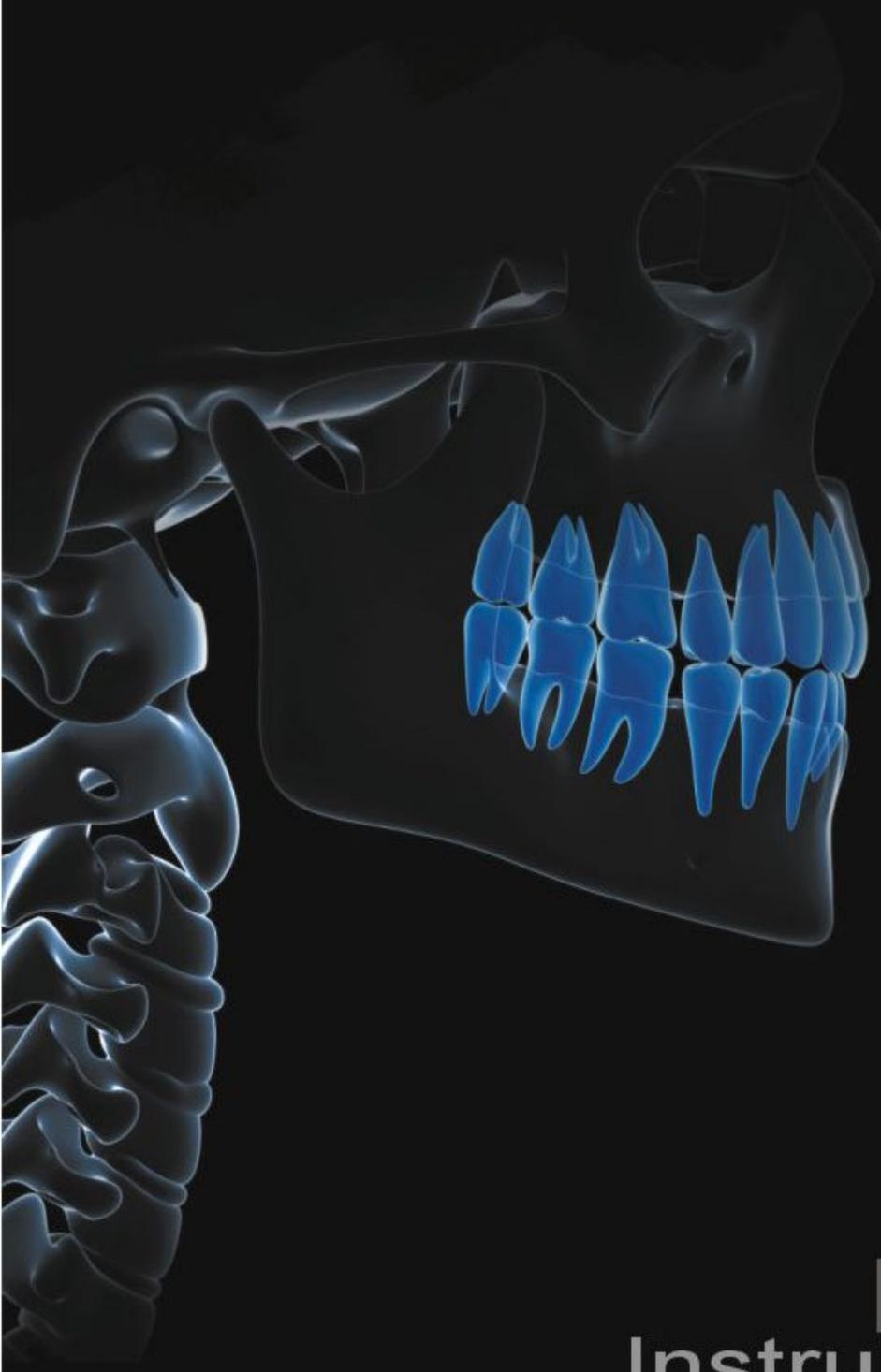




WELDON  
Instruments



Dental  
Instruments  
Catalogue  
Edition 2016



**Dental Instruments Catalogue**

**Edition 2016**

**WELDON Instruments**

Ganjay Wali Street

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[www.weldoninstruments.com](http://www.weldoninstruments.com)

## A Few Words From Directors

We welcome you to the world of utterly reliable quality in the products where it matters the most, to the world of precision, where lack of it could be a matter of life and death.

Over the last half a century, (Since 1959) WELDON has been serving surgeons and research scientists as a worldwide provider of complete solutions for surgery & diagnostic instruments. You can choose from an outstanding portfolio of cutting-edge products.

To satisfy your technical and clinical needs, we have gathered an extra ordinary team of dedicated & highly skilled members to provide you with superior & wide product range of surgical instruments. We complement their experience in instrument craftsmanship with state-of-the-art precision manufacturing equipment and the latest technologies to create one of today's highest quality, process-driven manufacturing operations.

WELDON produce dental & surgical instruments ranging from precision micro handheld instruments (including forceps, clamps, scissors, needle holders, cutting and clamping devices) used in general surgery to the dental instruments like extracting forceps, root elevators, mouth gags, impression trays, orthodontic pliers, scalars and excavators etc.

It is our believe that our success depends on establishing enduring relationships with our customers and consistently producing high quality products that meet their demanding standards and timetables

And we are thankful to all of you to be our business partner and making WELDON Instruments a leading and trusted name in manufacturing industry of high quality surgical instruments.



**Junaid Amin**  
Director Marketing



**Waqas Amin**  
Director Production

## Mission

We are committed to continuous quality improvement and to provide repeated supply of the same high quality instruments through an ongoing process of sourcing, developing, implementing and adopting the best available technology, work force and innovative ideas.



S. M Amin  
Founder

Thus WELDON is more than a supplier of precision surgical instruments, a partner who listens carefully and contributes ideas, who understands the customer's needs and requirements and provides for them on a high level.

WELDON owes its standing among the best in the business and to its employees.

## Vision & Future planning

WELDON is targeting to represent a spectrum which intelligently and economically combines superior quality products and deliver extra value with process oriented services.

WELDON is preparing it to meet the ever changing and challenging requirements of the surgeons and doctors through technological advancements and human resource development.

## History & Achievements

Established in 1959 by Mr. S. M. Amin, who was one of the founders of SIMAP (The Surgical Instruments Manufacturers Association of Pakistan), WELDON instruments has earned a solid reputation in the production of high quality instruments through continuous improvement and modernization.

While the quest for perfection continues, our high standards have received global certifications practically from all those who matter. Achievement of CE Marking, cGMP certification and implementation of ISO 9001, ISO 7153-1 and ISO 13485 quality management systems are just a few milestones in the process of international standardization of the company.

WELDON instruments has also achieved the certification of EN 46000 and registered its items in Device listing with the FDA of U.S.A. Having owner / Operator Number 9047227.



WELDON Instruments is selling its instruments under his own brand name and also with its customer's brand names. WELDON's sale network through its clients and distributors includes almost all the countries of Europe, South America, Central America and some from Asia.

The state of the art manufacturing facility of WELDON Instruments is expanded on 65,000 sq./ft. An expansion of another 20000 sq./ft. is under planning.

## Production Planning & Capacity

In WELDON Instruments, production planning is the responsibility of the Q.A Director Mr. Waqas Amin. The directors are well informed of the production planning as there is a daily meeting with the production supervisors. Production is planned based on the commitments made with the customers.

On receipt of every production order, the delivery time is carefully estimated by evaluating the stocks & the quantity of instruments in process. Approximately 175,000 pieces of surgical instruments are manufactured monthly yet the company has the capacity to increase its production up to 225,000 pieces a month. A stock of approximately 1000,000 pieces of almost 4500 different surgical and dental items is maintained. Almost 250,000 pieces of instruments are always in the different stages of manufacturing process.

Whole manufacturing process is strictly conducted, following the rules and regulations of ISO 9001 and cGMP standards. However in case of any non-conformity, a corrective action is immediately taken.

## Material Selection

Surgical instruments are uniquely manufactured tools that are used for carrying out particular actions during a surgical procedure. So the most important is the selection of material to make a precise and perfectly working instrument.

Mainly different grades of stainless steel are used for the manufacturing of surgical instruments, for its unique properties like being nonporous, very strength, highly stain-resistant and corrosion resistant. And above all, it is highly hygienic and easily sterilizable.

Today, organizations such as the International Organization for Standardization (ISO) classifies and advises on which grade of stainless steel is appropriate for distinct types of surgical instruments. ISO also advises on tempering steel and the rust and corrosion processes on the different grades available. ISO also makes available testing standards and procedures for developing metal surgical instruments. Advancing technology allows surgical instruments to be manufactured for single or multiple uses.

## Quality Control

At WELDON, a highly reliable & successful quality control system has been implemented which continually monitor all the workers & processes to ensure we are providing our customers with the highest quality surgical instruments. Our goal is to deliver products with superior feel and finish that meet customer specifications and time tables. A series of strict quality checks are made at the end of each manufacturing process. If the instrument passes quality check only then it proceeds to the next process.

One thing that cannot be compromised at WELDON is Quality.

## Manufacturing & Packaging

The process of a surgical instrument manufacturing starts from the selection of proper material. It is then sent to the forging shop. After receiving the forging Lots, each lot is then tempered for hardness to the required degree and treated with acid for maximum cleanliness. Then the instruments are proceeded for grinding & polishing.



Now it is the time to perform electrolyte polishing and boil test to remove dust & rust from the instruments. At the completion of polishing process each lot is cleaned in an ultrasonic cleaning machine.

The working of each instrument is checked and set according to the customer's requirement. The instruments are again cleaned and then sand blasted in the box to eliminate dust particles from there. Instruments are once again cleaned and each instrument goes through a passivation process to eliminate the risk of rust during working or sterilization. A copper sulfate test is done on random sampling of each lot to confirm the effectiveness of passivation process.



Strict quality checks are made at the end of each manufacturing process. If the instrument passes quality check only then it proceeds to the next process.

Now instruments are received at the packing department where each instrument is cleaned with soft cloths, oiled, stamped if needed and inspected. Sub standard instruments are either sent for rework or rejected. Passed instruments are packed in air tight polythene bags or custom packaging according to the specification of the client. These packed instruments are sent to the dispatch department where consignments are made for each client and shipped.

## Product Line

WELDON instruments produce surgical instruments ranging from precision micro handheld surgical instruments including forceps, clamps, scissors, needle holders, cutting and clamping devices used in general surgery, ophthalmic, neurosurgical, ENT and cardiovascular specialties to macro instruments used in spinal, orthopedic and other surgical areas.

Other than surgical, Dental Instruments are also included in our product line. WELDON also produces Hollow ware products and Electro surgical instruments.

## Human Resource

A criterion of minimum experience has been defined and strictly followed for each job. Thus only highly qualified and skilled workers are hired. However a new employee has to complete a 15 days training course under the direct supervision of QA Director before he practically starts his job.

At the moment there are almost 371 employees of the company. Administration has 90 people and 280 are the highly skilled workers in the production.

## After Sale Services & warranty

WELDON Instruments warrants all WELDON products purchased directly from WELDON or an Authorized Dealer in accordance with the following terms and conditions: All WELDON instruments and products are guaranteed to be free from defects in material and workmanship when used for their intended surgical or dental purpose. Any WELDON product that proves defective in workmanship or material will either be repaired or replaced, at WELDON's discretion, without charge. Products not purchased from an authorized source may not be authentic or meet WELDON's quality standards and may have been tampered with.



## Warranty Exceptions

This warranty is void for WELDON Instruments and products serviced by any person or facility other than the WELDON Instruments Repair Services. Any custom made, custom etched or neutralized products are not returnable. Warranties are not valid for WELDON instruments and products that prove defective as a result of improper care and cleaning or misuse. Instruments or products that are damaged in fire, flood or other acts or disasters are also excluded from warranty. Except as set forth in these Terms and Conditions, WELDON makes no other representations and warranties regarding its instruments or products, either expressed or implied. In addition, in no event will WELDON be liable for any incidental, special or exemplary damages or loss of profits in connection with the use of WELDON instruments and products. WELDON operates its own in-house Service and Repair department. A Return Material Authorization (RMA) number is required before instruments are returned for Repair. Contact our Repair Department at [weldon@weldoninstruments.com](mailto:weldon@weldoninstruments.com). WELDON cannot accept instruments for repair at conventions or trade shows. WELDON Instruments representatives cannot accept instruments for repair. Be prepared to provide the following information when you contact:

**Customer Account Number**  
**Customer Purchase Order Number**  
**Reason for Repair**

Once you've received your RMA number, repairs may be sent to:

### **WELDON Instruments**

Ganjay Wali Street  
Rai Pur Stop, Wazirabad Road  
Sialkot-51310, Pakistan.

## Return Policy

We offer a full credit for all unused merchandise, in its original packaging, and returned within 60 days from date of invoice. Merchandise returned after 60 days, but before 120 days from date of invoice, will be charged a 15% restocking charge. Merchandise must be unused and in its original packaging. No returns will be accepted after 120 days from date of invoice. Custom made, custom etched, or neutralized products are not returnable. Returns will not be accepted on scissors that have been custom serrated. Sterile products, which have been opened, returned out of the original package or returned after the sterile expiration date, are not returnable. Discontinued products, medicament products, private labeled, custom made, custom etched or neutralized products are not returnable.

Broken instruments noted as 'Sharps' have special handling and return requirements.

A Returned Goods Authorization number (RGA) must be obtained prior to returning product to WELDON Instruments. Product returned without an RGA number will be returned directly to the distributor, with a letter of explanation. Returns can only be granted and authorized by obtaining an RGA number from WELDON Instruments by contacting at [weldon@weldoninstruments.com](mailto:weldon@weldoninstruments.com). Issue of an RGA number should not be interpreted as a final credit to your customer account. WELDON reserves the right to evaluate incoming returns prior to issuing any customer credit.

To obtain an RMA number, e-mail us at [weldon@weldoninstruments.com](mailto:weldon@weldoninstruments.com)  
Be prepared to provide the following information when you call:

**Customer Account Number**  
**Customer Purchase Order Number**  
**Reason for the return**

Extracting Forceps	1 - 52
Bone Rongeurs	53 - 58
Bone Cutting Forceps	59 - 61
Root Elevators	62 - 76
Root-Tip Picks	77
Syndesmotomes	78 - 79
Instruments Set For Oral Surgery	80
Scissors	81 - 92
Scissors With Tungsten Carbide Inserts	93 - 94
Scalpel Handles & Scalpel Blades	95 - 96
Operating & Abscess Knives	97 - 98
Reverdin Needles & Awls	99
Needle Holders	100 - 106
Needle Holders With Tungsten Carbide Inserts	107 - 113
Haemostatic Forceps	114 - 115
Towel Clamps	116
Dressing Forceps	117
Tongue Depressors	118
Mouth Gags & Tongue Forceps	119 - 121
Retractors	122 - 130
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Laryngoscopes	132 - 133
Tissue & Suture Pliers	134 - 137
Cotton & Dressing Pliers	138 - 141
Mouth Mirrors & Handles For Mouth Mirrors	142
Instruments Set For Implant Dentistry	143
Explorers & Double-Ended Explorers	144 - 146
Periodontal Pocket Probes	147 - 148
Combination Explorer - Probes	149
Heidemann Separating Spatulas - Excavators	150 - 153
Endodontic Instruments	154 - 157
Rubber Dam Instruments & Clamps	158 - 166
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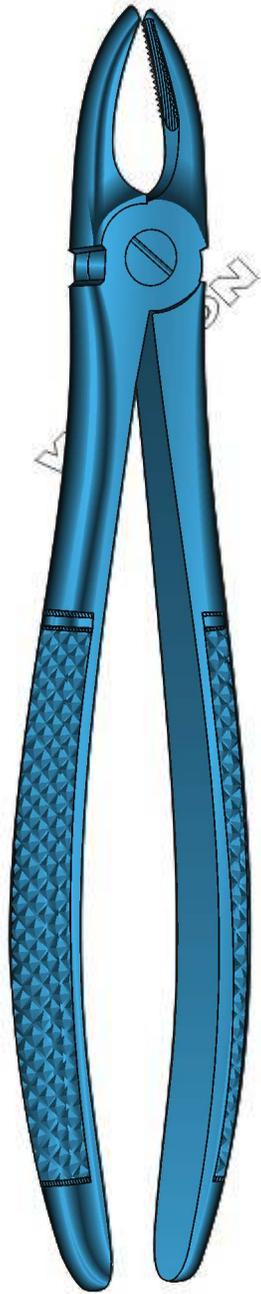
Cavity Preparation Instruments _____	186
Excavators _____	187 - 190
Periodontia Instruments _____	191 - 212
Scalers _____	213 214
Bone Files _____	215 - 216
Bone Curettes _____	217 -219
Crown Instruments _____	220 - 225
Matrix Retainers & Bands _____	226 - 227
Saliva Ejectors _____	228 - 229
Instrument Trays - Stainless Steel _____	230 - 232
Endodontic Boxes _____	233 234
Alcohol Burner _____	235
Sterilizing Forceps _____	236
Impression Trays _____	237 - 262
Articulators _____	263 - 266
Wax & Modeling Carvers _____	267 - 272
Porcelain Sculpturing Brushes _____	273
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Waxing Instruments _____	275
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Mallets _____	284
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Crucible Tongs _____	290
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Ortho Boxes _____	332
Orthodontic Instruments _____	333 - 334
Dental Syringes _____	335 - 340
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Instrument Care _____	357 - 363
Promotional Instruments _____	364 - 366



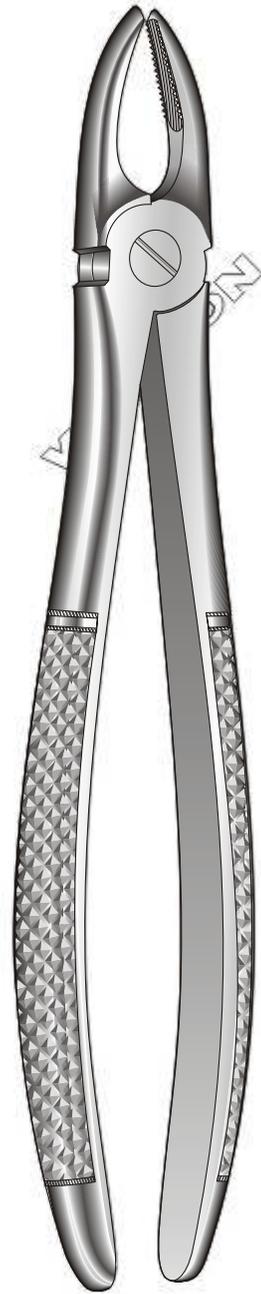
Most of the extracting forceps are available in Titanium & Super light models.



