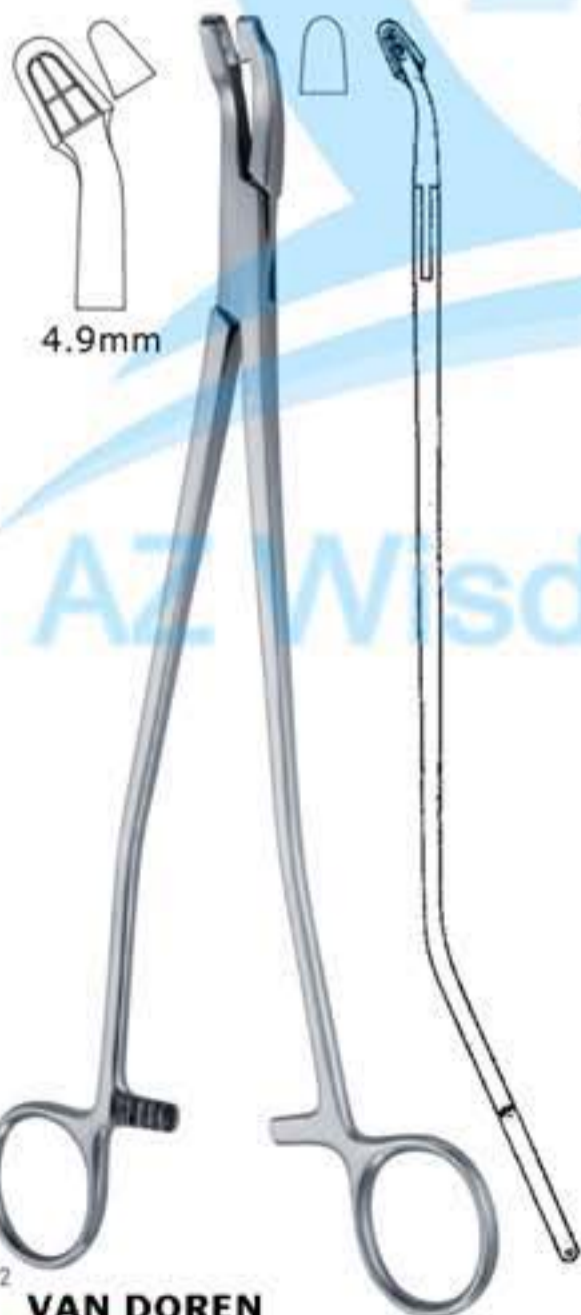
**THOMAS GAYLOR**  
34-482 = 22cm  
34-483 = 24cm



**THOMAS GAYLOR**  
34-485 = 22cm  
34-486 = 24cm



**SCHUBERT Straight**  
34-488 = 21cm  
34-489 = 28cm



**VAN DOREN**  
34-491  
25cm



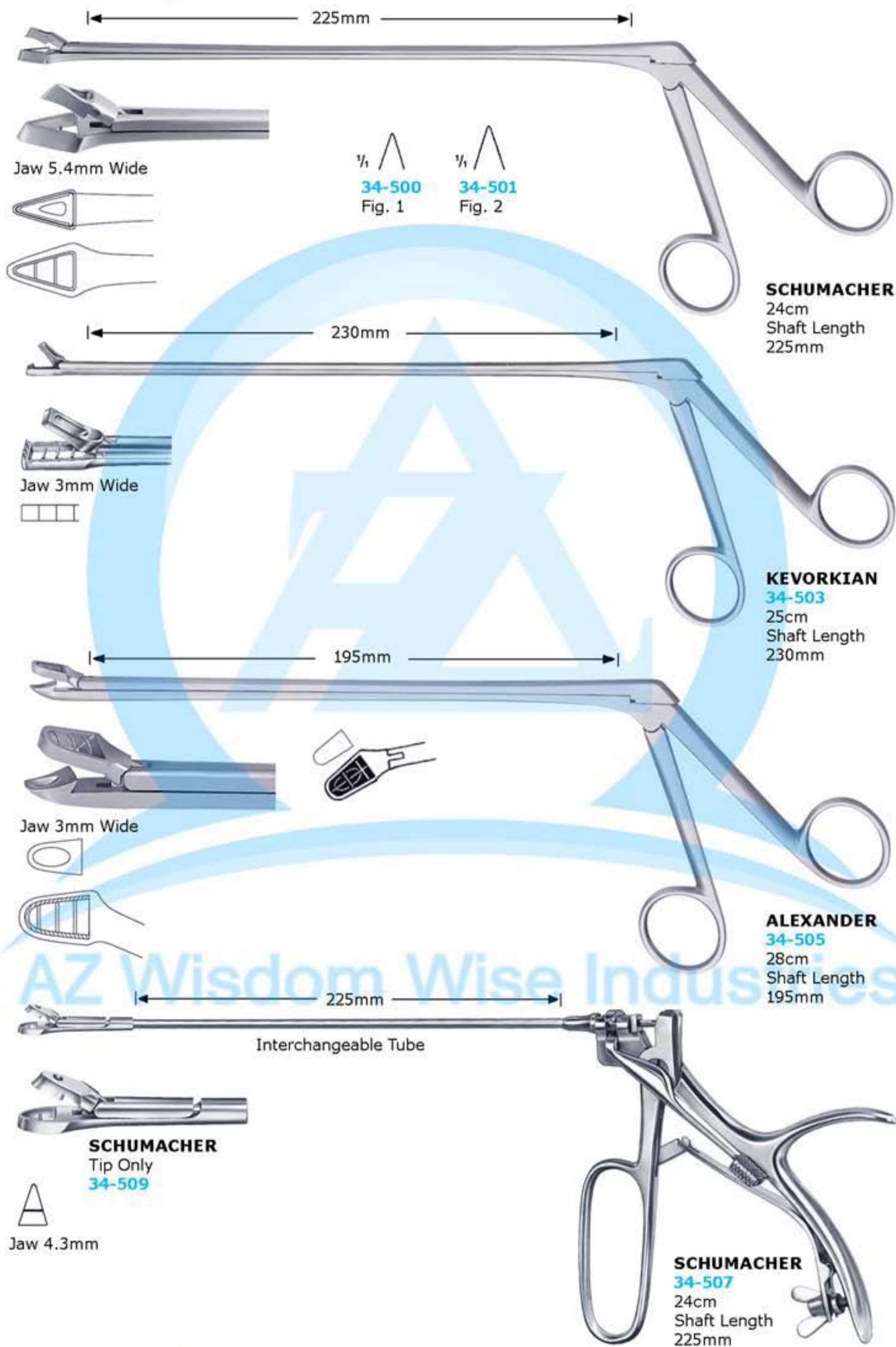
**SCHUMACHER**  
24cm

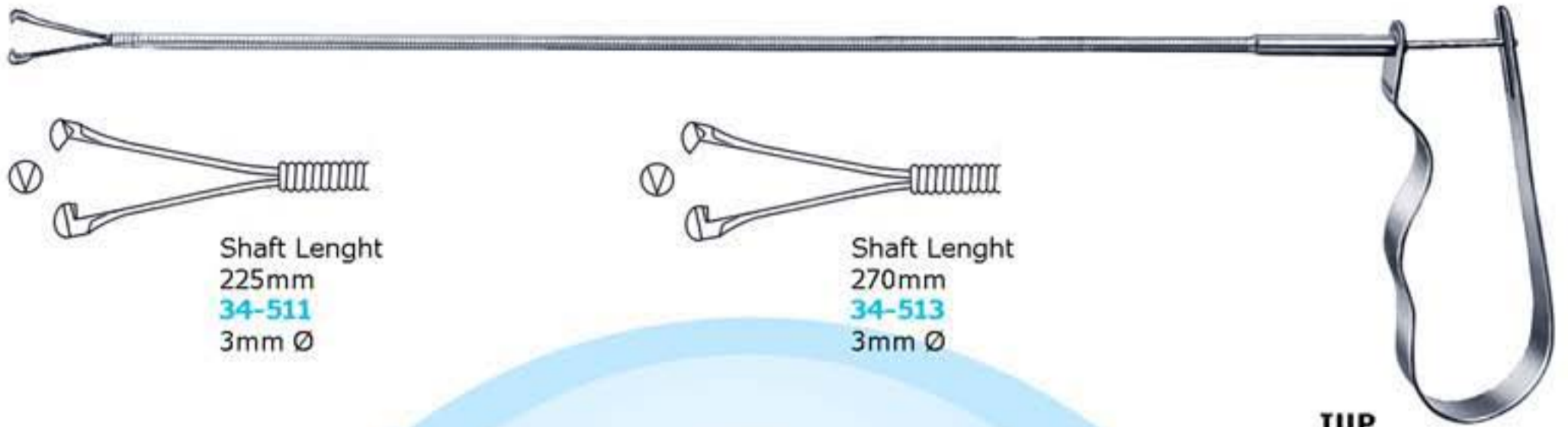


**FAURE**  
34-496  
21cm



**SCHUBERT Curved**  
34-498  
26cm





**IUP**  
Grasping Forceps  
Flexible Shaft



AZ Wisdom Wise Industries



**TISCHLER - MORGAN**  
Instrument As Illustrated,  
But Without Locking Screw

34-524 = x = 200mm

34-525 = x = 250mm

**TISCHLER - MORGAN  
USA MODELL**

34-527 = x = 200mm

34-528 = x = 250mm



**MINI - TISCHLER**

Instrument As Illustrated,  
But Without Locking Screw

34-530 = x = 200mm

34-531 = x = 250mm

**MINI - TISCHLER  
USA MODELL**

34-533 = x = 200mm

34-534 = x = 250mm



**UNI - TISCHLER**

34-540

3x7mm  
Straight, Tip Only



**UNI - TISCHLER**

34-541

3x7mm  
Down, Tip Only



**HANDLE ONLY**

34-536



**UNI - TISCHLER**

34-542

3x7mm  
Up, Tip Only



**UNI - TOWNSEND**

34-543

2.3x4mm  
Straight, Tip Only



**UNI - TOWNSEND**

34-544

2.3x4mm  
Up, Tip Only



**UNI - TOWNSEND**

34-545

2.3x4mm  
Down, Tip Only



**UNI - KEVORKIAN**

34-546

3x9mm  
Tip Only



**UNI - OVAL**

34-547

3x5mm  
Tip Only



**UNI - BURKE**

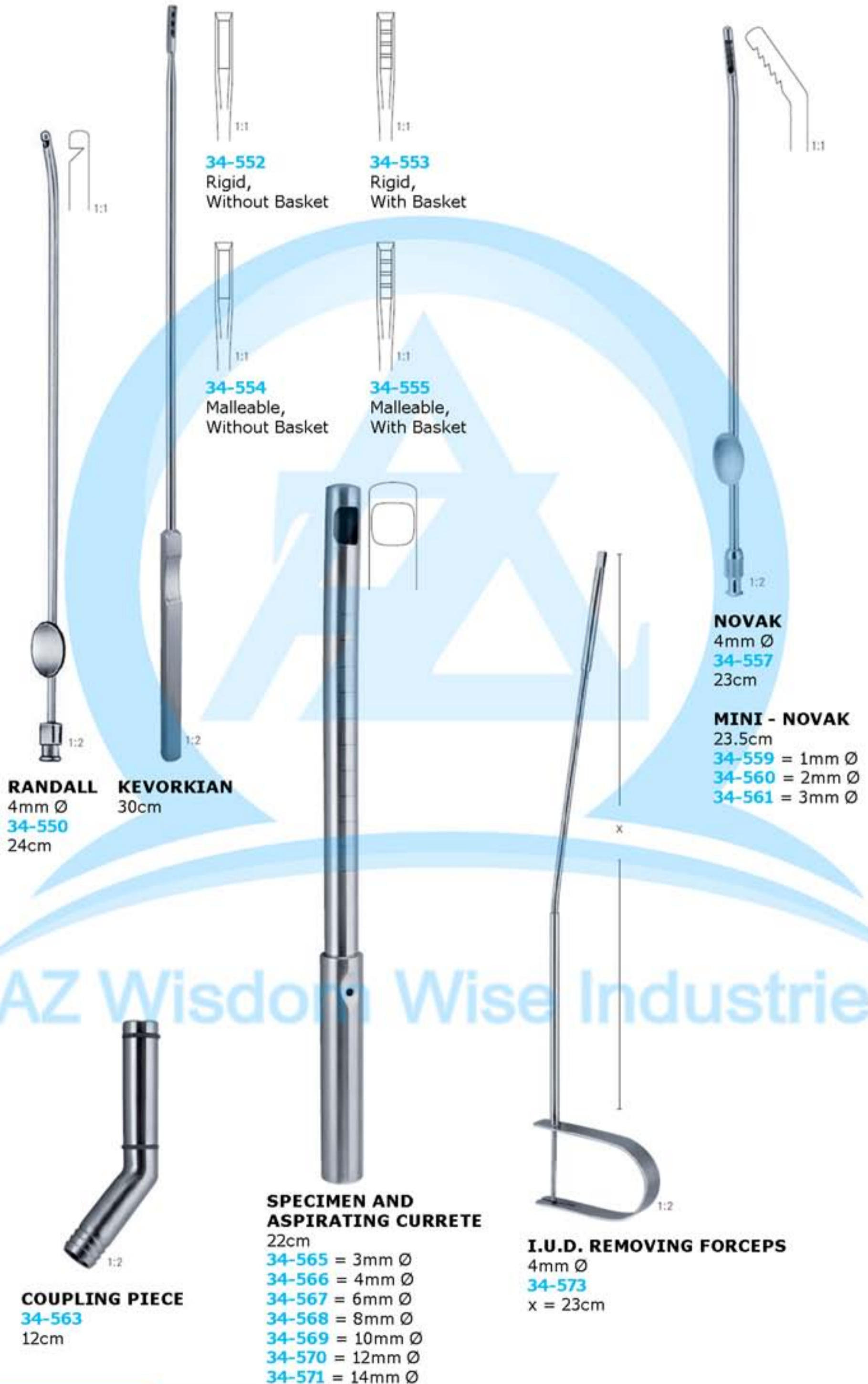
34-548

3x5mm  
Tip Only



**HANDLE ONLY**

34-538







**RECAMIER CURETTE**  
26cm  
Sharp  
**34-575**  
Fig. 00  
To  
Fig. 16

**RECAMIER CURETTE**  
26cm  
Blunt  
**34-577**  
Fig. 00  
To  
Fig. 16

**RECAMIER CURETTE**  
31cm  
Sharp  
**34-579**  
Fig. 00  
To  
Fig. 16

**RECAMIER CURETTE**  
31cm  
Blunt  
**34-581**  
Fig. 00  
To  
Fig. 16



**SIMS CURETTE RIGID**

31cm  
Sharp  
34-583  
Fig. 00  
To  
Fig. 16

**SIMS CURETTE MALLEABLE**

31cm  
Sharp  
34-587  
Fig. 00  
To  
Fig. 16

**SIMS CURETTE RIGID**

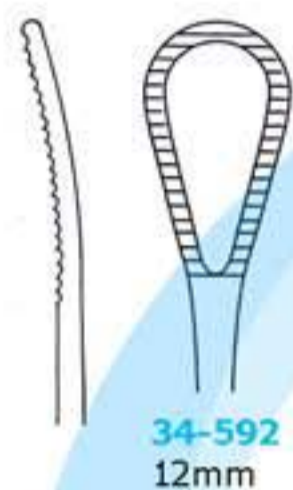
31cm  
Blunt  
34-585  
Fig. 00  
To  
Fig. 16

**SIMS CURETTE MALLEABLE**

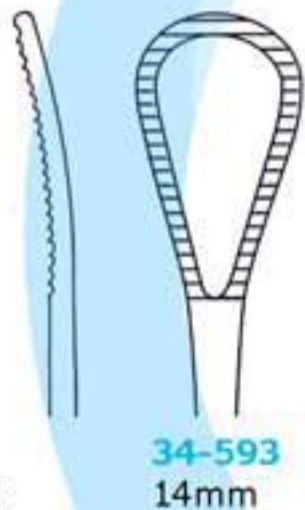
31cm  
Blunt  
34-589  
Fig. 00  
To  
Fig. 16



34-591  
10mm



34-592  
12mm



34-593  
14mm

**GREENE**  
Uterine Curette  
28cm



**MUNICH - TYPE**  
Biopsy Curette  
34-595  
27cm

AZ Wisdom Wise Industries



**SIMON**  
Sharp, Rigid  
25cm



**34-600**  
Fig. 1



**34-601**  
Fig. 2



**34-602**  
Fig. 3



**34-603**  
Fig. 4



**34-604**  
Fig. 5



**34-605**  
Fig. 6



**SCHROEDER**  
30cm



**34-607**  
Fig. 1



**34-608**  
Fig. 2



**34-609**  
Fig. 3



**34-610**  
Fig. 4



**34-611**  
Fig. 5



**34-612**  
Fig. 6



**SIMON**  
Uterine Scoop  
30cm



**34-614**  
Fig. 1  
10x7mm



**34-615**  
Fig. 2  
12x8mm



**34-616**  
Fig. 3  
13x10mm



**34-617**  
Fig. 4  
16x12mm



**34-618**  
Fig. 5  
18x13mm



**34-619**  
Fig. 6  
20x15mm



**BLAKE**  
Curette Double Ended  
Sharp/Blunt  
**34-621**  
8/13mm  
27.5cm

Geburtshilfe  
Obstetrics  
Obstetricia  
Obstétrique  
Ostetricia

**35**  
444 - 453





**SIMPSON**  
35-001  
30cm



**SIMPSON - BRAUN**  
35-003 = 33cm  
35-004 = 36cm



**NAEGELE**  
35-006 = 36cm  
35-007 = 40cm



**PIPER**  
35-009  
44cm



**DE LEE**  
35-011 = 36cm  
35-012 = 39cm



**SIMPSON LUIKART**  
35-014  
36cm



**DE LEE**  
35-016  
30cm



**WRIGLEY**  
35-018  
25cm  
For Caesarian Section



**ELLIOT**  
35-020 = 32cm  
35-021 = 38cm



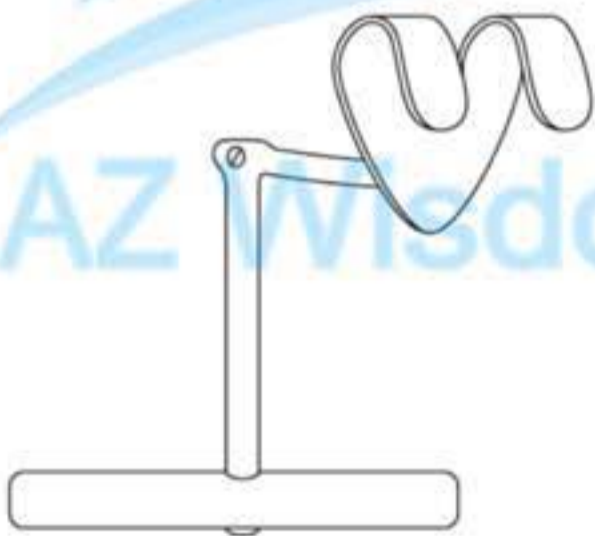
**MC LEAN**  
35-023  
36cm



**KIELLAND**  
35-025  
41cm



**KIELLAND - LUIKART**  
35-027  
40cm



**BILL HANDLE**  
35-029

Traction Handle To Be Used With All Obstetrical Forceps  
With Horned Standard Type Handle

AZ Wisdom Wise Industries



**MC LEAN - LUIKART**  
 35-031  
 39cm



**MC LEAN - TUCKER**  
 35-033  
 39cm



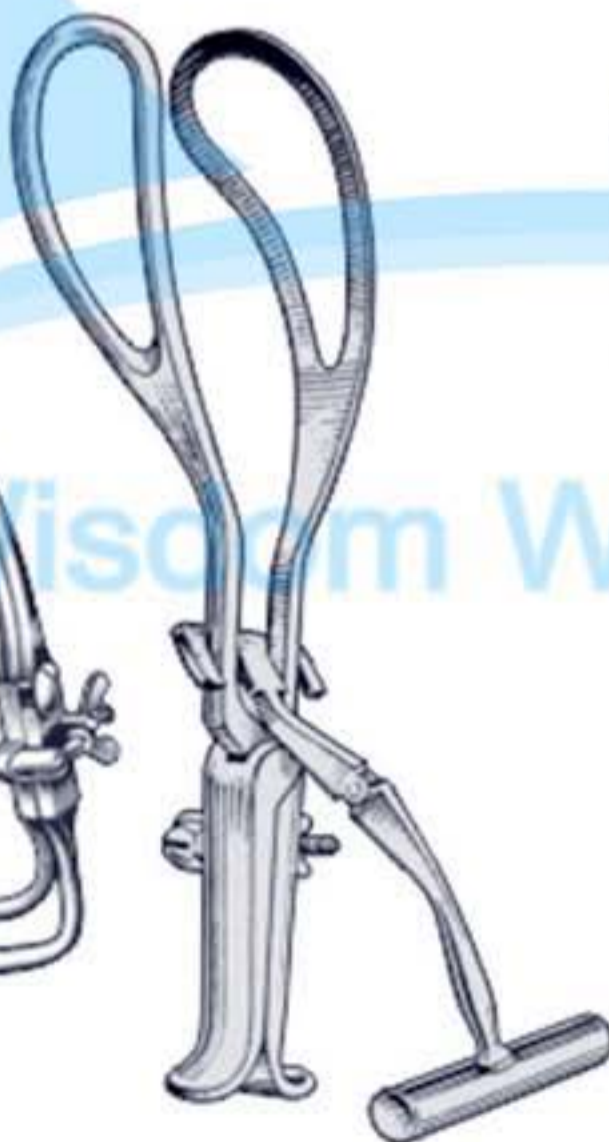
**LUIKART**  
 35-035  
 41cm



**BARTON**  
 35-037  
 36cm



**PIPER**  
 35-039  
 40cm  
 With Traction Handle



**HAIG FERGUSON**  
 35-041  
 Detachable Axis Traction  
 Rod And Handle



**TARNIER**  
 With Traction Handle  
 35-042 = 38cm  
 35-043 = 40cm  
 35-044 = 42cm



**DEWEY**  
 35-046  
 37cm  
 With Traction Handle





**KEDARNATH DAS**  
35-048  
33cm



**BOERMA**  
35-050  
29cm



**HIRST**  
35-052  
26cm



**BARNES NEVILLE**  
35-054  
With Traction Handle



**BARNES NEVILLE**  
35-056  
36cm  
With Traction Handle



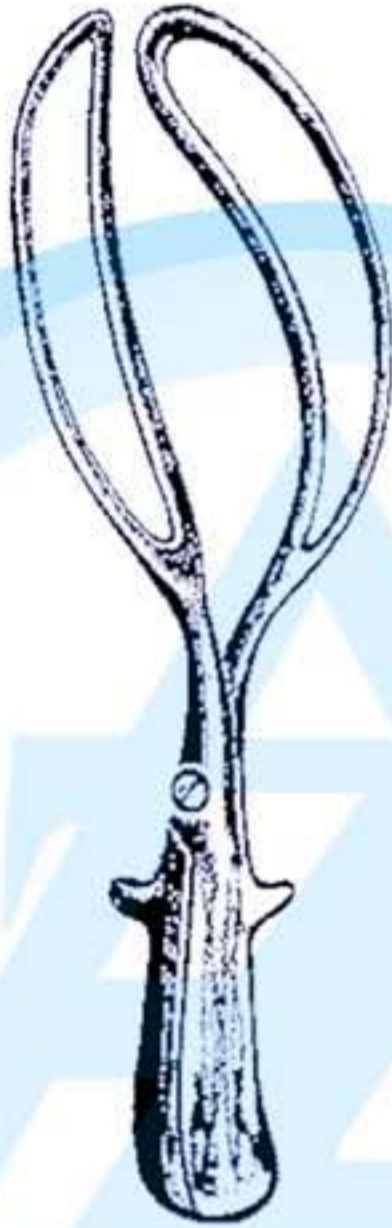
**LAUFE PIPER**  
35-058  
30cm  
For Breech Presentation



**LAUFE DIVERGENT**  
35-060  
31cm  
Outlet Forceps



**KEDARNETH DAS**  
**35-062**  
38cm  
With Traction Handle



**HALE**  
**35-064**  
26cm



**MURLESS ELEVATING SPOON**  
**35-066**  
26cm

AZ Wisdom Wise Industries

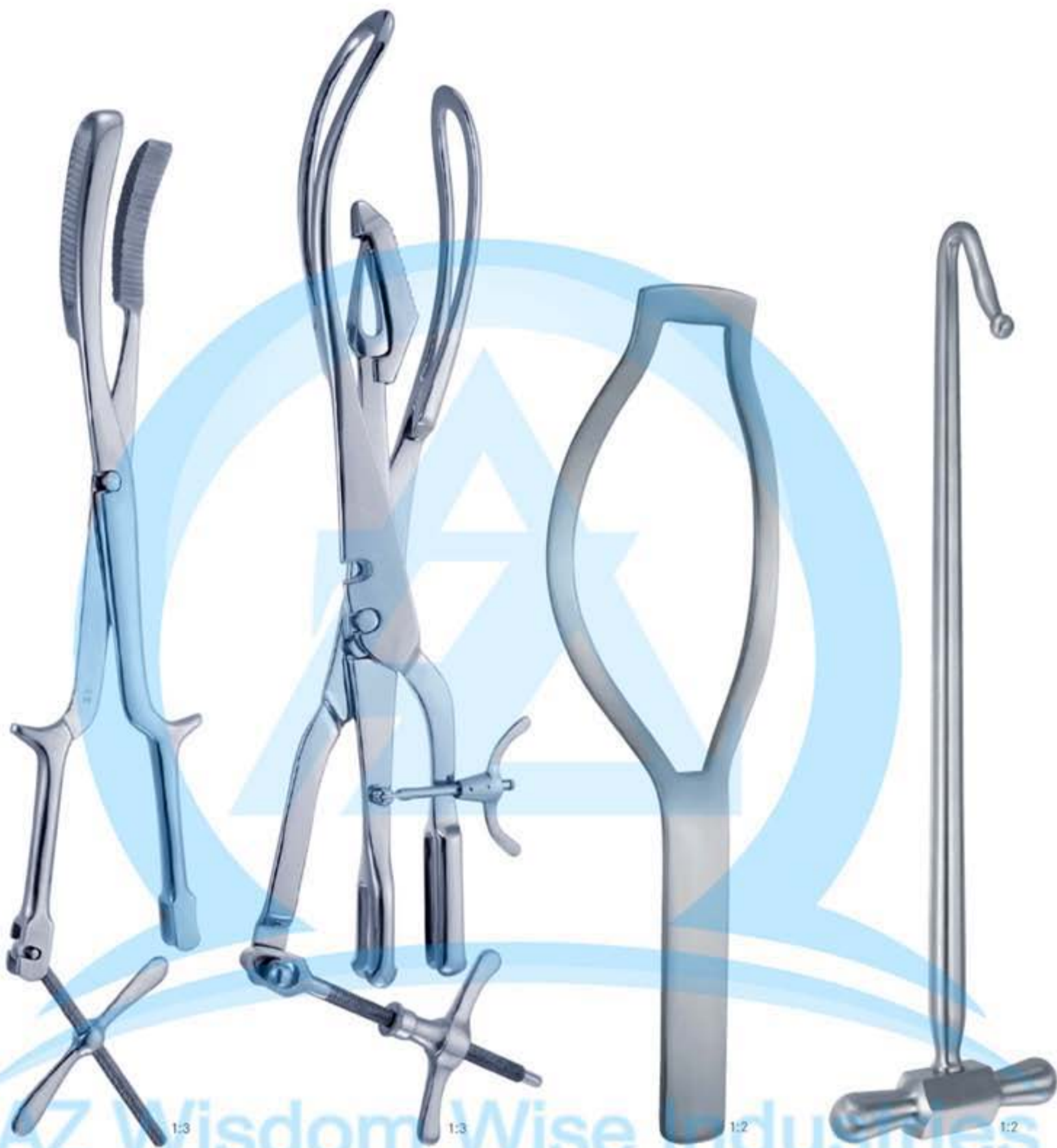


**COREY  
(GREENHALGH)**  
**35-068**  
24cm  
Placenta Forceps

**NAEGELE**  
**35-070**  
25cm

**SMELLIE**  
**35-072**  
25cm  
Perforator

**GREEN - ARMYTAGE**  
**35-074**  
21cm  
Uterine Elevating Forceps  
S/J



**BRAUN**  
**35-076**  
42cm  
Cranioclast,  
One Jaw Fenestrated

**TARNIER**  
**35-078**  
46cm

**SELLHEIM**  
**35-080**  
28cm  
Obstetric Lever

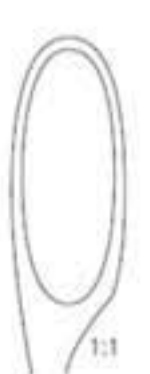
**BRAUN**  
**35-082**  
32.5cm  
Decapitating Hook



**WINTER**  
28cm



**35-084**  
Straight  
Fig. 1



**35-085**  
Straight  
Fig. 2



**35-086**  
Straight  
Fig. 3



**35-087**  
Curved  
Fig. 1



**35-088**  
Curved  
Fig. 2



**35-089**  
Curved  
Fig. 3



**SAENGER**  
27cm



**35-091**  
Straight



**35-092**  
Curved



**CUZZI**  
30cm  
Blunt, Back Serrated



**35-094**  
14.5cm



**35-095**  
18cm



**35-096**  
21cm



**PESTALOZZA**  
Ovum Curette  
**35-098**  
30cm



**WALLICH**  
Blunt  
**35-100**  
42cm



AZ Wisdom Wise Industries



**KANE**  
Umbilical Card Clamp  
**35-102**  
8.5cm



**COLLIN**  
Umbilical Card Clamp  
**35-104**  
9cm



**MARTIN** cm/inch Scale  
**35-106**  
34cm



**COLLIN** cm Scale  
**35-108**  
35cm

Messzirkel  
Calipers  
Compases  
Compas  
Compassi

**36**  
454 - 457





**TROWEL** Knife  
4x6mm  
**36-001**  
12cm



**TROWEL** Knife  
7x11mm  
**36-003**  
16cm

AZ Wisdom Wise Industries





**CASTROVIEJO**  
Effective Range  
0-15mm  
**36-005**  
8cm



**CASTROVIEJO**  
Effective Range  
Straight  
0-20mm  
**36-007**  
8cm



**CASTROVIEJO - SCHACHAR**  
Effective Range  
Curved  
0-20mm  
**36-009**  
8cm



**CASTROVIEJO - EPKER**  
Effective Range  
0-40mm  
**36-011**  
8.4cm



**CASTROVIEJO - EPKER**  
Effective Range  
0-40mm  
**36-013**  
18cm



**BOWMANN**

13cm

- 36-015 = Fig. 0/0
- 36-016 = Fig. 1/1
- 36-017 = Fig. 2/2
- 36-018 = Fig. 3/3
- 36-019 = Fig. 4/4
- 36-020 = Fig. 5/5
- 36-021 = Fig. 6/6
- 36-022 = Fig. 7/7
- 36-023 = Fig. 8/8

**BOWMANN**

13cm

- 36-025 = Fig. 0000/000
- 36-026 = Fig. 00/0
- 36-027 = Fig. 0/1
- 36-028 = Fig. 1/2
- 36-029 = Fig. 2/3
- 36-030 = Fig. 3/4
- 36-031 = Fig. 4/5
- 36-032 = Fig. 5/6
- 36-033 = Fig. 6/7
- 36-034 = Fig. 7/8

**BOWMANN**

13cm

- 36-036 = Fig. 00/0
- 36-037 = Fig. 0/1
- 36-038 = Fig. 1/2
- 36-039 = Fig. 2/3
- 36-040 = Fig. 3/4
- 36-041 = Fig. 4/5
- 36-042 = Fig. 5/6
- 36-043 = Fig. 6/7
- 36-044 = Fig. 7/8

AZ Wisdom Wise Industries

Otologie  
Otology  
Otología  
Otologie  
Otologia

**37**  
**458 - 481**





**RICHNAU HOLMGREN**



3mm Ø  
**37-050**  
Fig. 0



4mm Ø  
**37-051**  
Fig. 1



5mm Ø  
**37-052**  
Fig. 2



6mm Ø  
**37-053**  
Fig. 3



**TOYNBEE**  
36mm  
**37-060**  
Set For Adults  
Fig. 1 To Fig. 4



4.5mm Ø  
**37-055**  
Fig. 1



5.5mm Ø  
**37-056**  
Fig. 2



6.5mm Ø  
**37-057**  
Fig. 3



7.5mm Ø  
**37-058**  
Fig. 4



**GRUBER**  
**37-062**  
Set For Adults  
Fig. 1 To Fig. 4



4.5mm Ø  
**37-064**  
Fig. 1



5.5mm Ø  
**37-065**  
Fig. 2



6.5mm Ø  
**37-066**  
Fig. 3



7.5mm Ø  
**37-067**  
Fig. 4



**POLITZER**  
**37-069**  
Set For Adults  
Fig. 1 To Fig. 4



2mm Ø  
**37-071**  
Fig. 1



3mm Ø  
**37-072**  
Fig. 2



4mm Ø  
**37-073**  
Fig. 3



5mm Ø  
**37-074**  
Fig. 4



**BOUCHERON**  
**37-076**  
Set For Children  
Fig. 0 To Fig. 2



3mm Ø  
**37-078**  
Fig. 0



4.5mm Ø  
**37-079**  
Fig. 1



5.5mm Ø  
**37-080**  
Fig. 2

AZ Wisdom Wise Industries



Fig. 1  
**37-084**  
5.5x6.5mm

Fig. 2  
**37-085**  
6.5x7.5mm

Fig. 3  
**37-086**  
7.5x8.5mm

Fig. 4  
**37-087**  
8.5x9.5mm

Fig. 5  
**37-088**  
9.5x10.5mm

Fig. 6  
**37-089**  
10.5x11.5mm

**ZOELLNER**  
**37-082**

Set For Adults, Black  
Fig. 1 To Fig. 6



Fig. 1  
**37-093**  
2mm Ø

Fig. 2  
**37-094**  
3.5mm Ø

Fig. 3  
**37-095**  
5mm Ø

Fig. 4  
**37-096**  
6.5mm Ø

Fig. 5  
**37-097**  
7.5mm Ø

**HARTMANN**  
**37-091**

Set For Adults, Black  
Fig. 1 To Fig. 5



Fig. 1  
**37-101**  
4.5mm Ø

Fig. 2  
**37-102**  
5.5mm Ø

Fig. 3  
**37-103**  
6.5mm Ø

Fig. 4  
**37-104**  
7.5mm Ø

**HARTMANN**  
**37-099**

Set For Adults  
Fig. 1 To Fig. 4



Fig. 1  
**37-108**  
4.5mm Ø

Fig. 2  
**37-109**  
5.5mm Ø

Fig. 3  
**37-110**  
6.5mm Ø

Fig. 4  
**37-111**  
7.5mm Ø

**BOUCHERON**  
**37-106**

Set For Adults  
Fig. 1 To Fig. 4



**SIEGLE**  
**37-113**  
Set Complete  
**36-114 To 36-118**

Fig. 1  
**37-114**  
6.5mm Ø

Fig. 2  
**37-115**  
7mm Ø

Fig. 3  
**37-116**  
8mm Ø

**37-117**

Magnifier Alone  
**37-118**



**BRUENINGS**  
**37-120**  
Set Complete  
**36-121 To 36-126**

Fig. 1  
**37-121**  
6.5mm Ø

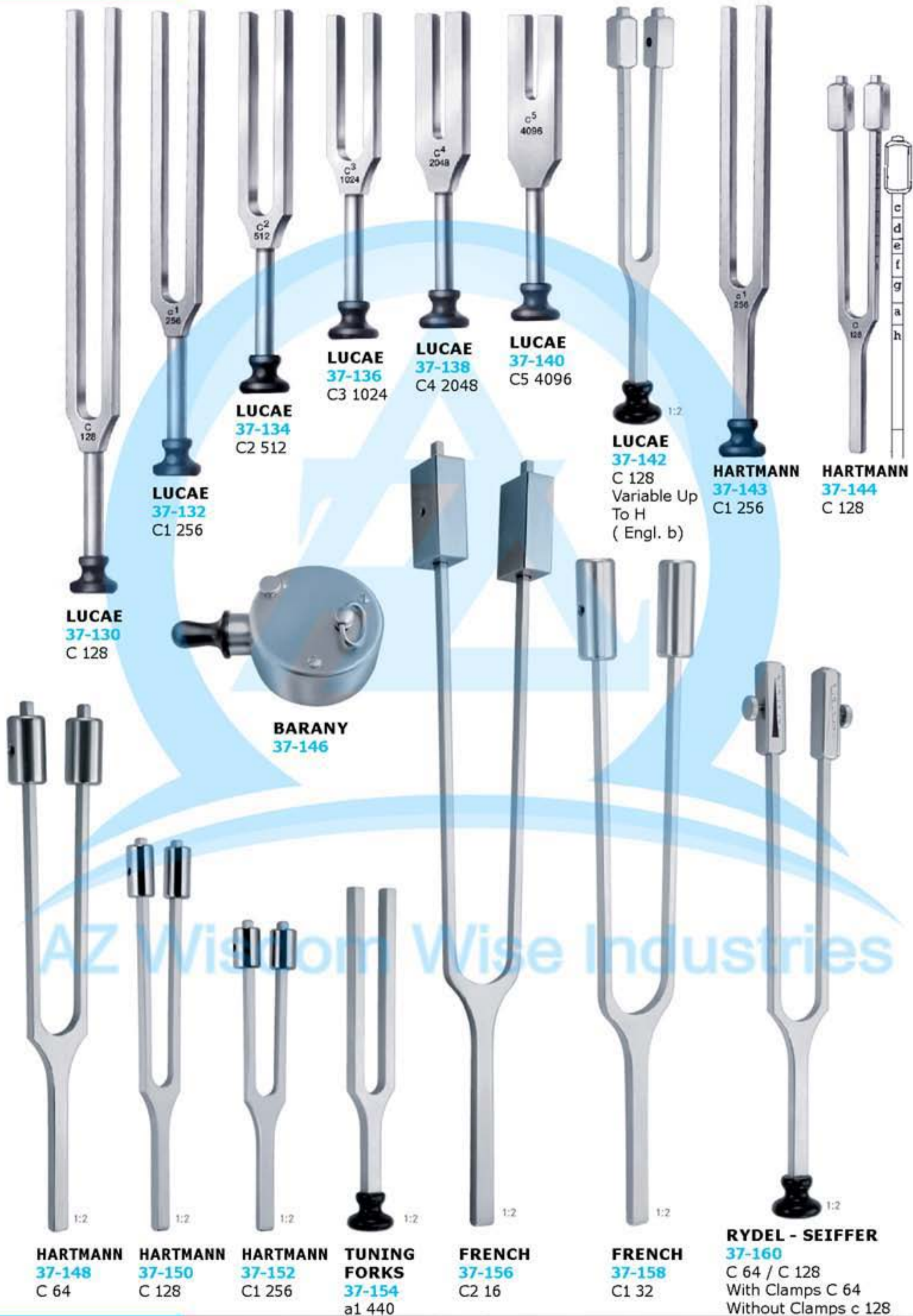
Fig. 2  
**37-122**  
7.5mm Ø

Fig. 3  
**37-123**  
8.5mm Ø

Fig. 4  
**37-124**  
9.5mm Ø

**37-125**

Magnifier  
Only  
**37-126**



**LUCAE 37-130**  
C 128

**LUCAE 37-132**  
C1 256

**LUCAE 37-134**  
C2 512

**LUCAE 37-136**  
C3 1024

**LUCAE 37-138**  
C4 2048

**LUCAE 37-140**  
C5 4096

**LUCAE 37-142**  
C 128  
Variable Up  
To H  
(Engl. b)

**HARTMANN 37-143**  
C1 256

**HARTMANN 37-144**  
C 128

**BARANY 37-146**

**HARTMANN 37-148**  
C 64

**HARTMANN 37-150**  
C 128

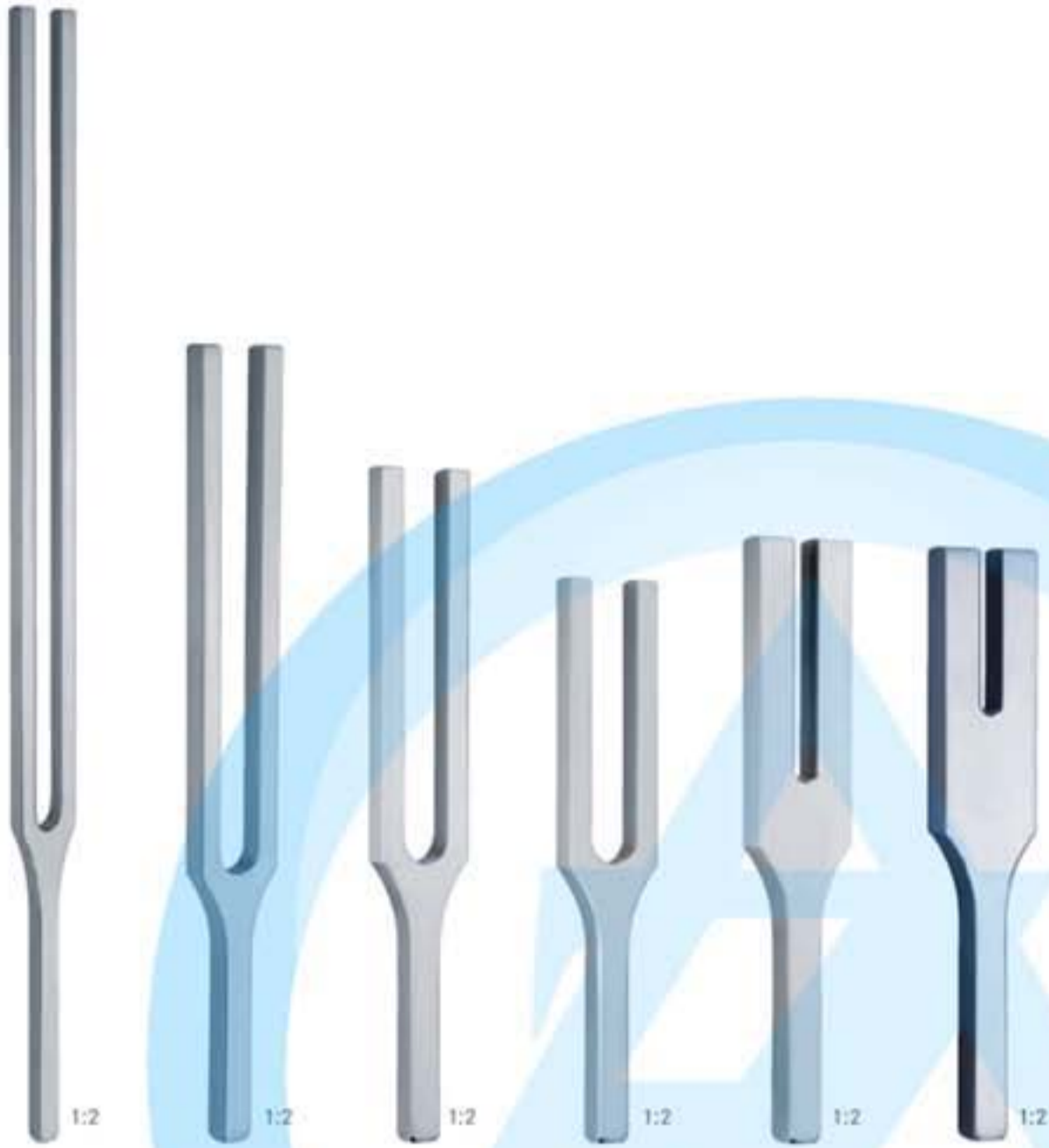
**HARTMANN 37-152**  
C1 256

**TUNING FORKS 37-154**  
a1 440

**FRENCH 37-156**  
C2 16

**FRENCH 37-158**  
C1 32

**RYDEL - SEIFFER 37-160**  
C 64 / C 128  
With Clamps C 64  
Without Clamps c 128



**SET IN CASE**  
**37-171**  
 5 - Pieces  
 (36-148, 36-150, 36-164,  
 36-166, 36-168)

<b>HARTMANN</b>	<b>HARTMANN</b>	<b>HARTMANN</b>	<b>HARTMANN</b>	<b>HARTMANN</b>	<b>HARTMANN</b>
<b>37-162</b>	<b>37-164</b>	<b>37-166</b>	<b>37-167</b>	<b>37-168</b>	<b>37-169</b>
C 128	C1 256	C2 512	C3 1024	C4 2048	C5 4096



**SET IN CASE**  
**37-179**  
 5 - Pieces  
 (36-173, 36-174, 36-175, 36-176, 36-177)

<b>ALU</b>	<b>ALU</b>	<b>ALU</b>	<b>ALU</b>	<b>ALU</b>
<b>37-173</b>	<b>37-174</b>	<b>37-175</b>	<b>37-176</b>	<b>37-177</b>
C 128	C1 256	C2 512	C3 1024	C4 2048





**BUCK**  
16.5cm  
Straight

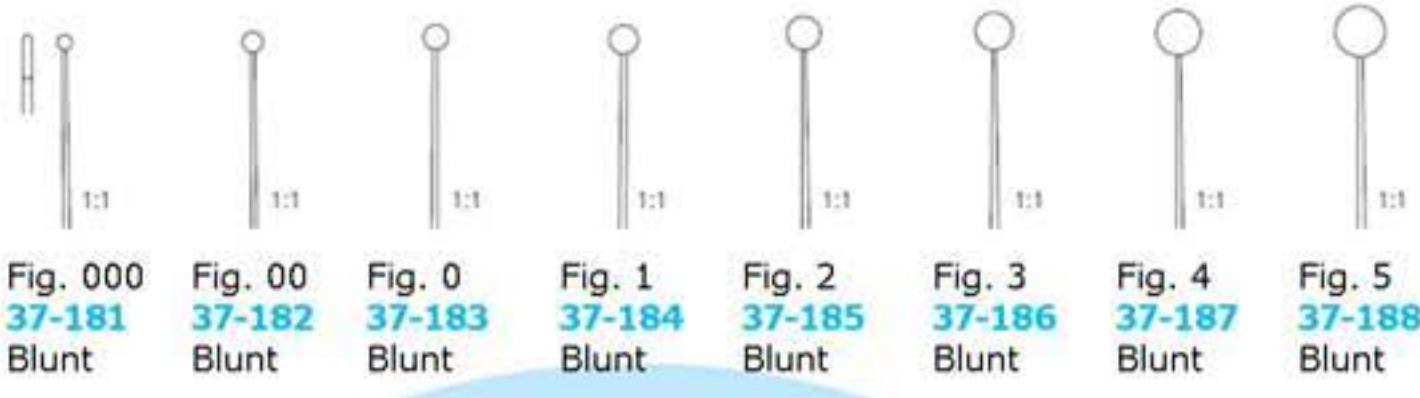


Fig. 000 **37-181** Blunt  
Fig. 00 **37-182** Blunt  
Fig. 0 **37-183** Blunt  
Fig. 1 **37-184** Blunt  
Fig. 2 **37-185** Blunt  
Fig. 3 **37-186** Blunt  
Fig. 4 **37-187** Blunt  
Fig. 5 **37-188** Blunt



Fig. 000 **37-191** Sharp  
Fig. 00 **37-192** Sharp  
Fig. 0 **37-193** Sharp  
Fig. 1 **37-194** Sharp  
Fig. 2 **37-195** Sharp  
Fig. 3 **37-196** Sharp  
Fig. 4 **37-197** Sharp  
Fig. 5 **37-198** Sharp



**BUCK**  
16.5cm  
Curved

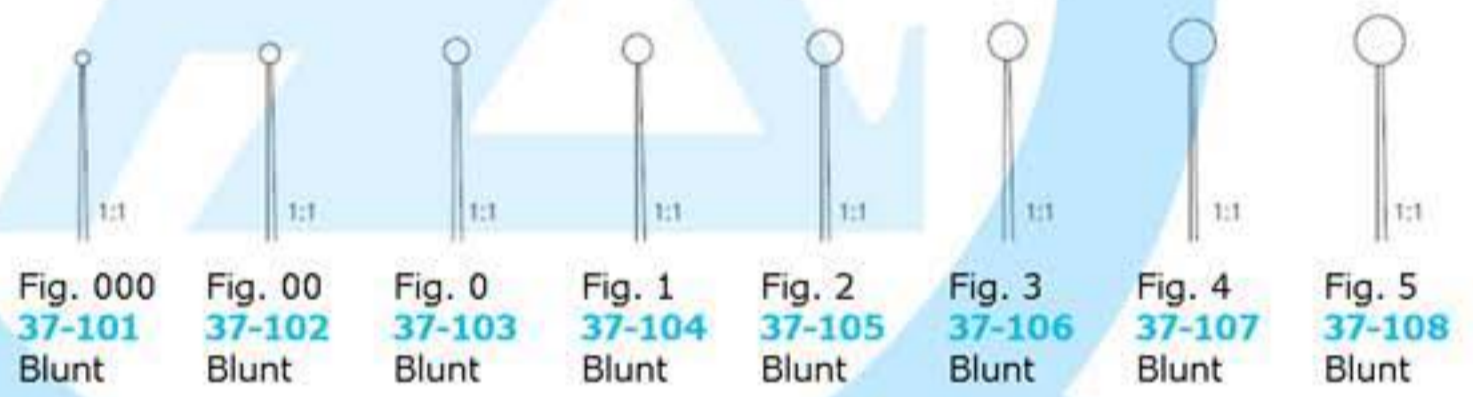
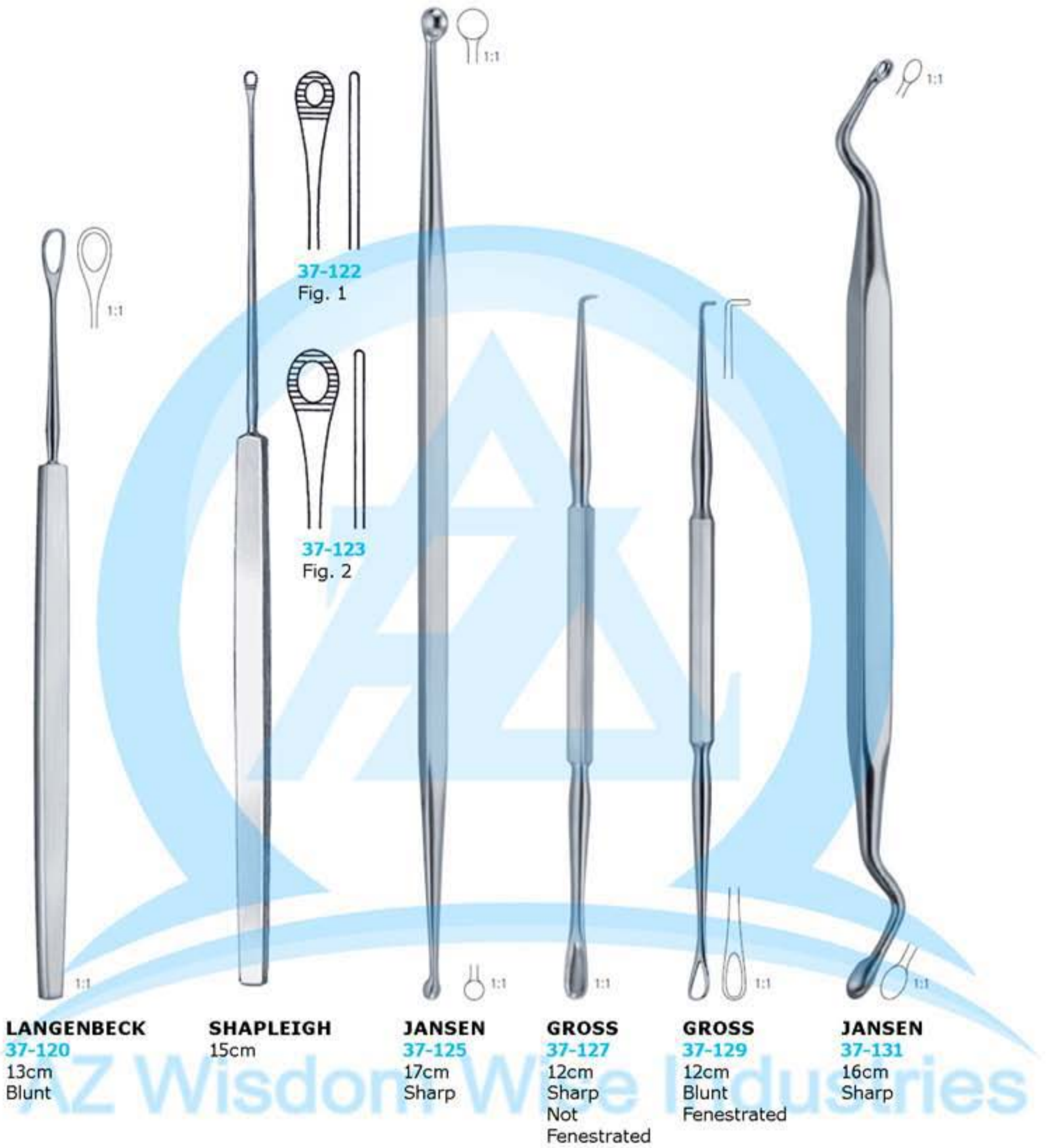


Fig. 000 **37-101** Blunt  
Fig. 00 **37-102** Blunt  
Fig. 0 **37-103** Blunt  
Fig. 1 **37-104** Blunt  
Fig. 2 **37-105** Blunt  
Fig. 3 **37-106** Blunt  
Fig. 4 **37-107** Blunt  
Fig. 5 **37-108** Blunt



Fig. 000 **37-111** Sharp  
Fig. 00 **37-112** Sharp  
Fig. 0 **37-113** Sharp  
Fig. 1 **37-114** Sharp  
Fig. 2 **37-115** Sharp  
Fig. 3 **37-116** Sharp  
Fig. 4 **37-117** Sharp  
Fig. 5 **37-118** Sharp

AZ Wisdom Wise Industries





**WEBER**  
 37-133  
 17cm  
 Foreign Body Loop



**BILLEAU**  
 37-135  
 16.5cm  
 Loop



**LUCAE**  
 37-139  
 14cm



**WAGENER**  
 37-140  
 14cm



**DAY**  
 37-141  
 16cm



**MUCK**  
 37-153  
 13.5cm



**GERZOG -  
 SEXTON**  
 37-155  
 17cm



**MOLDENHAUER**  
 37-157  
 16cm  
 Foreign Body Lever

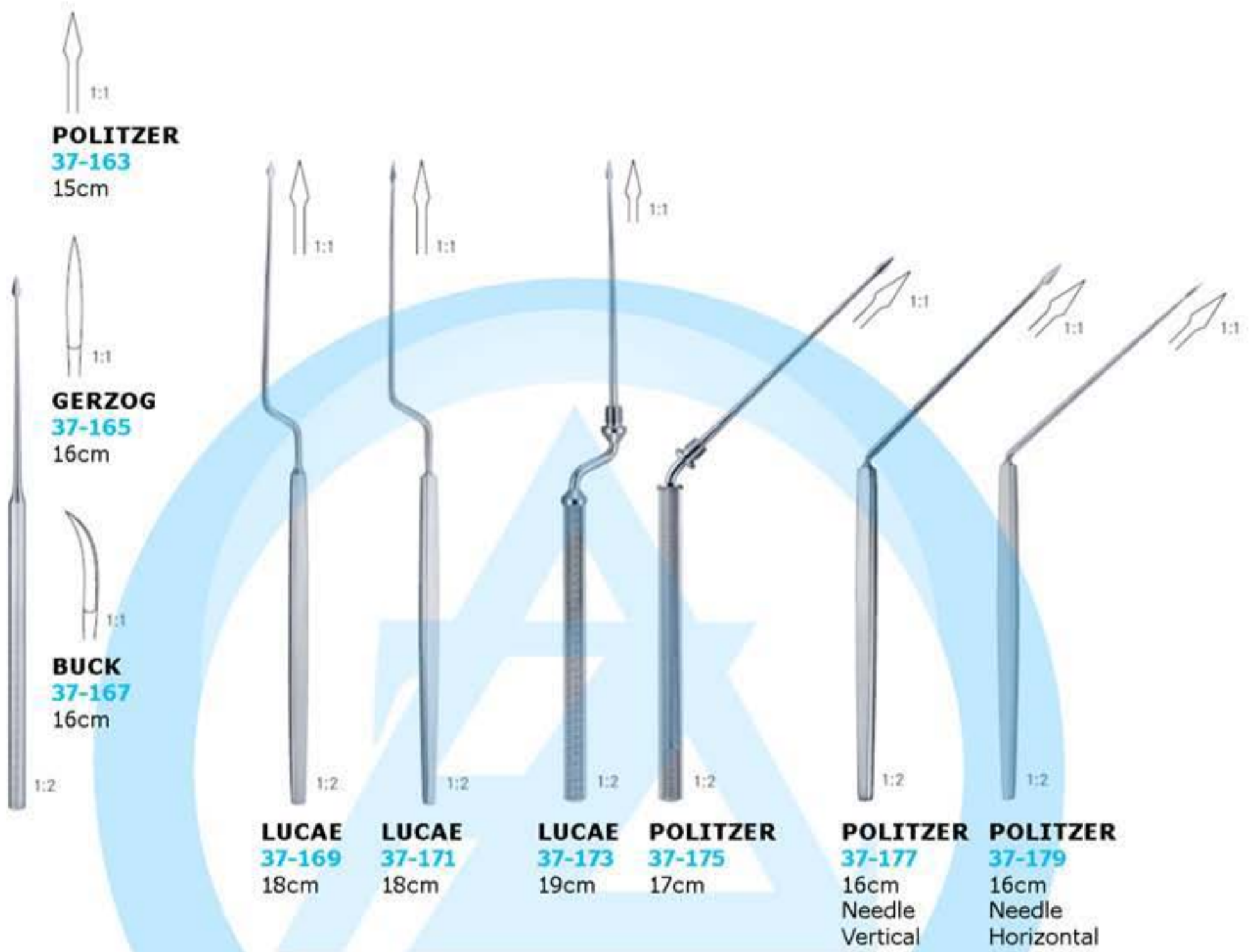


**ZAUFEL**  
 37-159  
 15cm  
 Foreign Body Lever



**HARTMANN**  
 37-161  
 16cm  
 Sharp Ear Hooklet

AZ Wisdom Wise Industries



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**EAR POLYPUS SNARES**

10m - 33ft.

**37-181**

0.3mm Ø

**37-182**

0.4mm Ø



**EAR POLYPUS SNARES**

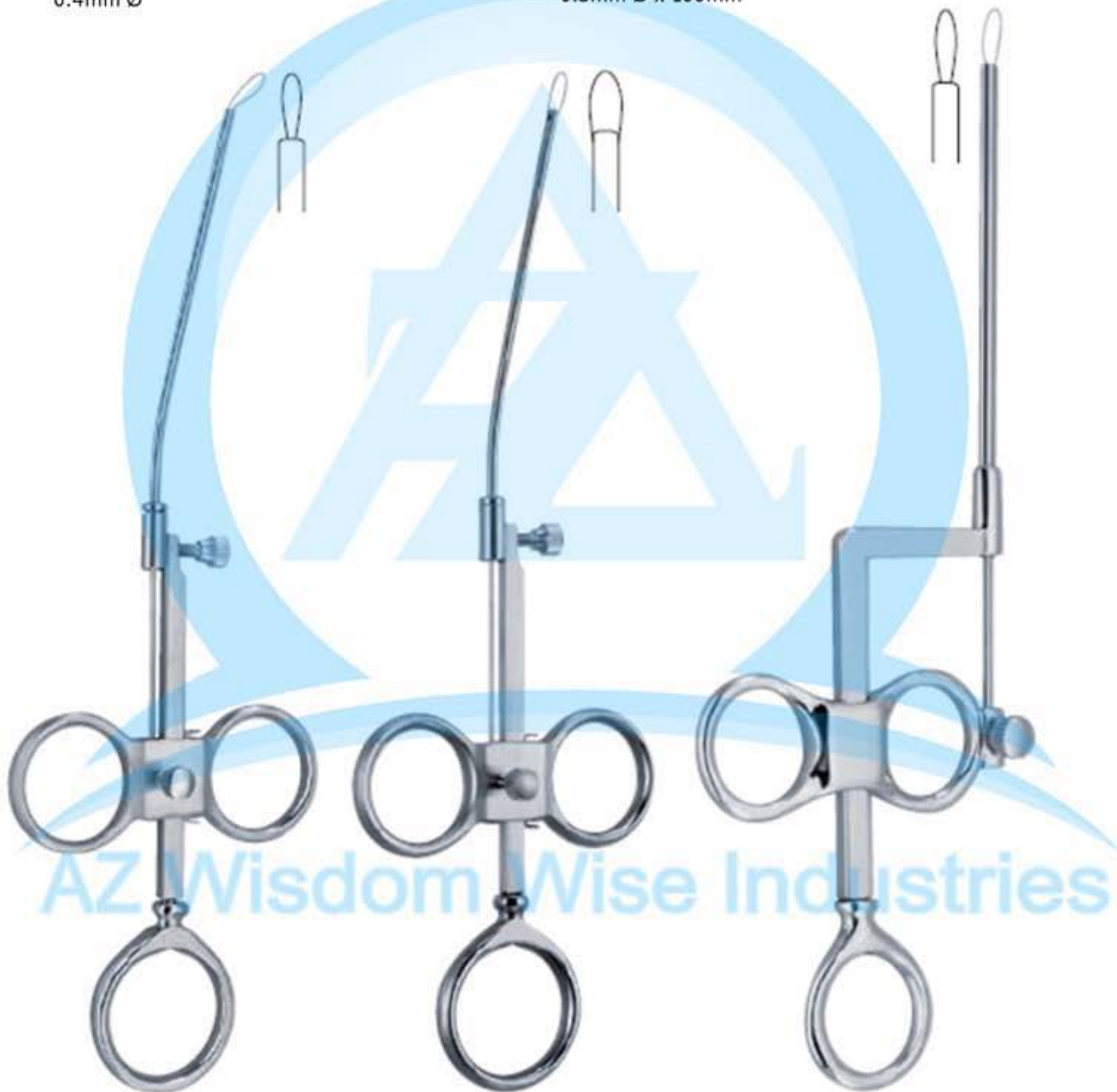
In Bundles Of 12 Pieces

**37-184**

0.2mm Ø x 75mm

**37-185**

0.3mm Ø x 100mm



**KRAUSE**

**37-187**

16cm

**KRAUSE - VOSS**

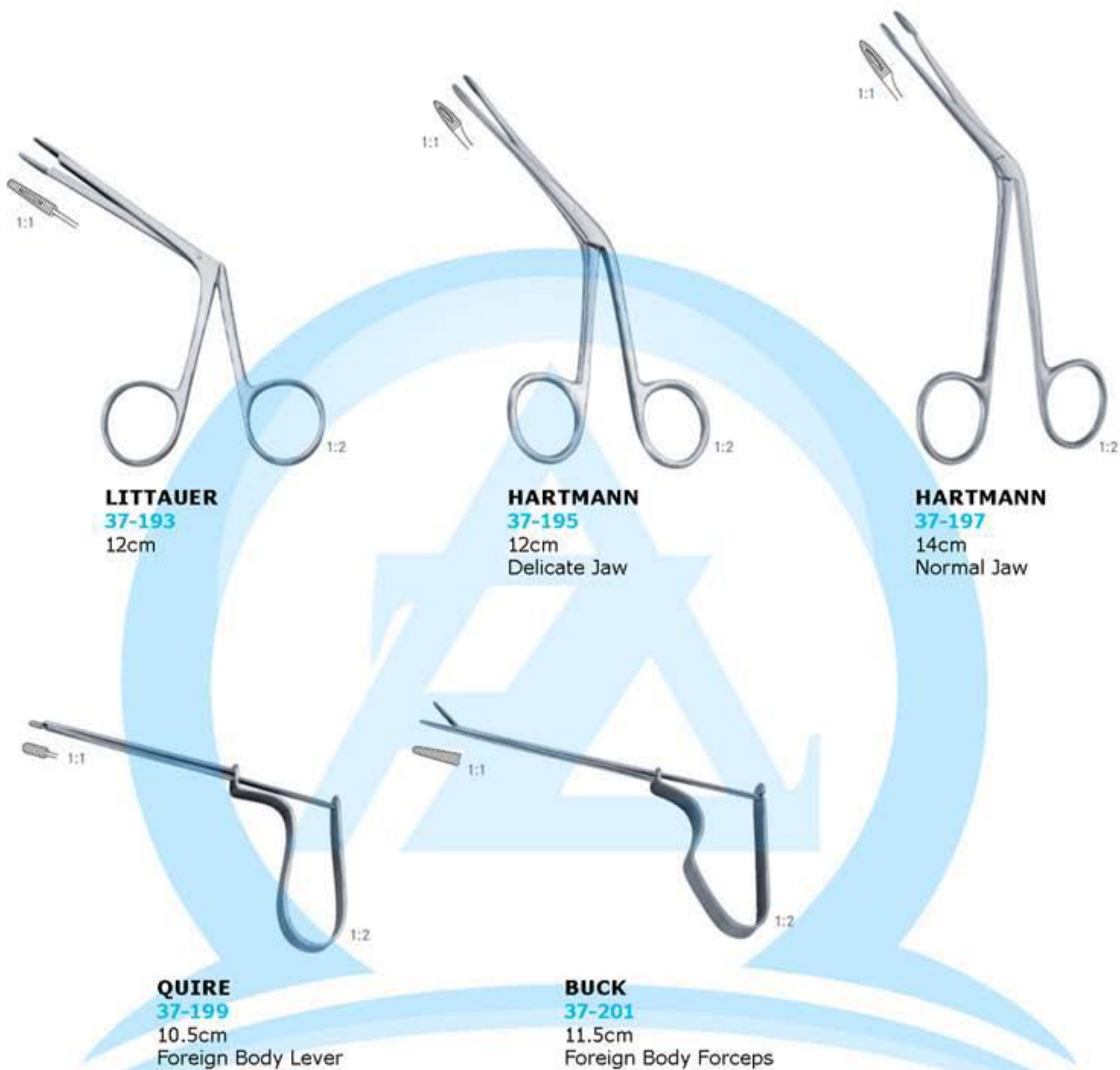
**37-189**

16cm

**LANGE - WILDE**

**37-191**

17cm



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 1:1 **STRUEMPEL 0°**  
37-203 = x = 85mm


 1:1 **STRUEMPEL 45°**  
37-204 = x = 85mm


 1:1 **STRUEMPEL 90°**  
37-205 = x = 85mm

 1:1  
**HARTMANN - WULLSTEIN**  
37-206 = x = 85mm

 1:1  
**HARTMANN 1x2 Teeth**  
37-207 = x = 85mm  
37-208 = x = 140mm

 1:1  
**HARTMANN - WEINGAERTNER**  
37-209 = x = 85mm


 1:1  
**HARTMANN**  
37-210 = x = 85mm  
37-211 = x = 140mm  
37-212 = x = 160mm


 1:1  
**HARTMANN - WULLSTEIN**  
37-213 = x = 85mm = 1mm Ø

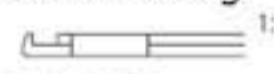
 1:1  
**HARTMANN - NOYES**  
37-214 = x = 90mm


 1:1  
**HARTMANN**  
37-215 = x = 85mm = 2mm Ø  
37-216 = x = 85mm = 2.5mm Ø  
37-217 = x = 85mm = 3mm Ø




 1:1  
**DIETER**  
37-220 = x = 80mm  
Malleus Nipper  
Up Cutting

 1:1  
**DIETER**  
37-221 = x = 80mm  
Malleus Nipper  
Down Cutting

 1:1  
**DIETER**  
37-222 = x = 80mm  
Malleus Nipper  
Right Cutting


 1:1  
**DIETER**  
37-223 = x = 80mm  
Malleus Nipper  
Left Cutting

 1:1  
**MCGEE**  
37-224 = 3.5x0.8mm  
Wire Bending Forceps

 1:1  
**FULLER**  
37-225 = 80mm  
Introducing Forceps For  
Teflon Prosthesis





 1:1  
**37-230**  
a = 3.5mm  
b = 0.6mm  
Straight, Smooth

 1:1  
**37-231**  
a = 3.5mm  
b = 0.6mm  
Straight, Serrated

 1:1  
**37-232**  
a = 4mm  
b = 0.8mm  
Straight, Smooth

 1:1  
**37-233**  
a = 4mm  
b = 0.8mm  
Straight, Serrated

 1:1  
**37-234**  
a = 3.5mm  
b = 0.6mm  
Curved Upwards, Serrated

**37-235**  
a = 4mm  
b = 0.8mm  
Curved Upwards, Serrated

 1:1  
**37-236**  
a = 3.5mm  
b = 0.6mm  
Curved To Right  
Serrated

 1:1  
**37-238**  
a = 3.5mm  
b = 0.6mm  
Curved To Right  
Serrated

 1:1  
**37-240**  
a = 3.5mm  
b = 0.6mm  
Curved To Right  
Serrated

**37-237**  
a = 4mm  
b = 0.8mm  
Curved To Right  
Serrated

**37-239**  
a = 4mm  
b = 0.8mm  
Curved To Right  
Serrated

**37-241**  
a = 4mm  
b = 0.8mm  
Curved To Right  
Serrated

**MINI MCGEE**  
x = 75mm





**37-243**  
a = 4mm  
b = 1mm  
c = 0.9mm  
Straight  
Oval



**37-244**  
a = 4mm  
b = 1mm  
c = 0.9mm  
Curved  
Upwards  
Oval



**37-245**  
a = 4mm  
b = 1mm  
c = 0.9mm  
Curved  
Downwards  
Oval



**37-246**  
a = 4mm  
b = 1mm  
c = 0.9mm  
Curved To Right  
Oval



**37-247**  
a = 4mm  
b = 1mm  
c = 0.9mm  
Curved To Left  
Oval

**MICRO CUP FORCEPS**  
x = 75mm



**37-250**  
a = 3.5mm  
b = 0.6mm  
c = 0.5mm



**37-252**  
a = 3.5mm  
b = 0.6mm  
c = 0.5mm

**37-251**  
a = 4mm  
b = 1mm  
c = 0.9mm  
Straight  
Oval



**37-253**  
a = 4mm  
b = 1mm  
c = 0.9mm  
Curved Upwards  
Oval



**37-254**  
a = 3.5mm  
b = 0.6mm  
c = 0.5mm  
**37-255**  
a = 4mm  
b = 1mm  
c = 0.9mm  
Curved To Right  
Oval



**37-256**  
a = 3.5mm  
b = 0.6mm  
c = 0.5mm  
**37-257**  
a = 4mm  
b = 1mm  
c = 0.9mm  
Curved To Left  
Oval



**MICRO CUP FORCEPS**  
x = 80mm



**37-259**  
 a = 4mm  
 b = 0.8mm  
 Straight  
 Sharp/Sharp



**37-261**  
 a = 4mm  
 b = 0.8mm  
 Curved Upwards  
 Blunt/Blunt



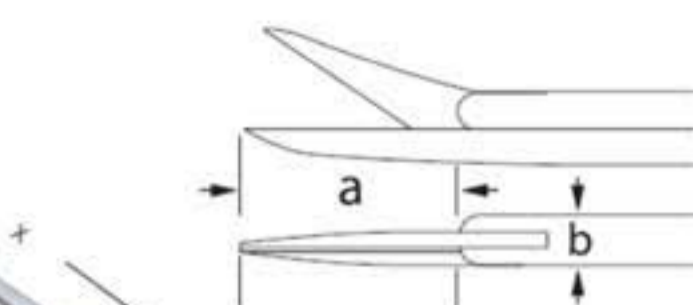
**37-263**  
 a = 4mm  
 b = 0.8mm  
 Curved To Right  
 Sharp/Sharp



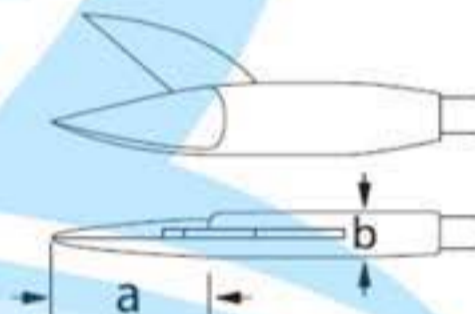
**37-265**  
 a = 4mm  
 b = 0.8mm  
 Curved To Left  
 Sharp/Sharp