Super light



Titanium



Conventional



WD-001-001  
Fig. 1  
Upper Laterals & Canines



WD-001-002  
Fig. 2  
Upper Laterals & Canines



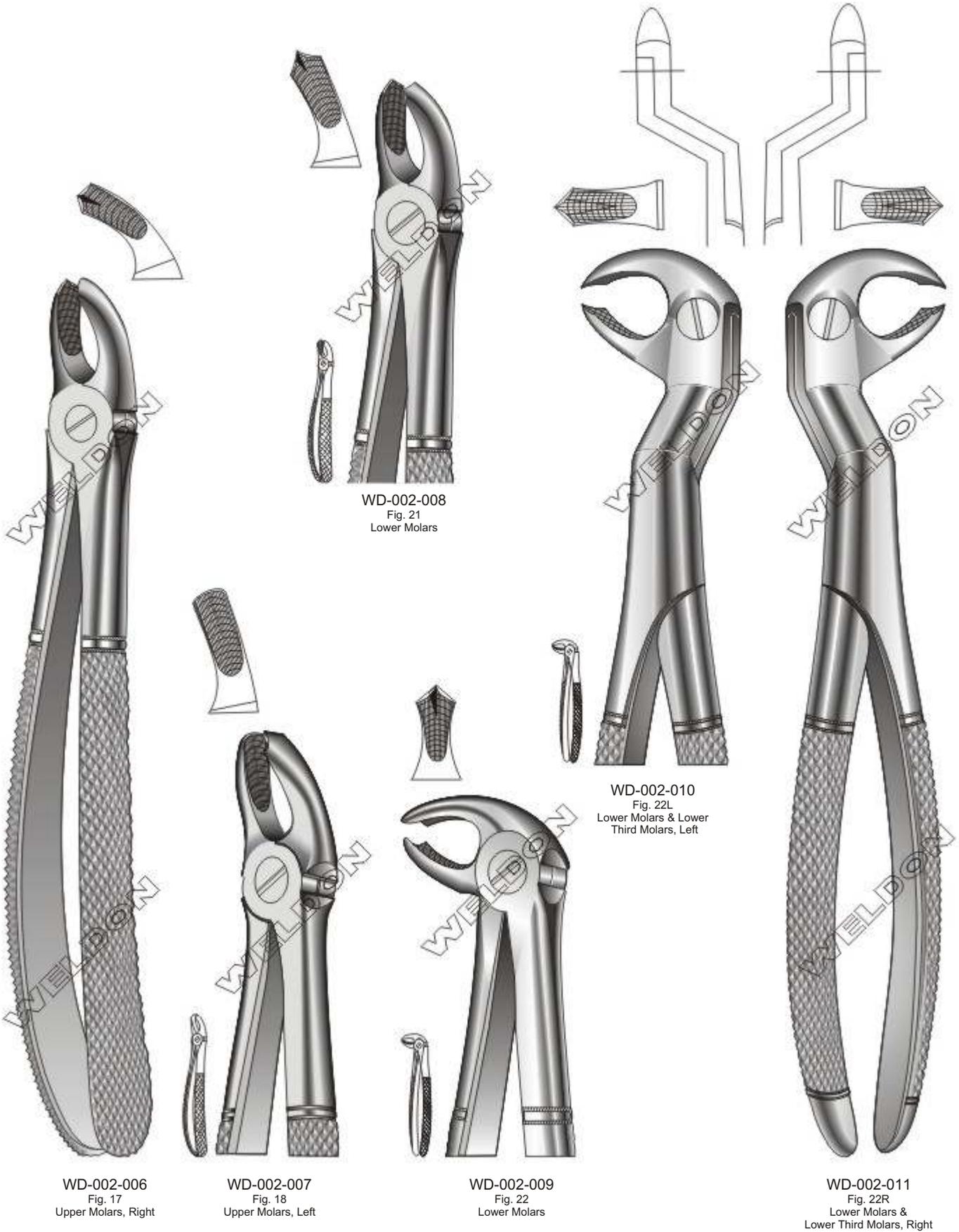
WD-001-004  
Fig. 4  
Lower Incisors & Canines

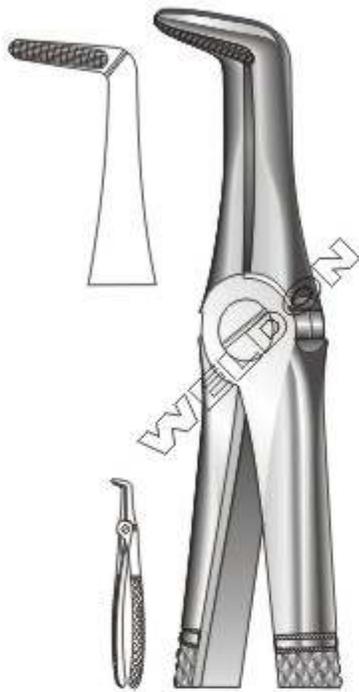


WD-001-003  
Fig. 7  
Upper Premolars



WD-001-005  
Fig. 13  
Lower Premolars





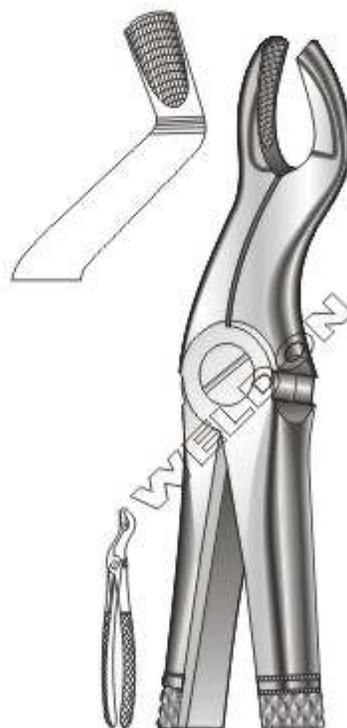
WD-003-012  
Fig. 45  
Lower Roots



WD-003-013  
Fig. 33  
Lower Roots



WD-003-014  
Fig. 51A  
Upper Roots



WD-003-015  
Fig. 67A  
Upper Third Molars



WD-003-016  
Fig. 79  
Lower Third Molars



WD-004-018  
Fig. 86C  
Lower Molars



WD-004-019  
Fig. 89  
Upper Molars, Right



WD-004-017  
Fig. 74  
Lower Roots



WD-004-020  
Fig. 90  
Upper Molars, Left



WD-005-021  
Fig. 349  
Upper Roots



WD-005-022  
Fig. 151 1/2  
Upper Roots



WD-005-023  
Fig. 346  
Lower Roots



WD-005-024  
Fig. 145  
Lower Roots



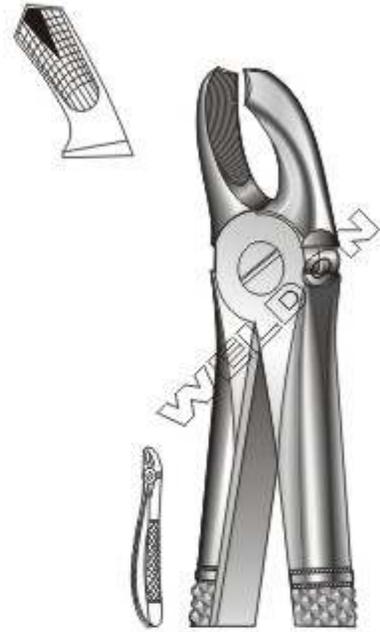
WD-005-025  
Fig. 359  
Lower Roots



WD-006-026  
Fig. 3  
Upper Incisors & Canines  
Crowded Internally, Or Externally.



WD-006-027  
Fig. 8  
Lower Premolars



WD-006-028  
Fig. 18A  
Upper Molars



WD-006-029  
Fig. 19  
Upper Third Molars



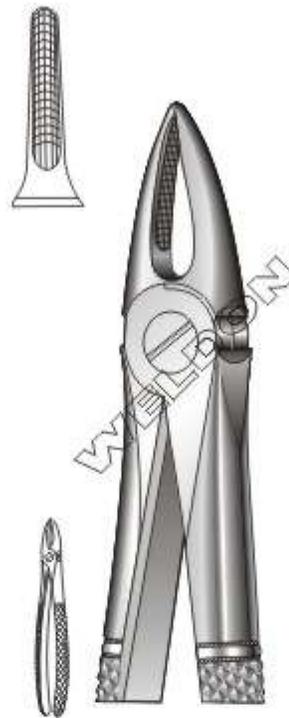
WD-006-030  
Fig. 23  
Lower Molars, Right



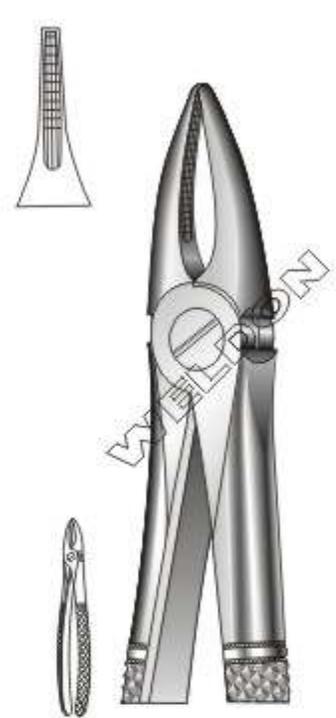
WD-006-031  
Fig. 24  
Lower Molars, Left



WD-007-032  
Fig. 20  
Lower Third Molars



WD-007-033  
Fig. 29  
Upper Roots



WD-007-034  
Fig. 29N  
Upper Roots & Incisors



WD-007-035  
Fig. 30  
Upper Roots



WD-007-036  
Fig. 31  
Lower Roots



WD-007-037  
Fig. 33A  
Lower Roots



WD-008-038  
Fig. 33L  
Lower Roots



WD-008-039  
Fig. 38A  
Lower Roots



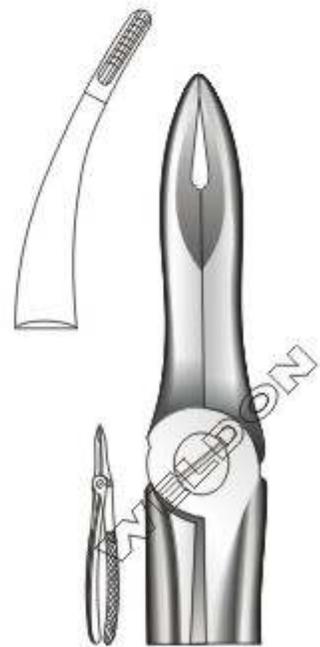
WD-008-040  
Fig. 43A  
Upper Roots



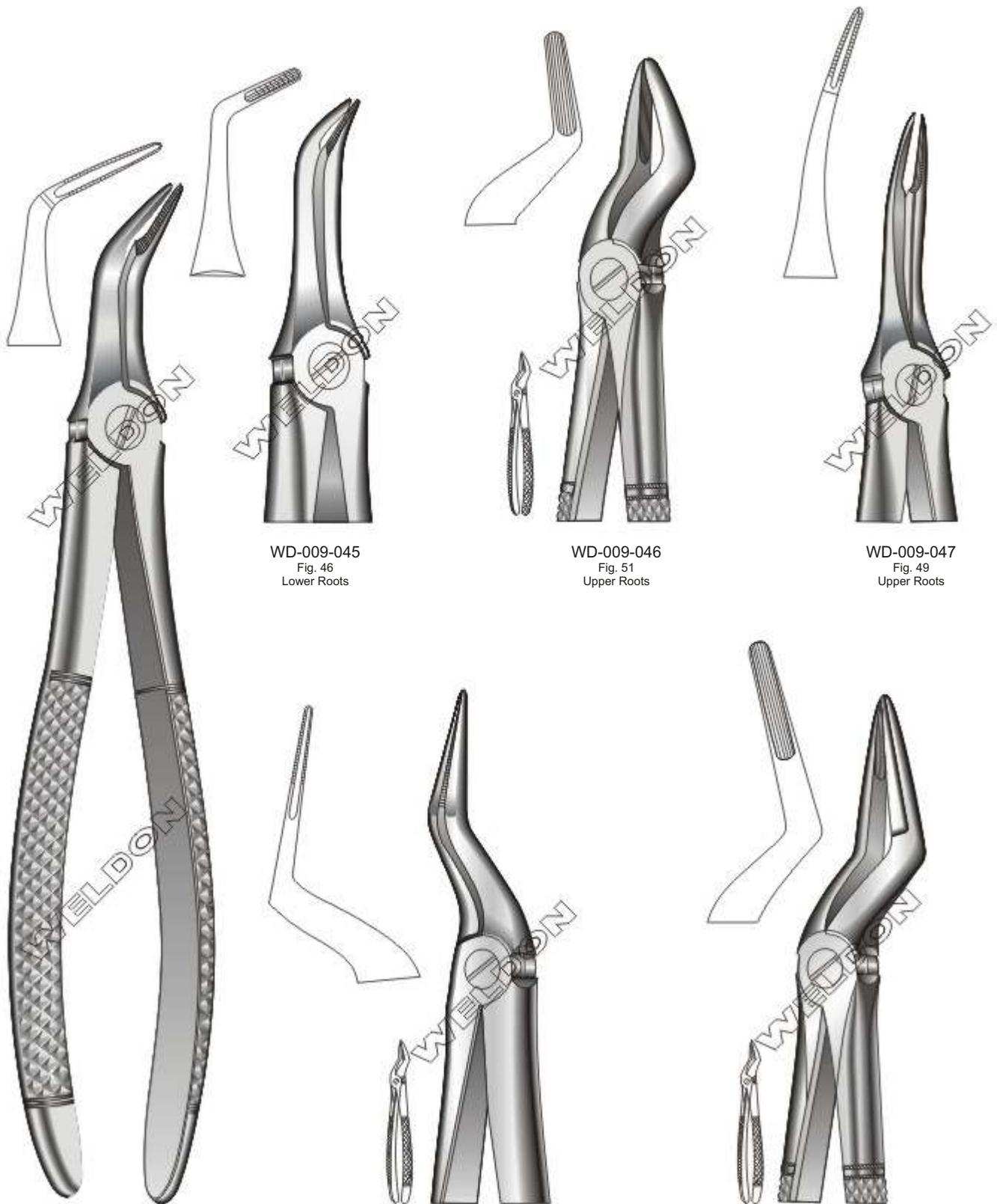
WD-008-041  
Fig. 41  
Upper Roots



WD-008-042  
Fig. 44  
Upper Roots



WD-008-043  
Fig. 48  
Upper Roots



WD-009-045  
Fig. 46  
Lower Roots

WD-009-046  
Fig. 51  
Upper Roots

WD-009-047  
Fig. 49  
Upper Roots

WD-009-044  
Fig. 46L  
Lower Roots

WD-009-048  
Fig. 51LX  
Upper Roots

WD-009-049  
Fig. 51L  
Upper Roots



WD-010-050  
Fig. 52  
Upper Roots & Canines



WD-010-051  
Fig. 59  
Upper Roots



WD-010-052  
Fig. 60  
Lower Roots



WD-010-053  
Fig. 54  
For Separating Upper Molars



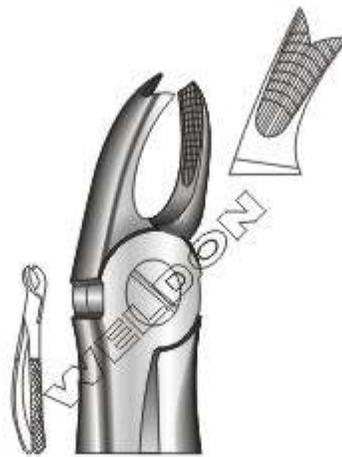
WD-010-054  
Fig. 55  
For Separating Upper Molars