**37-267**  
 a = 4mm  
 b = 0.8mm  
 Straight  
 Sharp/Blunt



**BELUCCI**  
 x = 75mm  
 Very Fine



**37-269**  
 a = 4mm  
 b = 0.8mm  
 Straight  
 Sharp/Sharp

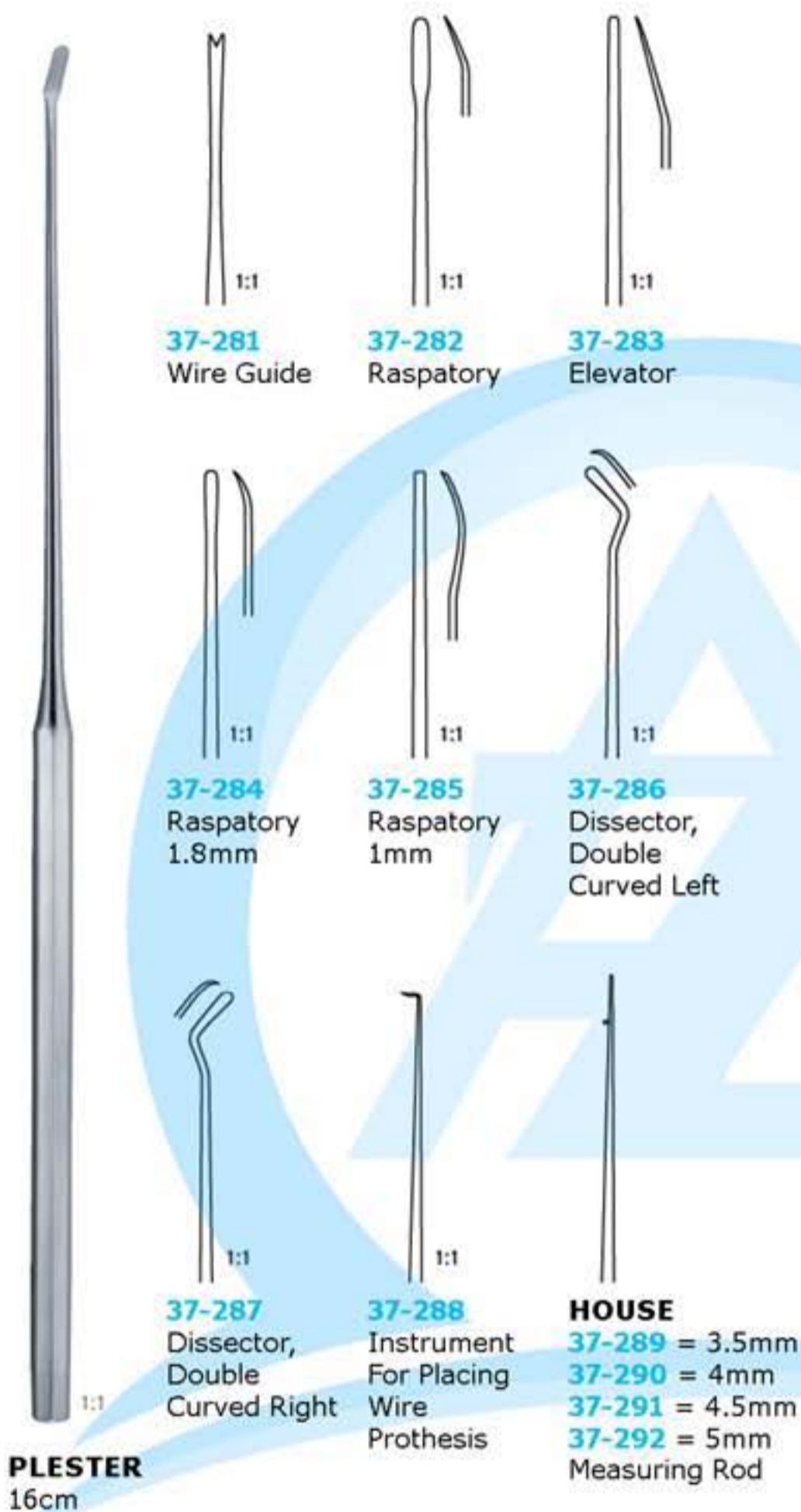
**37-271**  
 a = 4mm  
 b = 0.8mm  
 Curved Upwards  
 Sharp/Sharp

**37-273**  
 a = 4mm  
 b = 0.8mm  
 Curved To Right  
 Sharp/Sharp

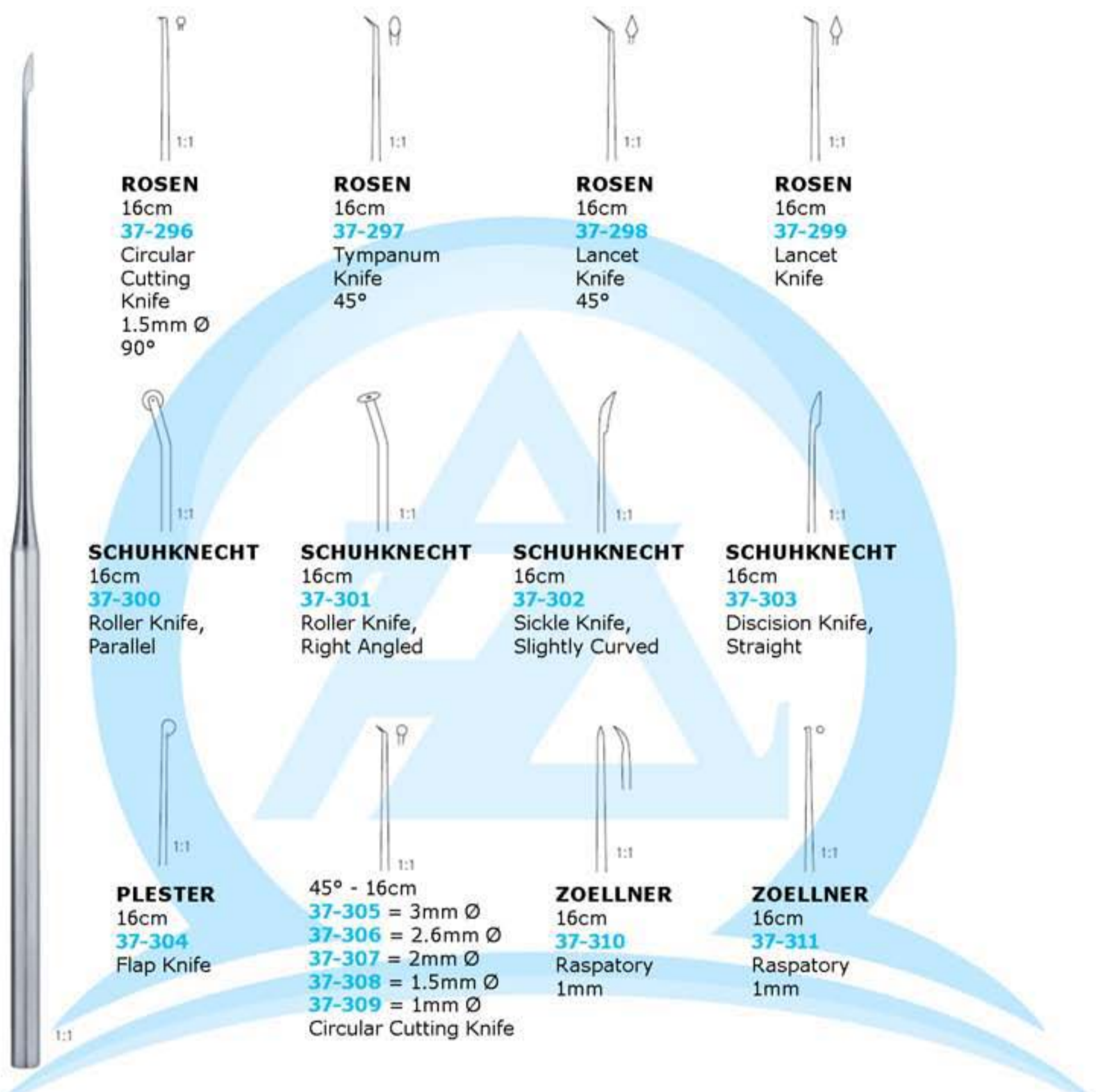
**37-275**  
 a = 4mm  
 b = 0.8mm  
 Curved To Left  
 Sharp/Sharp













**WULLSTEIN**  
 x = 80mm

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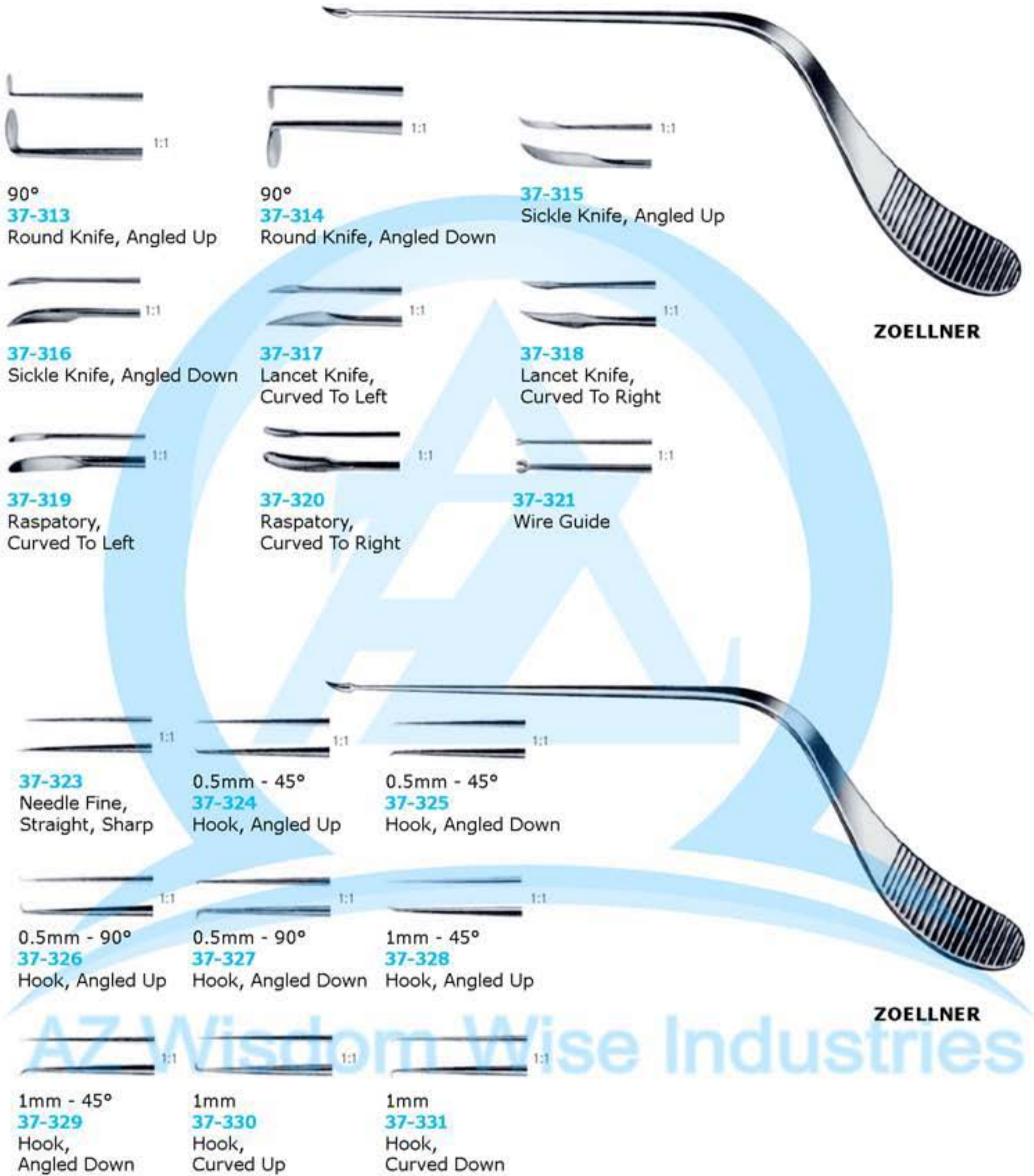


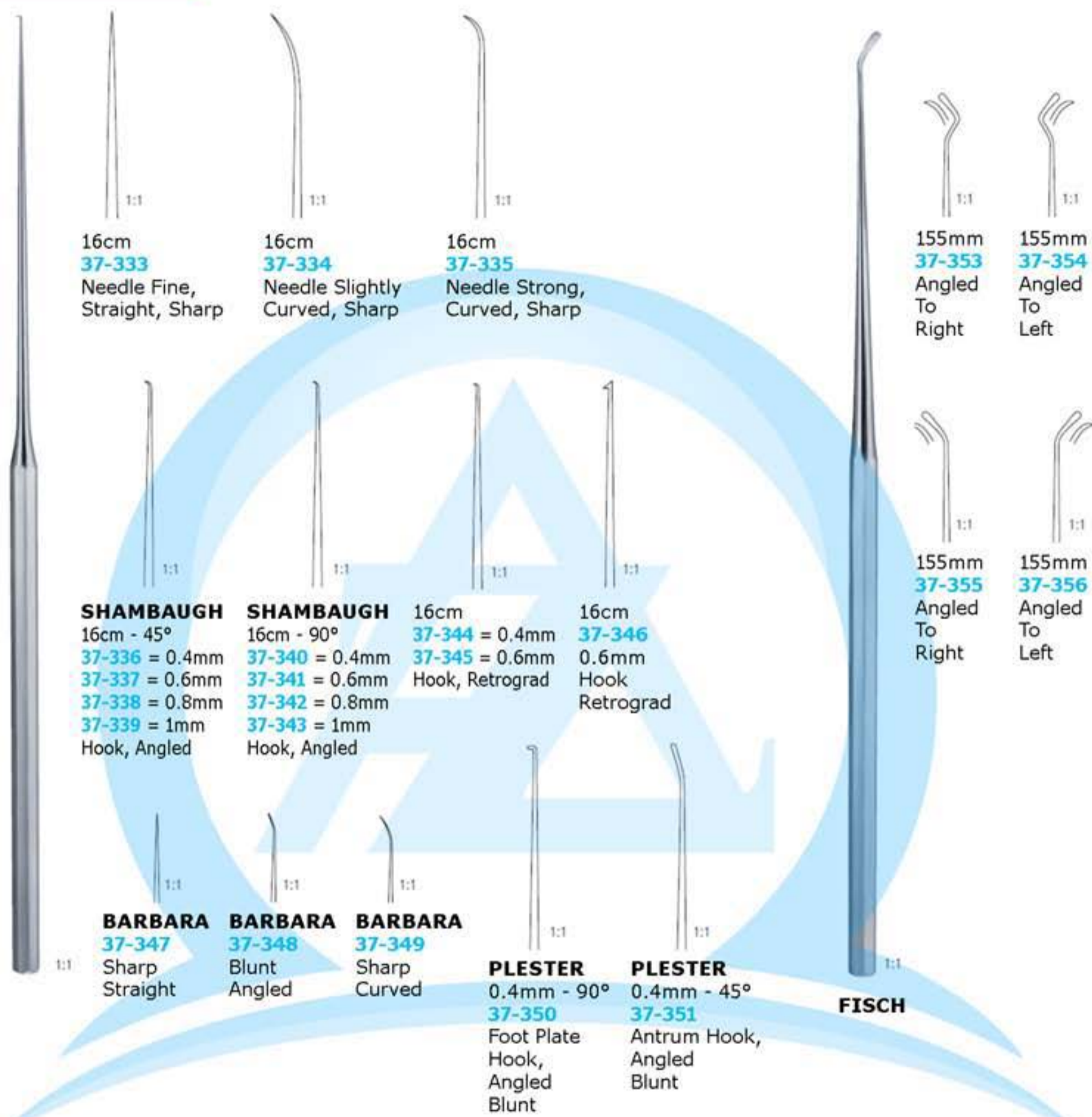
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 <p><b>ROSEN</b>          16cm  <b>37-296</b>          Circular Cutting Knife          1.5mm Ø          90°</p>	 <p><b>ROSEN</b>          16cm  <b>37-297</b>          Tympanum Knife          45°</p>	 <p><b>ROSEN</b>          16cm  <b>37-298</b>          Lancet Knife          45°</p>	 <p><b>ROSEN</b>          16cm  <b>37-299</b>          Lancet Knife</p>
 <p><b>SCHUHKNECHT</b>          16cm  <b>37-300</b>          Roller Knife, Parallel</p>	 <p><b>SCHUHKNECHT</b>          16cm  <b>37-301</b>          Roller Knife, Right Angled</p>	 <p><b>SCHUHKNECHT</b>          16cm  <b>37-302</b>          Sickle Knife, Slightly Curved</p>	 <p><b>SCHUHKNECHT</b>          16cm  <b>37-303</b>          Discision Knife, Straight</p>
 <p><b>PLESTER</b>          16cm  <b>37-304</b>          Flap Knife</p>	 <p>45° - 16cm  <b>37-305</b> = 3mm Ø  <b>37-306</b> = 2.6mm Ø  <b>37-307</b> = 2mm Ø  <b>37-308</b> = 1.5mm Ø  <b>37-309</b> = 1mm Ø          Circular Cutting Knife</p>	 <p><b>ZOELLNER</b>          16cm  <b>37-310</b>          Raspatory          1mm</p>	 <p><b>ZOELLNER</b>          16cm  <b>37-311</b>          Raspatory          1mm</p>

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**SHAMBAUGH**  
16cm - 90°  
37-358 = 0.3mm  
37-359 = 0.6mm  
37-360 = 1mm  
Hook, Curved Up

**SHAMBAUGH**  
16cm - 90°  
37-361 = 0.3mm  
37-362 = 0.6mm  
37-363 = 1mm  
Hook, Curved Down

**BARBARA**  
15.5mm  
37-364  
0.5mm  
Needle Straight

**ROSEN**  
16mm  
37-365  
0.5mm  
Needle Slightly Curved

**MC GEE**  
16cm  
37-366 = 0.5mm  
37-367 = 1mm  
Hook, Round, Curved Up

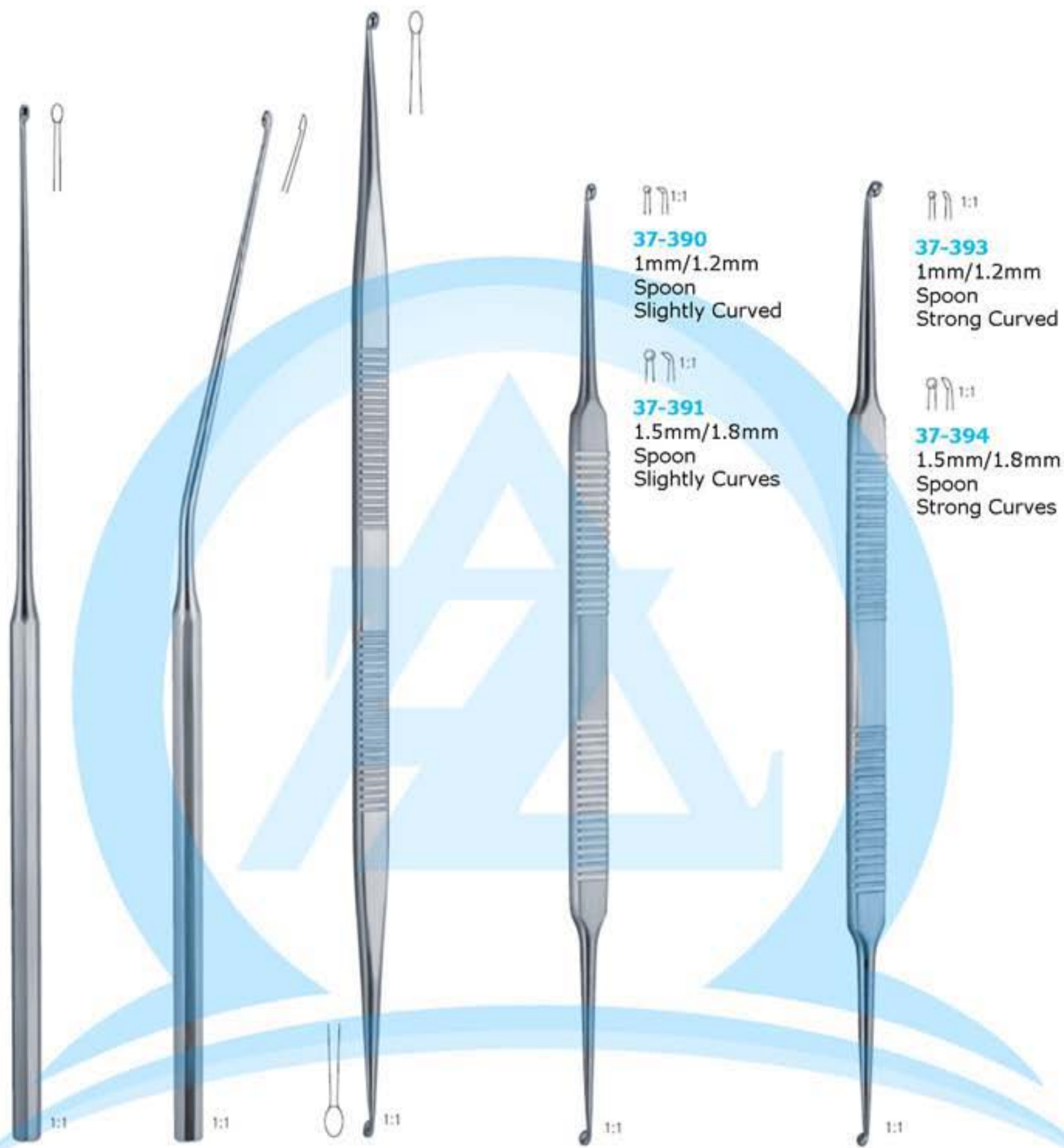
**MC GEE**  
16cm  
37-368 = 0.5mm  
37-369 = 1mm  
Hook, Round, Curved Down

**MC GEE**  
16cm - 25°  
37-370 = 0.3mm  
37-371 = 0.6mm  
37-372 = 1mm  
Hook, Curved Up

**MC GEE**  
16cm - 25°  
37-373 = 0.3mm  
37-374 = 0.6mm  
37-375 = 1mm  
Hook, Curved Down

**MC GEE**  
16cm - 45°  
37-376 = 0.3mm  
37-377 = 0.6mm  
37-378 = 1mm  
Hook, Curved Up

**MC GEE**  
16cm - 45°  
37-379 = 0.3mm  
37-380 = 0.6mm  
37-381 = 1mm  
Hook, Curved Down



**SHEA**  
 16cm  
 37-383  
 1.5x2.5mm  
 Straight

**SHEA**  
 16cm  
 37-385  
 1.5x2.5mm  
 Curved

**HOUSE**  
 17cm  
 37-387  
 Spoon  
 Strong Curved  
 37-388  
 Spoon  
 Slightly Curves

**HOUSE**  
 15cm

37-390  
 1mm/1.2mm  
 Spoon  
 Slightly Curved

37-391  
 1.5mm/1.8mm  
 Spoon  
 Slightly Curves

37-393  
 1mm/1.2mm  
 Spoon  
 Strong Curved

37-394  
 1.5mm/1.8mm  
 Spoon  
 Strong Curves

**HOUSE**  
 15cm



0.7mm **37-396** Chisel  
0.7mm **37-397** Gouge  
1mm **37-398** Gouge  
1.5mm **37-399** Gouge  
3mm **37-400** Gouge

**HEERMANN**



**HEERMANN**  
**37-402**  
Handle For Chisels  
**37-396 To 37-400**



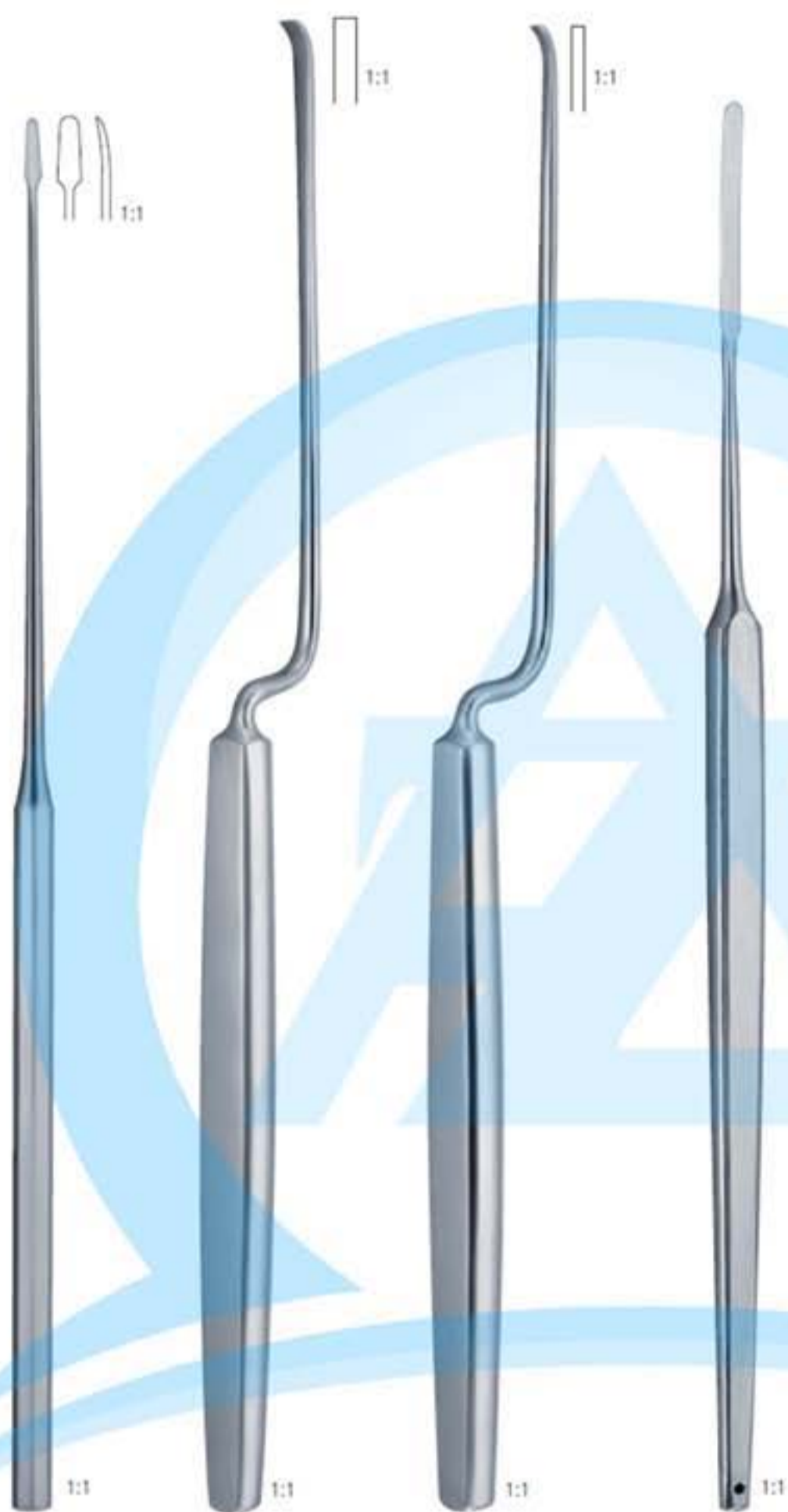
**HEERMANN**  
**37-404**  
19.5cm  
Metal Hammer



**COTTLE** 250gm  
**37-406**  
19cm  
Metal Hammer

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**WULLSTEIN**

16cm  
37-408  
Straight  
37-409  
Curved

**ROSEN**

2.5mm  
37-411  
17.5cm  
Bayonet  
Shaped

**ROSEN**

1.5mm  
37-413  
17.5cm  
Bayonet  
Shaped

**LEMPERT**

3mm  
37-415  
16cm

37-417  
3x3mm

37-418  
4x4mm

37-419  
5x5mm

37-420  
6x6mm



**KERRISON**  
x = 80mm  
20cm



**CITELLI**  
x = 60mm  
17cm

37-422  
1.5mm

37-423  
2.2mm

37-424  
3mm



**BEYER**  
2mm  
37-428  
19cm



**BEYER**  
1mm  
37-426  
14cm

Rhinologie  
Rhinology  
Rinología  
Rhinologie  
Rinologia

**38**

**482 - 510**





**THUDICHUM  
(GOLDSMITH)**  
6.5cm



**38-001**  
21x9.5mm



**38-002**  
21x10.5mm



**38-003**  
21x11.5mm



**HARTMANN - HALLE**  
15cm



**38-005**  
Fig. 1



**38-006**  
Fig. 2



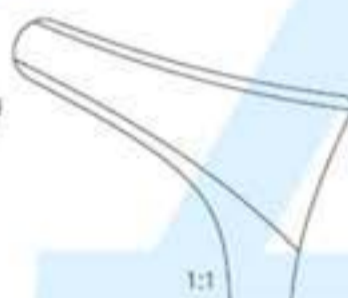
**38-007**  
Fig. 3



**HARTMANN**  
16cm



**38-009**  
Fig. 1



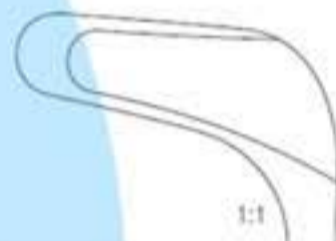
**38-010**  
Fig. 2



**38-011**  
Fig. 3



**SCHWARZ**  
**38-013**  
14cm



1:1



**TIECK - HALLE**  
13.5cm  
**38-015**  
For Babies



1:1



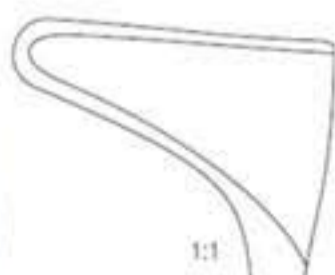
**KILLIAN**  
13cm



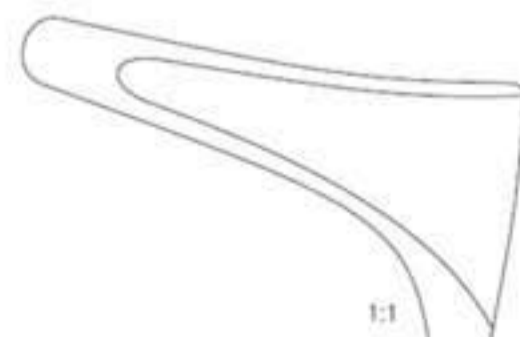
x = 75mm  
**38-019**



x = 90mm  
**38-020**



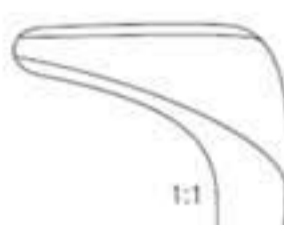
x = 35mm  
**38-017**



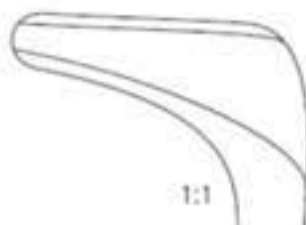
x = 50mm  
**38-018**



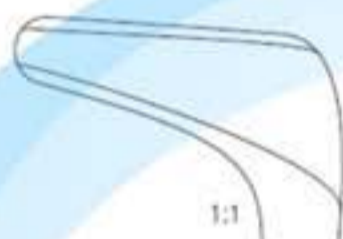
**BECKMANN**  
15cm



**38-022**  
Fig. 1



**38-023**  
Fig. 2



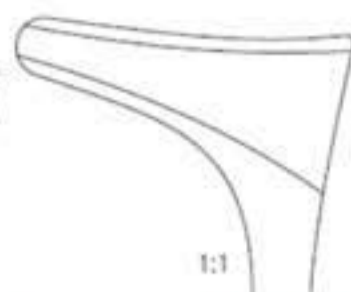
**38-024**  
Fig. 3



**VIENNA MODELL**  
14.5cm



**38-026**  
Fig. 1



**38-027**  
Fig. 2



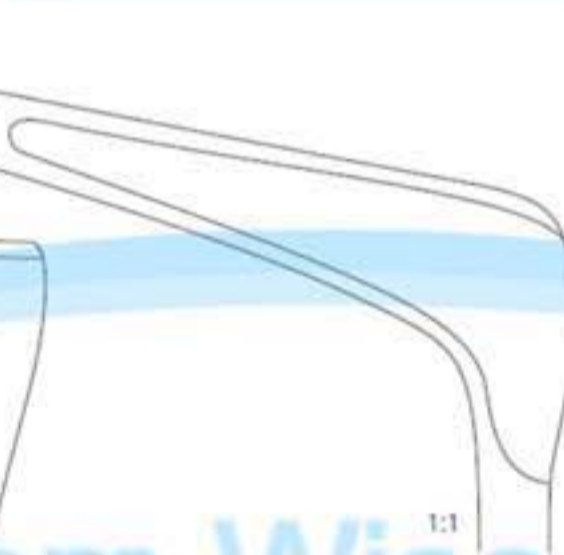
**38-028**  
Fig. 3



**COTTLE**  
15cm



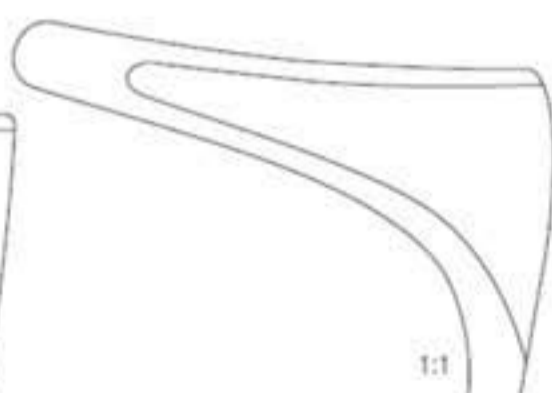
**38-032**  
x = 75mm



**38-033**  
x = 90mm



**38-030**  
x = 35mm



**38-031**  
x = 50mm



**MARTIN**  
13cm  
**38-034**  
Straight  
For Children



**MARTIN**  
13cm  
**38-035**  
Side Curved  
For Children



**VOLTOLINI**



AZ Wisdom Wise Industries



**WESTMACOTT**  
38-041  
20cm



**LUBET - BARBOM**  
38-043  
20cm



**HEYMANN - KNIGHT**  
38-045  
18cm



**CRAIG**  
38-047  
18cm



**LITTAUER**  
38-049  
18cm



**KNIGHT**  
38-051  
18cm



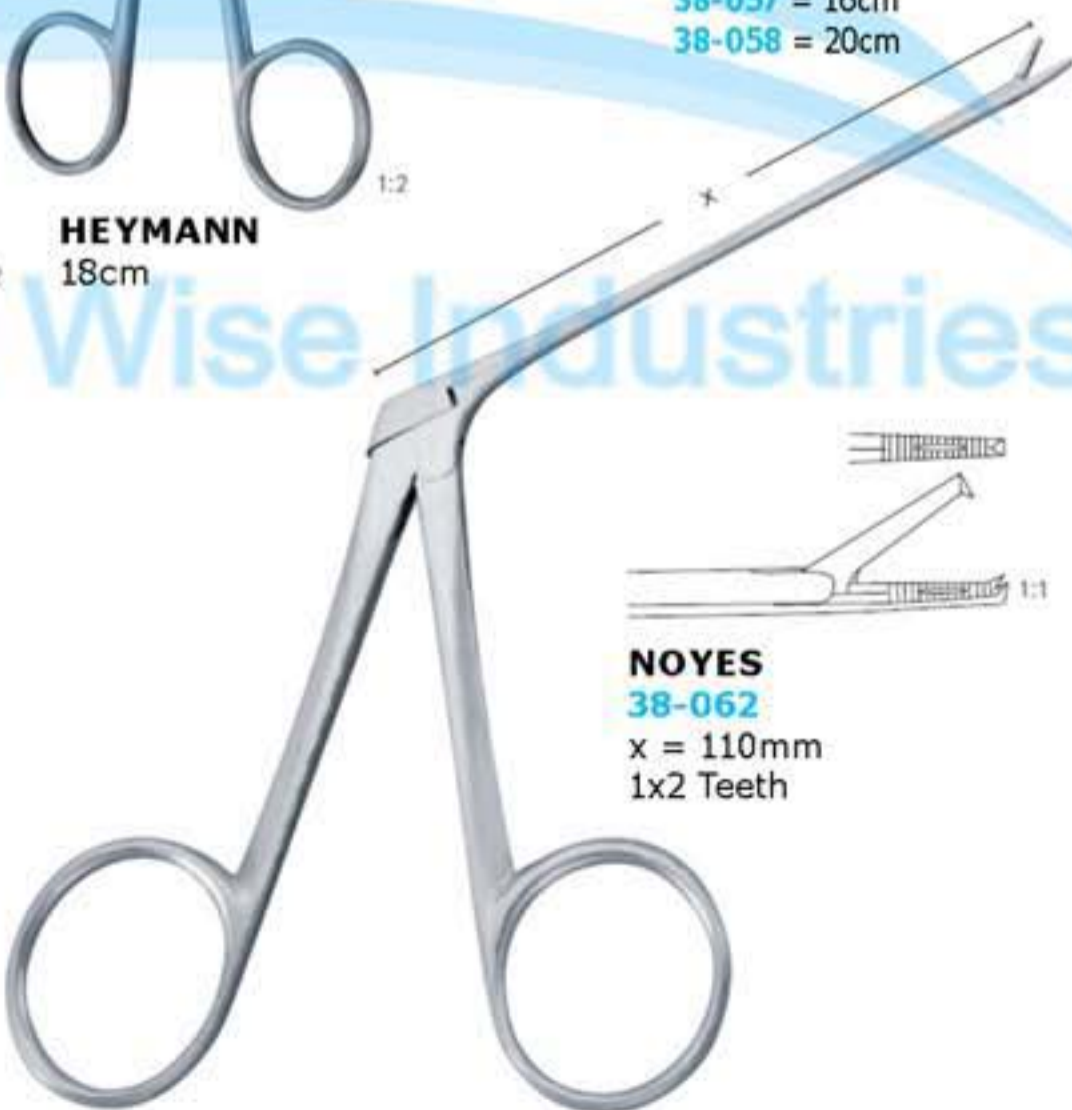
**HEYMANN**  
18cm



**HARTMANN**  
38-057 = 16cm  
38-058 = 20cm



**TILLEY**  
38-060  
14cm



**NOYES**  
38-062  
x = 110mm  
1x2 Teeth



**LUC**  
20cm



**38-064**  
Fig. 1  
Fenestrated



**38-065**  
Fig. 2  
Fenestrated



**38-066**  
Fig. 1  
Plain



**38-067**  
Fig. 2  
Plain



**TAKAHASHI**  
x = 120mm



**38-069**  
3.5x10mm  
Straight



**38-070**  
3.5x10mm  
Curved, Upward



**BRUENINGS**  
19cm



**38-072**  
Fig. 1



**38-073**  
Fig. 2



**38-074**  
Fig. 3



**38-075**  
Fig. 4



x = 120mm



**WEIL**  
**38-077**



**WATSON - WILLIAMS**  
**38-078**







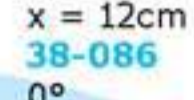
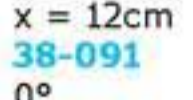
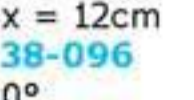
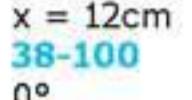