WD-010-055  
Fig. 56  
For Separating Lower Molars



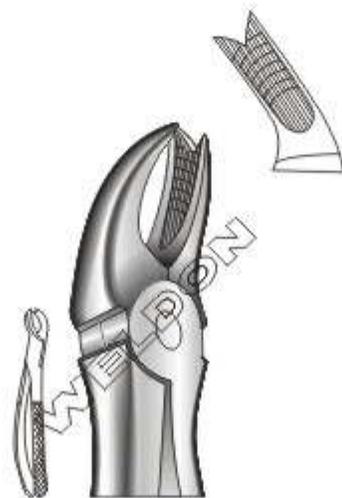
WD-011-056  
Fig. 59L  
Lower Incisor Roots



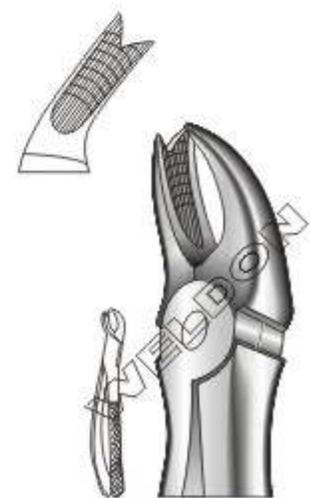
WD-011-057  
Fig. 65L  
Upper Molars Left



WD-011-058  
Fig. 65R  
Upper Molars Right



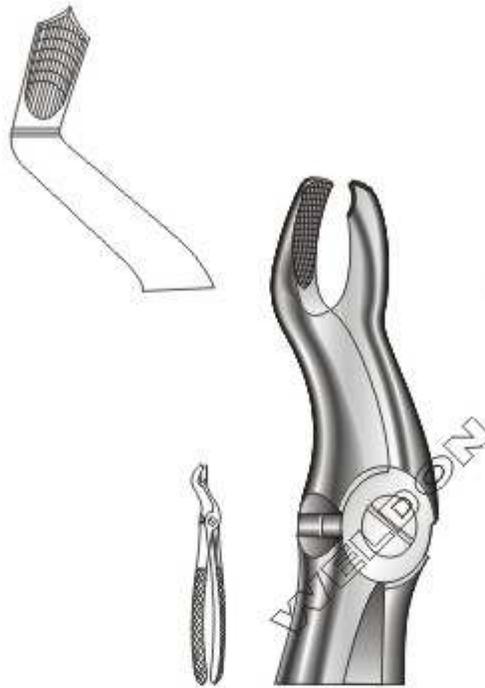
WD-011-059  
Fig. 66R  
Upper Molars Right



WD-011-060  
Fig. 66L  
Upper Molars Left



WD-012-061  
Fig. 67  
Upper Third Molars



WD-012-062  
Fig. 67 1/2R  
Upper Third Molars, Right



WD-012-063  
Fig. 67 1/2L  
Upper Third Molars, Left



WD-012-064  
Fig. 73  
Lower Molars



WD-012-065  
Fig. 74M  
Lower Roots



WD-012-066  
Fig. 68  
Lower Roots



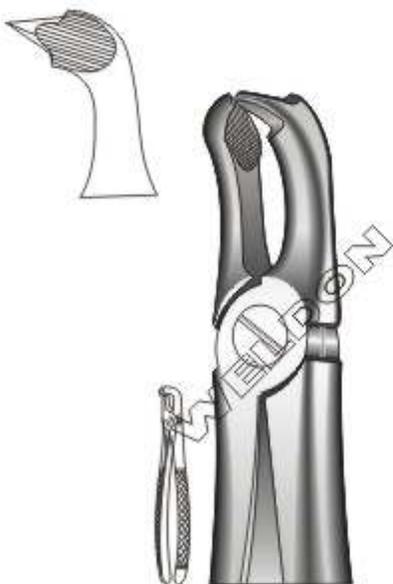
WD-013-067  
Fig. 74N  
Lower Roots



WD-013-068  
Fig. 75  
Lower Canines, Premolars



WD-013-069  
Fig. 79A  
Lower, Third Molars



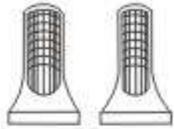
WD-013-070  
Fig. 79C  
Lower, Third Molars



WD-013-071  
Fig. 87  
Lower Molars With Decayed or  
Broken-Down Crowns



WD-013-072  
Fig. 99  
Broken-Down Lower Molars



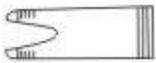
WD-014-073  
Fig. 107  
Upper Canines  
Ogden-Felsch



WD-014-074  
Fig. 121  
Upper Third Molars



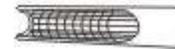
WD-014-075  
Fig. 166  
Trotter  
Universal Pattern For Upper Theet



WD-014-076  
Fig. 167  
Trotter  
Universal Pattern For Lower Teeth



WD-014-077  
Fig. 168  
Trotter  
Upper Canines



WD-014-078  
Fig. 169  
Trotter  
Lower Canines & Premolars



WD-015-079  
Fig. 1  
Universal Tooth Forcep  
For Upper Incisors & Canines.



WD-015-080  
Fig. 2  
Upper Molars



WD-015-081  
Fig. 3  
Lower Incisors, Premolars & Roots



WD-015-082  
Fig. 4  
Lower Molars



WD-016-083  
Fig. 1  
Witzel  
Lower Roots  
Root Splinter Forceps



WD-016-084  
Fig. 2  
Witzel  
Upper Roots



WD-016-085  
Fig. 1  
Steglitz  
Root Fragments



WD-016-086  
Fig. 2  
Steglitz  
Root Fragments



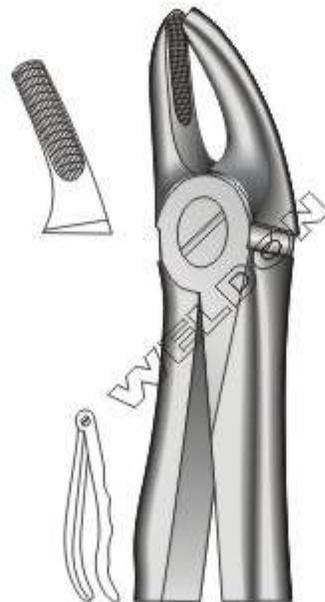
WD-017-087  
Fig. 1  
Upper Centrals & Canines



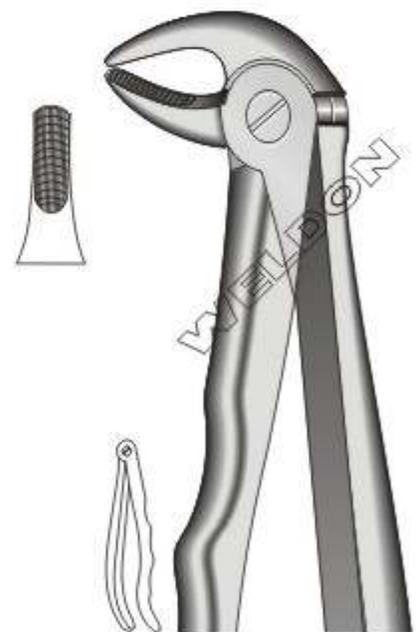
WD-017-088  
Fig. 2  
Upper Laterals & Canines



WD-017-089  
Fig. 4  
Lower Incisors & Canines



WD-017-090  
Fig. 7  
Upper Premolars



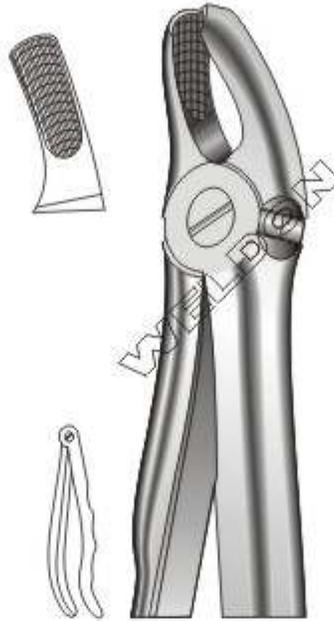
WD-017-091  
Fig. 13  
Lower Premolars

Extracting Forceps (Anatomically Shaped Handle)

Fórceps De Extracción Con Mango Adaptado | Zahnzangen Mit Paßformgriff



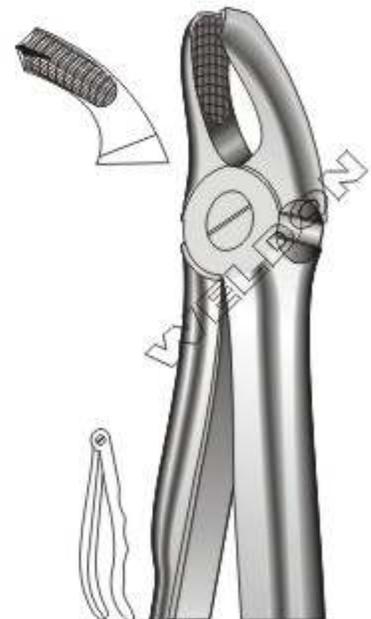
WD-018-092  
Fig. 17  
Upper Molars, Right



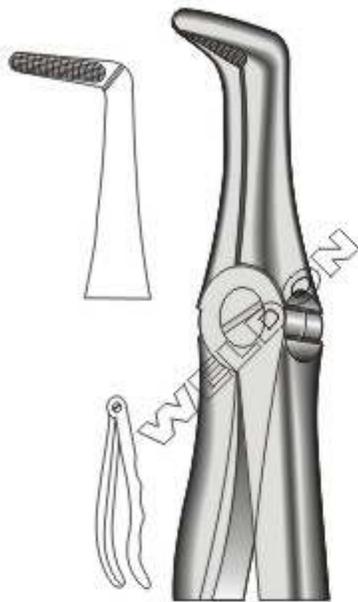
WD-018-093  
Fig. 18  
Upper Molars, Left



WD-018-094  
Fig. 22  
Lower Molars



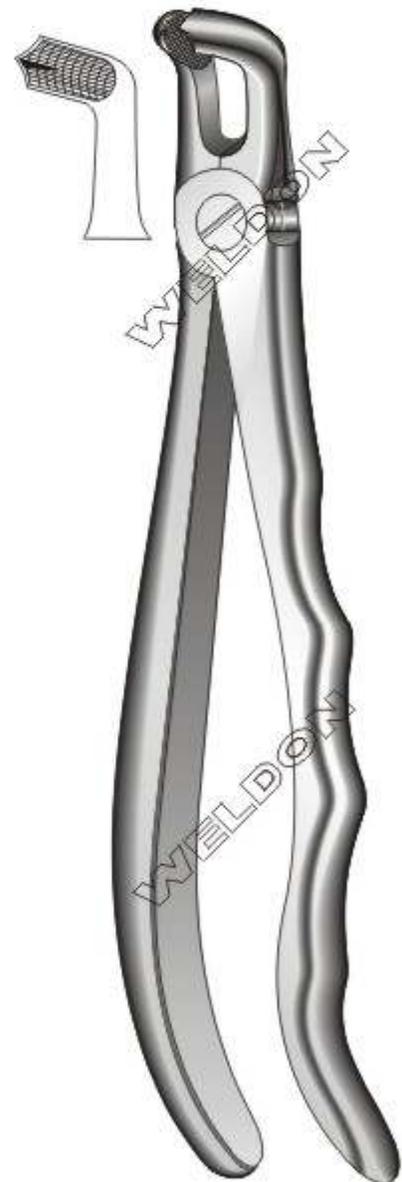
WD-018-095  
Fig. 21  
Lower Molars



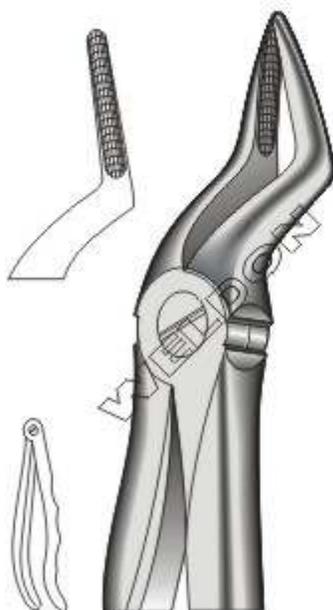
WD-019-096  
Fig. 45  
Lower Roots



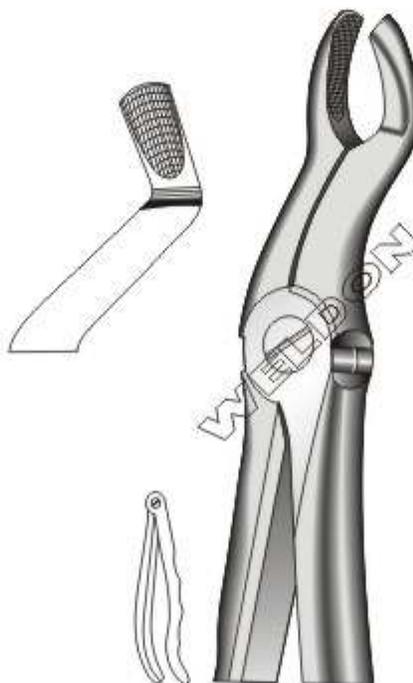
WD-019-097  
Fig. 33  
Lower Roots



WD-019-100  
Fig. 79  
Lower Third Molars



WD-019-098  
Fig. 51A  
Upper Roots



WD-019-099  
Fig. 67A  
Upper Third Molars

Extracting Forceps (Anatomically Shaped Handle)