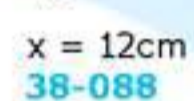
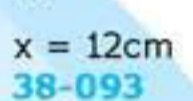


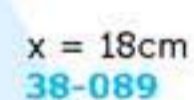
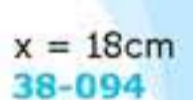

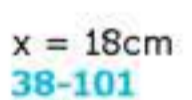


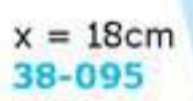



**WATSON - WILLIAMS**  
**38-079**







**WEIL - BLAKESLEY**

Fig. 1 a = 3mm	Fig. 2 a = 3.5mm	Fig. 3 a = 4.5mm	Fig. 4 a = 5mm	Fig. 5 a = 5.5mm
				
x = 12cm <b>38-081</b> 0°	x = 12cm <b>38-086</b> 0°	x = 12cm <b>38-091</b> 0°	x = 12cm <b>38-096</b> 0°	x = 12cm <b>38-100</b> 0°
				
x = 12cm <b>38-082</b> 45°	x = 12cm <b>38-087</b> 45°	x = 12cm <b>38-092</b> 45°	x = 12cm <b>38-097</b> 45°	
				
x = 12cm <b>38-083</b> 90°	x = 12cm <b>38-088</b> 90°	x = 12cm <b>38-093</b> 90°		
				
x = 18cm <b>38-084</b> 45°	x = 18cm <b>38-089</b> 45°	x = 18cm <b>38-094</b> 45°	x = 18cm <b>38-098</b> 45°	x = 18cm <b>38-101</b> 45°
				
x = 18cm <b>38-085</b> 90°	x = 18cm <b>38-090</b> 90°	x = 18cm <b>38-095</b> 90°	x = 18cm <b>38-099</b> 90°	



HARTMANN <b>38-103</b> Fig. 1 x = 120mm	HARTMANN <b>38-104</b> Fig. 2 x = 120mm	HARTMANN <b>38-105</b> Fig. 3 x = 120mm	HARTMANN <b>38-106</b> Fig. 4 x = 120mm
			

MYLES x = 120mm	<b>38-108</b> Fig. 1 2x10mm	<b>38-109</b> Fig. 2 2.5x12mm	<b>38-110</b> Fig. 3 3x14mm
			



SCHMEDEN x = 120mm	<b>38-112</b> Fig. 1	<b>38-113</b> Fig. 2	<b>38-114</b> Fig. 3
			

TOMATI <b>38-116</b> x = 120mm	STRUYCKEN x = 120mm	
		
	<b>0.9mm</b>	<b>1.2mm</b>

HENKE <b>38-121</b> x = 120mm




**38-123**  
x = 100mm  
y = 3mm  
Straight Vertical,  
Double Action



**38-124**  
x = 100mm  
y = 3mm  
Straight Horizontal,  
Double Action  
**38-125**  
x = 100mm  
y = 3mm  
Straight Horizontal,  
Single Action



**38-126**  
x = 100mm  
y = 3mm  
110° Horizontal,  
Double Action

**NASAL CUTTING FORCEPS**



**38-127**  
x = 100mm  
y = 3mm  
45° Vertical,  
Double Action



**38-128**  
x = 100mm  
y = 3mm  
70° Vertical,  
Double Action



**38-130**  
x = 100mm  
y = 3mm  
45° horizontal,  
Double Action



**38-132**  
x = 100mm  
y = 3mm  
70° horizontal,  
Double Action



**38-129**  
x = 100mm  
y = 3mm  
70° Vertical,  
Single Action,  
Short



**38-131**  
x = 100mm  
y = 3mm  
45° Vertical,  
Single Action,  
Short



**38-133**  
x = 100mm  
y = 3mm  
70° Horizontal,  
Single Action,  
Short



**38-135**  
x = 100mm  
y = 4mm  
45° Vertical,  
Double Action



**38-137**  
x = 100mm  
y = 4mm  
70° Vertical,  
Double Action

**NASAL CUTTING FORCEPS**



**38-136**  
x = 100mm  
y = 4mm  
45° Vertical,  
Single Action,  
Short / Short



**38-138**  
x = 100mm  
y = 4mm  
70° Vertical,  
Single Action,  
Short / Short



**38-139**  
x = 100mm  
y = 4mm  
45° Horizontal,  
Double Action, Short



**38-140**  
x = 100mm  
y = 4mm  
70° Horizontal,  
Double Action, Short



**NASAL SCISSORS**  
x = 135mm

**38-142**  
Fig. 1  
Serrated, Straight



**38-143**  
Fig. 2  
Serrated, Right



**38-144**  
Fig. 3  
Serrated, Left



AZ Wisdom Wise Industries



**CIRCULAR FORCEPS**

x = 180mm

Straight

**38-146**

3.5mm Ø

**38-147**

4.5mm Ø

Curved

**38-148**

3.5mm Ø

**38-149**

4.5mm Ø

**CIRCULAR FORCEPS**

x = 100mm

1.5x4.5mm

Fig. 1

**38-151**

Backward,  
Up - Cutting

Fig. 2

**38-152**

Backward,  
Cut To The Right

Fig. 3

**38-153**

Backward,  
Cut To The Left

AZ Wisdom Wise Industries



**HAJEK**  
x = 140mm  
**38-155**  
4x4mm  
Cutting  
Up Ward

**HAJEK - KOFLER**  
x = 140mm  
**38-157**  
3.5x3.5mm  
Cutting  
Upward



**HAJEK**  
x = 140mm  
**38-156**  
4x4mm  
Cutting  
Downward

**HAJEK - KOFLER**  
x = 140mm  
**38-158**  
3.5x3.5mm  
Cutting  
Downward



**HAJEK - CLAUS**  
**38-160**  
20cm



**HAJEK - KOFLER**  
x = 180mm  
**38-162**  
3.5mm Cutting  
Shaft Rotates 360°



**KERRISON**  
x = 90mm  
20cm

**38-164**  
4x4mm

**38-165**  
5x5mm

**38-166**  
6x6mm

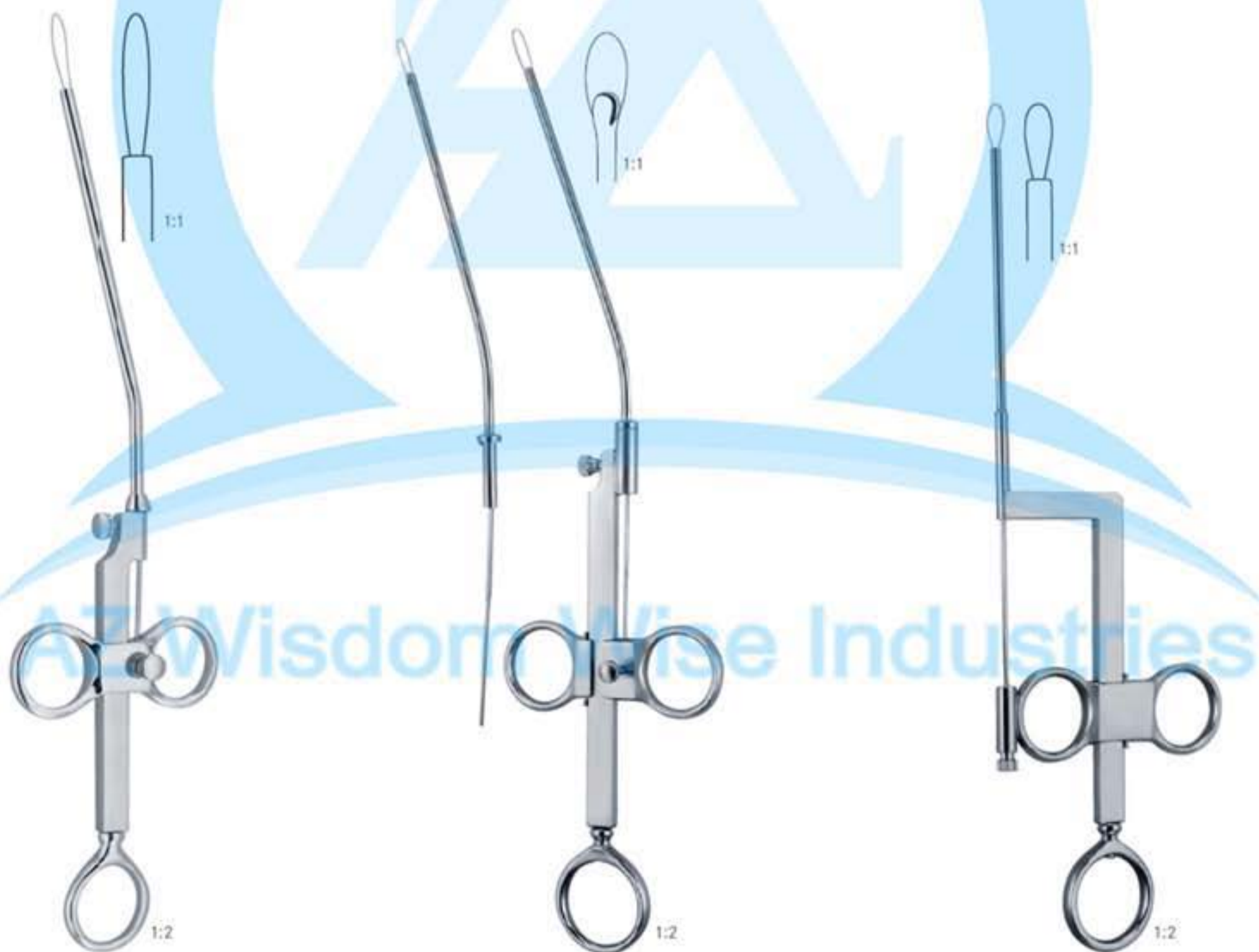


**NASAL POLYPUS SNARES**

**38-168**

0.3mm Ø x 100mm

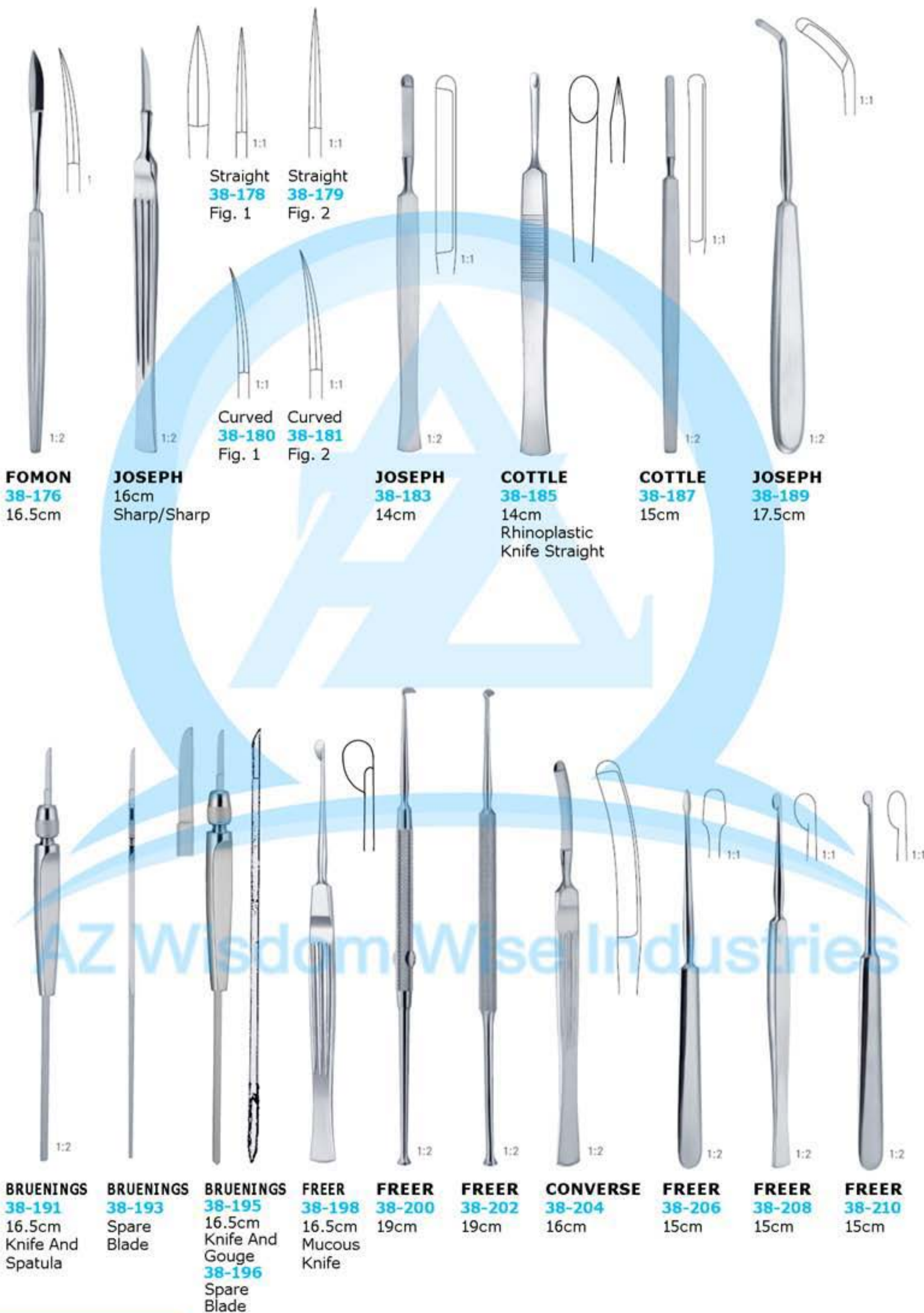
In Bundles Of 12 Pieces



**KRAUSE**  
**38-170**  
26cm

**KRAUSE - VOSS**  
**38-172**  
26cm  
With 2 Inserts

**LANGE - WILDE**  
**38-174**  
24cm



**FOMON**  
**38-176**  
16.5cm

**JOSEPH**  
16cm  
Sharp/Sharp

**JOSEPH**  
**38-183**  
14cm

**COTTLE**  
**38-185**  
14cm  
Rhinoplastic  
Knife Straight

**COTTLE**  
**38-187**  
15cm

**JOSEPH**  
**38-189**  
17.5cm

**BRUENINGS**  
**38-191**  
16.5cm  
Knife And  
Spatula

**BRUENINGS**  
**38-193**  
Spare  
Blade

**BRUENINGS**  
**38-195**  
16.5cm  
Knife And  
Gouge  
**38-196**  
Spare  
Blade

**FREER**  
**38-198**  
16.5cm  
Mucous  
Knife

**FREER**  
**38-200**  
19cm

**FREER**  
**38-202**  
19cm

**CONVERSE**  
**38-204**  
16cm

**FREER**  
**38-206**  
15cm

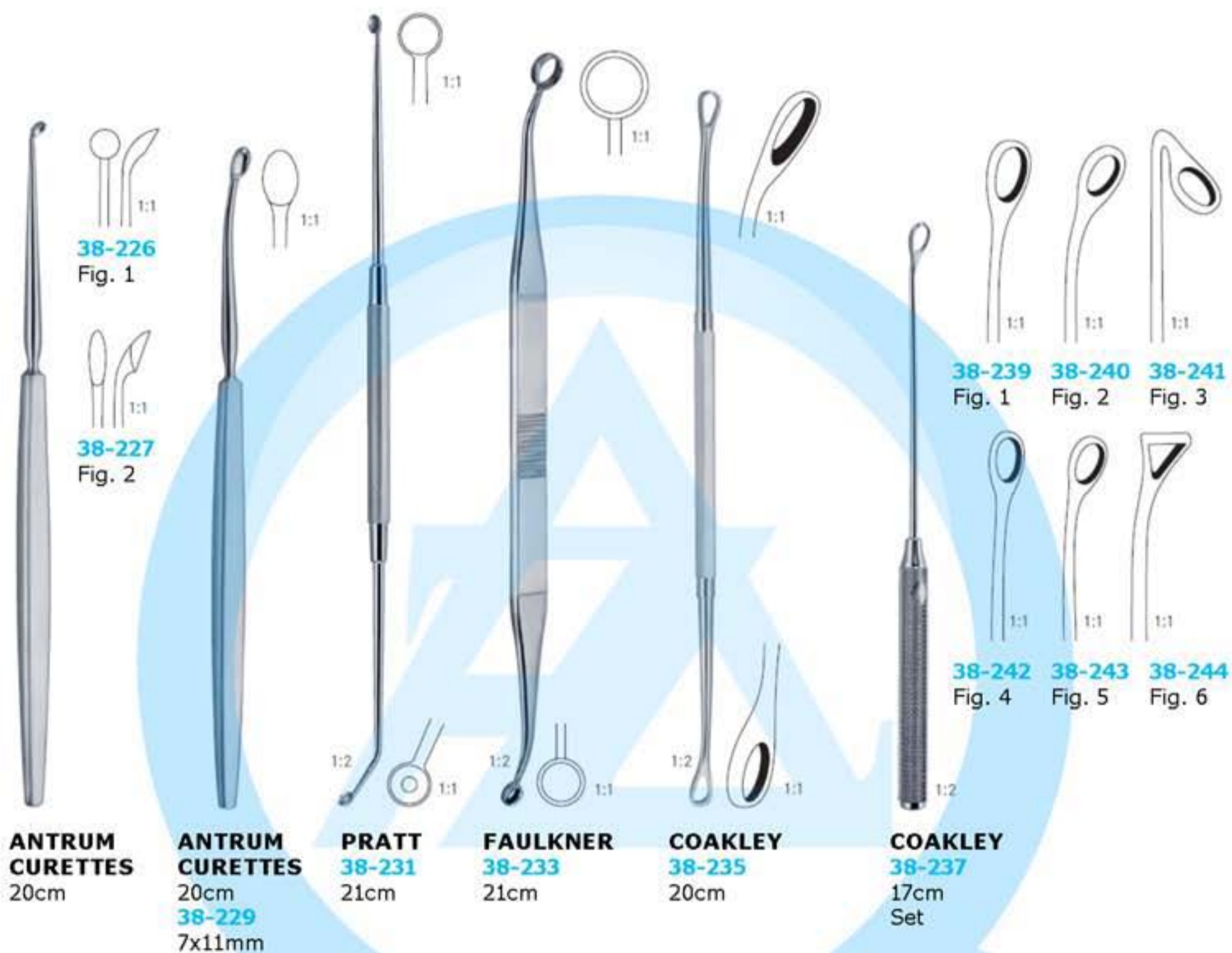
**FREER**  
**38-208**  
15cm

**FREER**  
**38-210**  
15cm



AZ Wisdom Wise Industries





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**LEMPERT**  
**38-246**  
20.5cm  
x = 6mm



**LEMPERT**  
**38-248**  
18cm  
x = 6mm



**FREER**  
**38-250**  
16cm  
x = 4mm



**COTTLE**  
**38-252**  
19cm  
x = 8mm  
Sharp



**JOSEPH**  
**38-254**  
16cm  
x = 5mm  
Periosteal  
Elevator



**SEWALL**  
**38-256**  
20cm  
Antrum  
Elevator



**HALLE**  
**38-258**  
16cm



**MCKENTY**  
15cm  
Sharp

**38-260** 4mm  
**38-261** 5mm



**COTTLE**  
**38-263**  
23.5cm  
x = 4mm  
Sharp



**MCKENTY**  
**38-265**  
20.5cm  
x = 4mm  
Sharp



**KILLIAN**  
**38-267**  
18cm  
x = 4mm  
Sharp/Blunt



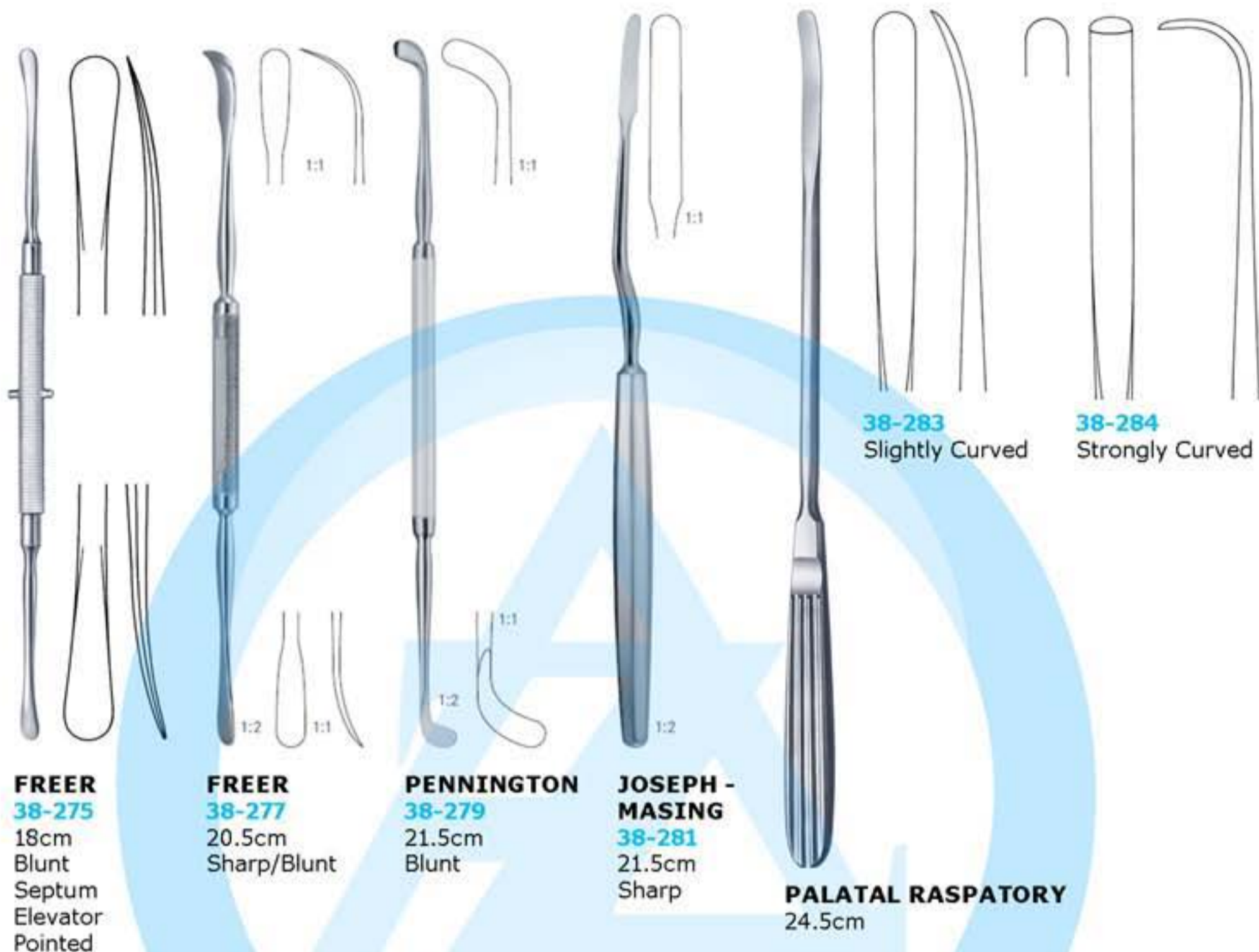
**KILLIAN**  
**38-269**  
23cm  
x = 4.5mm  
Sharp/Blunt

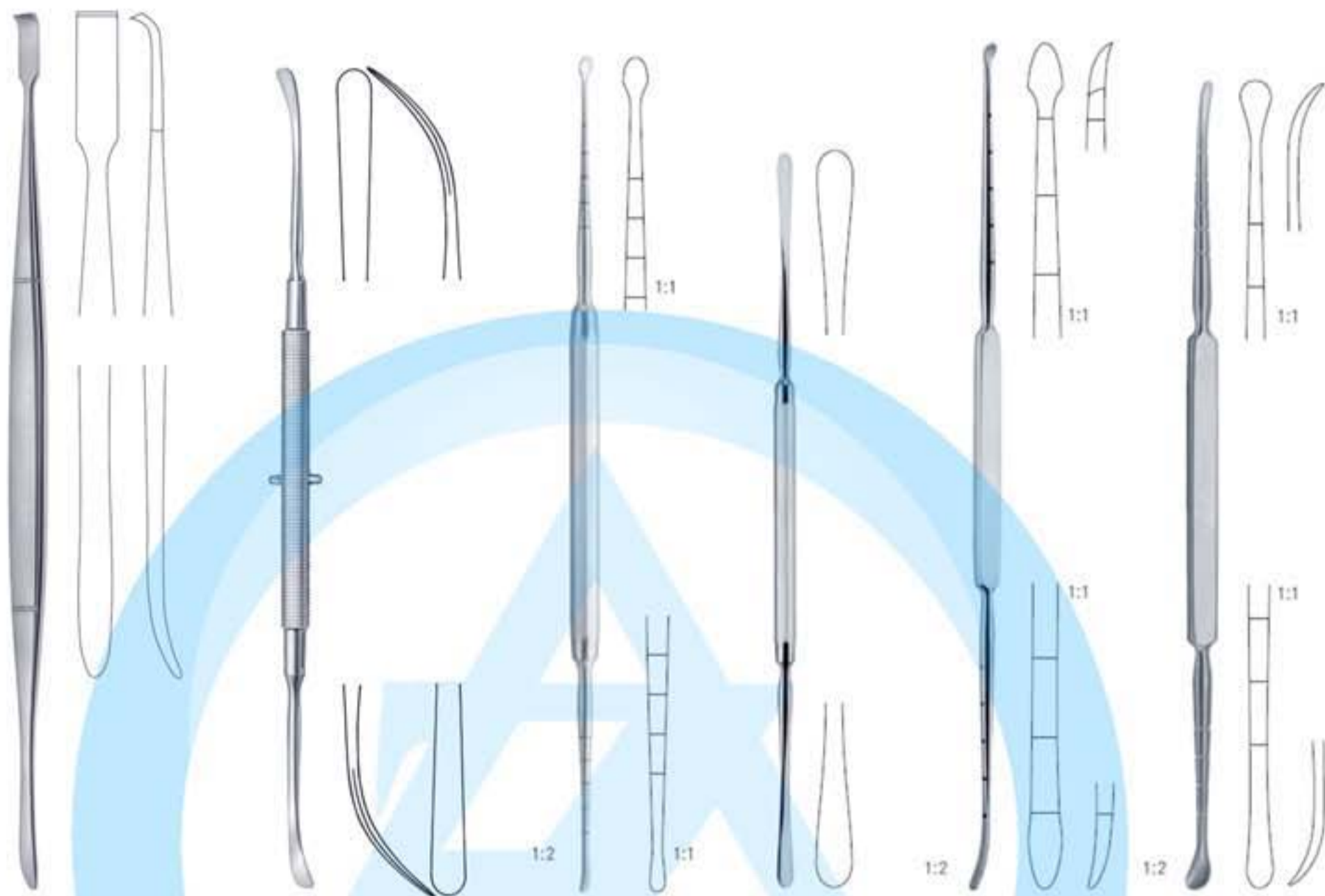


**FREER**  
**38-271**  
18cm  
Blunt



**FREER**  
**38-273**  
18cm  
Sharp/Blunt





**HOWARTH**  
**38-293**  
21.5cm  
Elevator

**ROGER**  
**38-295**  
20cm  
4mm  
Septum  
Elevator

**MASING**  
**38-297**  
20cm

**BALLENGER -  
HAJEK**  
**38-299**  
19cm  
**38-300**  
22cm

**COTTLE**  
**38-302**  
22cm

**COTTLE**  
**38-304**  
21cm

AZ Wisdom Wise Industries





**MALTZ**  
38-326  
17.5cm  
40x9mm



38-328  
Sharp



38-329  
Blunt

**WIENER**  
18cm  
3.5mm Ø  
Antrum  
Raspatory



38-331  
Straight

**GALLAHER**  
16cm  
Nasal  
Raspatory



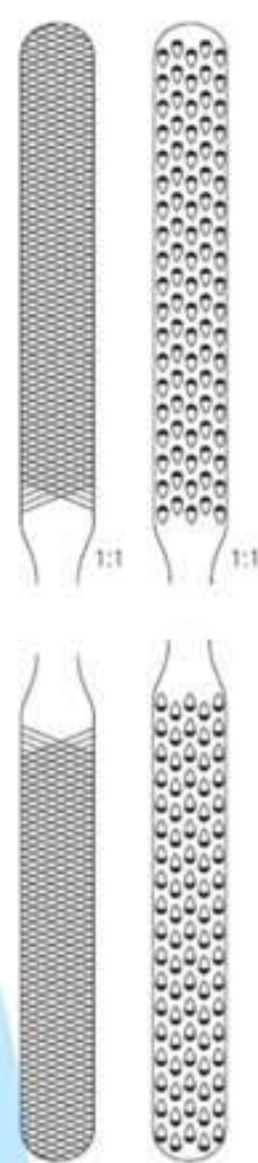
38-332  
Left



38-333  
Right



**FOMON**  
38-335  
21cm



**BALLENGER**  
20cm  
38-337 = x = 3mm  
38-338 = x = 5mm  
38-339 = x = 5mm  
Straight



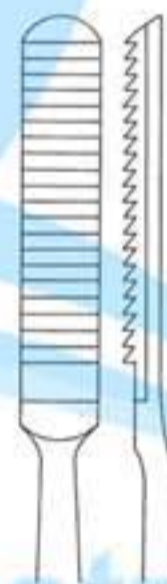
**BALLENGER**  
20cm  
38-340 = x = 3mm  
38-341 = x = 5mm  
38-342 = x = 5mm  
Bayonet



**JOSEPH**  
38-344  
16cm  
Bone File  
Fine



**COTTLE**  
38-346  
21cm  
Nasal Raspatory  
30x8mm



AZ Wisdom Wise Industries



38-348  
15x8mm

38-349  
15x8mm  
Coarse

**LEWIS**  
19cm  
Nasal Raspatory  
Fine

AZ Wisdom Wise Industries



**MALTZ**  
21cm  
Nasal Raspatory  
T.C. GOLD



**38-351**  
Fig. 1



**38-352**  
Fig. 2



**38-353**  
Fig. 3



**38-354**  
Fig. 4



**38-355**  
Fig. 5



**38-356**  
Fig. 6



**38-357**  
Fig. 7



**38-358**  
Fig. 8



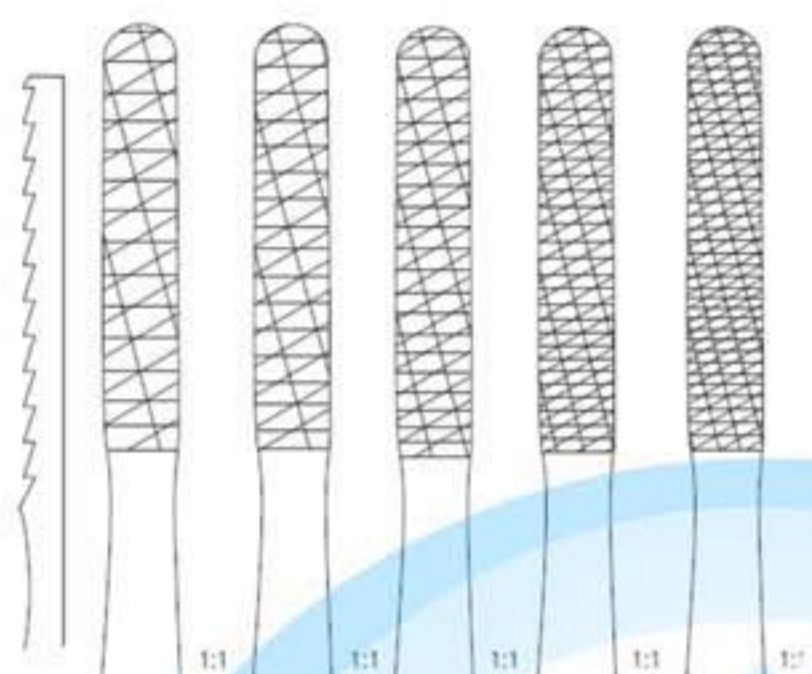
**38-359**  
Fig. 9



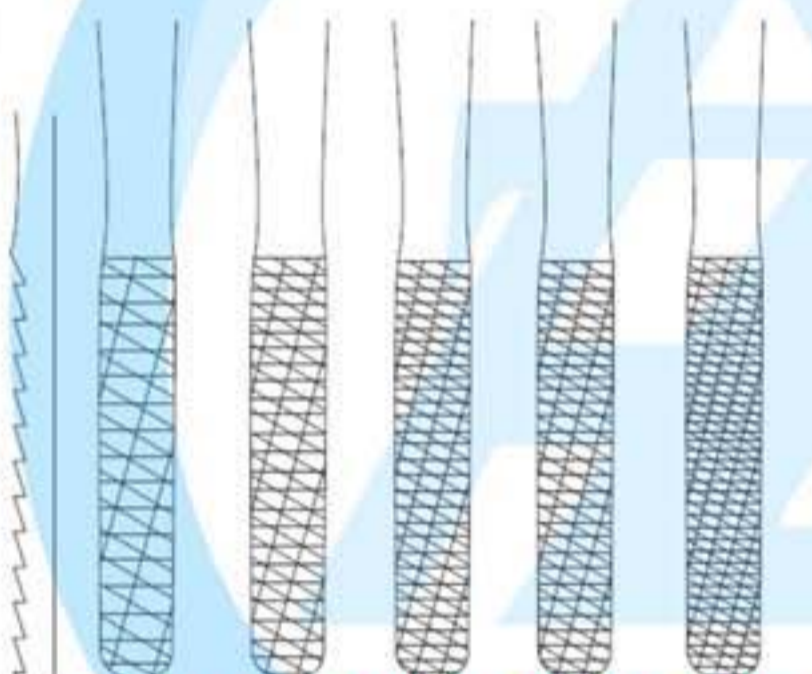
**38-360**  
Fig. 10

AZ Wisdom Wise Industries

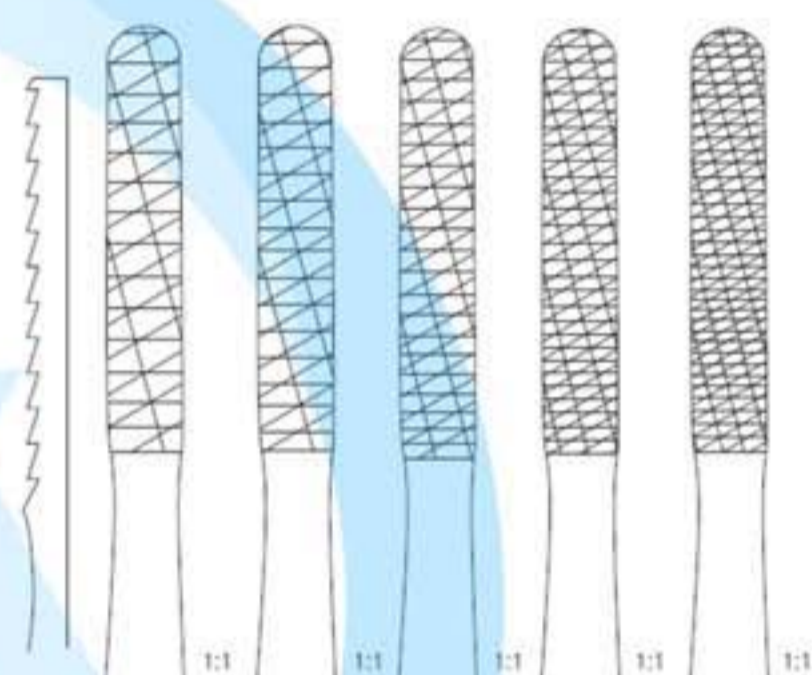




**38-362** Fig. 1 12 Teeth  
**38-363** Fig. 3 16 Teeth  
**38-364** Fig. 5 24 Teeth  
**38-365** Fig. 7 36 Teeth  
**38-366** Fig. 9 52 Teeth