Fórceps De Extracción Con Mango Adaptado | Zahnzangen Mit Paßformgriff



WD-020-101  
Fig. 74  
Lower Roots



WD-020-103  
Fig. 89  
Upper Molars, Right



WD-020-104  
Fig. 90  
Upper Molars, Left



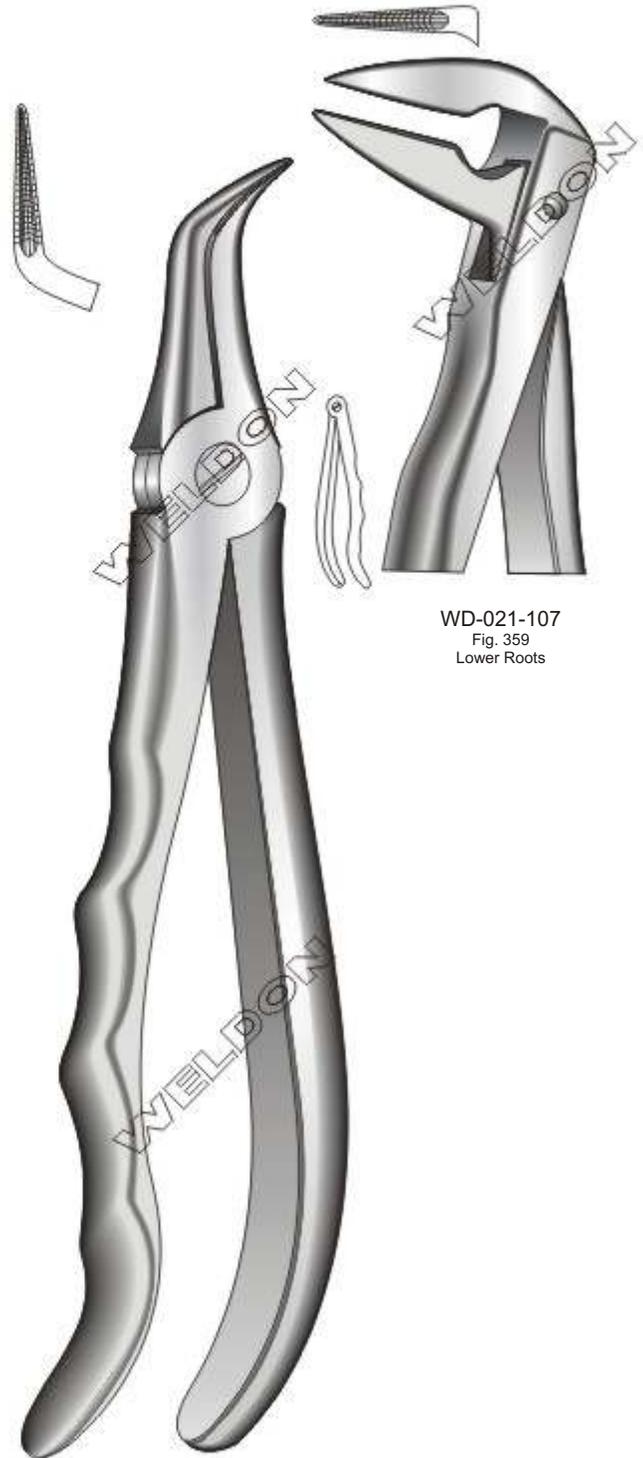
WD-020-102  
Fig. 86C  
Lower Molars



WD-021-105  
Fig. 349  
Upper Roots



WD-021-106  
Fig. 151 1/2  
Upper Roots



WD-021-108  
Fig. 145  
Lower Roots



WD-021-107  
Fig. 359  
Lower Roots

Extracting Forceps (Anatomically Shaped Handle)

Fórceps De Extracción Con Mango Adaptado | Zahnzangen Mit Paßformgriff



WD-022-109  
Fig. 3  
Upper Incisors & Canines



WD-022-110  
Fig. 31  
Upper Roots



WD-022-111  
Fig. 34  
Upper Incisors & Canines



WD-022-112  
Fig. 36  
Lower Roots Incisive Canines



WD-022-113  
Fig. 36N  
Lower Roots Incisive Canines



WD-023-114  
Fig. 46L  
Lower Roots



WD-023-115  
Fig. 46L  
Lower Fragments



WD-023-116  
Fig. 49  
Upper Roots



WD-023-117  
Fig. 51  
Upper Roots



WD-023-118  
Fig. 51B  
Upper Roots

Extracting Forceps (Anatomically Shaped Handle)

Fórceps De Extracción Con Mango Adaptado | Zahnzangen Mit Paßformgriff



WD-024-119  
Fig. 51LX  
Upper Roots



WD-024-120  
Fig. 52



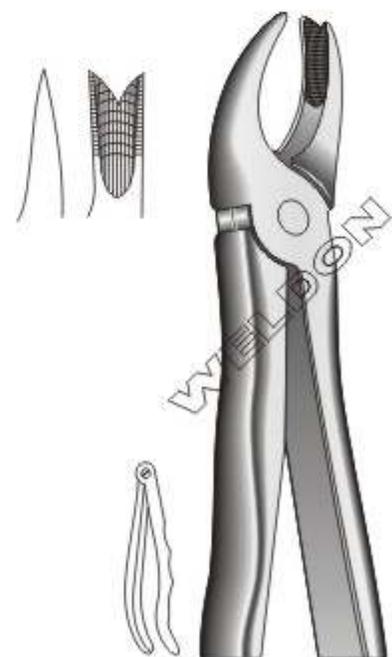
WD-024-121  
Fig. 56  
Separating Forceps For Molars



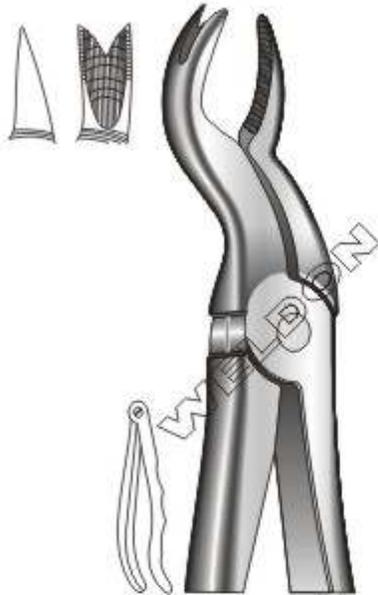
WD-024-122  
Fig. 59  
Lower Roots & Fragments



WD-024-123  
Fig. 66L  
Upper Molars Left



WD-024-124  
Fig. 66R  
Upper Molars Right



WD-025-125  
Fig. 67L  
Upper Molars Left



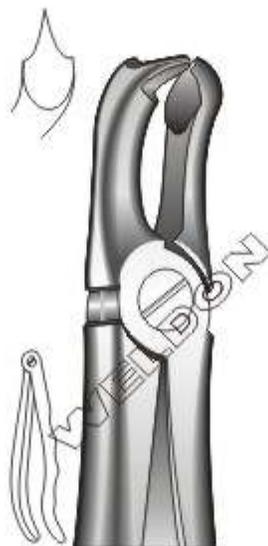
WD-025-126  
Fig. 67R  
Upper Molars Right



WD-025-127  
Fig. 73  
Lower Molars



WD-025-128  
Fig. 74N  
Lower Roots Incisive Canines



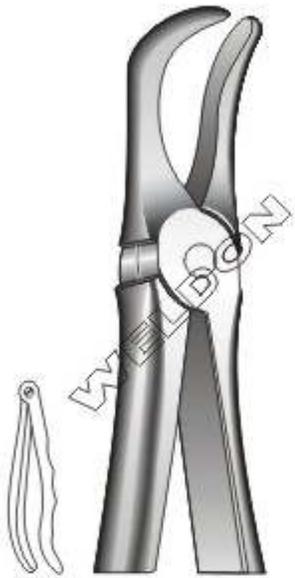
WD-025-129  
Fig. 79C  
Lower Third Molars



WD-025-130  
Fig. 80  
Upper Third Molars

Extracting Forceps (Anatomically Shaped Handle)

Fórceps De Extracción Con Mango Adaptado | Zahnzangen Mit Paßformgriff



WD-026-131  
Fig. 87  
Lower Molars



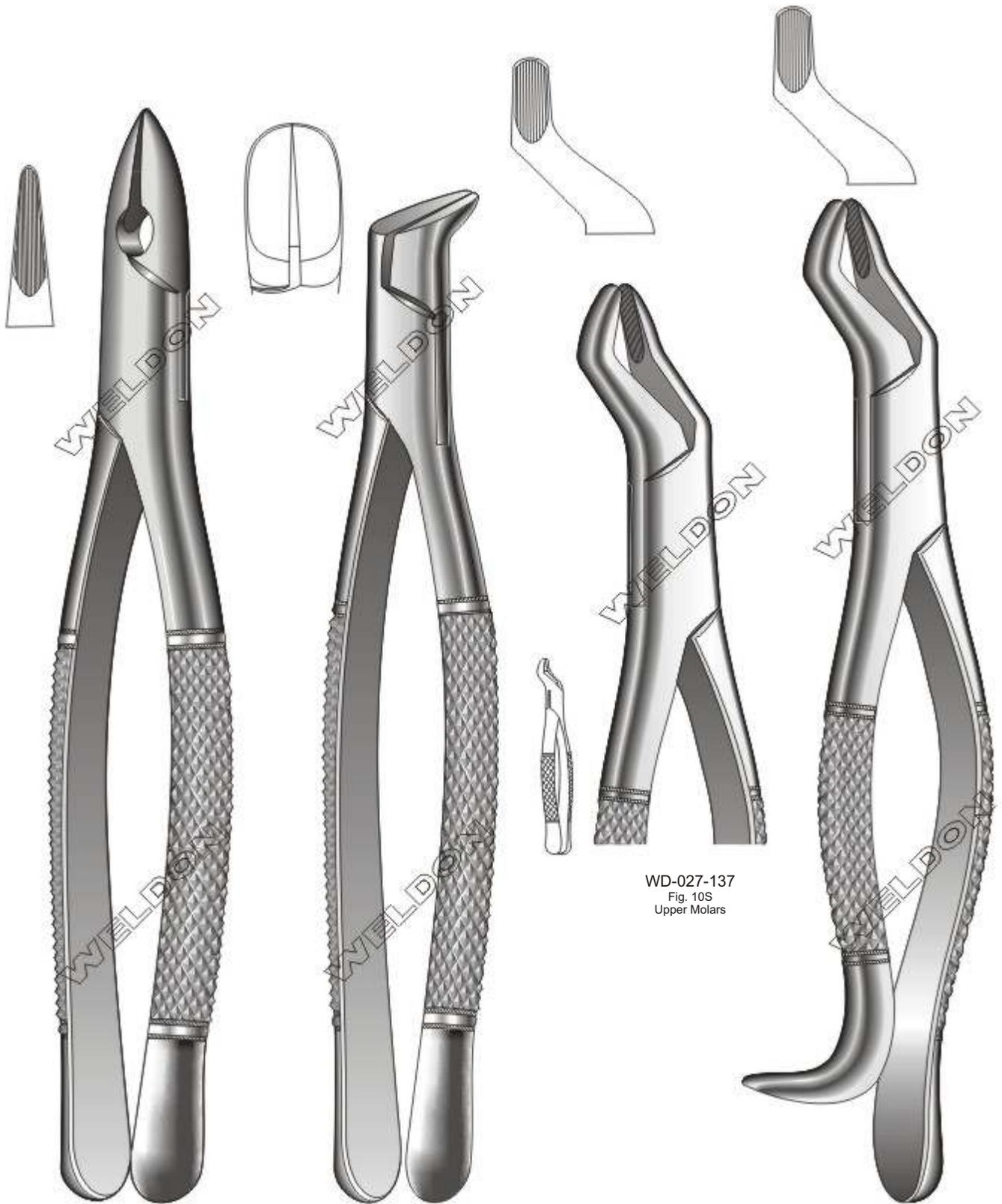
WD-026-132  
Fig. 97  
Upper Roots & Fragments



WD-026-133  
Fig. 127R  
Upper Incisors & Premolars Right



WD-026-134  
Fig. 127L  
Upper Incisors & Premolars Left

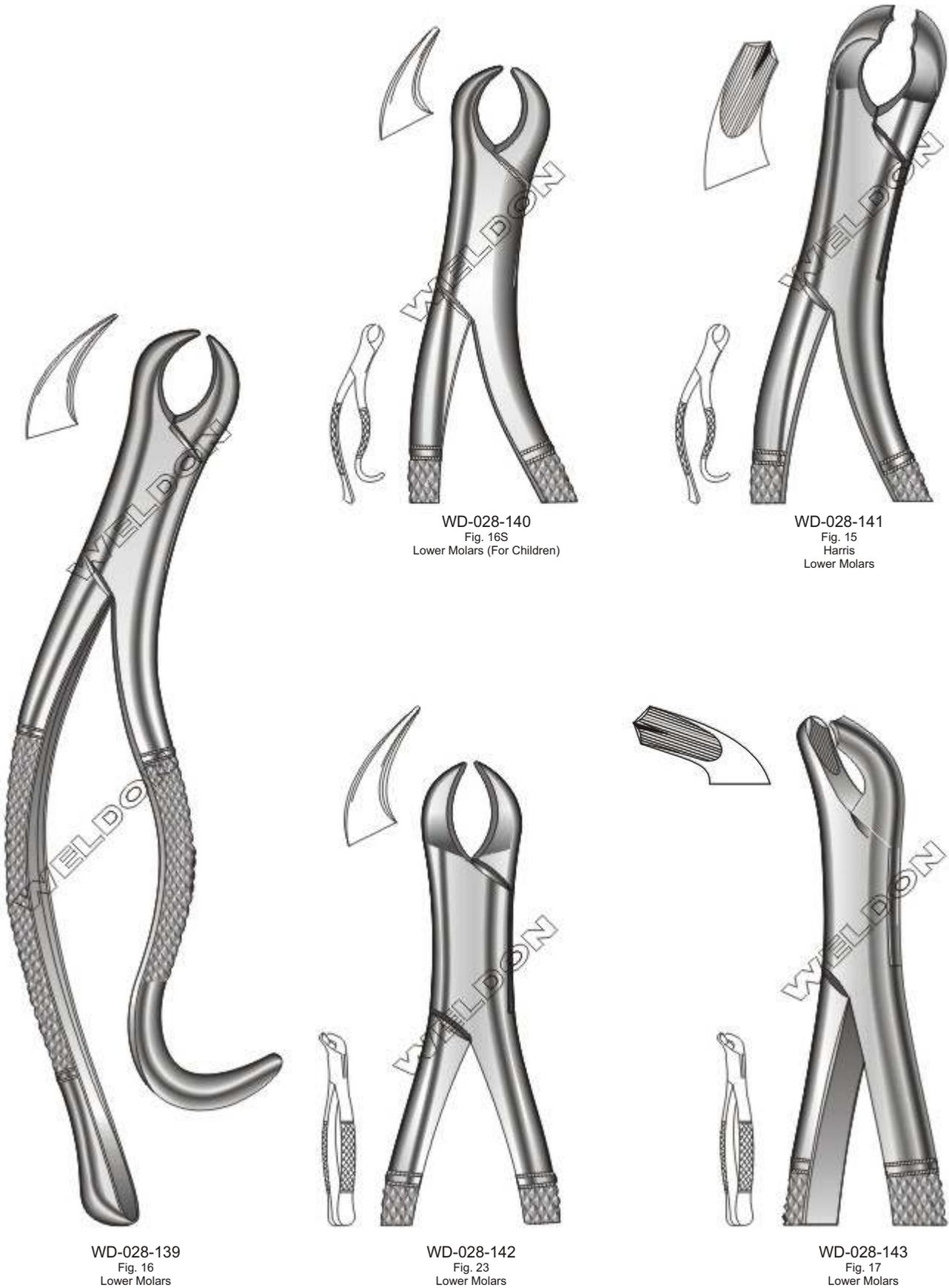


WD-027-135  
Fig. 1  
Standard  
Upper Lateral & Canines

WD-027-136  
Fig. 6  
Separating Forceps

WD-027-137  
Fig. 10S  
Upper Molars

WD-027-138  
Fig. 10H  
Upper Molars





Harris  
WD-029-144  
Fig. 18R  
Upper Molars, Right



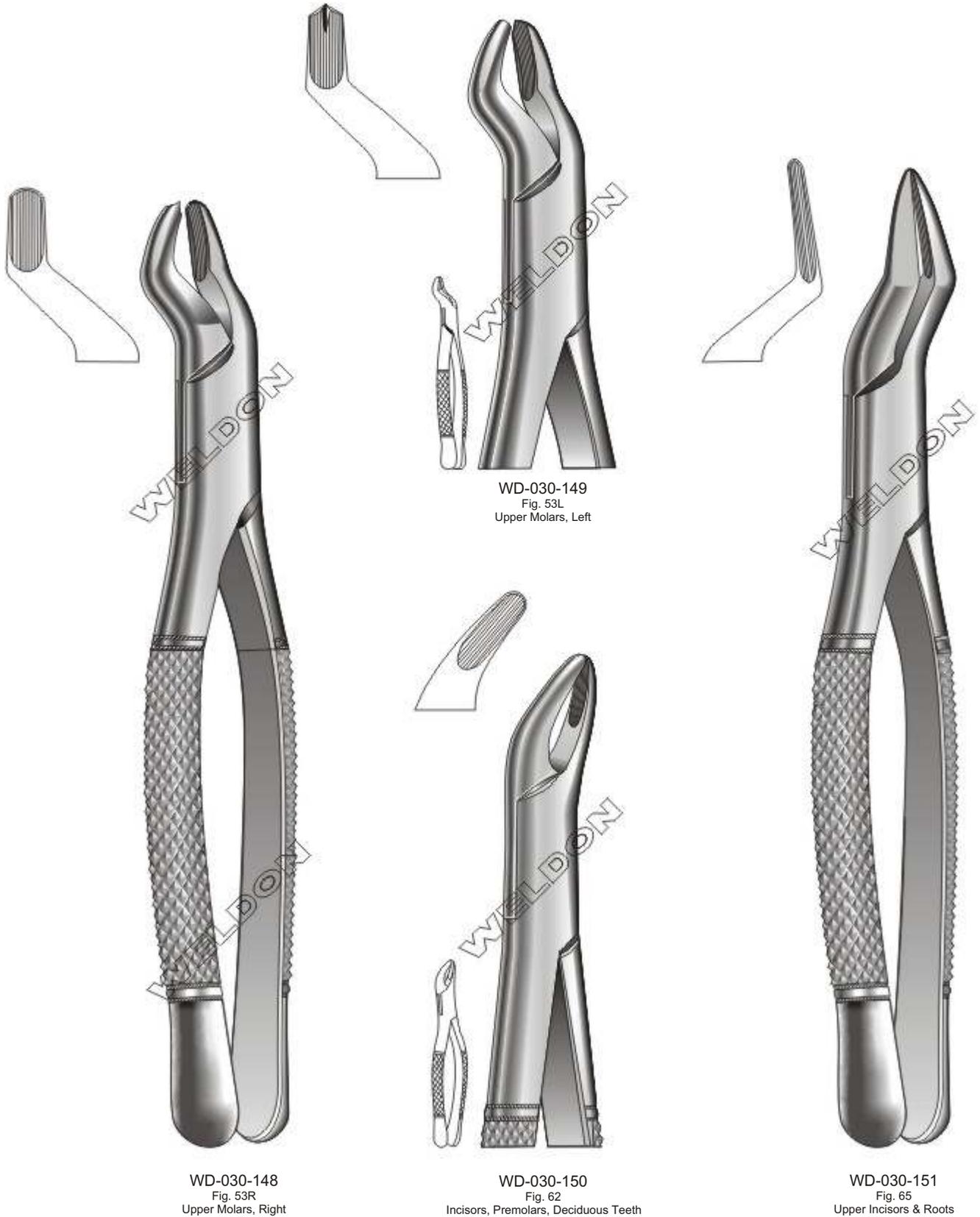
Harris  
WD-029-145  
Fig. 18L  
Upper Molars, Left

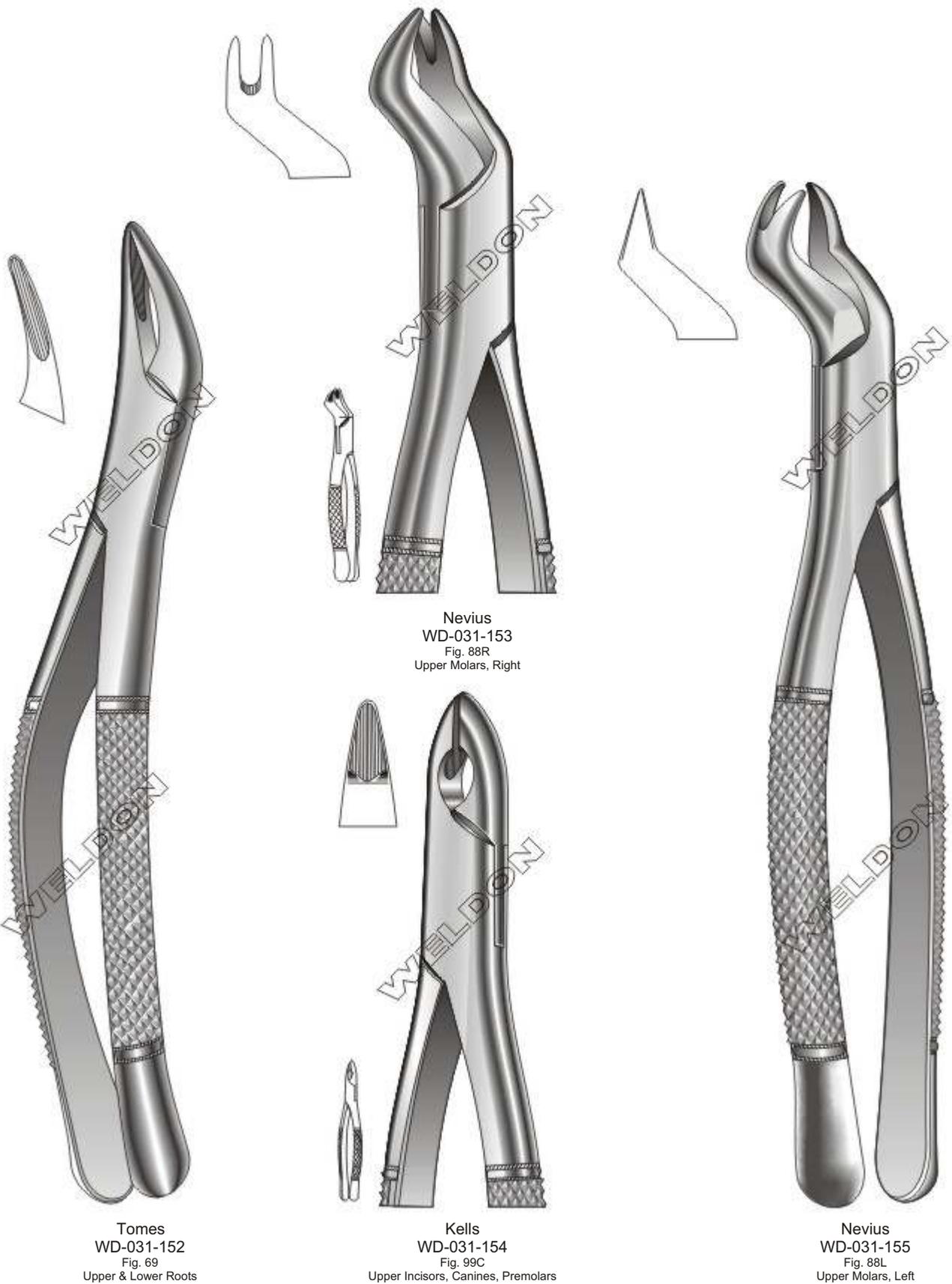


Physick  
WD-029-146  
Fig. 5  
Lower Third Molars



Parmly  
WD-029-147  
Fig. 32  
Upper Premolars & Molars





Tomes  
WD-031-152  
Fig. 69  
Upper & Lower Roots

Nevius  
WD-031-153  
Fig. 88R  
Upper Molars, Right

Kells  
WD-031-154  
Fig. 99C  
Upper Incisors, Canines, Premolars

Nevius  
WD-031-155  
Fig. 88L  
Upper Molars, Left

Extracting Forceps (American Pattern) | Fórceps De Extracción (Forma Americana)  
 Zahnzangen (Amerikanische Form)



Hull  
 WD-032-156  
 Fig. 101  
 Deciduous Teeth



Cryer  
 WD-032-157  
 Fig. 150  
 Upper Incisors, Premolars, Roots



Cryer  
 WD-032-158  
 Fig. 150A  
 Upper Incisors, Premolars, Roots



Cryer  
 WD-032-159  
 Fig. 150S  
 Upper Teeth (For Children)



Cryer  
WD-033-160  
Fig. 151  
Lower Incisors, Premolars, Roots



Cryer  
WD-033-161  
Fig. 151A  
Lower Incisors, Premolars, Roots



Cryer  
WD-033-162  
Fig. 151S  
Lower Teeth (For Children)



WD-034-163  
Fig. 222  
Lower Third Molars



WD-034-166  
Fig. 210H  
Upper Third Molars



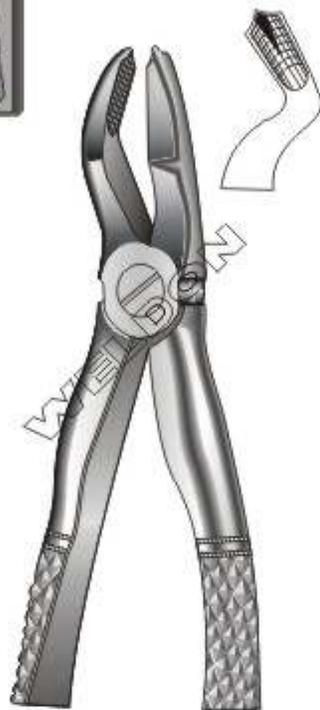
WD-034-164  
Fig. 210S  
Upper Third Molars



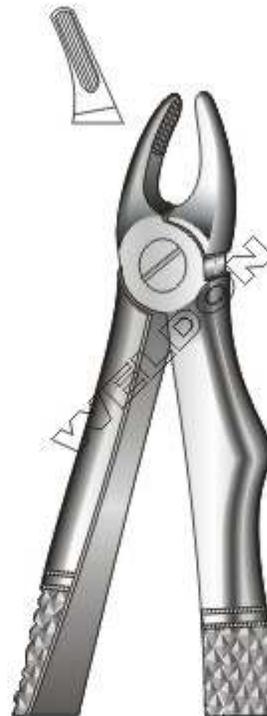
WD-034-165  
Fig. 286  
Upper Incisors & Roots



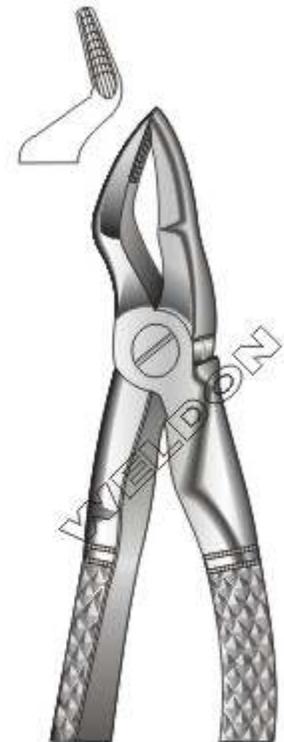
WD-035-174  
Set of 7, Including  
W-035-167  
W-035-168  
W-035-169  
W-035-170  
W-035-171  
W-035-172  
W-035-173



WD-035-167  
13.5 cm / 5¼"  
Fig. 3  
Upper Molars



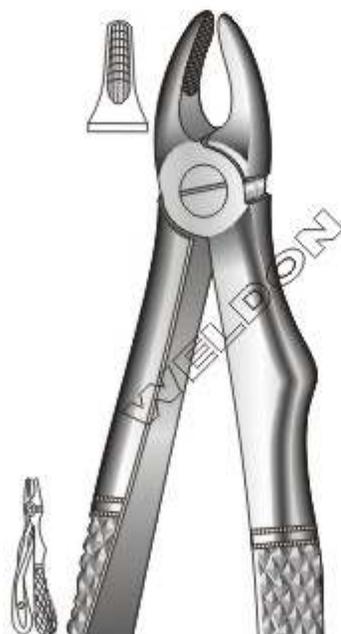
WD-035-168  
14 cm / 5½"  
Fig. 2  
Upper Premolars



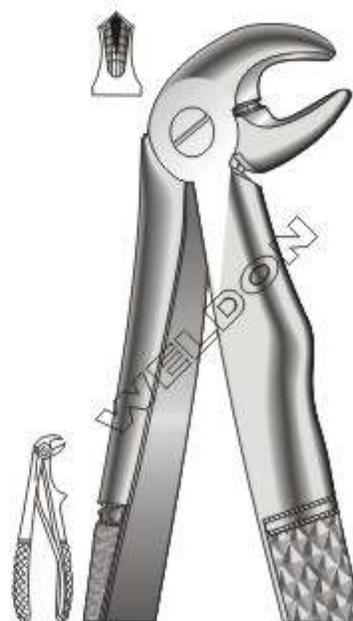
WD-035-169  
14.2 cm / 5½"  
Fig. 4  
Upper Roots



WD-035-170  
13.5 cm / 5¼"  
Fig. 5  
Lower Incisors



WD-035-171  
13.5 cm / 5¼"  
Fig. 1  
Upper Incisors



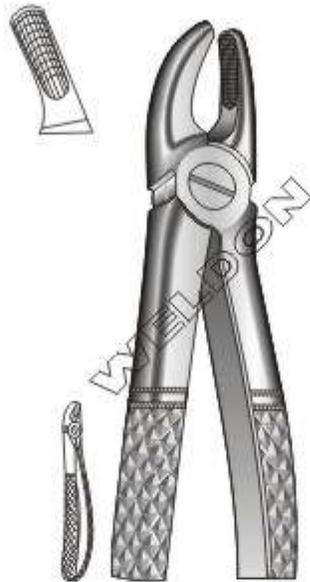
WD-035-172  
13.5 cm / 5¼"  
Fig. 6  
Lower Molars



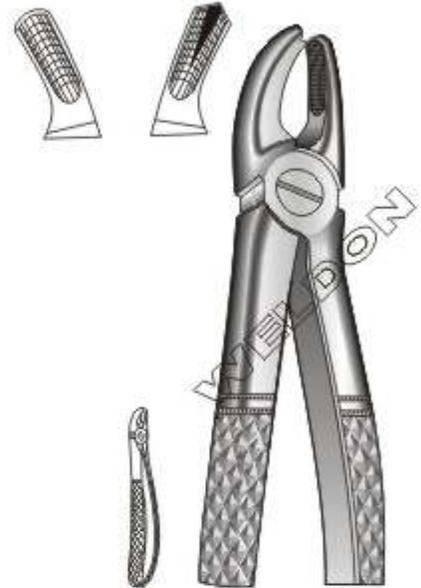
WD-035-173  
13 cm / 5"  
Fig. 7  
Lower Roots



WD-036-175  
Fig. 37  
Upper Incisors



WD-036-176  
Fig. 39  
Upper Molars



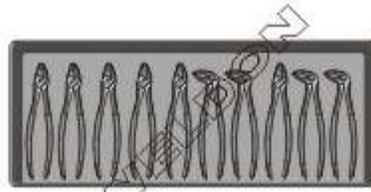
WD-036-177  
Fig. 39R  
Upper Molars, Right



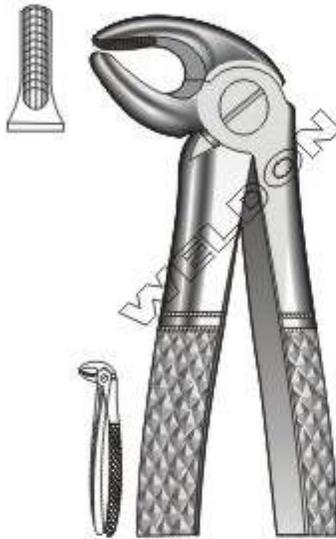
WD-036-178  
Fig. 39L  
Upper Molars, Left



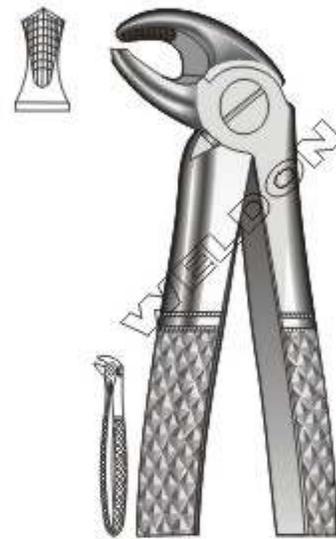
WD-036-179  
Fig. 51S  
Upper Roots, Right



WD-037-185  
Set of 10, including  
WD-036-175  
WD-036-176  
WD-036-177  
WD-036-178  
WD-036-179  
WD-037-180  
WD-037-181  
WD-037-182  
WD-037-183  
WD-037-184



WD-037-180  
Fig. 13S  
Lower Premolars



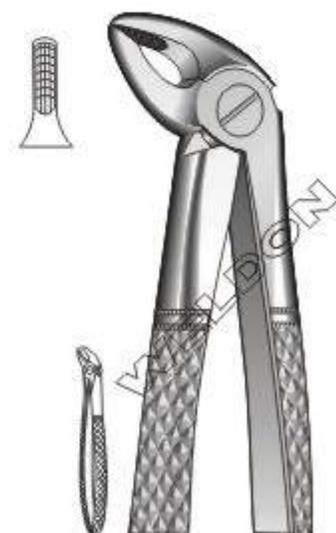
WD-037-181  
Fig. 22S  
Lower Molars



WD-037-182  
Fig. 30S  
Upper Incisors & Roots



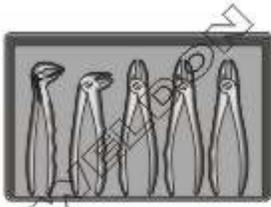
WD-037-183  
Fig. 33S  
Lower Roots



WD-037-184  
Fig. 38  
Lower Incisors & Canines

Extracting Forceps For Children ( Anatomically Shaped Handle)

Fórceps De Extracción Con Mango Adaptado | Zahnzangen Mit Paßformgriff Für Kinder



WD-038-191  
Set of 5, including  
WD-038-186  
WD-038-187  
WD-038-188  
WD-038-189  
WD-038-190