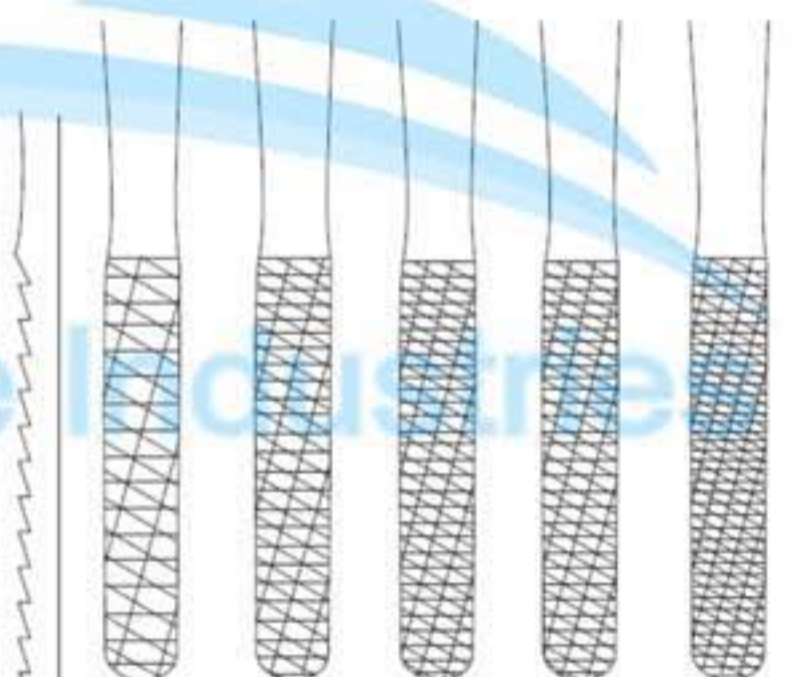
**38-362** Fig. 2 14 Teeth  
**38-363** Fig. 4 20 Teeth  
**38-364** Fig. 6 30 Teeth  
**38-365** Fig. 8 44 Teeth  
**38-366** Fig. 10 62 Teeth



**38-372** Fig. 1 12 Teeth  
**38-373** Fig. 3 16 Teeth  
**38-374** Fig. 5 24 Teeth  
**38-375** Fig. 7 36 Teeth  
**38-376** Fig. 9 52 Teeth



**38-372** Fig. 2 14 Teeth  
**38-373** Fig. 4 20 Teeth  
**38-374** Fig. 6 30 Teeth  
**38-375** Fig. 8 44 Teeth  
**38-376** Fig. 10 62 Teeth



**FOMON**  
20cm  
Raspatory

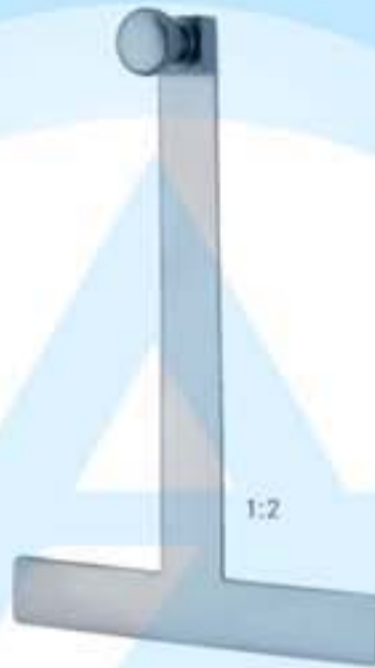
**FOMON**  
20cm  
Raspatory  
T.C GOLD



**BRUENINGS -  
BRUNK**  
**38-380**  
19cm  
Antrum  
Retractor  
Serrated



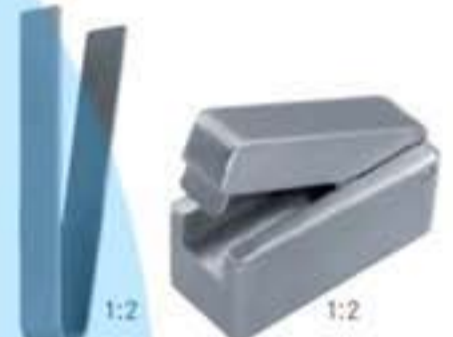
**RITTER - HALLE**  
16cm  
**38-382** = 2.5mm Ø  
**38-383** = 3mm Ø  
**38-384** = 4mm Ø  
Frontal Sinus  
Bougies



**COTTLE**  
**38-386**  
12cm  
Handle



**COTTLE**  
**38-388**  
7mm  
Guide  
Support  
For  
Osteotomes



**COTTLE**  
**38-390**  
65mmx30mmx30mm  
Cartilage Crusher

AZ Wisdom Wise Industries



**KRESSNER**  
38-392  
22cm  
Septum Forceps, Angled, Double Action



**COTTLE - WALSHAM**  
23cm



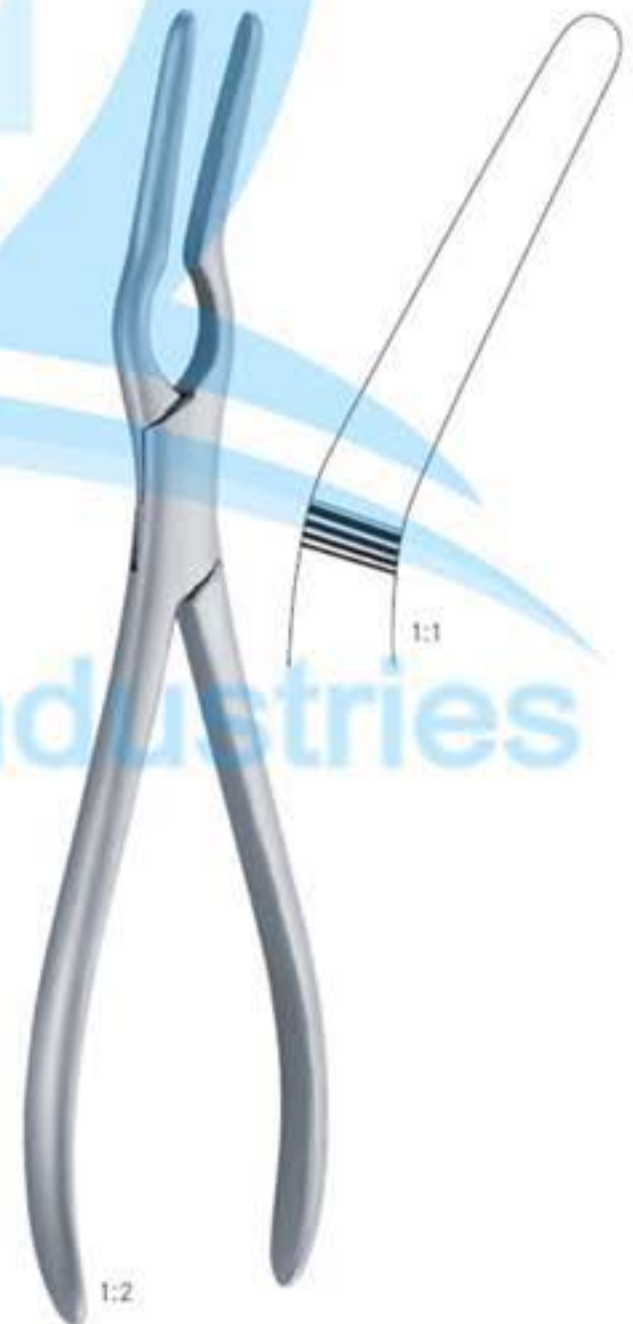
**38-394**  
Straight



**38-395**  
Left



**38-396**  
Right



**ASCH**  
38-398  
23cm



**MIDDLETON - JANSEN**  
38-400  
20.5cm, Open



**MIDDLETON - JANSEN**  
38-402  
20cm, Closed



**CAPLAN**  
38-404  
20cm, Toothed Serrated



**GARNEY**  
38-406  
20cm, Angled,  
Septum Morselizer  
T.C GOLD



**RUBIN**  
38-408  
20cm, Straight,  
Septum Morselizer



**RUBIN**  
38-410  
Protection  
Cap



**RUBIN**  
38-410  
18.5cm, Angled,  
Septum Morselizer



**RUBIN**  
38-414  
18.5cm, Angled,  
Septum Morselizer  
T.C GOLD



**ST. CLAIR THOMSON**  
21cm

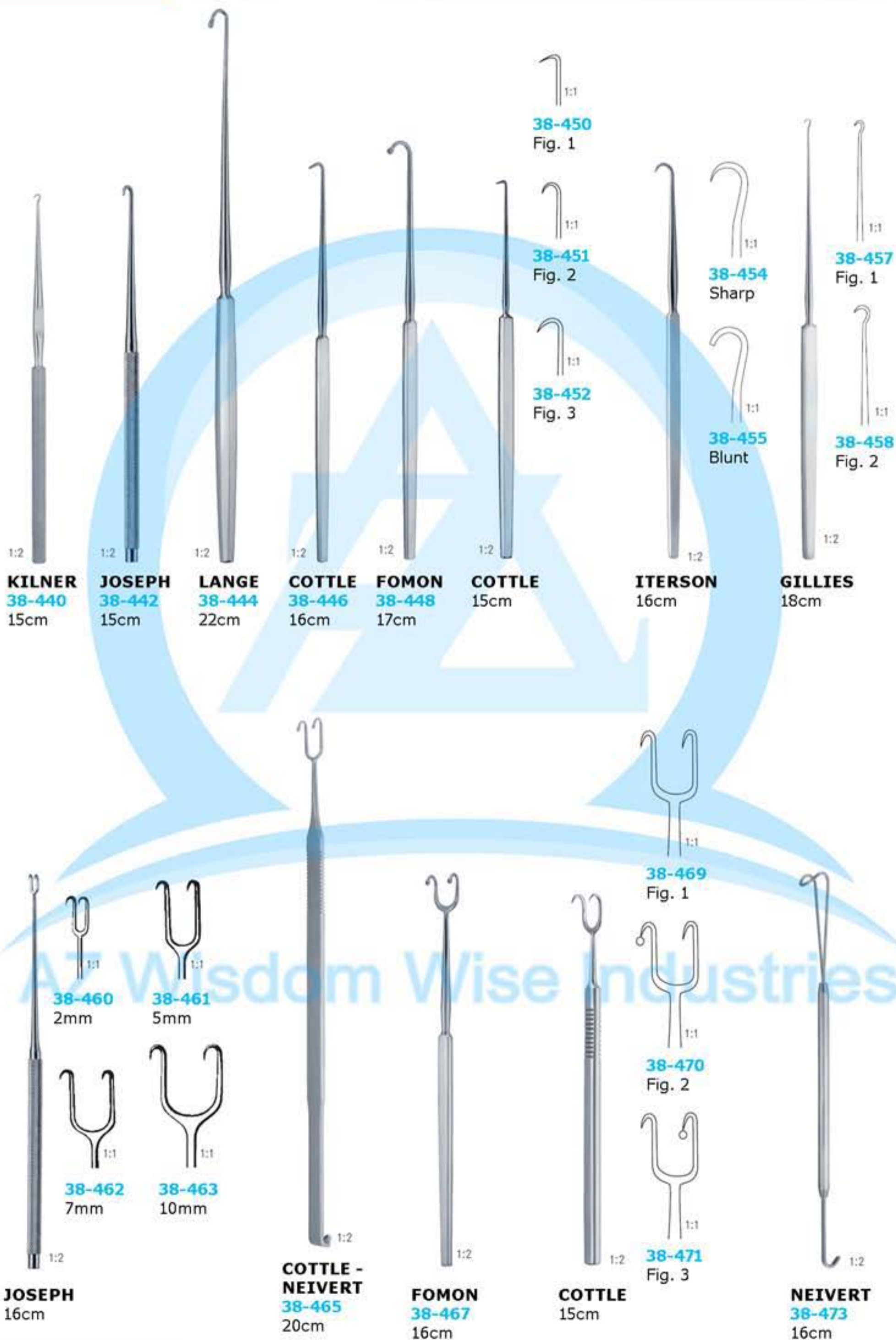
**BARNHILL**  
22cm



**BECHMANN**  
22cm  
Straight



**BECHMANN**  
22cm  
Curved





**COTTLE**  
38-475  
15cm

**COTTLE**  
38-477  
15cm

**AUFRICHT**  
38-479  
19cm

**KILNER**  
38-481  
10cm

**CONVERSE**  
38-483  
12cm

**JACKSON**  
38-485  
15cm

**LUKENS**  
38-487  
17cm  
Blunt/Blunt

**JACKSON**  
38-489  
17cm

**JACKSON**  
18cm  
38-490  
Blunt  
38-491  
Sharp

**ROSE**  
38-493  
13cm

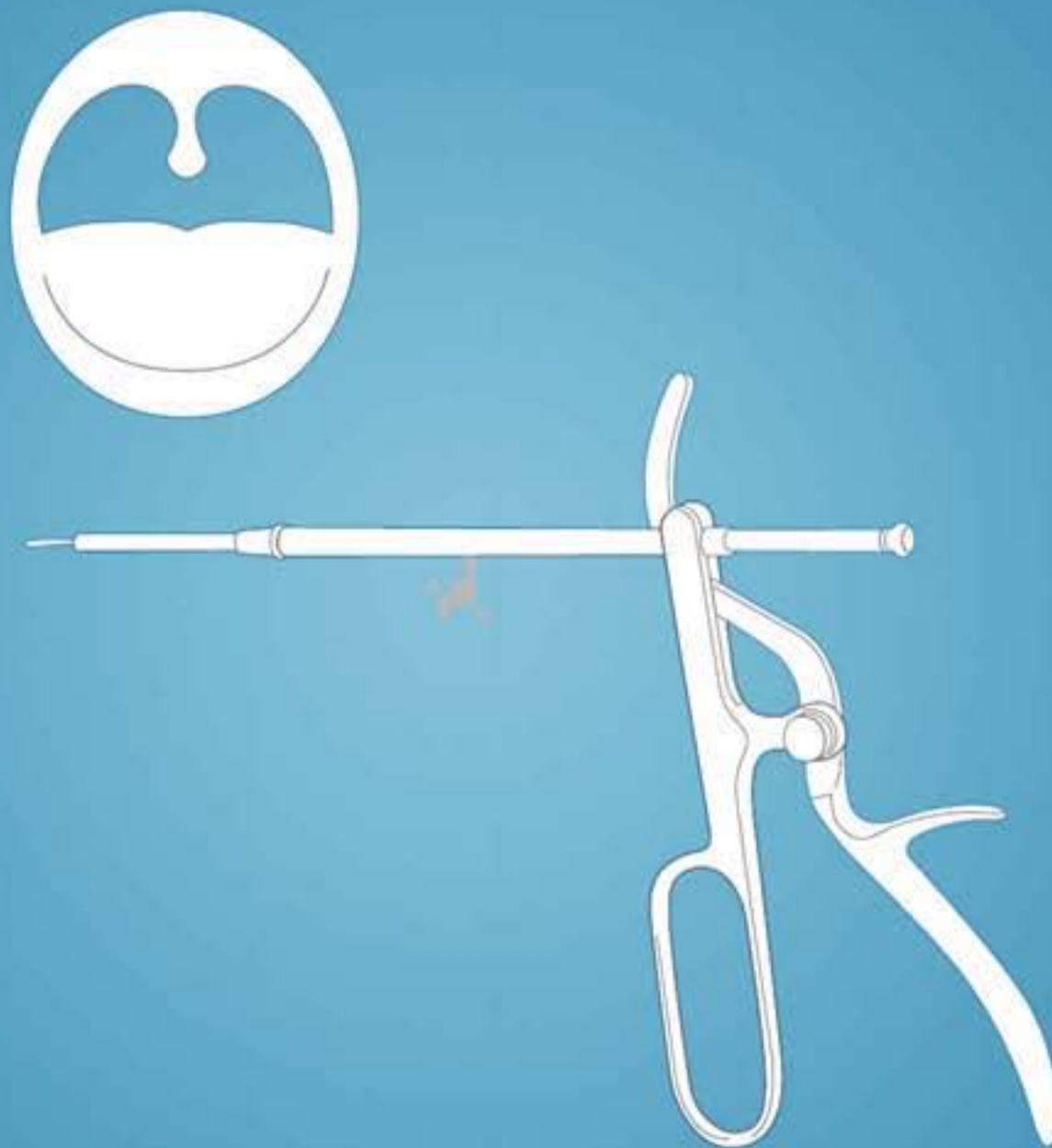
**LUER**  
38-495  
11cm

**AUFRICHT**  
38-497  
12cm  
Nasal Retractor  
Double Ended

Tonsillektomie, Laryngo-Bronchoskopie  
Tonsillectomy, Laryngo-Bronchoscopy  
Tonsilectomía, Laringo-Bronchoscopia  
Tonsillectomie, Laryngo-Bronchoscopie  
Tonsilectomia, Laringo-Bronchoscopia

**39**

**511 - 522**







**LARYNGEAL MIRROR**

- 39-001 = Fig. 00 = 8mm Ø
- 39-002 = Fig. 0 = 10mm Ø
- 39-003 = Fig. 1 = 12mm Ø
- 39-004 = Fig. 2 = 14mm Ø
- 39-005 = Fig. 3 = 16mm Ø
- 39-006 = Fig. 4 = 18mm Ø
- 39-007 = Fig. 5 = 20mm Ø
- 39-008 = Fig. 6 = 22mm Ø
- 39-009 = Fig. 7 = 24mm Ø
- 39-010 = Fig. 8 = 26mm Ø
- 39-011 = Fig. 9 = 28mm Ø
- 39-012 = Fig. 10 = 30mm Ø



**MICHEAL**

- 25cm
- 39-014 = 10mm Ø
  - 39-015 = 12mm Ø
  - 39-016 = 14mm Ø
  - 39-017 = 16mm Ø
  - 39-018 = 18mm Ø
- Moveable Mirror



**LARYNGEAL MIRROR WITH ROUND HANDLE**

- 39-020 = Fig. 00 = 8mm Ø
- 39-021 = Fig. 0 = 10mm Ø
- 39-022 = Fig. 1 = 12mm Ø
- 39-023 = Fig. 2 = 14mm Ø
- 39-024 = Fig. 3 = 16mm Ø
- 39-025 = Fig. 4 = 18mm Ø
- 39-026 = Fig. 5 = 20mm Ø
- 39-027 = Fig. 6 = 22mm Ø
- 39-028 = Fig. 7 = 24mm Ø
- 39-029 = Fig. 8 = 26mm Ø
- 39-030 = Fig. 9 = 28mm Ø
- 39-031 = Fig. 10 = 30mm Ø



**MIRROR HANDLE ROUND**  
 39-033  
 10cm

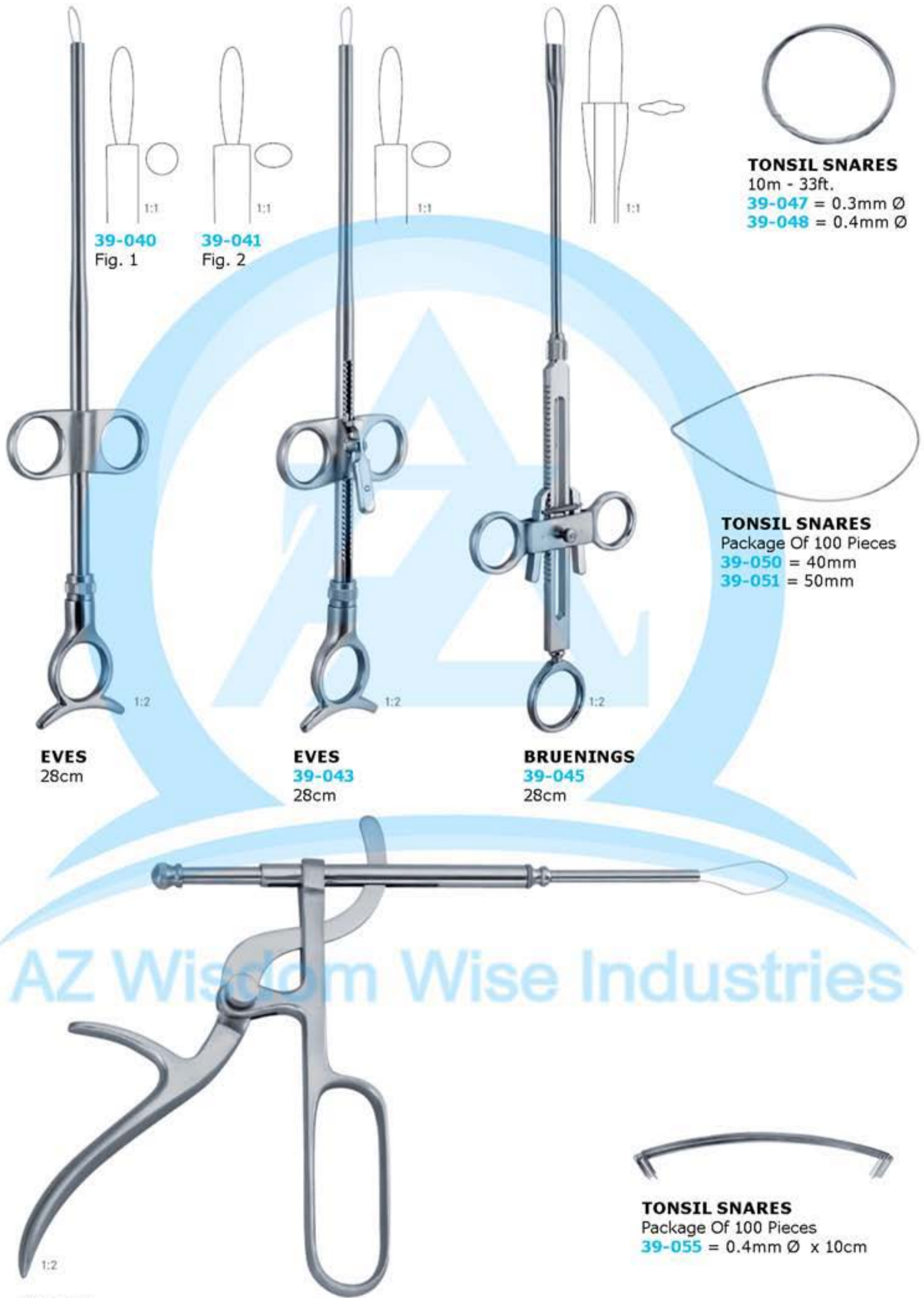


**REICHERT**  
 39-035  
 23cm



**KILLIAN LARYNGETOMY SCISSORS**  
 39-037  
 21cm, Serrated

AZ Wisdom Wise Industries



**39-040**  
Fig. 1

**39-041**  
Fig. 2

**TONSIL SNARES**  
 10m - 33ft.  
**39-047** = 0.3mm Ø  
**39-048** = 0.4mm Ø

**TONSIL SNARES**  
 Package Of 100 Pieces  
**39-050** = 40mm  
**39-051** = 50mm

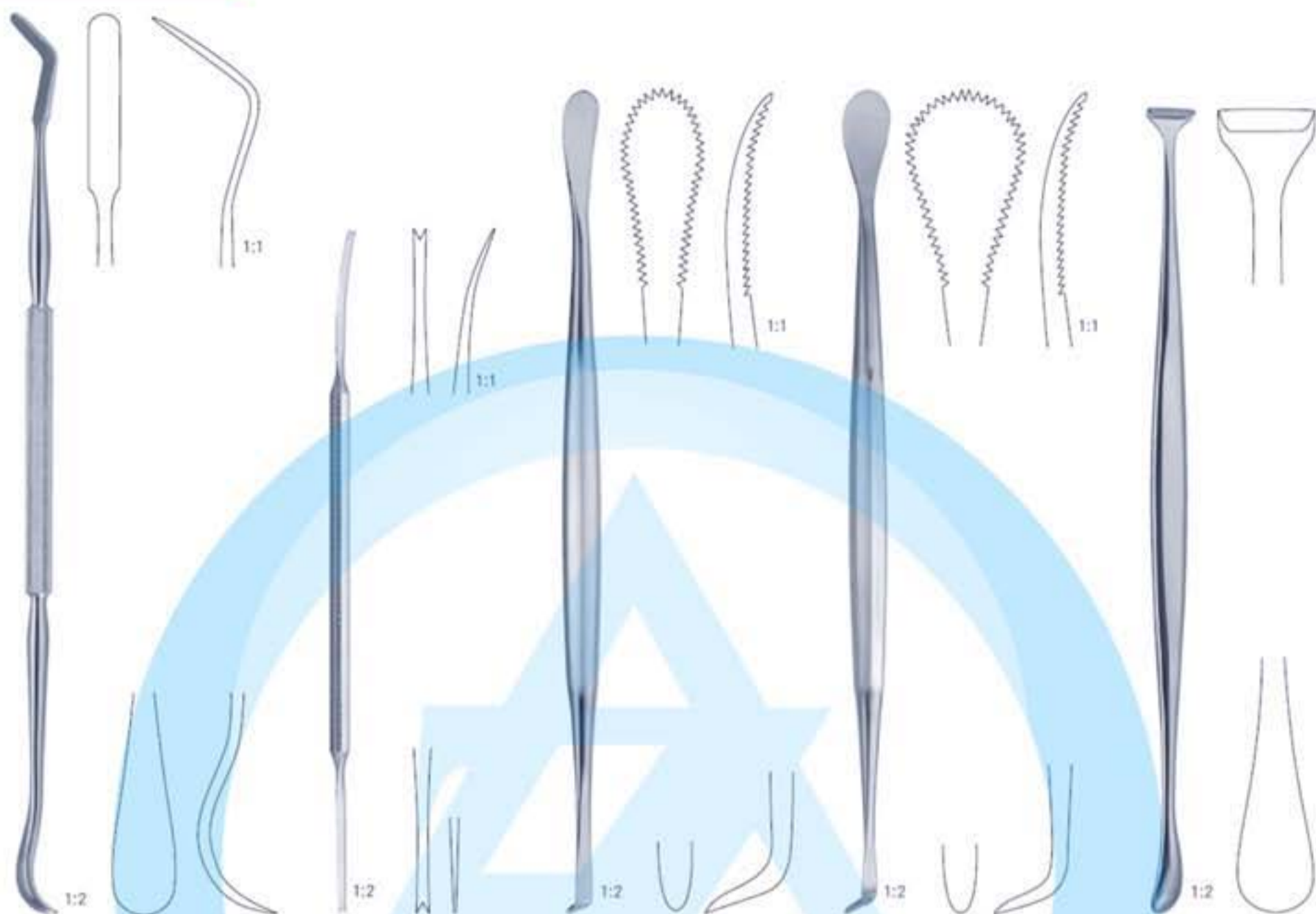
**EVES**  
28cm

**EVES**  
**39-043**  
28cm

**BRUENINGS**  
**39-045**  
28cm

**TYDING**  
**39-053**  
With One Straight Tip

**TONSIL SNARES**  
 Package Of 100 Pieces  
**39-055** = 0.4mm Ø x 10cm



**CARPENTER**  
**39-060**  
 25cm  
 Enucleator

**LUNIATSCHEK**  
**39-062**  
 18cm  
 Tonsil Tampon  
 Plugger

**HENKE**  
**39-064**  
 23cm  
 Tonsil  
 Dissector

**HENKE**  
**39-066**  
 23cm  
 Tonsil  
 Dissector

**HURD**  
**39-086**  
 22.5cm  
 Tonsil  
 Dissector



**LEWIS**  
**39-088**  
 19.5cm  
 Tonsil  
 Screw

**MARSCHIK**  
**39-090**  
 22cm  
 Tonsil Seizing  
 Forceps

AZ Wisdom Wise Industries



**BLOHMKE**  
 39-092  
 20cm



**COLVER**  
 20cm  
 39-094 = Straight  
 39-095 = Curved



**WHITE**  
 6x5 Teeth  
 39-097 = 18cm  
 39-098 = 23cm



**MUSEUX**  
 39-100  
 20cm  
 Tonsil Holding Forceps



**JACKSON**  
 39-102  
 20cm  
 Laryngeal Forceps

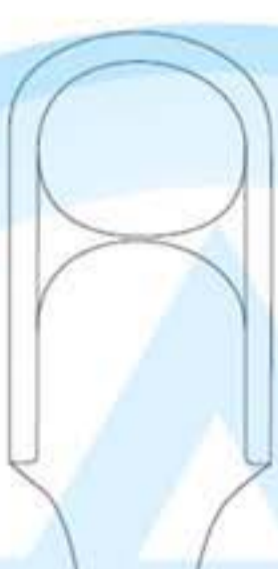
AZ Wisdom Wise Industries



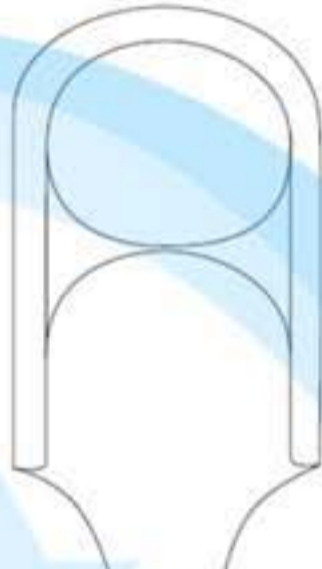
**SLUDER - BALLENGER**  
**39-104**  
 Complete



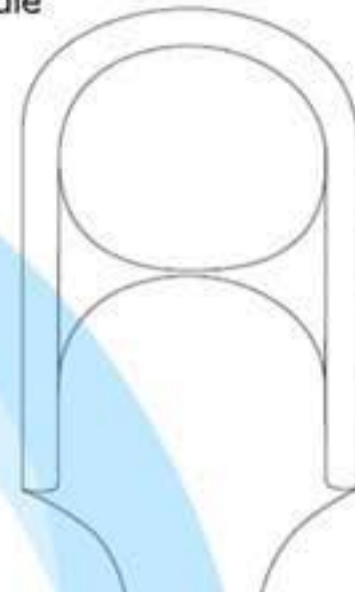
**39-109**  
 Handle



**39-106**  
 Fig. 1



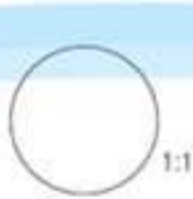
**39-107**  
 Fig. 2



**39-108**  
 Fig. 3



**HARTMANN**  
 x = 120mm



**39-111**  
 13mm Ø



**39-112**  
 15mm Ø



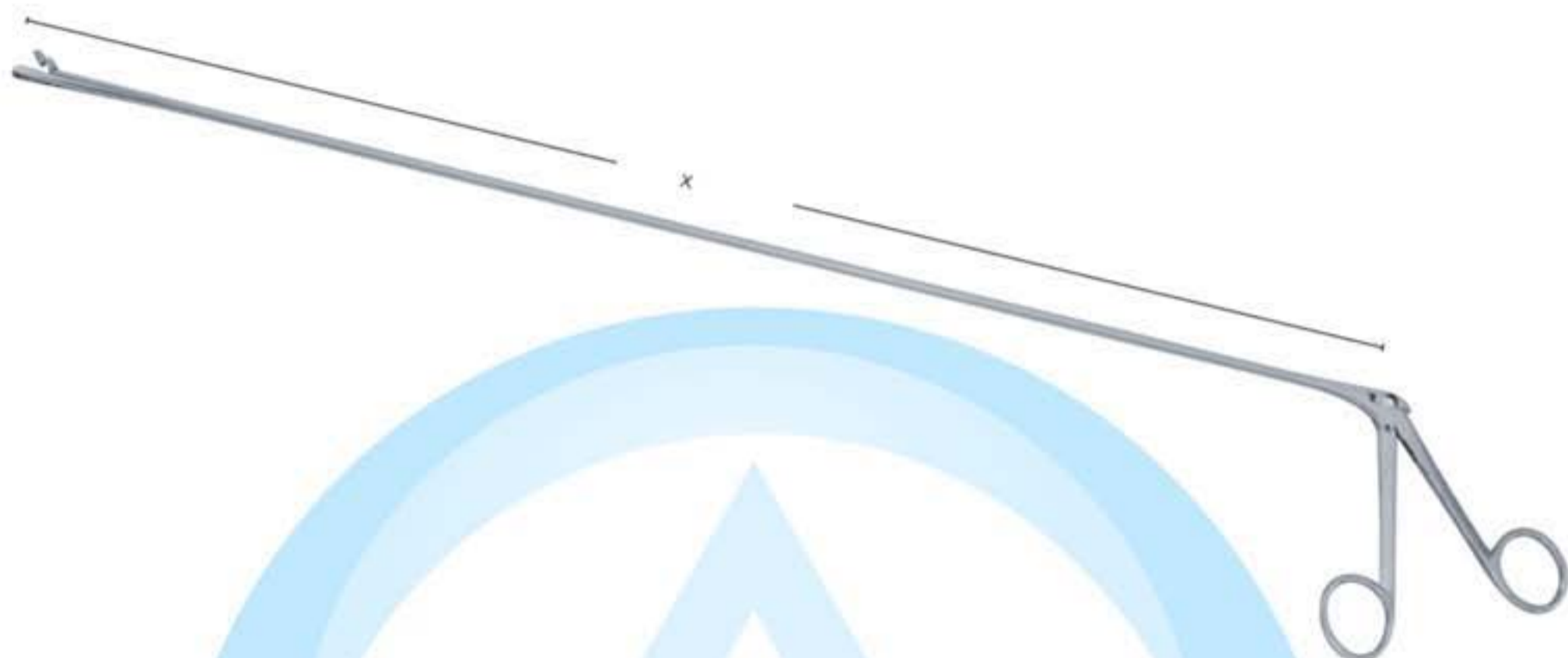
**39-113**  
 17mm Ø

AZ Wisdom Wise Industries

**BRUENINGS** Straight  
 39-120 = 200mm  
 39-121 = 300mm  
 39-122 = 400mm  
 39-123 = 500mm  
 39-124 = 600mm

**BRUENINGS** Curved  
 39-126 = 200mm





**CHEVALIER - JACKSON**



Fig. 1  
**39-160** = x = 300mm  
**39-161** = x = 400mm  
**39-162** = x = 500mm  
**39-163** = x = 600mm



Fig. 2  
**39-165** = x = 300mm  
**39-166** = x = 400mm  
**39-167** = x = 500mm  
**39-168** = x = 600mm



Fig. 3  
**39-170** = x = 300mm  
**39-171** = x = 400mm  
**39-172** = x = 500mm  
**39-173** = x = 600mm