WD-038-186  
Fig. 22S  
Lower Molars



WD-038-187  
Fig. 39L  
Upper Molars, Left



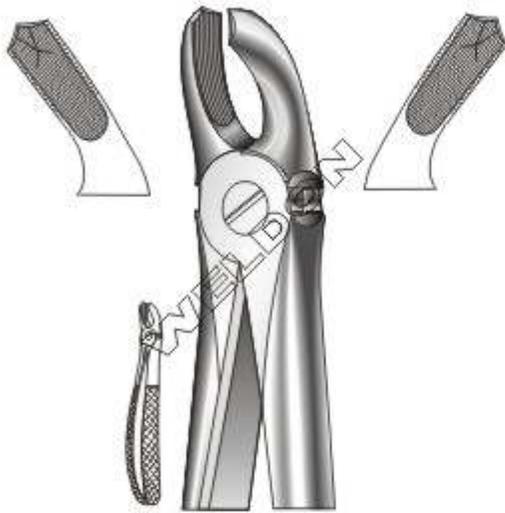
WD-038-188  
Fig. 73S  
Lower Molars



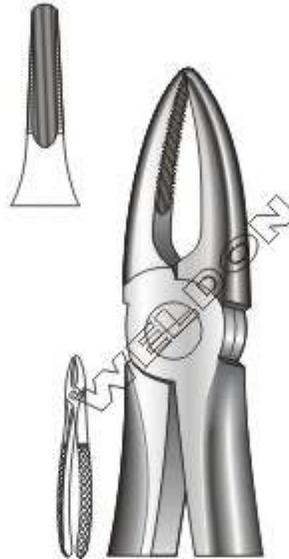
WD-038-189  
Fig. 39R  
Upper Molars, Right



WD-038-190  
Fig. 39S  
Upper Molars, Left



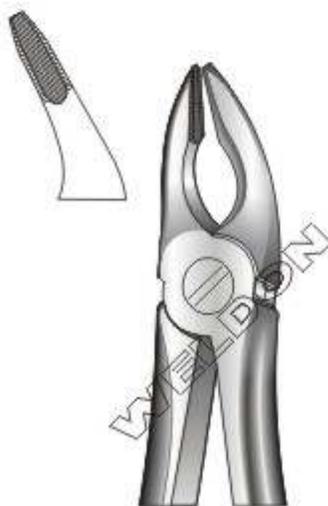
WD-039-192  
Fig. 18A  
Molars



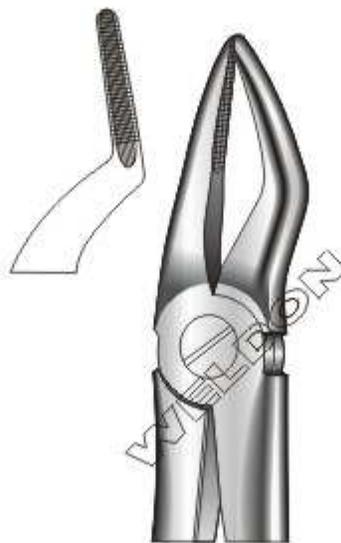
WD-039-193  
Fig. 29  
Roots & Incisors



WD-039-194  
Fig. 34N  
Incisors & Bicuspids,  
Deep-Gripping



WD-039-195  
Fig. 35N  
Incisors & Bicuspids,  
Deep-Gripping



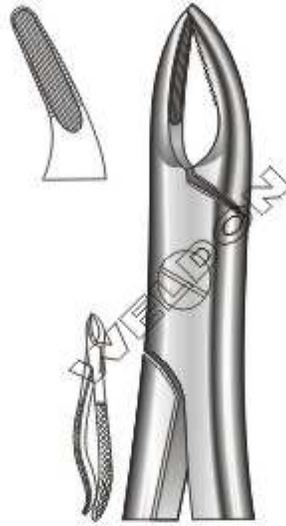
WD-039-196  
Fig. 51C  
Roots



WD-039-197  
Fig. 67N  
Third Molars, Deep-Gripping



Lawrence-Read  
WD-040-198  
Fig. 76  
Roots



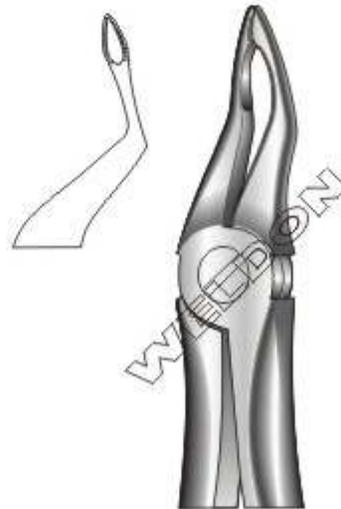
Lawrence-Read  
WD-040-199  
Fig. 76N  
Roots



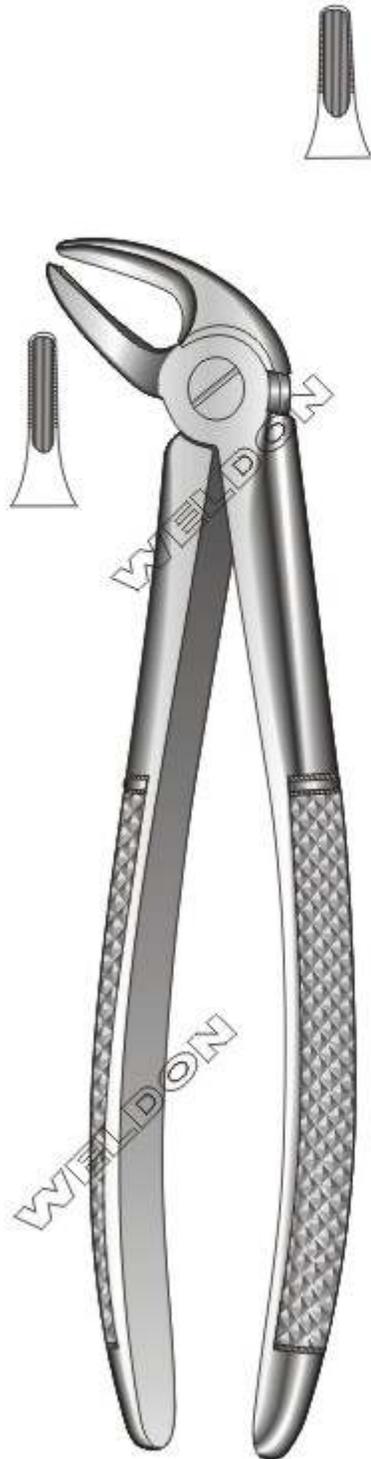
WD-040-200  
Fig. 97  
Very Fine Roots



WD-040-201  
Fig. 151  
Very Fine Roots



WD-040-202  
Fig. 153  
Root Fragments, Deep-Gripping



WD-041-203  
Fig. 4  
Incisors & Cuspids



WD-041-204  
Fig. 13  
Bicuspids



WD-041-205  
Fig. 22  
Molars



WD-041-206  
Fig. 23  
Molar, Right



WD-041-207  
Fig. 24  
Molar, Left



WD-042-208  
Fig. 33  
Roots



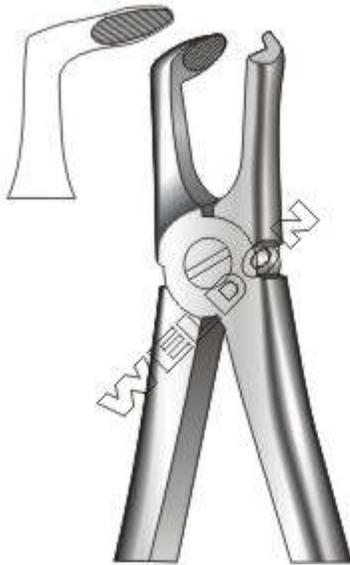
WD-042-209  
Fig. 33A  
Roots, Slender Jaw



WD-042-210  
Fig. 33C  
Roots, With Anti-Slip Gripping Surface



WD-042-211  
Fig. 33M  
Roots, Slender Jaw



WD-043-212  
Fig. 46N  
Bicuspids, Deep-Gripping



WD-043-213  
Fig. 74  
Incisors & Roots



WD-043-214  
Fig. 74XN  
Incisors & Roots, Slender Jaw



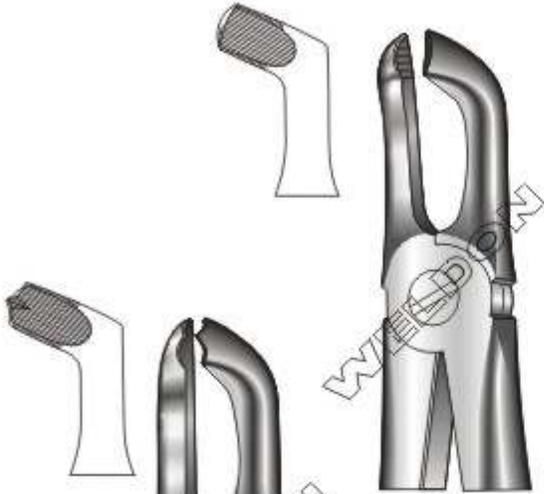
WD-043-215  
Fig. 75  
Cuspids & Bicuspids



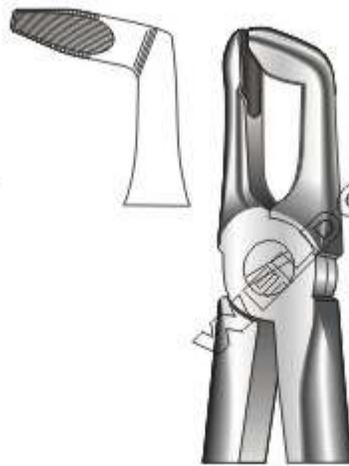
WD-043-216  
Fig. 133  
Very Fine Roots



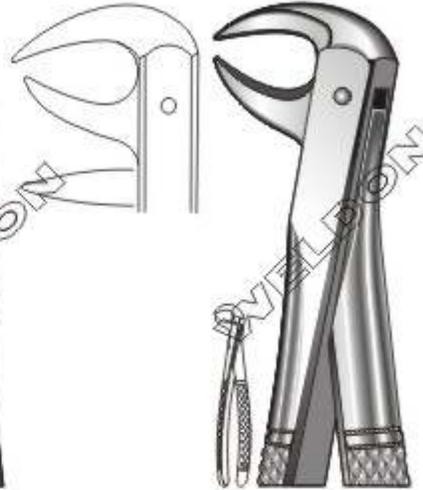
WD-043-217  
Fig. 146  
Root Fragments, Deep-Gripping



WD-044-219  
Fig. 79A  
Third Molars



WD-044-220  
Fig. 79N  
Third Molars



WD-044-221  
Fig. 86A  
Molars With Carious  
Or Broken Caps



WD-044-218  
Fig. 79  
Third Molars



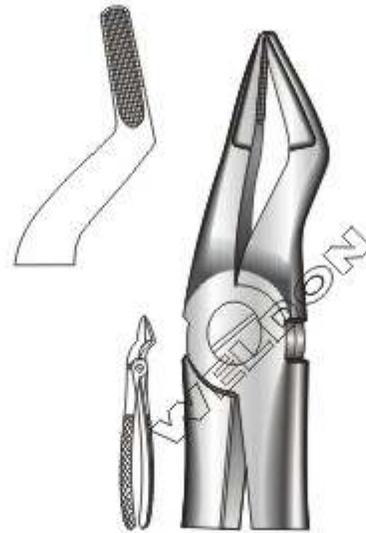
WD-044-222  
Fig. 86B  
Molars With Carious Or Broken Caps



WD-044-223  
Fig. 86C  
Molars With Carious Or Broken Caps



WD-045-225  
Fig. 233  
Roots, With Parallel Beak



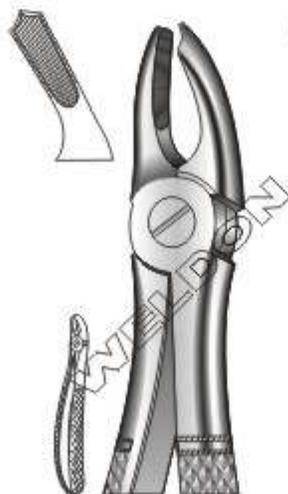
WD-045-226  
Fig. 51  
Roots



WD-045-227  
Fig. 74N  
Incisors & Roots, With Fine Beak



WD-045-224  
Fig. 39  
Molars



WD-045-228  
Fig. 39A  
Molars



WD-045-229  
Fig. 39L  
Molars, Left



WD-045-230  
Fig. 39R  
Molars, Right



WD-046-231  
Fig. 30  
Incisors & Roots



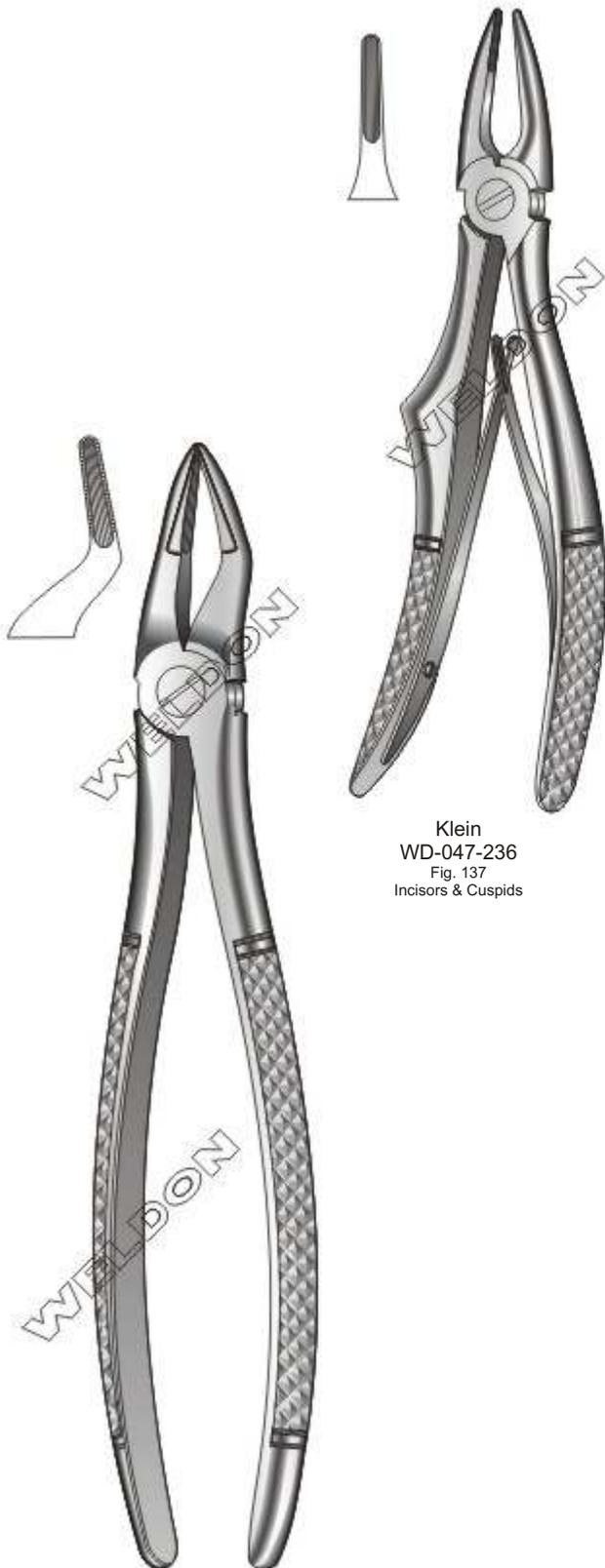
WD-046-232  
Fig. 30S  
Incisors & Roots



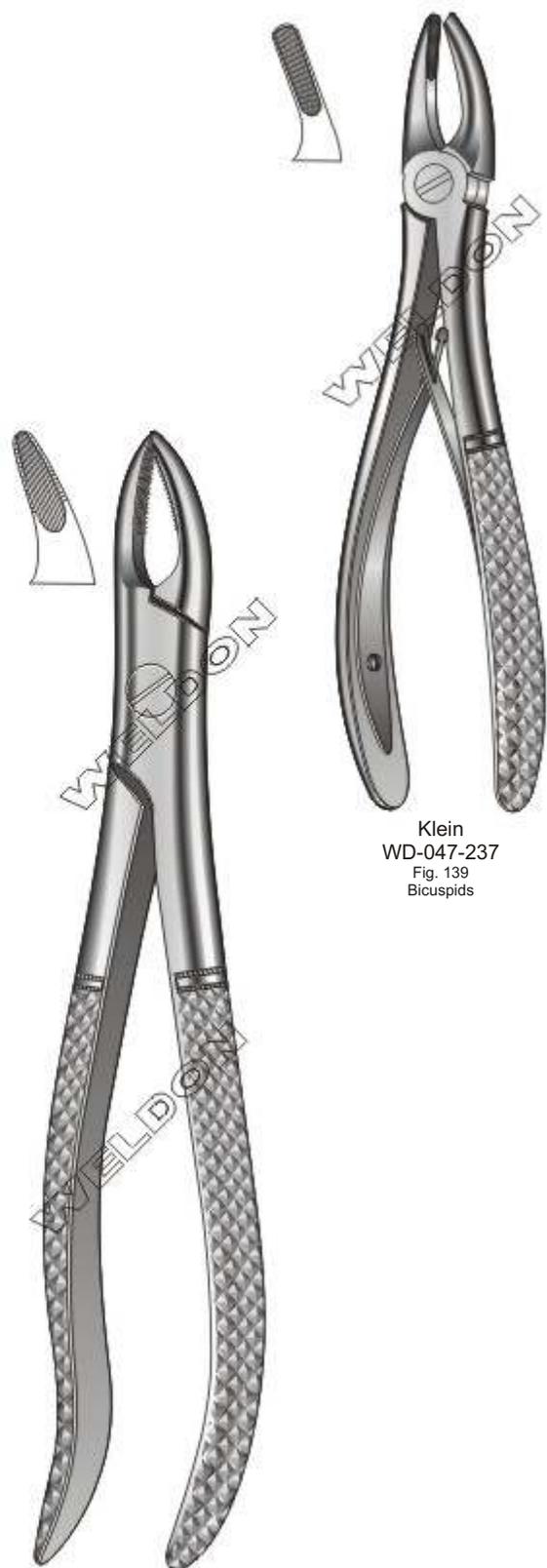
WD-046-233  
Fig. 73  
Molars



WD-046-234  
Fig. 37  
Incisors & Cuspids



Klein  
WD-047-236  
Fig. 137  
Incisors & Cuspids



Klein  
WD-047-237  
Fig. 139  
Bicuspids

WD-047-235  
Fig. 51S  
Roots

Lawrence-Read  
WD-047-238  
Fig. 76S  
Roots



Klein  
WD-048-240  
Fig. 5  
Incisors



Klein  
WD-048-241  
Fig. 6  
Molars



WD-048-239  
Fig. 40  
Molars



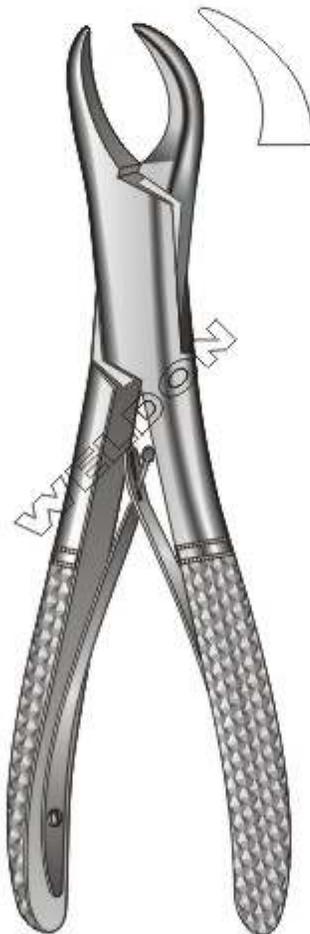
Klein  
WD-048-242  
Fig. 7  
Roots



WD-049-243  
Fig. 150Sk  
Teeth & Roots, Universal



WD-049-244  
Fig. 17Sk  
Molars



WD-049-245  
Fig. 23Sk  
Molars



WD-049-246  
Fig. 151Sk  
Teeth & Roots, Universal



WD-050-247  
Fig. 150AS  
Bicuspids, Incisors & Roots



Henahan  
WD-050-248  
Fig. 1A  
Incisors



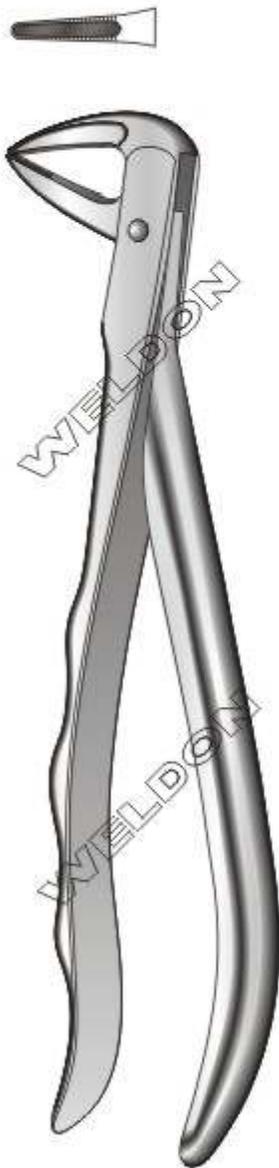
Parnly  
WD-050-249  
Fig. 32A  
Molars, Bicuspids & Roots



WD-050-250  
Fig. 62  
Teeth & Roots, Universal, Also For Children



WD-050-251  
Fig. 150X  
Bicuspids, Incisors & Roots



Martin Ergo  
WD-051-252  
Fig. 74N Diam  
Roots



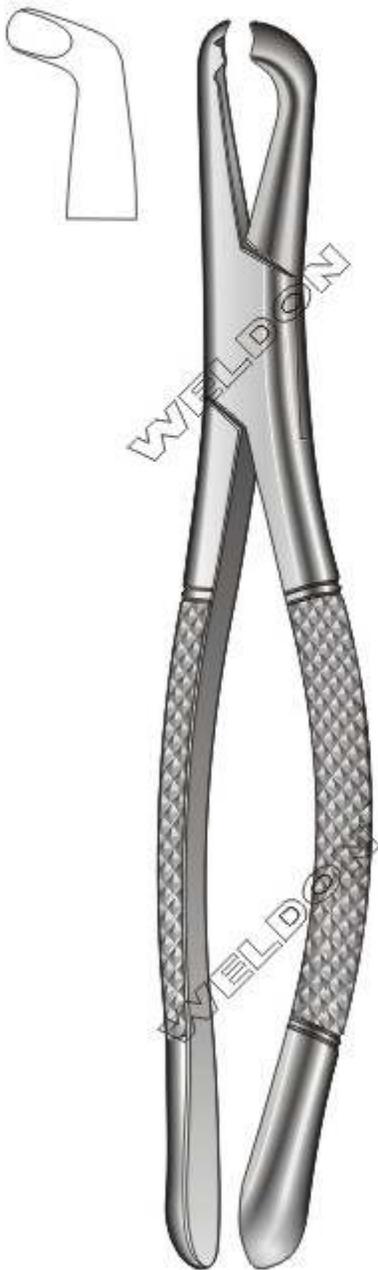
Witzel  
WD-051-253  
Fig. 501  
Root Fragments, Universal



Cryer  
WD-051-254  
Fig. 151X  
Bicuspids, Incisors & Roots



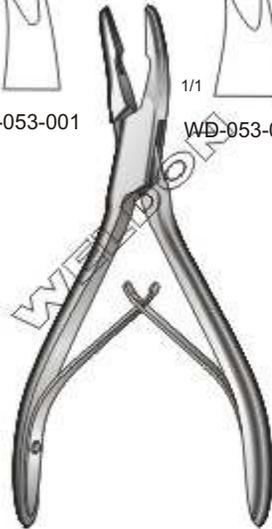
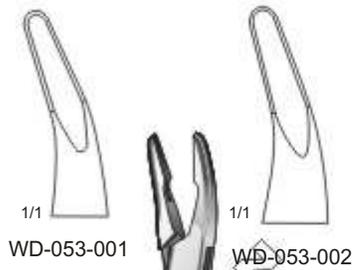
WD-051-255  
Fig. 151AS  
Bicuspids, Incisors & Roots



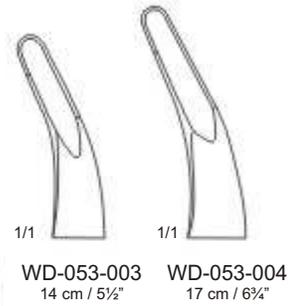
WD-052-256  
Fig. 222  
Third Molar



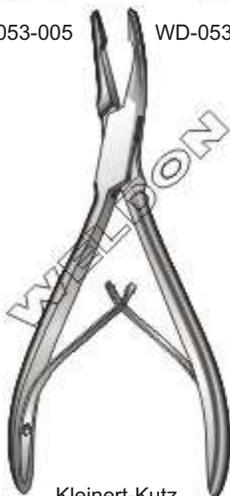
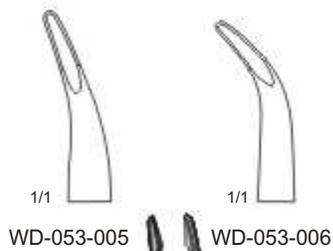
Witzel  
WD-052-257  
Fig. 502  
Root Fragments, Universal



Mead  
14 cm / 5½"



Mead



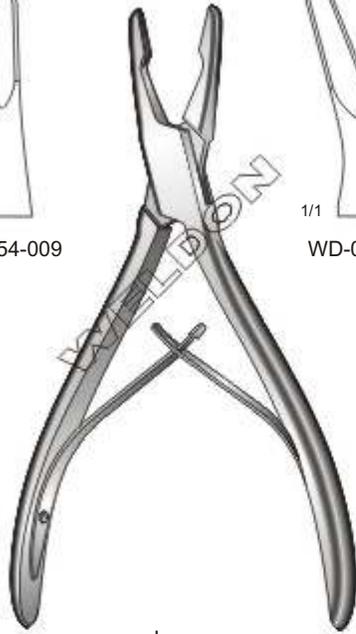
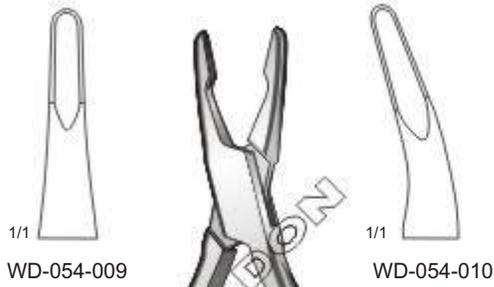
Kleinert-Kutz  
14 cm / 5½"



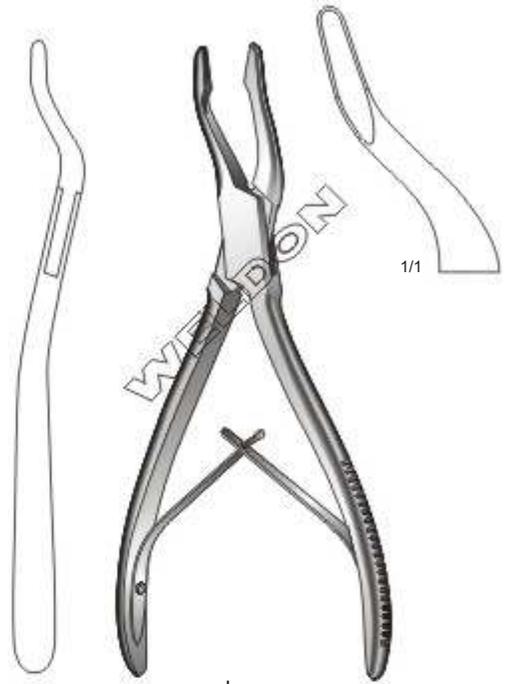
Mini-Friedmann  
WD-053-007  
13 cm / 5"



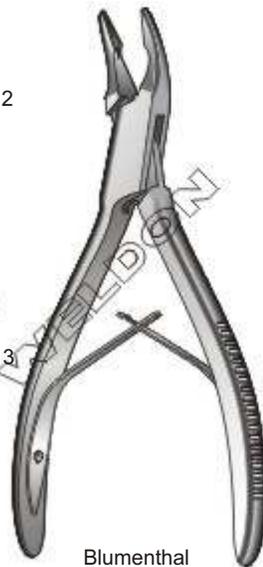
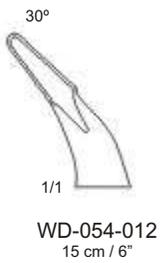
Friedmann  
WD-053-008  
14 cm / 5½"



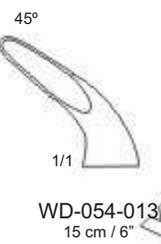
Jansen  
17 cm / 6 3/4"



Jansen  
WD-054-011  
17 cm / 6 3/4"



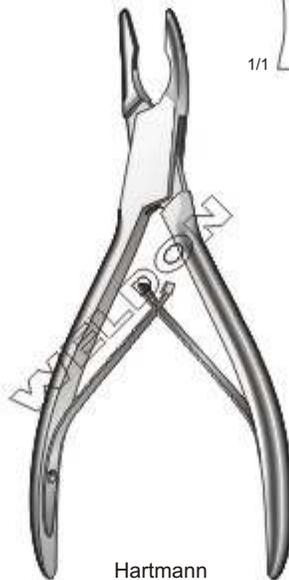
Blumenthal



WD-054-013  
15 cm / 6"