Fig. 4  
**39-175** = x = 300mm  
**39-176** = x = 400mm  
**39-177** = x = 500mm  
**39-178** = x = 600mm



Fig. 5  
**39-180** = x = 300mm  
**39-181** = x = 400mm  
**39-182** = x = 500mm  
**39-183** = x = 600mm

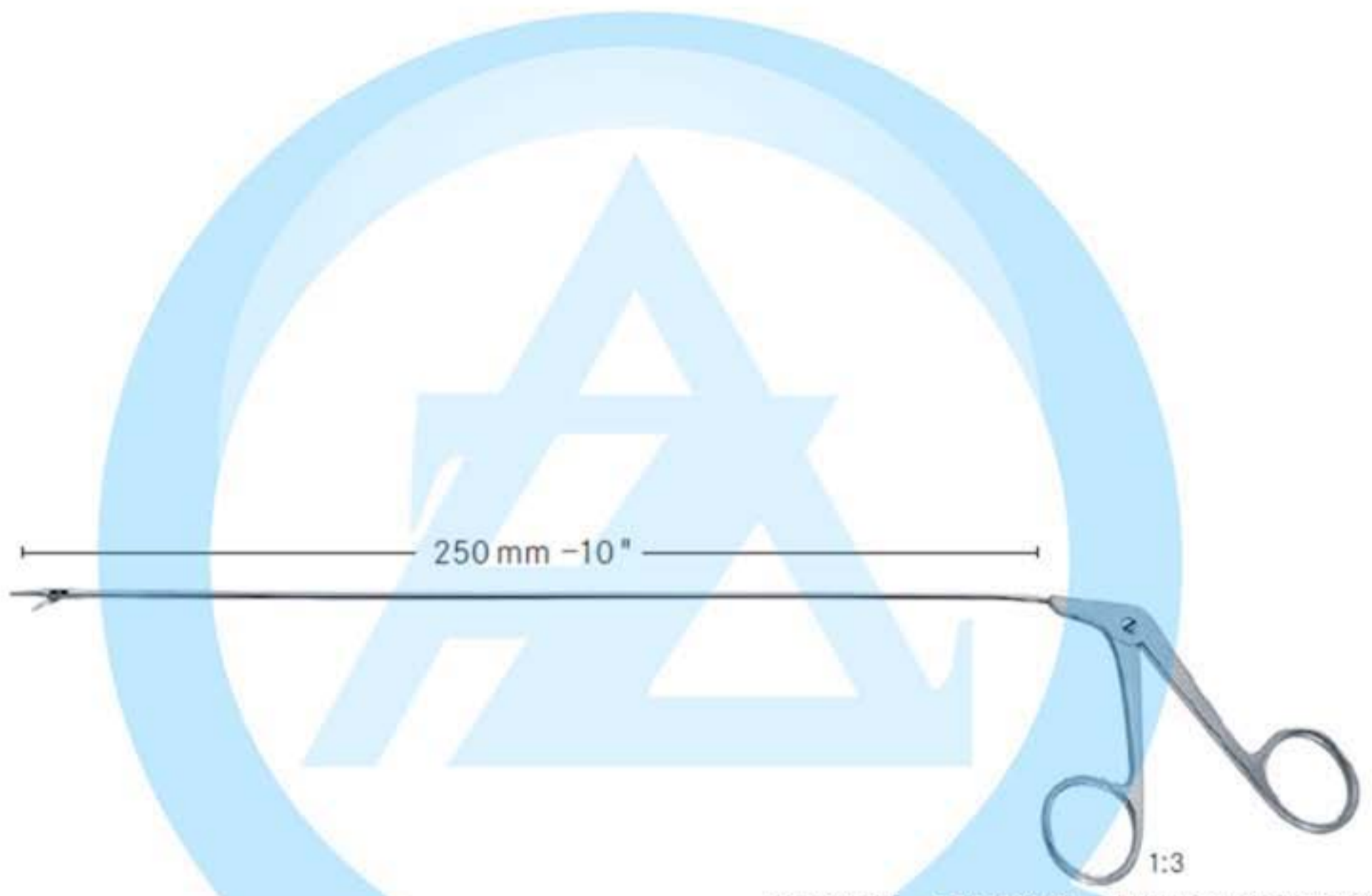


Fig. 6  
**39-185** = x = 300mm  
**39-186** = x = 400mm  
**39-187** = x = 500mm  
**39-188** = x = 600mm



Fig. 7  
**39-190** = x = 300mm  
**39-191** = x = 400mm  
**39-192** = x = 500mm  
**39-193** = x = 600mm







AZ Wisdom Wise Industries



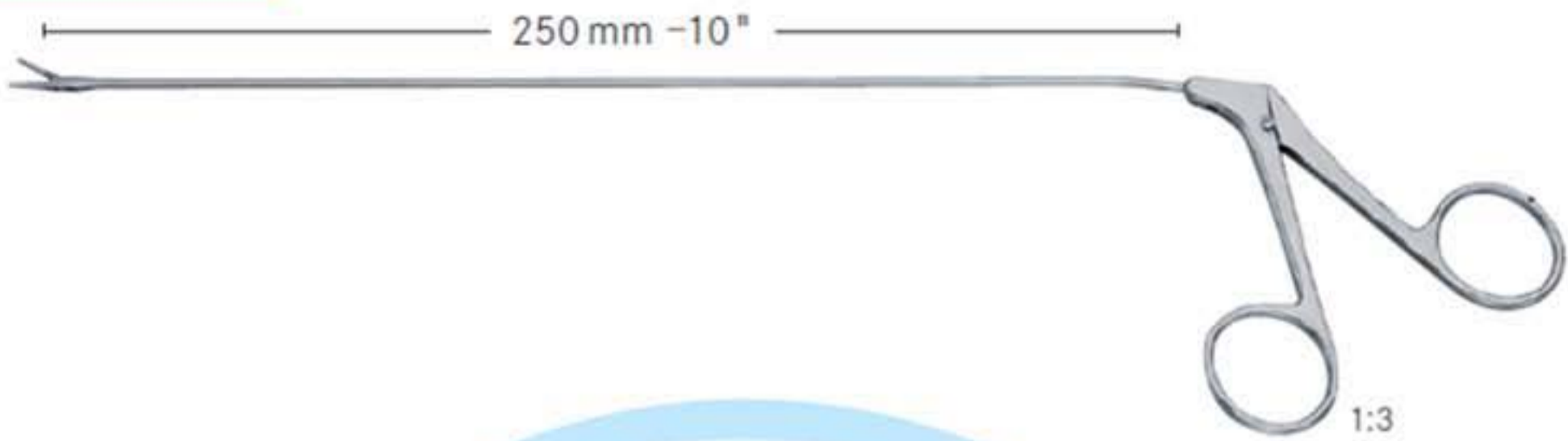
**LARYNGO - BRONCHO - OESOPHAGOSCOPY**

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
|  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |
| <b>SCISSORS</b><br>39-200<br>Straight   | <b>SCISSORS</b><br>39-201<br>Straight<br>Horizontal                                     | <b>SCISSORS</b><br>39-202<br>Angled Up<br>Horizontal                                    | <b>SCISSORS</b><br>39-203<br>Curved<br>Right  | <b>SCISSORS</b><br>39-204<br>Curved<br>Left   | <b>SCISSORS</b><br>39-205<br>Angled Up  |

- |   |   |  |   |   |
|---|---|--|---|---|
|  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |
| <b>ALLIGATOR<br/>FORCEPS</b><br>39-210<br>Straight<br>Serrated                          | <b>ALLIGATOR<br/>FORCEPS</b><br>39-211<br>Straight<br>Horizontal                        | <b>ALLIGATOR<br/>FORCEPS</b><br>39-212<br>Angled Up<br>Horizontal                        | <b>ALLIGATOR<br/>FORCEPS</b><br>39-213<br>Curved<br>Right                                 | <b>ALLIGATOR<br/>FORCEPS</b><br>39-214<br>Curved<br>Left                                  |

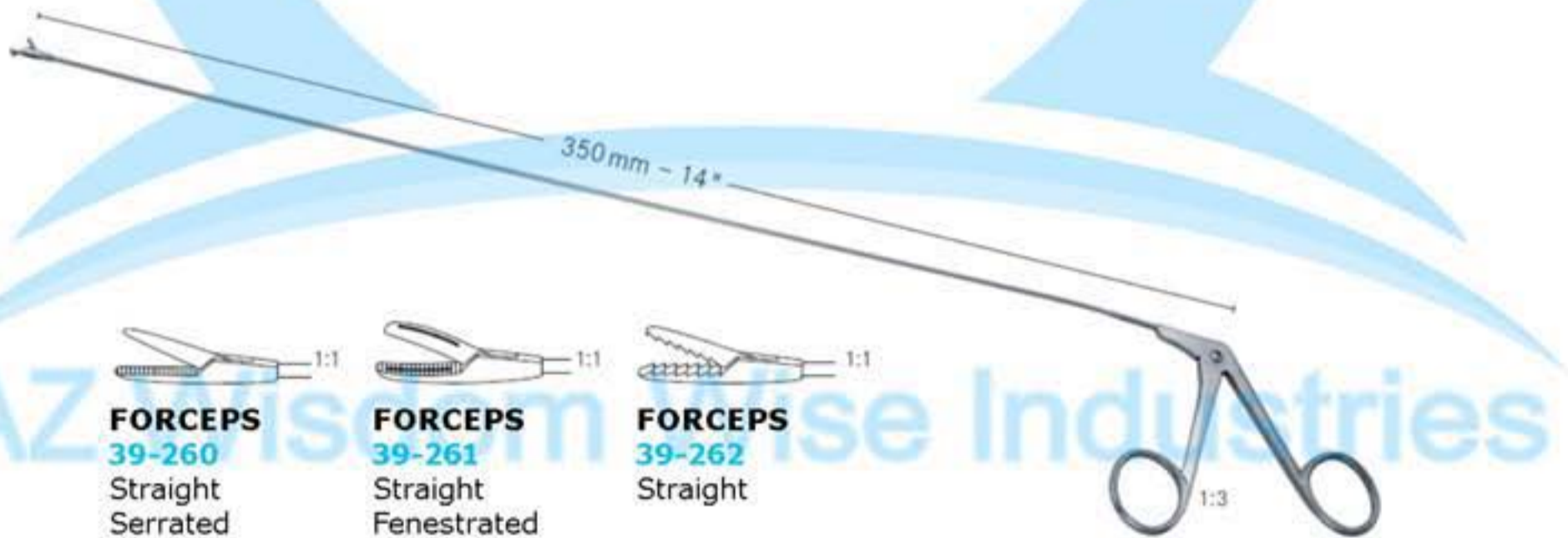
- |   |   |  |   |   |   |
|---|---|--|---|---|---|
|  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |  1:1 |
| <b>CUP<br/>SHAPED<br/>FORCEPS</b><br>2.5mm<br>39-220<br>Straight                        | <b>CUP<br/>SHAPED<br/>FORCEPS</b><br>2.5mm<br>39-221<br>Angled Up                       | <b>CUP<br/>SHAPED<br/>FORCEPS</b><br>2.5mm<br>39-222<br>Angled Up<br>Horizontal          | <b>CUP<br/>SHAPED<br/>FORCEPS</b><br>2.5mm<br>39-223<br>Curved<br>Right                   | <b>CUP<br/>SHAPED<br/>FORCEPS</b><br>2.5mm<br>39-224<br>Curved<br>Left                    | <b>CUP<br/>SHAPED<br/>FORCEPS</b><br>3x5mm<br>39-225<br>Oval                              |





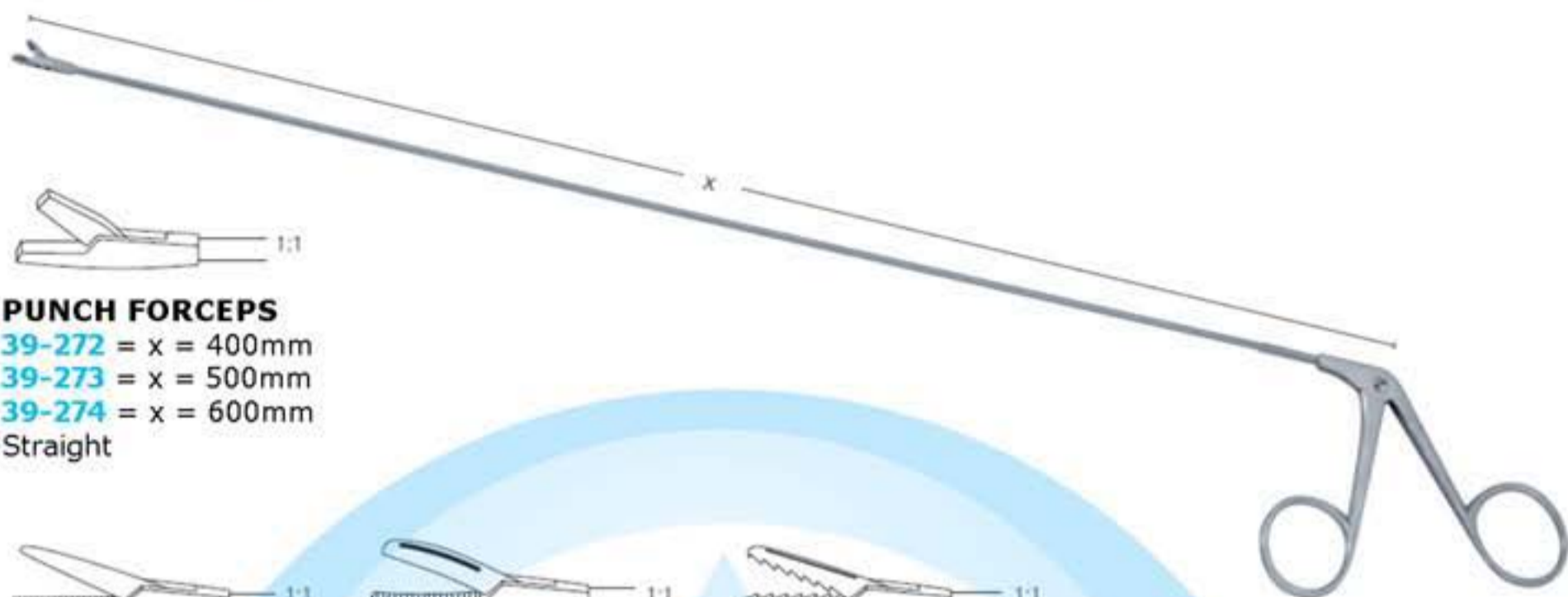
**LARYNGO - BRONCHO - OESOPHAGOSCOPY**

- |   |  |  |   |   |   |
|---|--|--|---|---|---|
|  1:1<br><b>SCISSORS</b><br>39-230<br>Straight                              |  1:1<br><b>SCISSORS</b><br>39-231<br>Straight<br>Horizontal                 |  1:1<br><b>SCISSORS</b><br>39-232<br>Angled Up  |  1:1<br><b>SCISSORS</b><br>39-233<br>Curved<br>Right                              |  1:1<br><b>SCISSORS</b><br>39-234<br>Curved<br>Left                              |  1:1<br><b>SCISSORS</b><br>39-235<br>Angled Up                         |
|  1:1<br><b>ALLIGATOR<br/>FORCEPS</b><br>39-240<br>Straight<br>Serrated   |  1:1<br><b>ALLIGATOR<br/>FORCEPS</b><br>39-241<br>Straight<br>Horizontal  |  1:1<br><b>ALLIGATOR<br/>FORCEPS</b><br>39-242<br>Angled Up<br>Horizontal               |  1:1<br><b>ALLIGATOR<br/>FORCEPS</b><br>39-243<br>Curved<br>Right               |  1:1<br><b>ALLIGATOR<br/>FORCEPS</b><br>39-244<br>Curved<br>Left               |   |
|  1:1<br><b>CUP<br/>SHAPED<br/>FORCEPS</b><br>2.5mm<br>39-250<br>Straight |  1:1<br><b>CUP<br/>SHAPED<br/>FORCEPS</b><br>2.5mm<br>39-251<br>Angled Up |  1:1<br><b>CUP<br/>SHAPED<br/>FORCEPS</b><br>2.5mm<br>39-252<br>Angled Up<br>Horizontal |  1:1<br><b>CUP<br/>SHAPED<br/>FORCEPS</b><br>2.5mm<br>39-253<br>Angled<br>Right |  1:1<br><b>CUP<br/>SHAPED<br/>FORCEPS</b><br>2.5mm<br>39-254<br>Angled<br>Left |  1:1<br><b>CUP<br/>SHAPED<br/>FORCEPS</b><br>3x5mm<br>39-255<br>Oval |



**GRASPING FORCEPS**

- |  |  |  |  |  |   |   |
|--|--|--|--|--|---|---|
|  1:1<br><b>FORCEPS</b><br>39-260<br>Straight<br>Serrated                  |  1:1<br><b>FORCEPS</b><br>39-261<br>Straight<br>Fenestrated         |  1:1<br><b>FORCEPS</b><br>39-262<br>Straight                                      |  |  |   |   |
|  1:1<br><b>CUP SHAPED<br/>FORCEPS</b><br>3mm<br>39-263<br>Straight         |  1:1<br><b>CUP SHAPED<br/>FORCEPS</b><br>3mm<br>39-264<br>Angled Up |  1:1<br><b>CUP SHAPED<br/>FORCEPS</b><br>3mm<br>39-265<br>Angled Up<br>Horizontal |  1:1<br><b>CUP SHAPED<br/>FORCEPS</b><br>3mm<br>39-266<br>Curved<br>Right |  1:1<br><b>CUP SHAPED<br/>FORCEPS</b><br>3mm<br>39-267<br>Curved<br>Left |  1:1<br><b>CUP SHAPED<br/>FORCEPS</b><br>2x5mm<br>39-268<br>Straight |  1:1<br><b>CUP SHAPED<br/>FORCEPS</b><br>3x5mm<br>39-269<br>Straight |
|  1:1<br><b>CUP SHAPED FORCEPS</b><br>39-270<br>Universal Forceps, Straight |  |  |  |  |   |   |



**PUNCH FORCEPS**

39-272 = x = 400mm  
 39-273 = x = 500mm  
 39-274 = x = 600mm  
 Straight

**GRASPING FORCEPS**



**FORCEPS**

39-276 = x = 400mm  
 39-277 = x = 500mm  
 39-278 = x = 600mm  
 Straight, Serrated



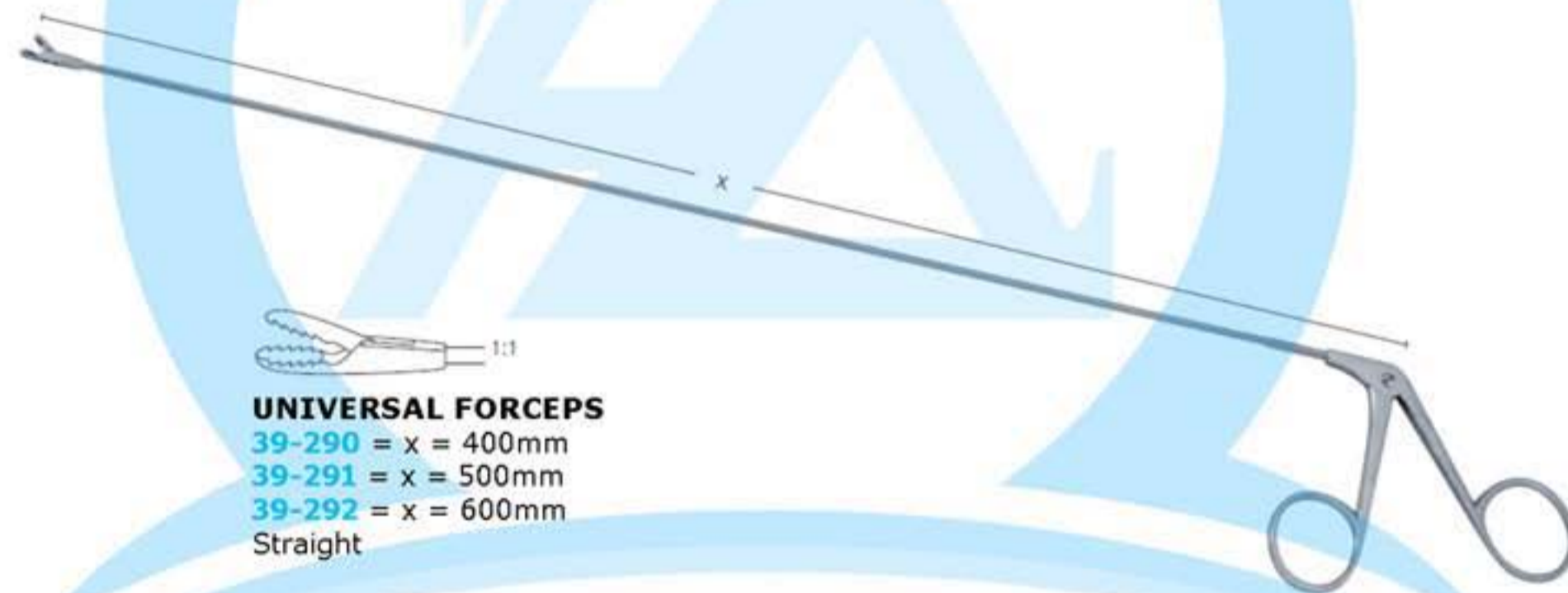
**FORCEPS**

39-280 = x = 400mm  
 39-281 = x = 500mm  
 39-282 = x = 600mm  
 Straight, Fenestrated



**FORCEPS**

39-284 = x = 400mm  
 39-285 = x = 500mm  
 39-286 = x = 600mm  
 Straight



**UNIVERSAL FORCEPS**



**UNIVERSAL FORCEPS**

39-290 = x = 400mm  
 39-291 = x = 500mm  
 39-292 = x = 600mm  
 Straight



**CUP SHAPED FORCEPS**

4mm  
 39-293 = x = 400mm  
 39-294 = x = 500mm  
 39-295 = x = 600mm  
 Straight



**CUP SHAPED FORCEPS**

4mm  
 39-296 = x = 400mm  
 39-297 = x = 500mm  
 39-298 = x = 600mm  
 Angled Up



**CUP SHAPED FORCEPS**

4mm  
 39-299 = x = 400mm  
 39-300 = x = 500mm  
 39-301 = x = 600mm  
 Angled Up Horizontal



**CUP SHAPED FORCEPS**

4mm  
 39-302 = x = 400mm  
 39-303 = x = 500mm  
 39-304 = x = 600mm  
 Curved Right



**CUP SHAPED FORCEPS**

4mm  
 39-305 = x = 400mm  
 39-306 = x = 500mm  
 39-307 = x = 600mm  
 Curved Left



**CUP SHAPED FORCEPS**

3x4mm  
 39-308 = x = 400mm  
 39-309 = x = 500mm  
 39-310 = x = 600mm  
 Straight



**CUP SHAPED FORCEPS**

4x6mm  
 39-311 = x = 400mm  
 39-312 = x = 500mm  
 39-313 = x = 600mm  
 Straight



**CUP SHAPED FORCEPS**

4x8mm  
 39-314 = x = 400mm  
 39-315 = x = 500mm  
 39-316 = x = 600mm  
 Straight



**FRAENKEL**  
**39-320**  
 18cm



**JURASZ**  
 23cm

**39-322**  
 Right

**39-323**  
 Left

**39-324**  
 Downwards

**39-325**  
 Upwards



**JURASZ**  
 23cm



**39-327**  
 Upwards

**39-328**  
 Upwards

**39-329**  
 Upwards

**39-330**  
 Upwards



**FRAENKEL**  
**39-332**  
 x = 17cm  
 Both Jaws Articulated

HNO  
ENT  
ORL  
ORL  
ORL

# 40

523 - 526





**WHITEHEAD**

- 40-001 = 11cm
- 40-002 = 13cm
- 40-003 = 15cm



**JENNINGS**

- 40-005 = 9cm
- 40-006 = 11cm
- 40-007 = 13cm
- 40-008 = 15cm



**MOLT SPARE RUBBER**

40-016 14cm, For Adults

**MOLT SPARE RUBBER**

40-012 11cm, For Children



**MOLT**  
40-010  
11cm  
For Children

**MOLT**  
40-014  
14cm  
For Adults



**MAUNDER**  
40-018  
10cm  
4mm Ø  
Wood



**HEISTER**  
40-020  
13cm



**DENHART**  
40-022  
12cm



**FERGUSSON - ACKLAND**  
40-024  
14.5cm



**ROSER - KOENIG**  
40-026 = 16cm  
40-027 = 19cm

AZ Wisdom Wise Industries



**DINGMANN**  
**40-029**  
14.5cm  
Complete With Frame,  
3 Tongue Depressors And  
2 Adjustable Lateral Blades



Tongue depressor  
**40-030**  
55x25mm

Tongue depressor  
**40-031**  
60x27mm



Tongue depressor  
**40-032**  
70x30mm



Fig. 3  
**40-037**  
37x80mm

Fig. 2  
**40-036**  
32x75mm

Fig. 1  
**40-035**  
28x65mm



**KILNER - DOUGHTY**  
**40-034**  
Complete Set

**KILNER - DOUGHTY**  
**40-039**  
Handle



**DAVIS - BOYLE**  
**40-041**  
Complete



Fig. 1  
**40-042**  
21x26mm



Fig. 2  
**40-043**  
23x65mm



Fig. 3  
**40-044**  
24x80mm



Fig. 4  
**40-045**  
25x93mm



Fig. 5  
**40-046**  
26x108mm



Handle Only  
**40-047**



**NEGUS**  
**40-049**  
Complete



**NEGUS**  
Fig. 1  
**40-050**  
20x70mm



**NEGUS**  
Fig. 2  
**40-051**  
30x80mm



**NEGUS**  
Fig. 3  
**40-052**  
33x95mm



**NEGUS**  
Handle Only  
**40-053**



**MCIVOR**  
**40-055**  
Complete



Fig. 1  
**40-056**  
23x70mm



Fig. 2  
**40-057**  
25x86mm



Fig. 3  
**40-058**  
26x100mm



Handle Only  
**40-059**

Autopsie  
Autopsy  
Autopsie  
Autopsia  
Autopsia

**41**

**527 - 528**







**HAMMER**  
**41-001**  
27cm



**BRUNETTI**  
**41-003**  
28cm  
Chisel For  
Opening The  
Spinal  
Column



**BRUNETTI**  
**41-005**  
28cm  
Chisel For  
Opening The  
Spinal  
Column



**RACHIOTOME**  
**41-007**  
22cm



**CHISEL**  
**41-009**  
13cm  
x = 23cm



**MUSCLE  
HOOK**  
**41-011**  
10cm

AZ Wisdom Wise Industries



**VIRCHOW**  
**41-013**  
Skull Breaker



**SPECULA**  
**41-015**  
16cm  
10x50mm



**DISSECTING  
NEEDLES**  
**41-017**  
13.5cm

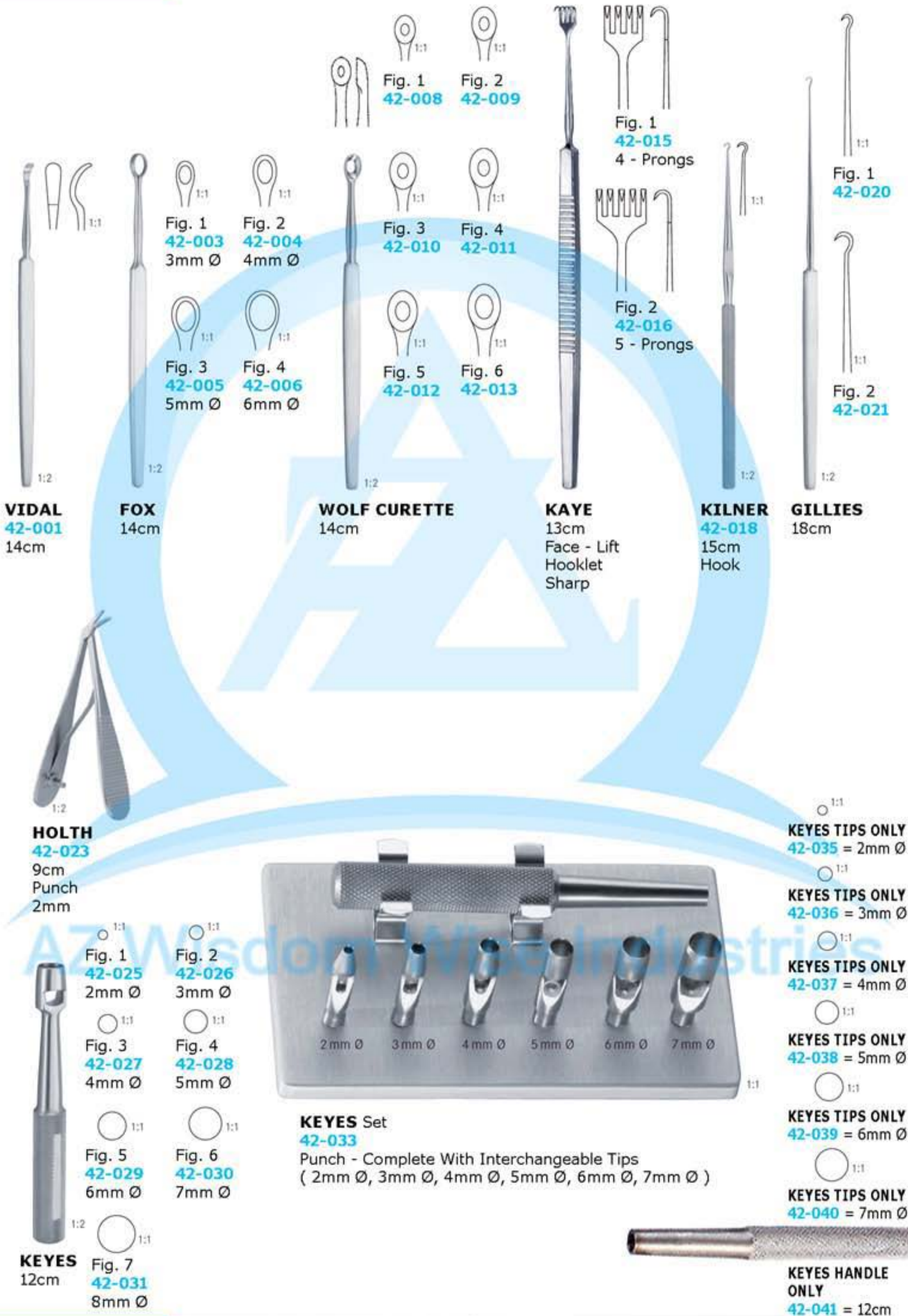


**DISSECTING  
NEEDLES**  
**41-019**  
13.5cm

Dermatologie  
Dermatology  
Dermatología  
Dermatologie  
Dermatologia

**42**  
**529 - 533**





**VIDAL**  
42-001  
14cm

**FOX**  
14cm

**WOLF CURETTE**  
14cm

**KAYE**  
13cm  
Face - Lift  
Hooklet  
Sharp

**KILNER**  
42-018  
15cm  
Hook

**GILLIES**  
18cm

**HOLTH**  
42-023  
9cm  
Punch  
2mm

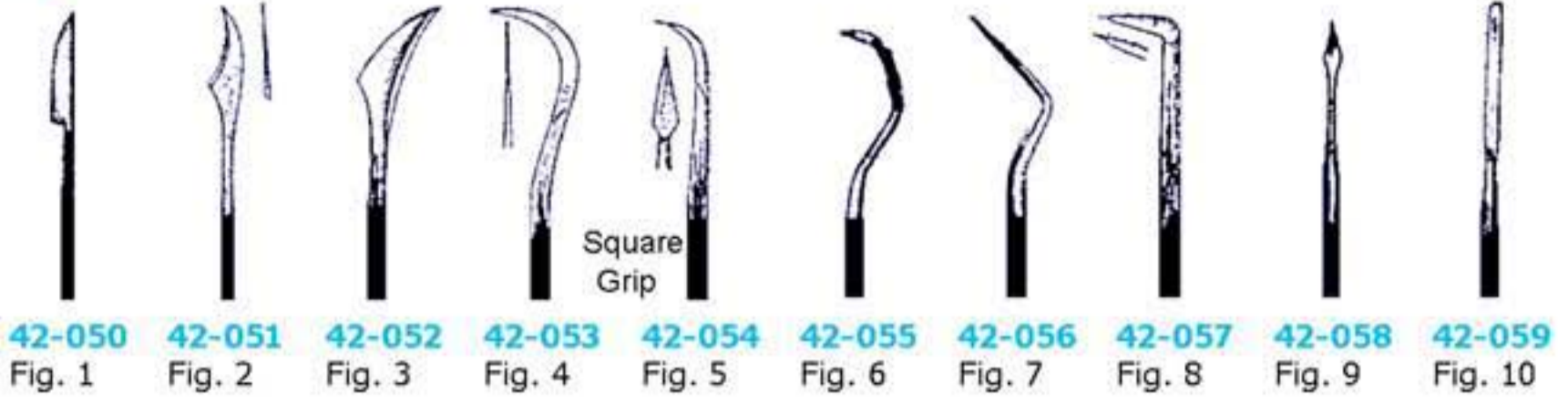
**KEYES**  
12cm

**KEYES TIPS ONLY**  
42-035 = 2mm Ø  
42-036 = 3mm Ø  
42-037 = 4mm Ø  
42-038 = 5mm Ø  
42-039 = 6mm Ø  
42-040 = 7mm Ø

**KEYES Set**  
42-033  
Punch - Complete With Interchangeable Tips  
( 2mm Ø, 3mm Ø, 4mm Ø, 5mm Ø, 6mm Ø, 7mm Ø )

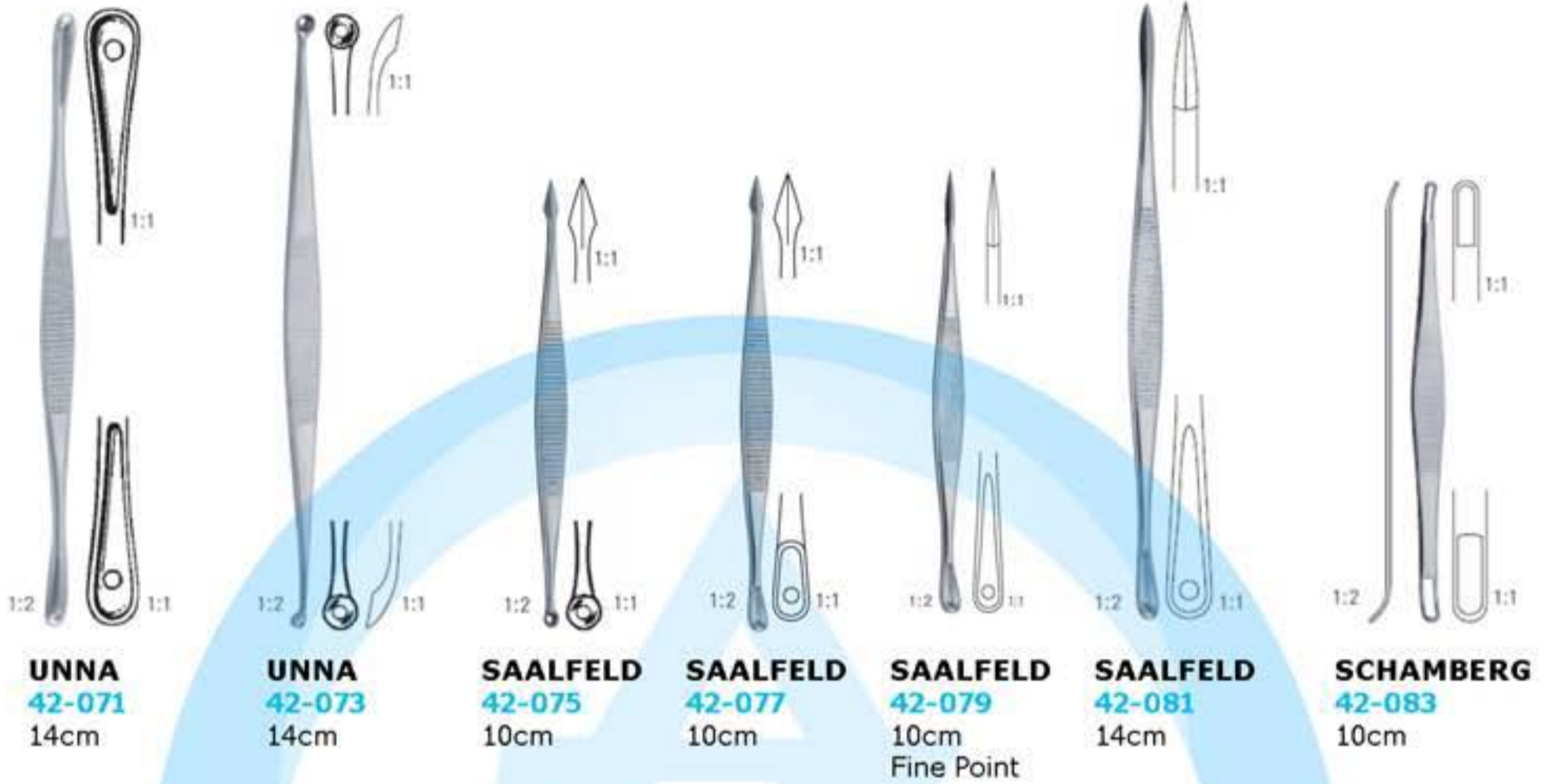
**KEYES HANDLE ONLY**  
42-041 = 12cm

Fig. 1 42-003 3mm Ø  
Fig. 2 42-004 4mm Ø  
Fig. 3 42-005 5mm Ø  
Fig. 4 42-006 6mm Ø  
Fig. 1 42-008  
Fig. 2 42-009  
Fig. 3 42-010  
Fig. 4 42-011  
Fig. 5 42-012  
Fig. 6 42-013  
Fig. 1 42-015 4 - Prongs  
Fig. 2 42-016 5 - Prongs  
Fig. 1 42-020  
Fig. 2 42-021  
Fig. 1 42-025 2mm Ø  
Fig. 2 42-026 3mm Ø  
Fig. 3 42-027 4mm Ø  
Fig. 4 42-028 5mm Ø  
Fig. 5 42-029 6mm Ø  
Fig. 6 42-030 7mm Ø  
Fig. 7 42-031 8mm Ø



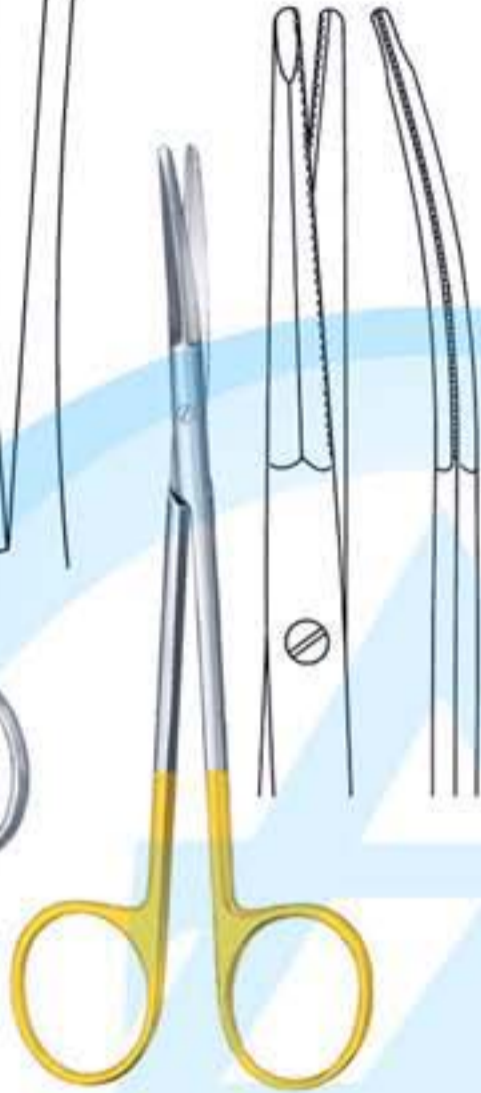
**MONCORPS**  
 42-043  
 14cm  
 Complete Set  
 42-045  
 Handle Only

AZ Wisdom Wise Industries





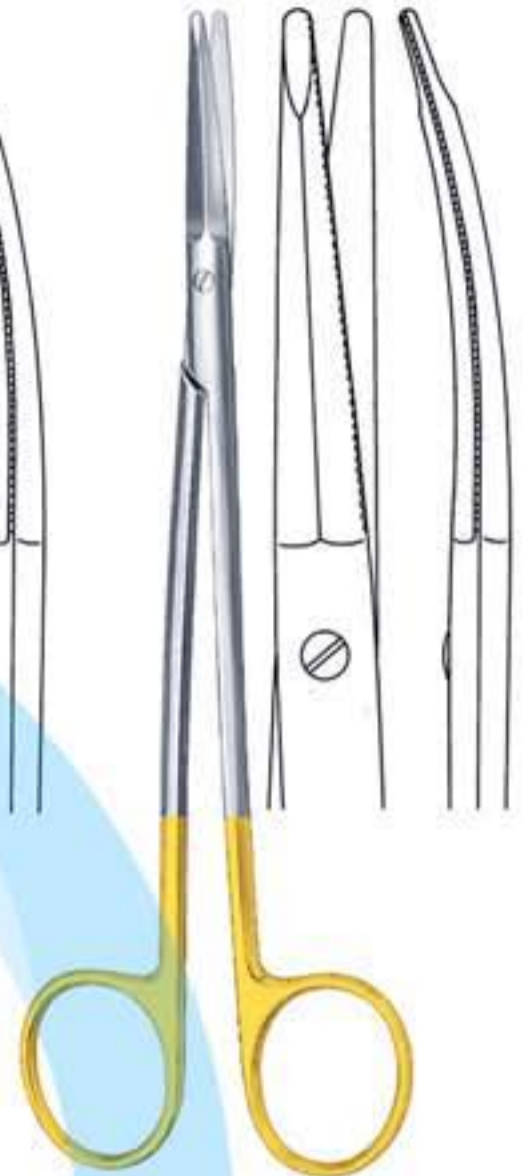
**D'ASSUMPCAO**  
**42-093**  
16cm  
Face - Lift Forceps



**GREGORY T.C GOLD**  
**42-095**  
14.5cm  
Face - Lift Scissors  
Curved, Serrated, Toothed



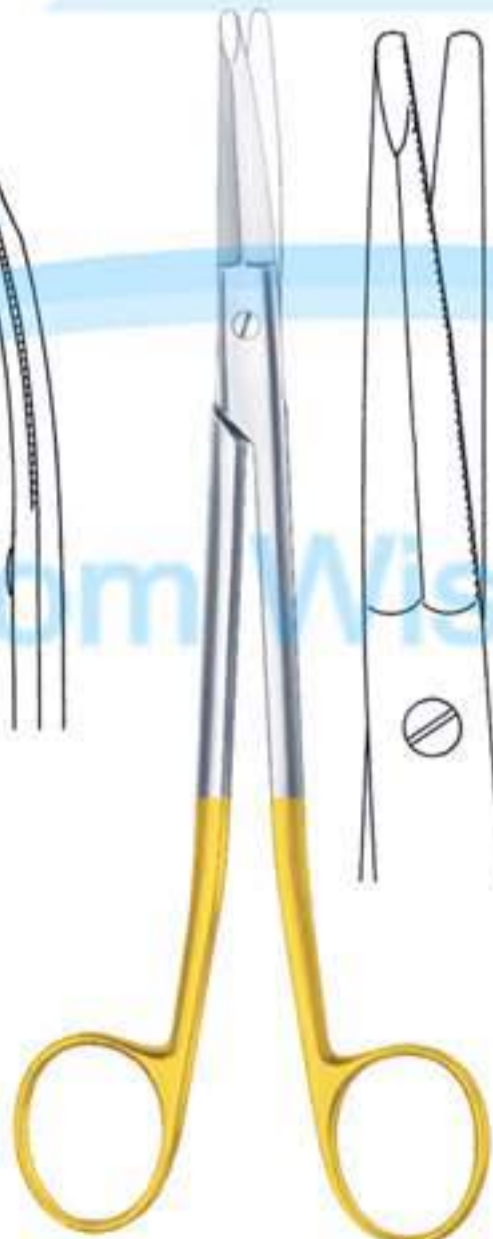
**KAYE T.C GOLD**  
**42-097**  
18cm  
Face - Lift Scissors  
Curved, Serrated



**STELLA - S T.C GOLD**  
**42-099 = 18cm**  
Face - Lift Scissors  
Curved, Serrated



**GORNEY T.C GOLD**  
**42-100 = 17.5cm**  
Face - Lift Scissors  
Curved, Serrated, Toothed



**FREEMAN - KAYE T.C GOLD**  
**42-102 = 18cm**  
Face - Lift Scissors  
Curved, Serrated, Toothed



**FREEMAN T.C GOLD**  
**42-104**  
23cm  
Face - Lift Scissors  
Curved, Serrated,  
Toothed

Sterilisation  
Sterilization  
Stérilisation  
Esterilización  
Sterilizzazione

# 43

## 534 - 538

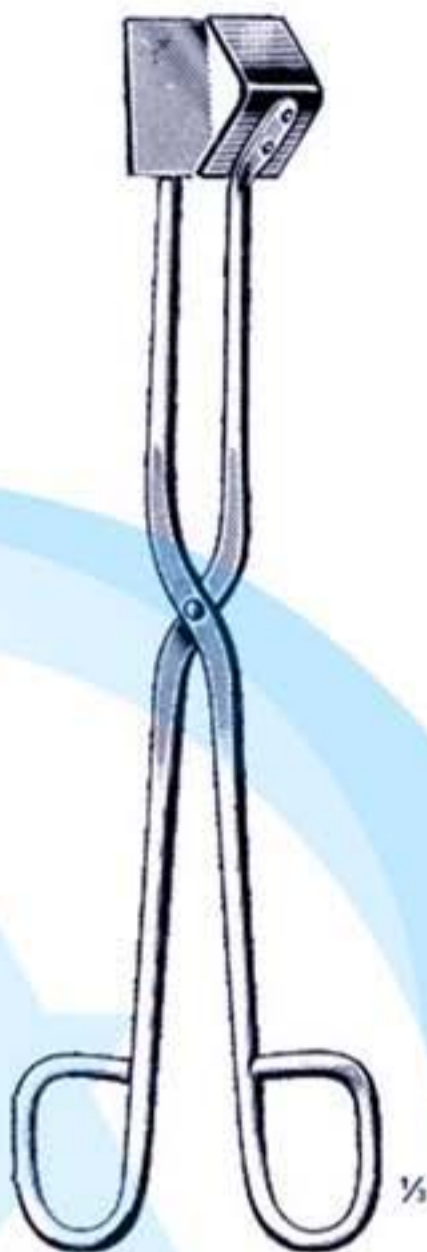




**MARTIN**  
 43-001  
 58cm  
 Waste Forceps



**SAUERBRUCH**  
 43-003  
 55cm  
 Waste Forceps



**STERILISER  
 FORCEPS**  
 43-005  
 24cm



**STERILISER  
 FORCEPS**  
 43-007  
 28cm



**UNIVERSAL  
 FORCEPS**  
 43-009 = 22cm  
 43-010 = 30cm  
 43-011 = 50cm



**STERILIZING  
 FORCEPS**  
 43-013 = Straight = 20cm  
 43-014 = Straight = 27.5cm  
 43-015 = Curved = 20cm  
 43-016 = Curved = 27.5cm





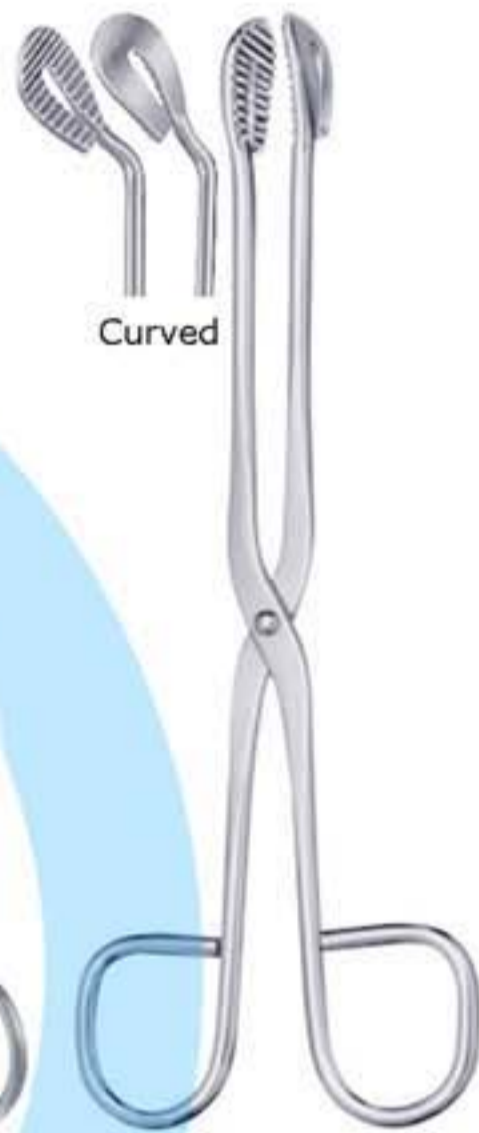
**CHEATLE**  
43-020  
27cm



**ROGGE**  
43-022  
23cm



**STERILIZING FORCEPS**  
43-024  
30cm  
Waste Forceps



Curved

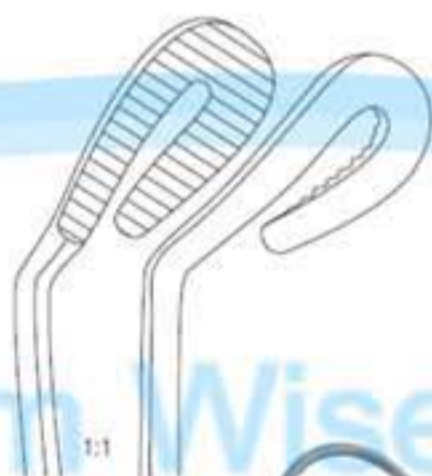
**UNIVAERSAL FORCEPS**  
43-026 = STR = 23cm  
43-027 = STR = 30cm  
43-028 = CVD = 23cm  
43-029 = CVD = 30cm



**UNIVERSAL FORCEPS**



Straight  
43-031 = 20cm  
43-032 = 28cm



Curved  
43-033 = 20cm  
43-034 = 28cm



**BUNT**  
43-036  
12cm



**MAYO**  
43-038 = 11cm  
43-039 = 14cm  
Safety Pin

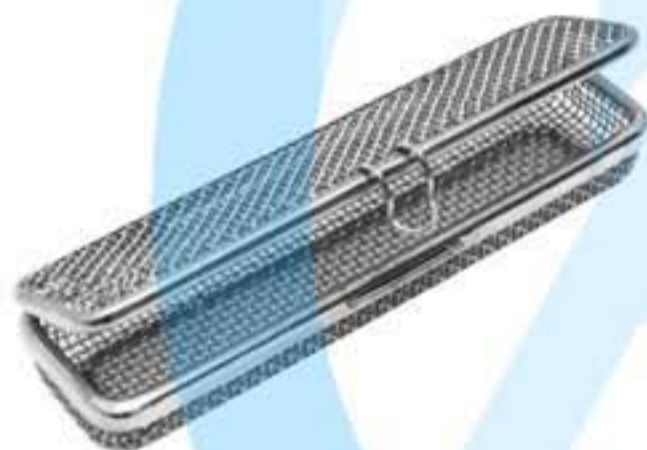


**MAYO**  
43-041 = 11cm  
43-042 = 14cm  
Safety Pin



**Micro Mesh basket With Lid**

Material: Stainless steel  
Mesh size: 2 x 2 mm  
43-045 = 40x40x20mm  
43-046 = 80x40x20mm  
43-047 = 80x40x30mm



**Mesh Basket With Lid**

Material: Stainless steel  
Mesh size: 3.0 x 3.0 mm  
43-049 = 160x40x20 mm  
43-050 = 200x40x40 mm  
43-051 = 200x60x40 mm  
43-052 = 250x50x50 mm

**Micro Mesh Basket With Lid**

Mesh size: 2.0 x 2.0 mm  
43-054 = 160x40x20mm  
43-055 = 200x40x40mm  
43-056 = 200x60x40mm  
43-057 = 250x50x50mm

**Micro Fine Mesh Basket With Lid**

Material: Stainless steel  
Mesh size: 1.0 x 1.0 mm  
43-060 = 70 x 70 x 30 mm  
43-061 = 80 x 80 x 40mm  
43-062 = 90 x 90 x 50mm  
43-063 = 150 x 110 x 20mm  
43-064 = 180 x 130 x 20mm  
43-065 = 225 x 110 x 50mm  
43-066 = 250 x 200 x 20mm  
43-067 = 270 x 135 x 40mm  
43-068 = 300 x 180 x 20mm  
43-069 = 400 x 250 x 50mm

**Micro Mesh Basket With Lid**

Material: Stainless steel  
Mesh size: 2.0 x 2.0 mm  
43-070 = 70x70x30 mm  
43-071 = 80x80x40mm  
43-072 = 90x90x50mm  
43-073 = 150x110x20mm  
43-074 = 180x130x20mm  
43-075 = 225x110x50mm  
43-076 = 250x200x20mm  
43-077 = 270x135x40mm  
43-078 = 300x180x20mm  
43-079 = 400x250x50mm

**Mesh Basket With Lid**

Material: Stainless steel  
Mesh size: 3.0 x 3.0 mm  
43-080 = 70x70x30 mm  
43-081 = 80x80x40mm  
43-082 = 90x90x50mm  
43-083 = 150x110x20mm  
43-084 = 180x130x20mm  
43-085 = 225x110x50mm  
43-086 = 250x200x20mm  
43-087 = 270x135x40mm  
43-088 = 300x180x20mm  
43-089 = 400x250x50mm

AZ Wisdom Wise Industries

Our sterilization trays and baskets can be used to securely store and transport surgical instruments during the cleaning and sterilisation process.

Manufactured with durable Non Magnet 304 stainless steel, making them compatible with all types of detergents.

Micro mesh trays and mesh trays hold smaller items that are difficult to keep track of during sterilization as well as larger items with small parts.

Mesh trays ensure good penetration of sterilant during sterilization.

Instrument trays, pans and covers are heavy duty stainless steel for a tough clean and corrosion resistant surface.

Available in sizing to replace your green plastic trays.

Smooth, rounded surfaces with no sharp edges to ensure protection of instruments, reduce potential oh&s risks to cssd personnel and prevent damage of gloves or wraps.

Small micro mesh basket to securely store small items



### Wire Mesh Trays

Material: Stainless Steel  
Mesh size: 4.0 x 4.0 mm  
Lid: without lid  
**43-100** = 240 x 250 x 50 mm



### Wire Mesh Trays

Material: Stainless Steel  
Sides: Made Of Perforated Sheet  
Frame: With Floor Mesh  
Floor Fabric: 4 x 4 mm  
Lid: Without Lid  
**43-102** = 240x250x60mm  
**43-103** = 240x250x65mm

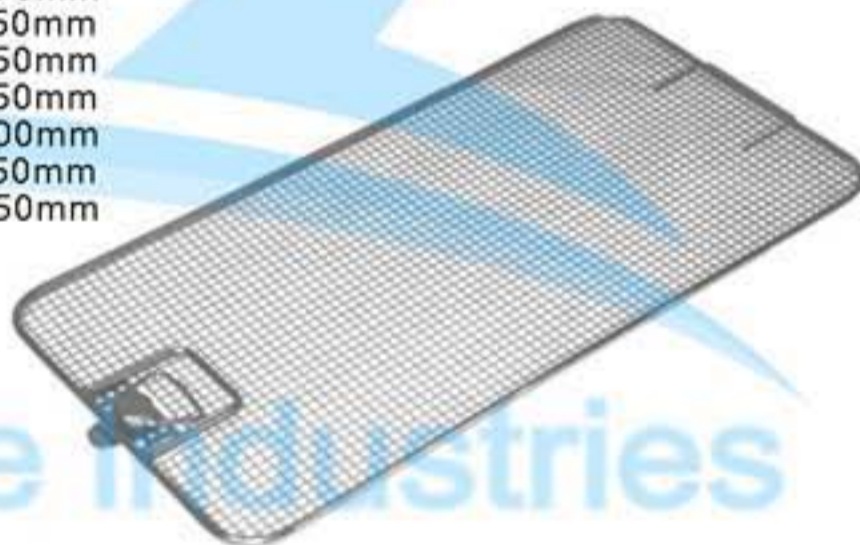
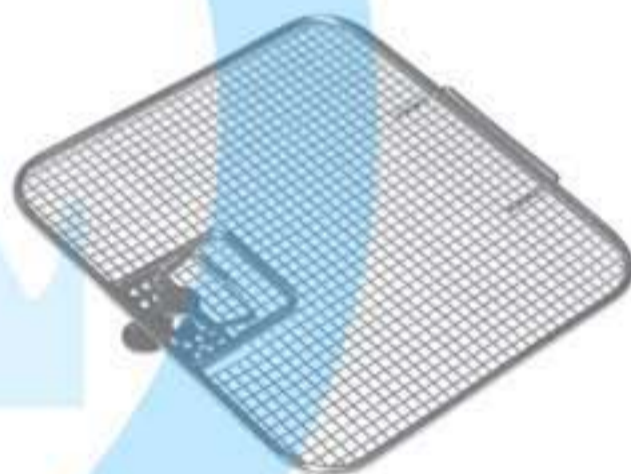


### Wire Mesh Trays

Material: Stainless Steel  
Mesh Size: 5.0 x 5.0 mm  
Lid: Without Lid  
**43-106** = 180x150x30mm  
**43-107** = 200x75x30mm  
**43-108** = 200x100x40mm  
**43-109** = 270x100x40mm  
**43-110** = 270x150x30mm  
**43-111** = 300x205x40mm  
**43-112** = 300x270x60mm  
**43-113** = 400x135x60mm  
**43-114** = 400x270x60mm  
**43-115** = 480x250x50mm  
**43-116** = 480x250x70mm  
**43-117** = 480x250x100mm  
**43-118** = 540x300x60mm  
**43-119** = 560x250x50mm  
**43-120** = 560x250x70mm

### Detachable Lid For Wire Mesh Trays

Material: Stainless Steel  
Mesh Size: 5.0 x 5.0 mm  
Lid: Without Lid  
**43-122** = 180x150mm  
**43-123** = 200x75mm  
**43-124** = 200x100mm  
**43-125** = 270x100mm  
**43-126** = 270x150mm  
**43-127** = 300x205mm  
**43-128** = 300x270mm  
**43-129** = 400x135mm  
**43-130** = 400x270mm  
**43-131** = 480x250mm  
**43-132** = 480x250mm  
**43-133** = 480x250mm  
**43-134** = 540x300mm  
**43-135** = 560x250mm  
**43-136** = 560x250mm



Our sterilization trays and baskets can be used to securely store and transport surgical instruments during the cleaning and sterilisation process.

Manufactured with durable Non Magnet 304 stainless steel, making them compatible with all types of detergents.

Micro mesh trays and mesh trays hold smaller items that are difficult to keep track of during sterilization as well as larger items with small parts.

Mesh trays ensure good penetration of sterilant during sterilization.

Instrument trays, pans and covers are heavy duty stainless steel for a tough clean and corrosion resistant surface.

Available in sizing to replace your green plastic trays.

Smooth, rounded surfaces with no sharp edges to ensure protection of instruments, reduce potential oh&s risks to cssd personnel and prevent damage of gloves or wraps.

Small micro mesh basket to securely store small items

Verschiedenes  
Miscellaneous  
Diversos articulos  
Articles divers  
Articoli diversi

**44**

**539 - 542**





**LEAD HANDS**

44-001 = For Children  
44-002 = For Adults

**LEAD HANDS WITH SILICONE COATING**

44-004 = For Children  
44-005 = For Adults

AZ Wisdom Wise Industries



1:2

**MARTIN - IDEAL**

44-007 = Set

Complete With Fig. 1 To Fig. 3



44-008  
Fig. 1



44-009  
Fig. 2



44-010  
Fig. 3



1:2

**FELDHEIM**

44-012

10cm

Tourniquet For Finger And Toes



1:2

**ANVIL**

44-014

12.5cm



44-016  
3mm

44-017  
6mm

1:2

**RODOLF**

13.5cm



1:2

**FINGER RING CUTTER**

44-019

17cm

44-020

Blade Only



1:2

**WALTON FINGER RING CUTTER**

44-022

16cm



44-024  
Blade Only



1:2

**FINGER RING CUTTER**

44-026

17cm



44-028  
Blade Only



**SIDE NAIL CUTTER**

44-030 = 11cm  
44-031 = 13cm  
44-032 = 15cm



**NAIL CUTTER**

44-034  
14cm



**NAIL CUTTER**

44-036  
14cm



**NURSE SET  
NAIL SCISSORS  
AND FILE  
WITH CHAIN**

44-038  
10.5cm



**NAIL SCISSORS**

44-040  
10.5cm



**TURNBULL**

44-042 = 11.5cm  
44-043 = 13cm



**CUTICLE  
NIPPER**

44-045  
10cm



**COHEN  
NIPPER**

44-047  
10cm



**FINGER  
NAIL CUTTER**

44-049  
14cm



**FINGER  
NAIL CUTTER**

44-051  
12cm



**CUTICLE NIPPER**

44-053  
13cm

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**CUTICLE NIPPER**

44-055  
11cm Fine, Curved



**CUTICLE SCISSORS**

44-057 = 10.5cm  
44-058 = 11.5cm  
Delicate Pattern Straight



**CUTICLE SCISSORS**

44-060 = 10.5cm  
44-061 = 11.5cm  
Delicate Pattern Curved



**FINGER  
NAIL FILE**

44-063  
9cm, Solid



**FINGER  
NAIL FILE**

44-065  
11cm, Sheet



**FINGER NAIL FILE  
SAPPHIRE COATING**

44-067  
16cm

Hohlware  
Hollowware  
Creuse  
Mercancías huecas  
Articoli cavi

# 45

## 543 - 564







**CLEANING BRUSH**  
45-007  
Plastic

**1 TAMPON FORCEPS, CURVED,  
WITH RACHET WITH LID JAR  
1 JAR WITH WIDE BOTTOM PLATE**

- 45-001 = 25cm = Complete Set
- 45-002 = 30cm = Complete Set
- 45-003 = Forceps Jar 180x50mm Only
- 45-004 = Lid Only
- 45-005 = Sterilizing Forceps Curved 25cm Only



**LID ONLY FOR  
FORCEPS JAR  
(TRIANGLE HOLE)**

- 45-020 = 32x10mm
- 45-021 = 52x10mm
- 45-022 = 77x10mm
- 45-023 = 102x10mm

**FORCEPS JAR (CYLINDER STAND)**

- |                   |                    |
|-------------------|--------------------|
| 45-010 = 30x90mm  | 45-015 = 75x130mm  |
| 45-011 = 50x100mm | 45-016 = 75x175mm  |
| 45-012 = 50x130mm | 45-017 = 100x175mm |
| 45-013 = 50x175mm | 45-018 = 100x200mm |
| 45-014 = 75x100mm |                    |



**NEEDLE STERILIZING CASE  
PERFORATED LID AND BOTTOM**  
45-025 = 150x95x13mm



**NEEDLE STERILIZING CASE  
PERFORATED LID AND BOTTOM**  
45-027 = 150x95x13mm



**NEEDLE STERILIZING CASE  
PERFORATED LID AND BOTTOM**  
45-029 = 150x95x13mm



**NEEDLE STERILIZING CASE  
PERFORATED LID AND BOTTOM**  
45-031 = 150x95x13mm



**NEEDLE STERILIZING CASE  
CLOSED, LID AND BOTTOM**  
45-033 = 150x95x13mm



**NEEDLE STERILIZING TRAY  
PERFORATED BOTTOM**  
45-035 = 150x95x11mm



**SAUERBRUCH  
NEEDLE STERILIZING CASE  
PERFORATED LID AND BOTTOM**

45-037 = 150x95x13mm  
45-038 = 210x125x17mm  
45-039 = 300x150x30mm



**SAUERBRUCH  
NEEDLE STERILIZING CASE  
PERFORATED LID AND BOTTOM**

45-041 = 210x125x17mm



**NEEDLE STERILIZING CASE  
CLOSED LID AND BOTTOM**

45-043 = 150x95x13mm



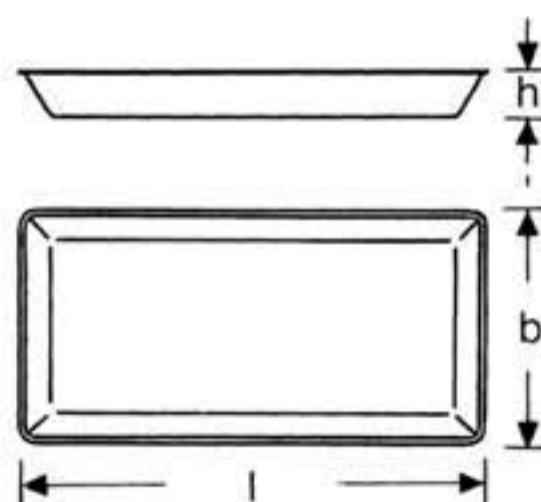
**NEEDLE STERILIZING CASE  
PERFORATED LID AND BOTTOM**

45-045 = 50x25x4.5mm  
45-046 = 65x42x8mm  
45-047 = 75x25x4.5mm

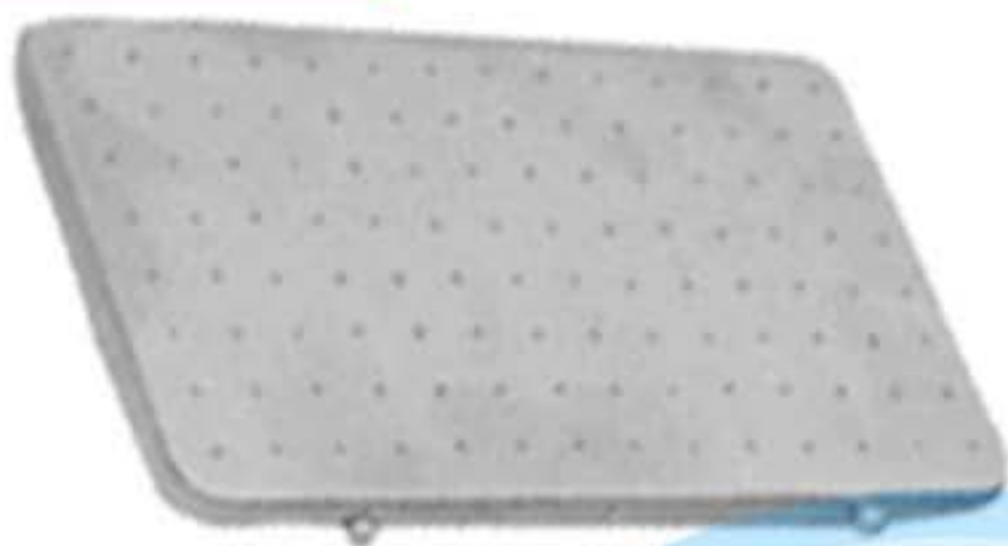


**NEEDLE STERILIZING CASE  
CLOSED LID AND BOTTOM**

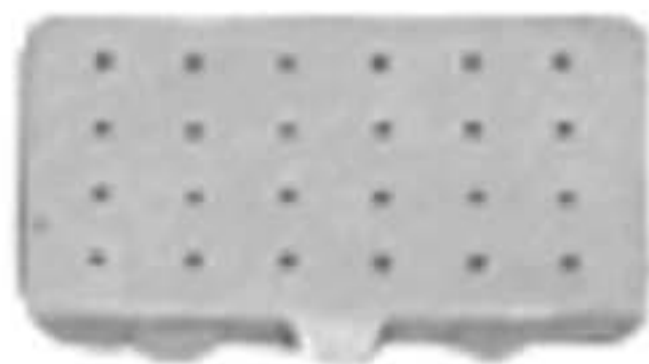
45-049 = 50x25x4.5mm  
45-050 = 65x42x8mm  
45-051 = 75x25x4.5mm



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**NEEDLE STERILIZING CASE PERFORATED**  
45-053 = 200x100x25mm



**NEEDLE STERILIZING CASE**  
45-055  
Perforated



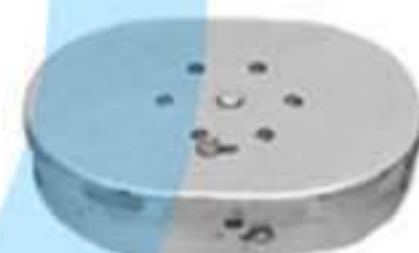
**NEEDLE STERILIZING CASE ROUND  
INTERIER BOX, PERFORATED  
LID AND BOTTOM**  
45-057 = 61x15mm  
45-058 = 100x20mm



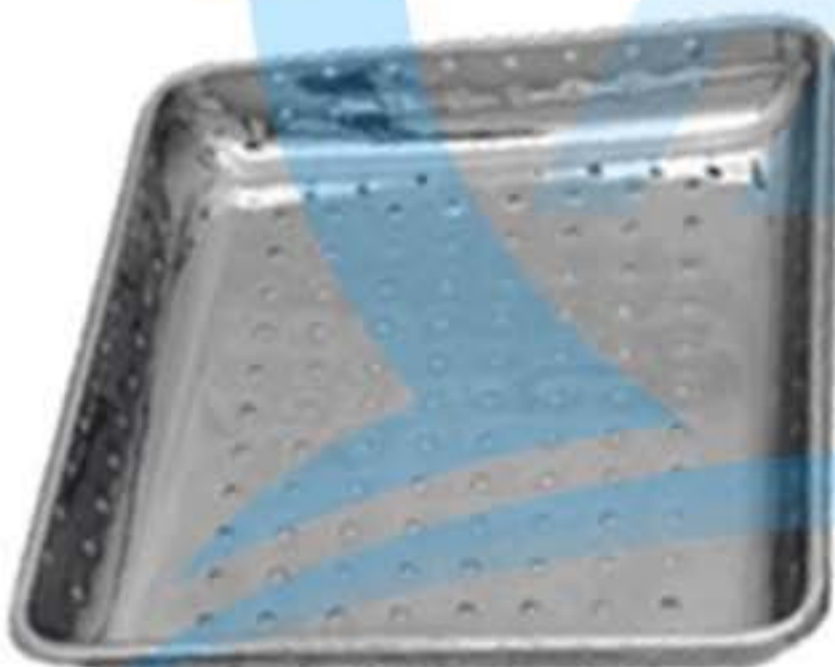
**NEEDLE STERILIZING  
CASE ROUND, CLOSED,  
COMPLETE SET WITH  
PERFORATED  
INTERIER BOX  
LID AND BOTTOM**  
45-060 = 65x15mm  
45-061 = 67x18mm



**NEEDLE STERILIZING CASE**  
45-063  
Perforated



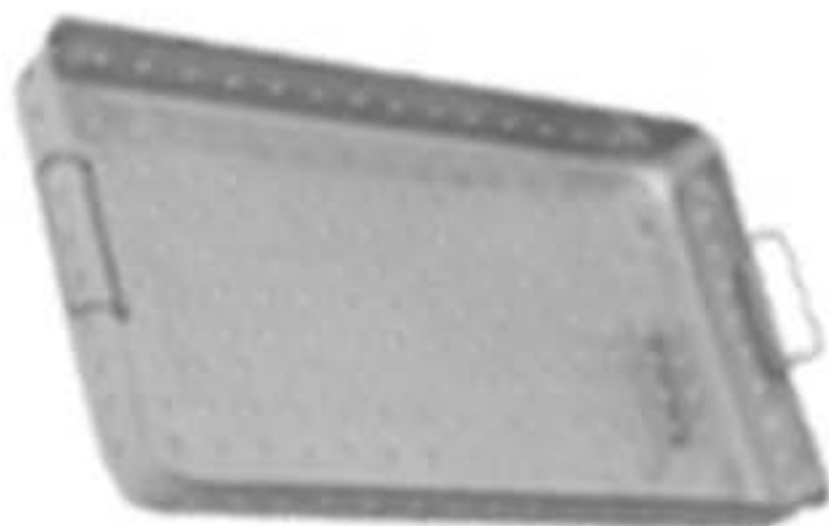
**NEEDLE STERILIZING CASE**  
45-065  
Perforated



**PERFORATED TRAYS**  
45-070 = 300x250x60mm  
45-071 = 250x150x25mm



**NEEDLE STERILIZING CASE**  
45-067  
Closed



**PERFORATED TRAYS**  
45-073 = 200x100x50mm  
45-074 = 300x150x50mm  
45-075 = 300x200x100mm



**PERFORATED TRAY  
ALLUMINIUM**  
45-077 = 300x250x50mm



**WASHING BOWL**  
45-080 = 330x90mm  
45-081 = 330x115mm



**WASHING BOWL**  
45-083 = 40x19mm  
45-084 = 61x30mm  
45-085 = 80x40mm  
45-086 = 116x35mm  
45-087 = 116x50mm  
45-088 = 128x38mm  
45-089 = 128x55mm  
45-090 = 147x50mm  
45-091 = 147x65mm  
45-092 = 167x45mm  
45-093 = 187x45mm



**WASH BASIN, FLAT BOWL**  
45-095 = 40x19mm  
45-096 = 50x25mm  
45-097 = 61x30mm  
45-098 = 80x40mm  
45-099 = 100x45mm  
45-100 = 116x50mm  
45-101 = 128x55mm  
45-102 = 147x65mm  
45-103 = 167x75mm  
45-104 = 187x85mm  
45-105 = 200x90mm  
45-106 = 250x100mm  
45-107 = 300x90mm  
45-108 = 350x95mm  
45-109 = 400x100mm



**WASH BASIN, ROUND BOWL**  
45-111 = 115x50mm  
45-112 = 128x55mm  
45-113 = 150x60mm  
45-114 = 220x70mm

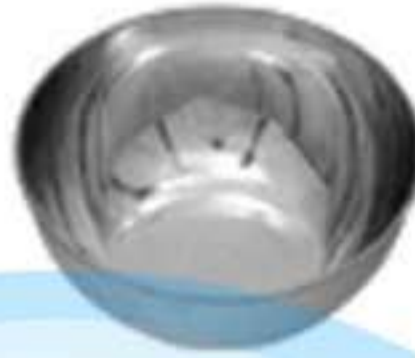


**BOWL, TARNISHED**  
45-116 = 165x60mm  
45-117 = 175x70mm  
45-118 = 220x80mm  
45-119 = 240x110mm  
45-120 = 275x115mm  
45-121 = 290x125mm  
45-122 = 310x120mm  
45-123 = 345x125mm  
45-124 = 380x130mm



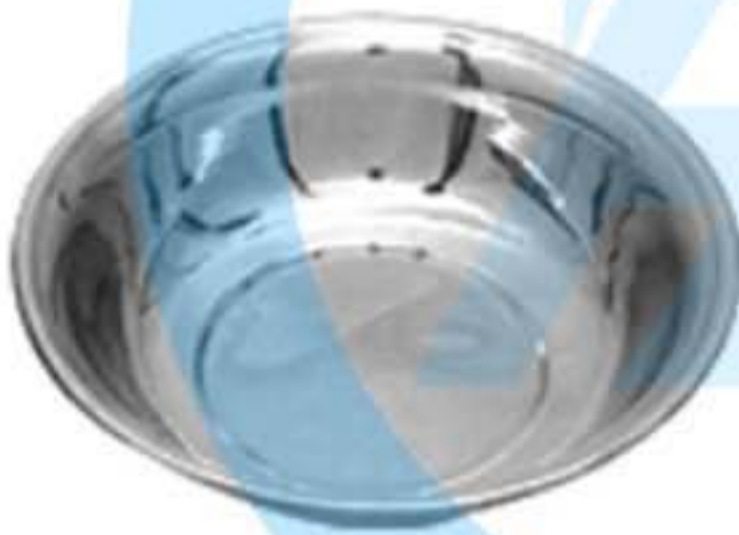
**LOTION BOWL**

45-126 = 180x90mm  
45-127 = 200x100mm  
45-128 = 250x125mm  
45-129 = 300x150mm  
45-130 = 350x160mm  
45-131 = 400x175mm



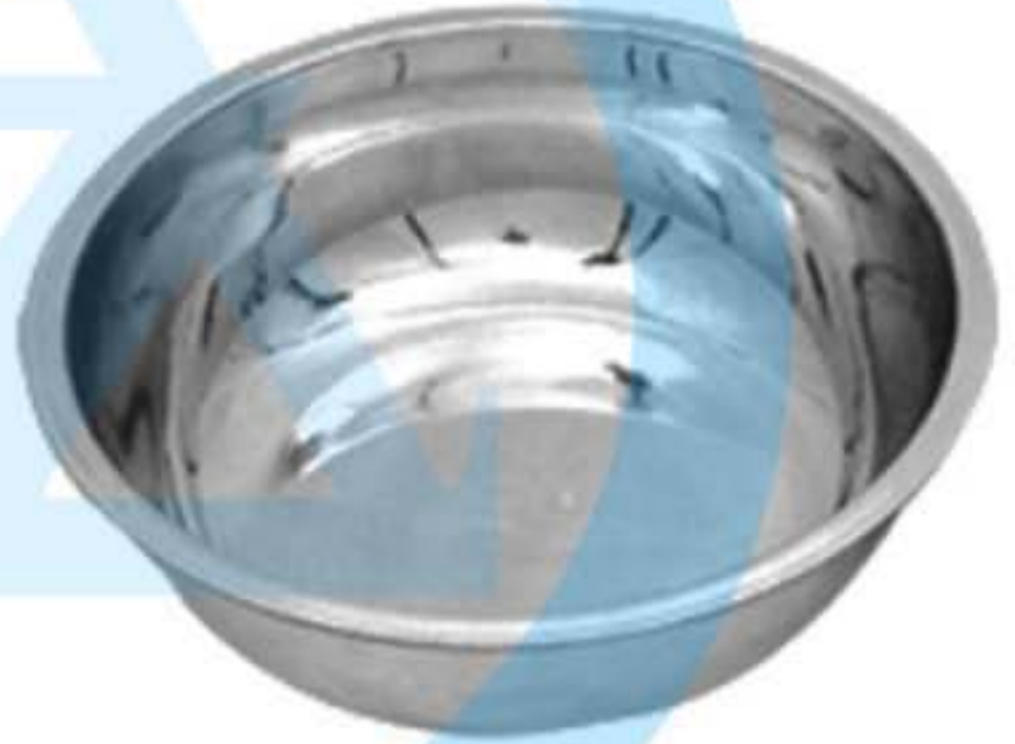
**LOTION BOWL**

45-133 = 75x50mm  
45-134 = 100x60mm  
45-135 = 150x75mm



**WASH BASIN**

45-137 = 200x90mm  
45-138 = 250x100mm  
45-139 = 300x90mm  
45-140 = 350x95mm  
45-141 = 400x100mm



**WASH BASIN**

45-143 = 100mm  
45-144 = 125mm  
45-145 = 150mm  
45-146 = 180mm  
45-147 = 200mm  
45-148 = 250mm

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**SPONGE BOWL**

45-150 = 50ml  
45-151 = 100ml  
45-152 = 150ml



**SPONGE BOWL**

45-154 = 50ml  
45-155 = 100ml  
45-156 = 150ml



**SPONGE BOWL**

45-158 = 150x70mm  
45-159 = 200x100mm



**BOWL WITH LID**

45-161 = 100x60mm  
45-162 = 150x75mm  
45-163 = 200x100mm



**BOWL / PANS WITH LIP / SPOUT**

45-165 = 40mm  
45-166 = 60mm  
45-167 = 80mm  
45-168 = 100mm  
45-169 = 150mm



**PANS WITH HANDLE**

45-171 = 100x90mm  
45-172 = 120x100mm  
45-173 = 150x80mm  
45-174 = 150x110mm  
45-175 = 180x120mm  
45-176 = 200x150mm

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**GALLIPOTS**

- 45-181 = 25ml
- 45-182 = 50ml
- 45-183 = 75ml
- 45-184 = 100ml
- 45-185 = 150ml
- 45-186 = 200ml
- 45-187 = 250ml



**GALLIPOT WITH LIP**

- 45-191 = 25ml
- 45-192 = 50ml
- 45-193 = 75ml
- 45-194 = 100ml
- 45-195 = 150ml
- 45-196 = 200ml
- 45-197 = 250ml



**GALLIPOT WITH LID**

- 45-101 = 25ml
- 45-102 = 50ml
- 45-103 = 75ml
- 45-104 = 100ml
- 45-105 = 150ml
- 45-106 = 200ml
- 45-107 = 250ml



**SPUTUM CUP WITH LID**

- 45-109 = 100x75mm



**GALLIPOT WITH LID AND KNOB**

- 45-111 = 25ml
- 45-112 = 50ml
- 45-113 = 75ml
- 45-114 = 100ml
- 45-115 = 150ml
- 45-116 = 200ml
- 45-117 = 250ml



**UTIDAN CUP**

- 45-119 = 100x75mm



**BEAKER**

- 45-121 = 100x100mm



**MEASURING JUG SIMPLE**

- 45-123 = 100x100mm

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**DRESSING JAR WITH LID**

- 45-125 = 75x60mm
- 45-126 = 75x75mm
- 45-127 = 100x100mm
- 45-128 = 100x125mm
- 45-129 = 125x150mm
- 45-130 = 125x180mm
- 45-131 = 150x150mm
- 45-132 = 200x200mm



**SPUTUM MUGS, TARNISHED**

- 45-134 = 95x60mm
- 45-135 = 100x100mm



**DRUM SHAPED, DRESSING JAR WITH LID**

- 45-137 = 120x80mm
- 45-138 = 120x120mm
- 45-139 = 150x100mm
- 45-140 = 150x140mm
- 45-141 = 200x100mm
- 45-142 = 200x150mm
- 45-143 = 200x180mm
- 45-144 = 240x150mm
- 45-145 = 240x220mm
- 45-146 = 240x240mm



**STERILIZING INSTRUMENTS JAR WITH LID**

- 45-148 = 95x60mm
- 45-149 = 105x60mm
- 45-150 = 105x100mm

**DRESSING JAR WITH LID**

- 45-152 = 75x60mm
- 45-153 = 75x75mm
- 45-154 = 100x100mm
- 45-155 = 100x125mm
- 45-156 = 125x150mm
- 45-157 = 150x150mm
- 45-158 = 125x180mm
- 45-159 = 200x200mm

**CONTAINER FOR COTTON WITH LID**

- 45-161 = 150x75mm

**IRRIGATOR ENEMA CANE**

- 45-163 = 500ml
- 45-164 = 1000ml
- 45-165 = 1500ml



**IRRIGATOR ENEMA CANE**

- 45-167 = 500ml
- 45-168 = 1000ml
- 45-169 = 1500ml



**MEASURING CUP  
GRADUATED**

45-170 = 250ml  
45-171 = 500ml  
45-172 = 1000ml  
45-173 = 2000ml



**MEDICINE SPOON**  
45-175 = 20CC



**FINGER CUP**  
45-177 = 30mm Ø



**MEDICINE CUP  
GRADUATED INSIDE**

45-179 = 50CC  
45-180 = 60CC  
45-181 = 80CC  
45-182 = 100CC



**MEDICINE CUP  
GRADUATED TARNISHED**

45-184 = 25CC  
45-185 = 40CC



**MEDICINE JUG  
GRADUATED TARNISHED**

45-187 = 250ml  
45-188 = 500ml  
45-189 = 1000ml



**FEEDING CUP**

45-191 = 100x80mm  
45-192 = 200x80mm



**FEEDING CUP**  
45-197 = 100x75mm



**FEEDING CUP  
WITH LID**

45-194 = 100x80mm  
45-195 = 200x80mm



**KIDNEY TRAY DEEP DESIGN**  
45-200 = 30cm



**KIDNEY TRAY FLAT DESIGN**  
45-220 = 30cm



**KIDNEY TRAY DEEP DESIGN**  
45-202 = 25cm



**KIDNEY TRAY FLAT DESIGN**  
45-222 = 25cm



**KIDNEY TRAY DEEP DESIGN**  
45-204 = 20cm



**KIDNEY TRAY DEEP DESIGN**  
45-206 = 17cm  
45-208 = 15cm



**KIDNEY TRAY FLAT DESIGN**  
45-224 = 20cm



**KIDNEY TRAY LID FOR DEEP DESIGN**  
45-210 = 15cm  
45-211 = 17cm  
45-212 = 20cm  
45-213 = 25cm  
45-214 = 30cm



**KIDNEY TRAY LID FOR FLAT DESIGN**  
45-226 = 20cm  
45-227 = 25cm  
45-228 = 30cm



**KIDNEY TRAY DEEP ROUND DESIGN**  
45-230 = 30cm



**KIDNEY TRAY DEEP ROUND DESIGN**  
45-232 = 25cm



**KIDNEY TRAY DEEP ROUND DESIGN**  
45-234 = 20cm



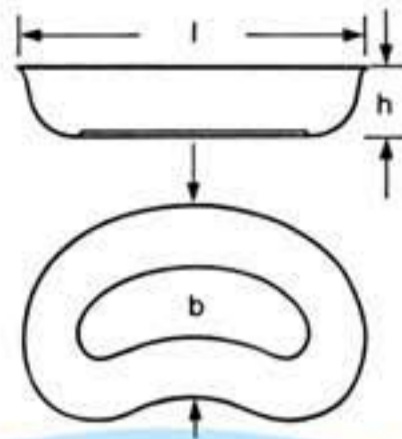
**KIDNEY TRAY DEEP ROUND DESIGN**  
45-236 = 17cm  
45-237 = 15cm



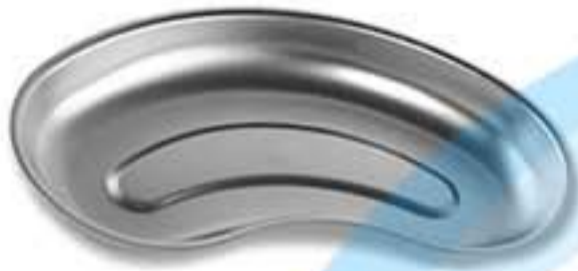
**KIDNEY TRAY LID FOR DEEP ROUND DESIGN**  
45-239 = 30cm  
45-240 = 25cm  
45-241 = 20cm  
45-242 = 17cm  
45-243 = 15cm



**KIDNEY TRAY SHALLOW DESIGN**  
45-245 = 30cm



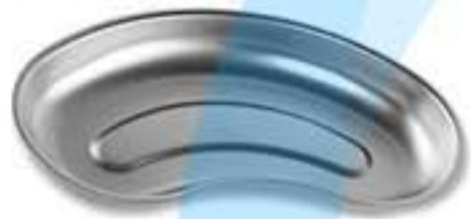
**KIDNEY TRAY SHALLOW DEEP DESIGN**  
45-260 = 30cm



**KIDNEY TRAY SHALLOW DESIGN**  
45-247 = 25cm



**KIDNEY TRAY SHALLOW DEEP DESIGN**  
45-262 = 25cm



**KIDNEY TRAY SHALLOW DESIGN**  
45-249 = 20cm



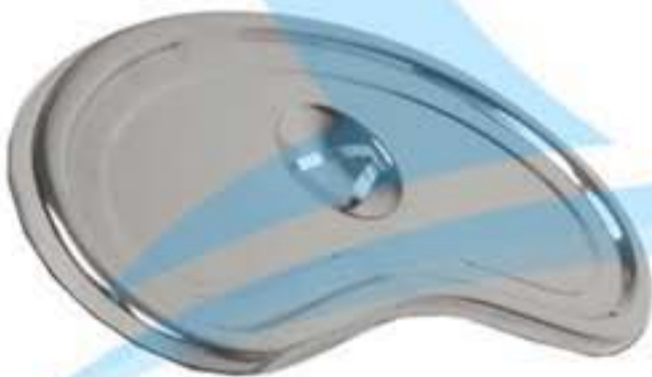
**KIDNEY TRAY SHALLOW DEEP DESIGN**  
45-264 = 20cm



**KIDNEY TRAY SHALLOW DESIGN**  
45-251 = 17cm  
45-252 = 15cm



**KIDNEY TRAY SHALLOW DEEP DESIGN**  
45-266 = 17cm  
45-267 = 15cm



**KIDNEY TRAY LID FOR SHALLOW DESIGN**  
45-254 = 15cm  
45-255 = 17cm  
45-256 = 20cm  
45-257 = 25cm  
45-258 = 30cm



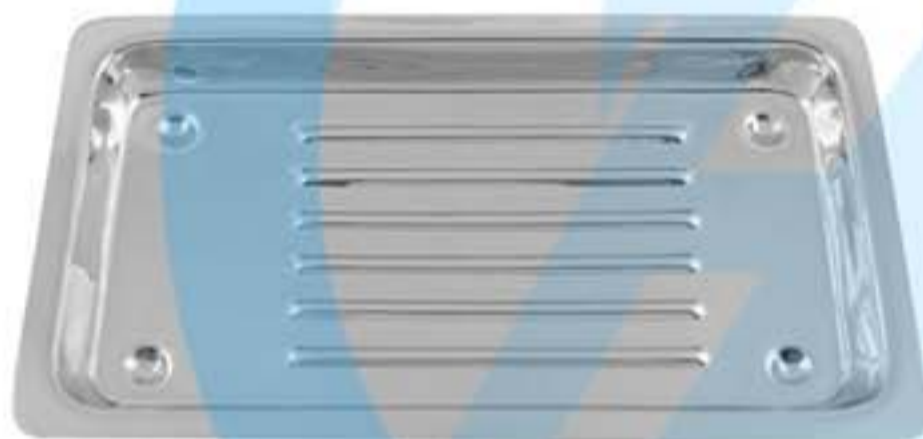
**KIDNEY TRAY LID FOR SHALLOW DEEP DESIGN**  
45-269 = 15cm  
45-270 = 17cm  
45-271 = 20cm  
45-272 = 25cm  
45-273 = 30cm



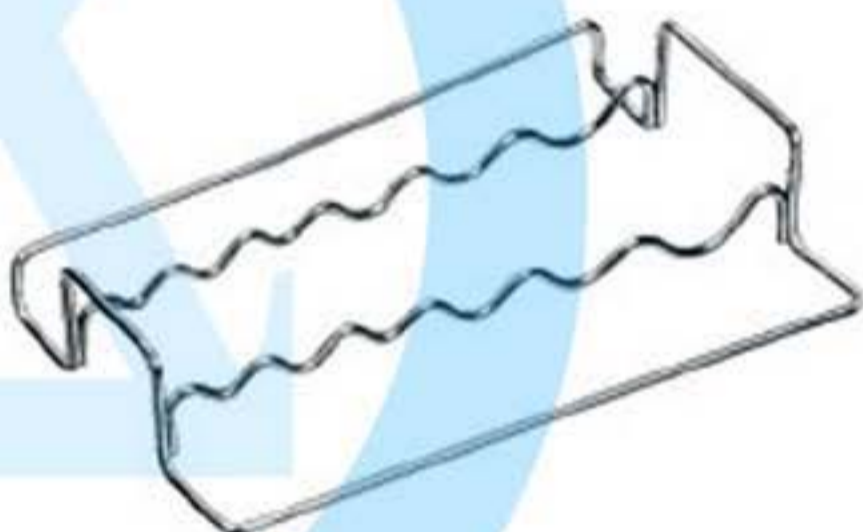
**TRAY BOWL SQUARE**  
45-275 = 235x190x40mm



**INSTRUMENTS TRAY FOR SYRINGES**  
45-277 = 260x110x60mm  
45-278 = 240x180x10mm  
45-279 = 310x150x10mm  
45-280 = 310x210x10mm  
45-281 = 350x240x10mm  
45-282 = 400x280x10mm



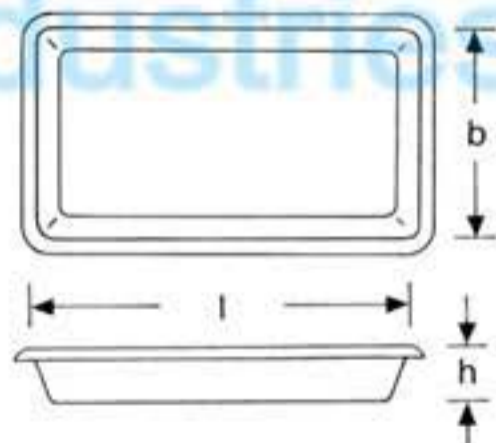
**SCALER TRAY**  
45-284 = 120x205x13mm



**RACK FOR 6 - SYRINGES FOR 6 DEFFERENT SIZE**  
45-286



**INSTRUMENTS TRAY DISH SQUARE**  
45-288 = 230x130x30mm  
45-289 = 300x250x30mm  
45-290 = 300x200x40mm  
45-291 = 355x350x40mm  
45-292 = 400x300x50mm





**INSTRUMENTS TRAYS**

45-293 = 200x100x20mm

45-294 = 200x150x25mm



**INSTRUMENTS TRAYS  
SHALLOW DESIGN**

45-296 = 250x200x40mm

45-297 = 300x200x50mm



**INSTRUMENTS TRAYS  
SHALLOW DESIGN**

45-300 = 200x150x25mm

45-301 = 250x200x30mm

45-302 = 300x255x30mm

45-303 = 355x255x40mm



**INSTRUMENTS TRAYS MEYO STAND**

45-305 = 255x200x18mm

45-306 = 355x250x16mm

45-307 = 400x300x16mm

45-308 = 450x300x20mm



**FOOD TRAYS  
COMPARTMENTAL**

45-310 = 350x300mm



**INSTRUMENTS TRAYS  
SHALLOW DESIGN**

45-312 = 150x75x16mm

45-313 = 200x100x16mm



**INSTRUMENTS TRAYS  
WITH LID**

45-315 = 200x100mm

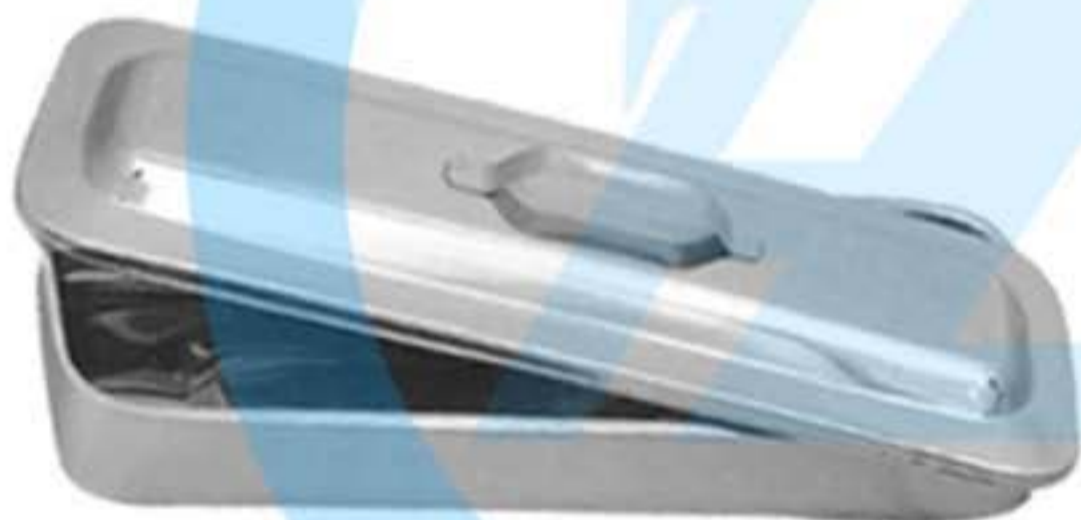
45-316 = 300x150mm

45-317 = 400x300mm



**INSTRUMENTS TRAYS  
WITH LID**

45-319 = 150x75mm



**CATHETER TRAYS  
WITH LID**

45-321 = 200x75x35mm

45-322 = 210x115x45mm

45-323 = 400x100x50mm



**LID FOR WASTE BUCKET**

45-325



**SOAP DISH**

45-327



**WASTE BUCKET WITH LID  
GRADUATED INSIDE**

45-329 = 325x305x15mm

45-330 = 300x200x12mm



**INSTRUMENTS BOX PLAIN**

45-332 = 180x80x40mm  
45-333 = 200x100x50mm



**INSTRUMENTS BOX SIMPLE**

45-335 = 200x100x50mm  
45-336 = 250x125x50mm



**INSTRUMENTS BOX PLAIN WITH KNOB WITH LOCK**

45-341 = 200x100x50mm  
45-342 = 250x125x50mm



**INSTRUMENTS BOX SIMPLE WITH KNOB**

45-338 = 200x100x50mm  
45-339 = 250x125x50mm



**INSTRUMENTS BOX SIMPLE WITH KNOB WITH LOCK**

45-344 = 180x80x40mm  
45-345 = 200x100x60mm  
45-346 = 220x120x60mm  
45-347 = 250x120x60mm  
45-348 = 300x125x60mm  
45-349 = 400x160x75mm



**INSTRUMENTS BOX SHALLOW DESIGN**

45-351 = 180x80x40mm  
45-352 = 200x100x50mm  
45-353 = 200x100x40mm  
45-354 = 220x120x50mm  
45-355 = 220x120x60mm  
45-356 = 250x120x60mm  
45-357 = 300x150x65mm



**INSTRUMENTS BOX SHALLOW DESIGN**

45-361 = 180x80x40mm  
45-362 = 200x100x60mm  
45-363 = 220x120x60mm  
45-364 = 250x120x60mm  
45-365 = 300x150x60mm  
45-366 = 300x200x60mm  
45-367 = 400x200x90mm  
45-368 = 400x200x120mm





**BRIEF CASES**

45-376 = 180x75x40mm  
45-377 = 200x100x50mm

**BRIEF CASES**

45-373 = 230x125x50mm  
45-374 = 250x125x50mm

**BRIEF CASES**

45-370 = 200x100x60mm  
45-371 = 250x125x60mm



**INSTRUMENTS BOX  
WITH LOCK  
WITH LID**

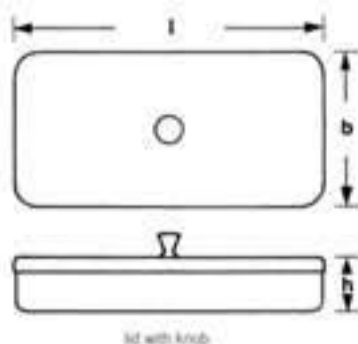
45-380 = 180x80x40mm  
45-381 = 200x100x60mm  
45-382 = 220x120x60mm  
45-383 = 250x120x60mm  
45-384 = 300x200x60mm

**INSTRUMENTS BOX  
WITH LID**

45-386 = 180x80x40mm  
45-387 = 200x100x60mm  
45-388 = 220x120x60mm  
45-389 = 250x120x60mm  
45-390 = 300x200x60mm

**INSTRUMENTS BOX  
WITH KNOB  
WITH LOCK  
WITH LID**

45-392 = 180x80x40mm  
45-393 = 200x100x60mm  
45-394 = 220x120x60mm  
45-395 = 250x120x60mm  
45-396 = 300x200x60mm



**INSTRUMENTS TRAYS  
WITH LID COVER  
TARNISHED WITH KNOB**

45-400 = 180x80x40mm  
45-401 = 200x100x60mm  
45-402 = 220x120x60mm  
45-403 = 250x120x60mm  
45-404 = 300x200x60mm



**STERILIZING DRUM**

- 45-410 = 150x150mm
- 45-411 = 190x140mm
- 45-412 = 190x200mm
- 45-413 = 240x120mm
- 45-414 = 240x160mm
- 45-415 = 240x240mm
- 45-416 = 290x120mm
- 45-417 = 290x160mm
- 45-418 = 290x240mm
- 45-419 = 240x160mm
- 45-420 = 240x240mm
- 45-421 = 390x145mm
- 45-422 = 390x200mm
- 45-423 = 390x290mm



**SCHIMMELBUSCH  
STERILIZING DRUM**

- 45-430 = 106x116mm
  - 45-431 = 188x183mm
  - 45-432 = 239x159mm
  - 45-433 = 239x238mm
  - 45-434 = 285x159mm
  - 45-435 = 334x236mm
  - 45-436 = 384x286mm
- Overall Measurements



**INSTRUMENTS BOX  
PERFORATED  
WITH LOCK**

- 45-451 = 402x158x112mm
- 45-452 = 402x158x52mm
- 45-453 = 392x138x77mm
- 45-454 = 392x138x32mm
- 45-455 = 182x138x32mm
- 45-456 = 302x158x112mm
- 45-457 = 302x158x52mm
- 45-458 = 332x118x67mm
- 45-459 = 332x118x27mm
- 45-460 = 162x118x27mm



**KONRICH  
STERILIZING DRUM**

- 45-440 = 106x118mm
  - 45-441 = 138x105mm
  - 45-442 = 156x146mm
  - 45-443 = 188x140mm
  - 45-444 = 239x160mm
  - 45-445 = 239x240mm
  - 45-446 = 285x160mm
  - 45-447 = 285x124mm
  - 45-448 = 334x238mm
  - 45-449 = 384x288mm
- Overall Measurements



**BEDPAN ROUND WITH COVER AND HANDLE TARNISHED**  
45-462 = 230mm Ø  
For Children

**BEDPAN ROUND WITH COVER AND HANDLE TARNISHED**  
45-464 = 310mm Ø  
For Adults



**MALE URINAL HORIZONTAL**  
45-466



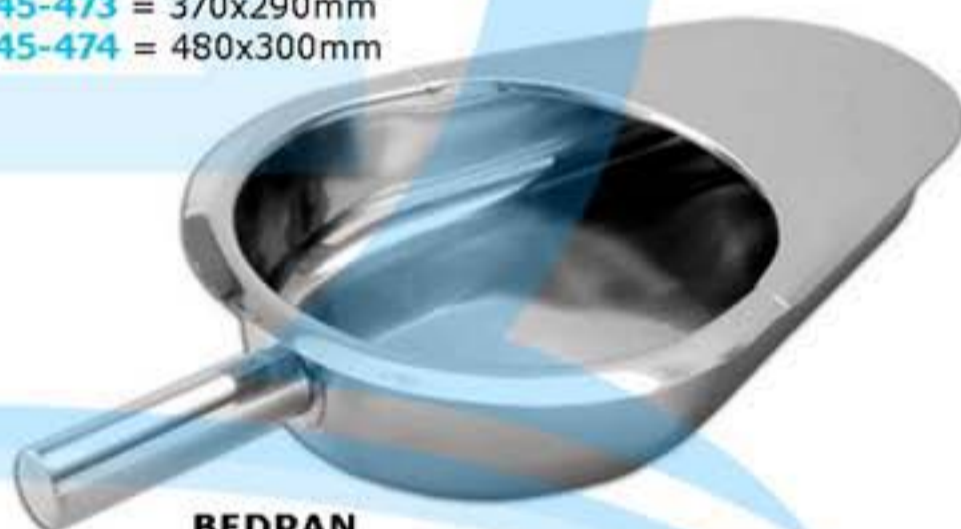
**FEMALE URINAL**  
45-468



**BEDPAN SLEEPER TYPE WITH COVER**  
45-472 = 320x240mm  
45-473 = 370x290mm  
45-474 = 480x300mm



**MALE URINAL VERTICAL**  
45-470



**BEDPAN SIMPLE PRESSED BODY WITH HANDLE**  
45-476 = 320x240mm  
45-477 = 370x290mm



**BEDPAN PERFORATED TYPE SEAMLESS**  
45-479 = 320x240mm  
45-480 = 350x290mm



**BEDPAN PERFORATED TYPE**  
45-482 = 320x240mm  
45-483 = 350x290mm



**SPIRIT LAMP DOUBLE**  
45-485



**COTTON WICK FOR LAMP**  
45-489  
30cm  
4mm Ø



**SPIRIT LAMP SINGLE**  
45-487



**SPIRIT LAMP**  
45-491

AZ Wisdom Wise Industries



**FENNLES**  
45-493  
Extra Large



**FENNLES**  
45-495  
Large



**FENNLES**  
45-497  
Medium



**FENNLES**  
45-499  
Small



**BAMBOO**  
45-501  
Universal



**HAND BOWL**  
45-503  
Universal  
100mm



**DISPENSER JAR**  
45-505  
Cotton Holder Jar



**COTTON HOLDER**  
45-507



**COTTON DISPENSER JAR**  
45-509



**FETOSCOPE**  
45-511  
Fetal Scope  
Alluminium  
14cm



**FETOSCOPE**  
45-513  
Fetal Scope  
Alluminium  
15cm



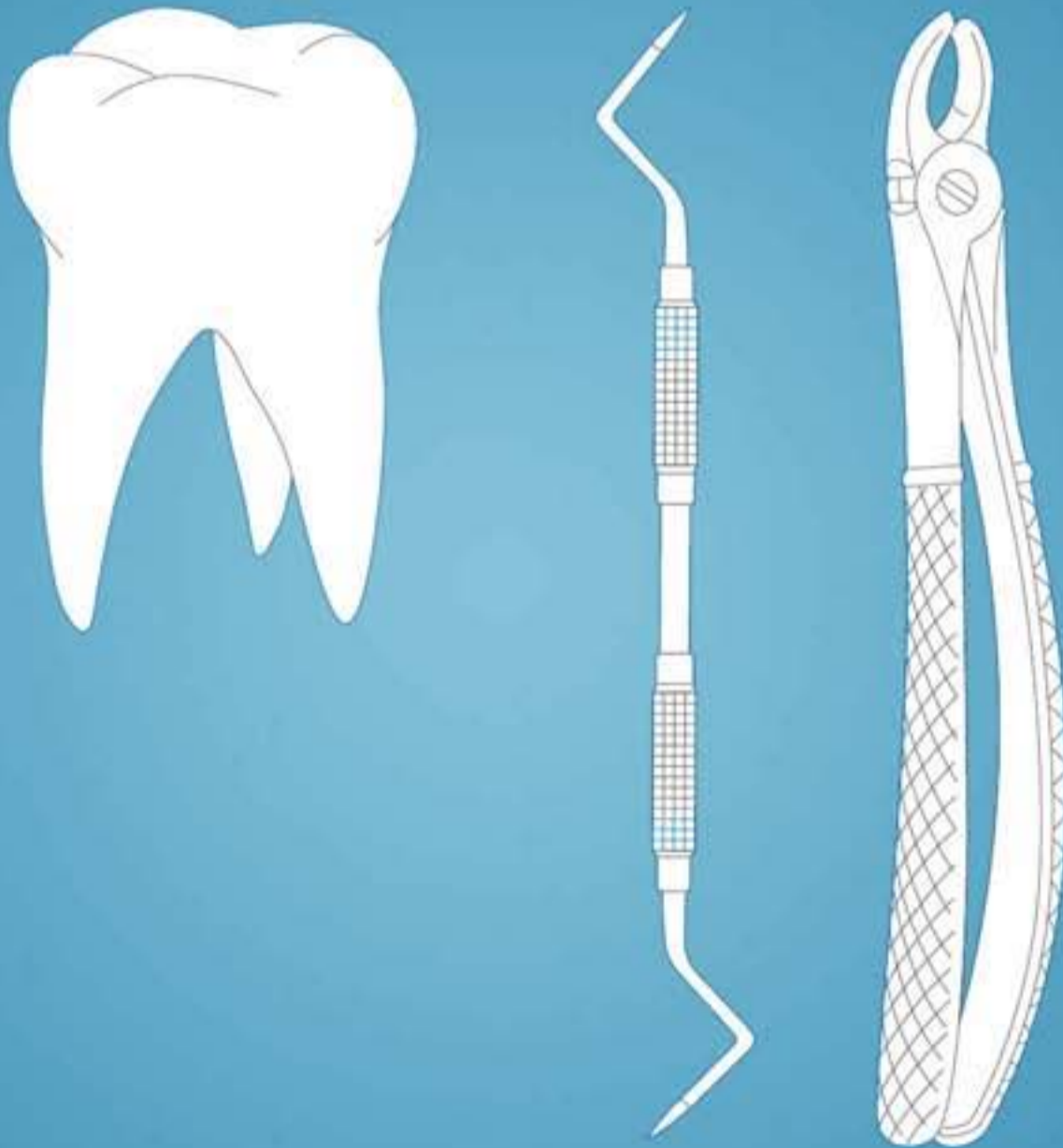
**BANDAGE HELP APPLICATOR**  
45-515  
14mm Wide Jaw  
45-516  
27mm Wide Jaw



**PLASTER SPOON**  
45-517=125=20x14=18x14mm  
45-518=150=25x19=25x19mm  
45-519=210=30x25=30x25mm

Dental, Oralchirurgie  
Dental, Oral Surgery  
Chirurgie dentaire dentaire  
Odontoiatria, chirurgia orale  
Cirugía dental y oral

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**Índice de números de referencia**

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**Elenco dei codici**

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**Index, alphabetical English**  
**Index alphabétique anglais**  
**Indice, inglese alfabetico**  
**Índice alfabético inglés**

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# **THE INSTRUMENTS MANUFACTURING COMPANY**

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**AZ-SURGERY**