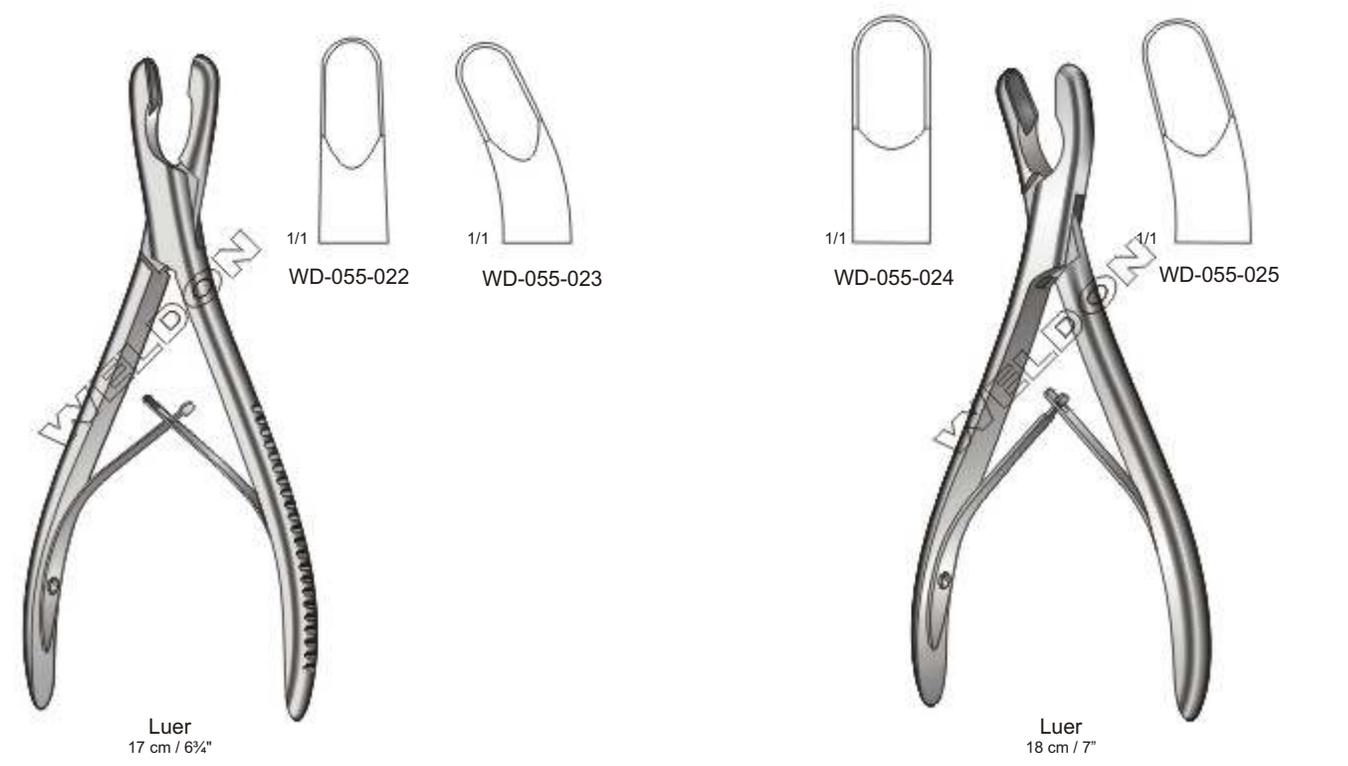
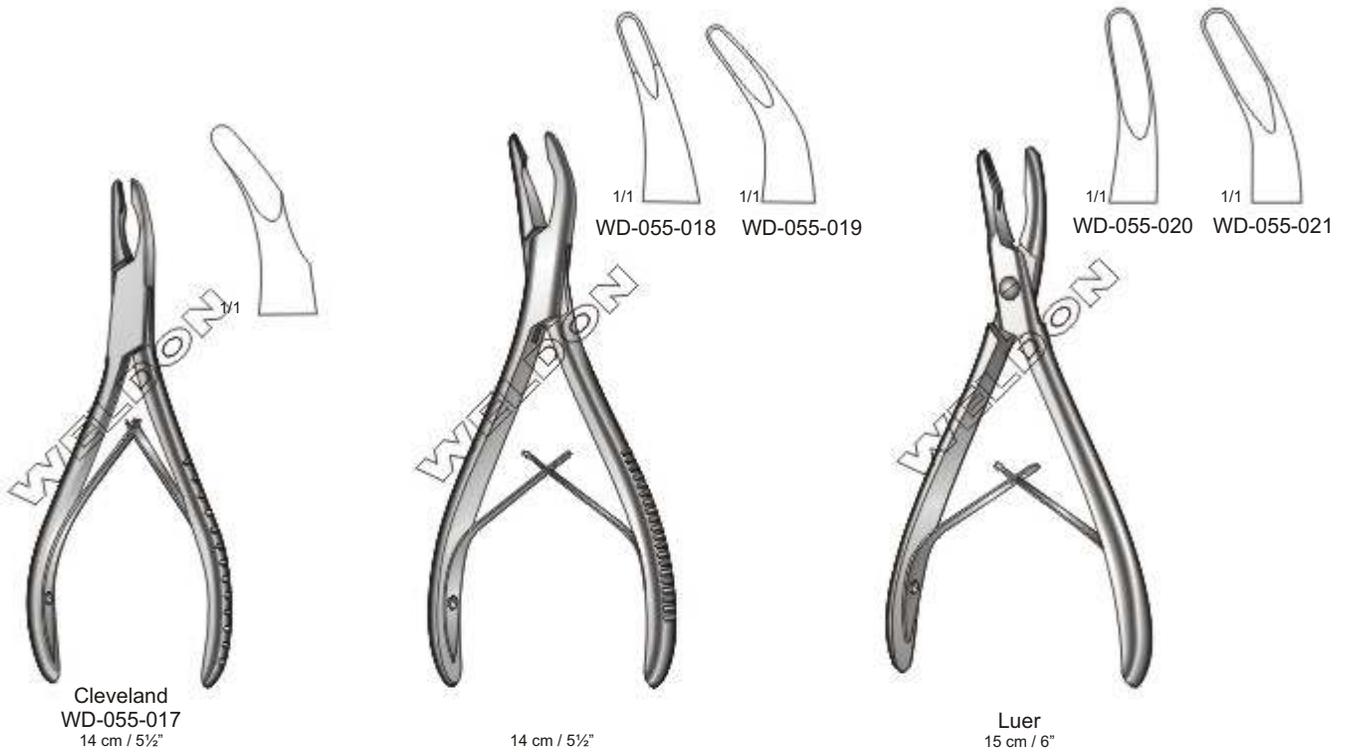
WD-054-014  
14 cm / 5 1/2"

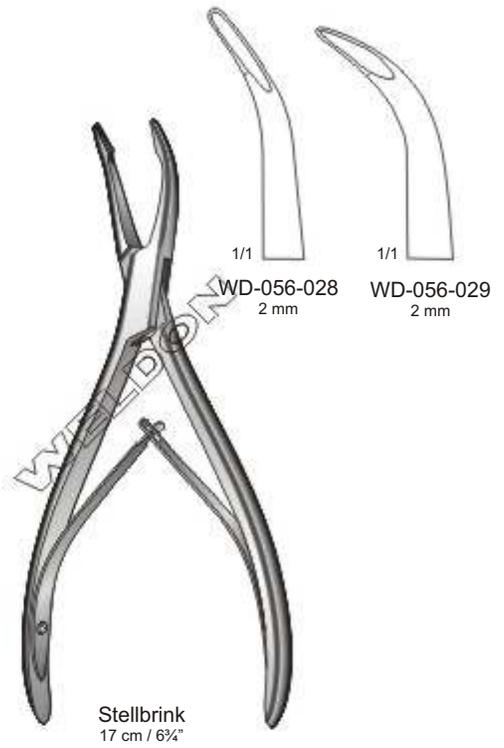
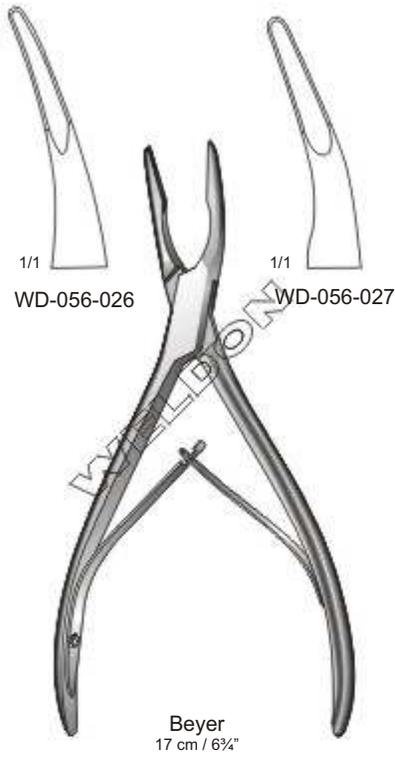


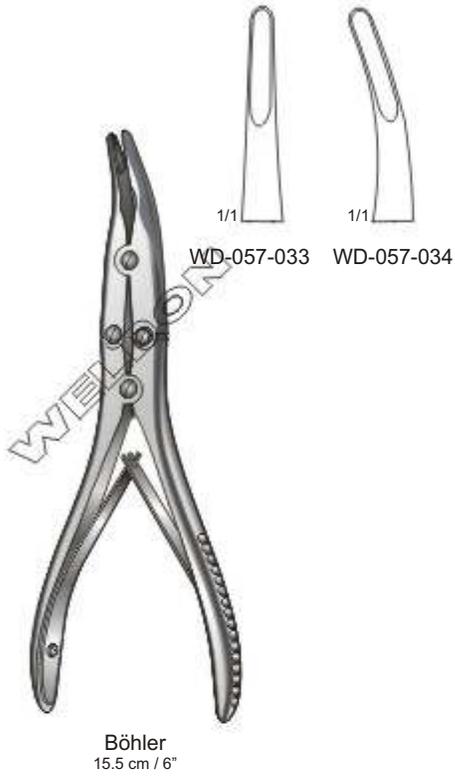
Hartmann  
WD-054-015  
16 cm / 6 1/4"

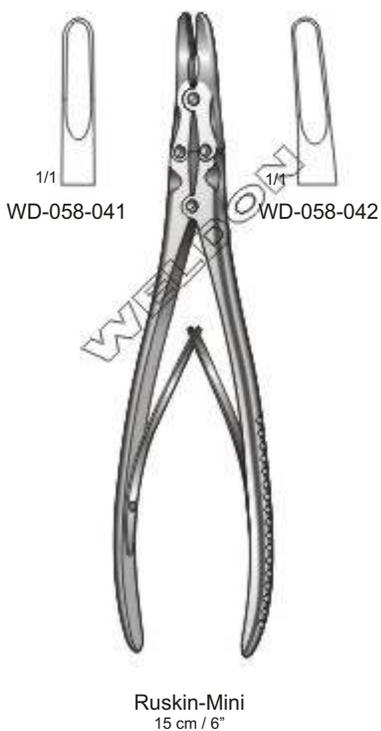
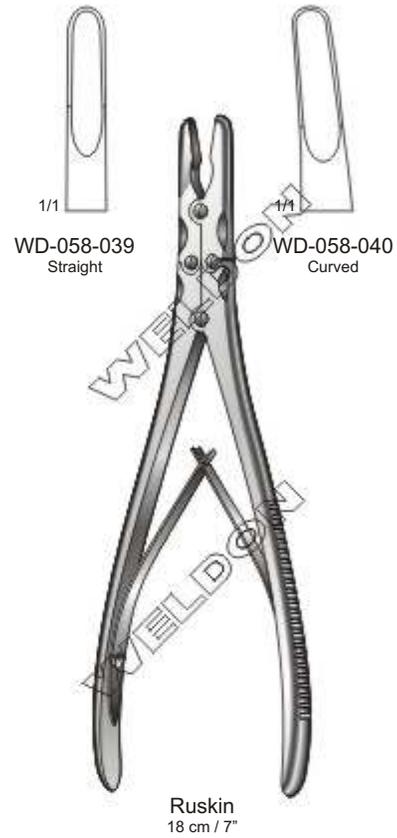


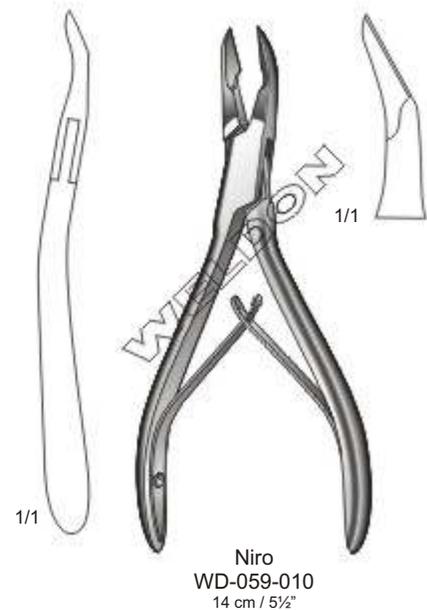
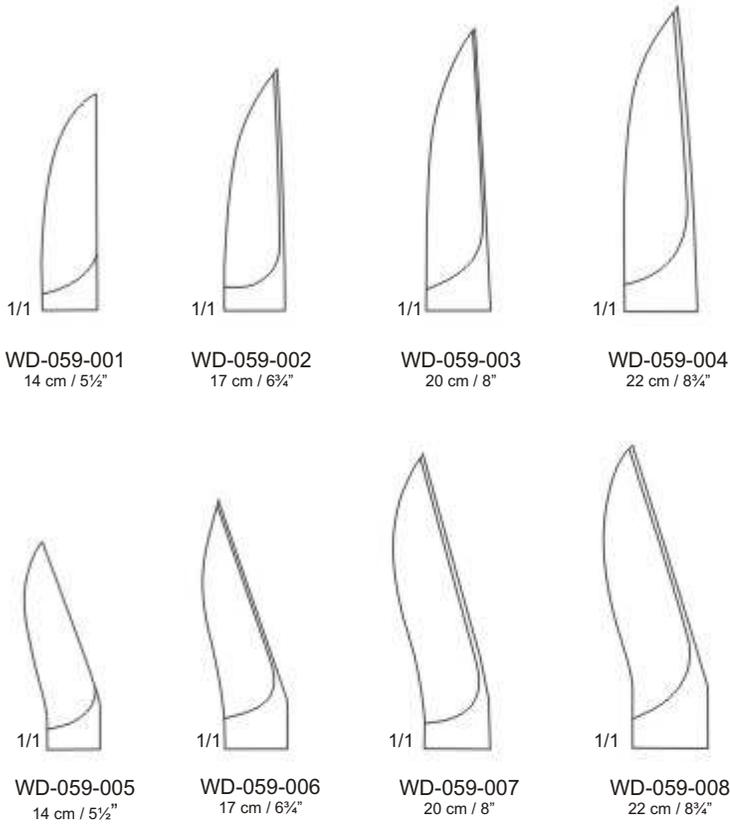
Hartmann  
WD-054-016  
17.5 cm / 7"













Cleveland  
WD-060-011  
17 cm / 6 3/4"



Cleveland  
WD-060-012  
15 cm / 6"



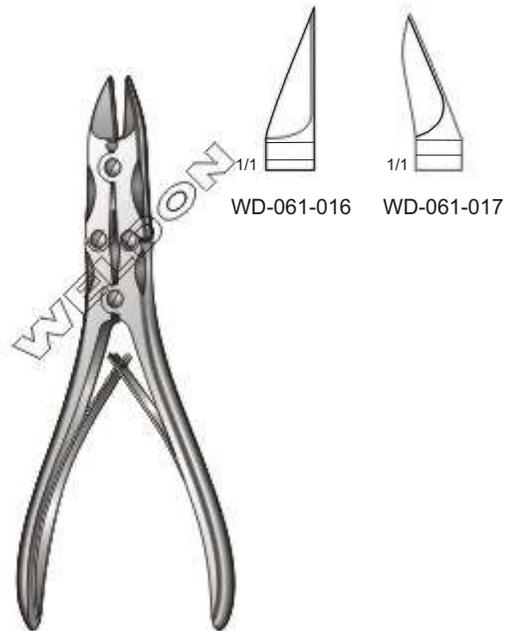
Cleveland  
WD-060-013  
12 cm / 4 3/4"



Cleveland  
WD-060-014  
16 cm / 6 1/4"



Cottle-Kazanjian  
WD-061-015  
19 cm / 7½"



Böhler  
15 cm / 6"



Böhler  
WD-061-018  
15 cm / 6"



Ruskin-Liston

WD-061-019 18.5 cm / 7¼"  
WD-061-021 23 cm / 9"  
Straight

WD-061-020  
WD-061-022  
Curved



## Root Elevators Are Available In Following Handles





Kopp  
WD-062-012  
WD-062-012-SB  
WD-062-012-SP  
Fig. 1

Kopp  
WD-062-013  
WD-062-013-SB  
WD-062-013-SP  
Fig. 2



Kopp  
WD-062-018  
WD-062-018-SB  
WD-062-018-SP  
Fig. 1

Kopp  
WD-062-019  
WD-062-019-SB  
WD-062-019-SP  
Fig. 2



Kopp  
WD-062-014  
WD-062-014-SB  
WD-062-014-SP  
Fig. 3

Kopp  
WD-062-015  
WD-062-015-SB  
WD-062-015-SP  
Fig. 4



Kopp  
WD-062-020  
WD-062-020-SB  
WD-062-020-SP  
Fig. 3

Kopp  
WD-062-021  
WD-062-021-SB  
WD-062-021-SP  
Fig. 4



Kopp



Kopp  
WD-062-016  
WD-062-016-SB  
WD-062-016-SP  
Fig. 5

Kopp  
WD-062-017  
WD-062-017-SB  
WD-062-017-SP  
Fig. 6



Kopp



Bein WD-063-007 WD-063-007-SB WD-063-007-SP Fig. 2B	Bein WD-063-008 WD-063-008-SB WD-063-008-SP Fig. 3B	Bein WD-063-009 WD-063-009-SB WD-063-009-SP Fig. 4B	Bein WD-063-010 WD-063-010-SB WD-063-010-SP Fig. 5B	Bein WD-063-011 WD-063-011-SB WD-063-011-SP Fig. 6B
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Bein WD-063-012 WD-063-012-SB WD-063-012-SP Fig. 1	Bein WD-063-013 WD-063-013-SB WD-063-013-SP Fig. 2	Bein WD-063-014 WD-063-014-SB WD-063-014-SP Fig. 3	Bein WD-063-015 WD-063-015-SB WD-063-015-SP Fig. 4
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Bein  
WD-063-006  
WD-063-006-SB  
WD-063-006-SP  
Fig. 1B

Bein



Fluhr  
WD-064-016  
WD-064-016-SB  
WD-064-016-SP  
Fig. 1F



Fluhr  
WD-064-017  
WD-064-017-SB  
WD-064-017-SP  
Fig. 2F



Fluhr  
WD-064-018  
WD-064-018-SB  
WD-064-018-SP  
Fig. 3F



Schmeckebeer  
WD-064-019  
WD-064-019-SB  
WD-064-019-SP  
Fig. 4B SA  
Concave Point



Schmeckebeer  
WD-064-020  
WD-064-020-SB  
WD-064-020-SP  
Fig. 5B SA  
Concave Point



Apexo  
WD-064-021  
WD-064-021-SB  
WD-064-021-SP  
Fig. 4 SA  
Flat Point



Apexo  
WD-064-022  
WD-064-022-SB  
WD-064-022-SP  
Fig. 5 SA  
Flat Point



Apical  
WD-064-022A  
WD-064-022A-SB  
WD-064-022A-SP  
Fig. 301



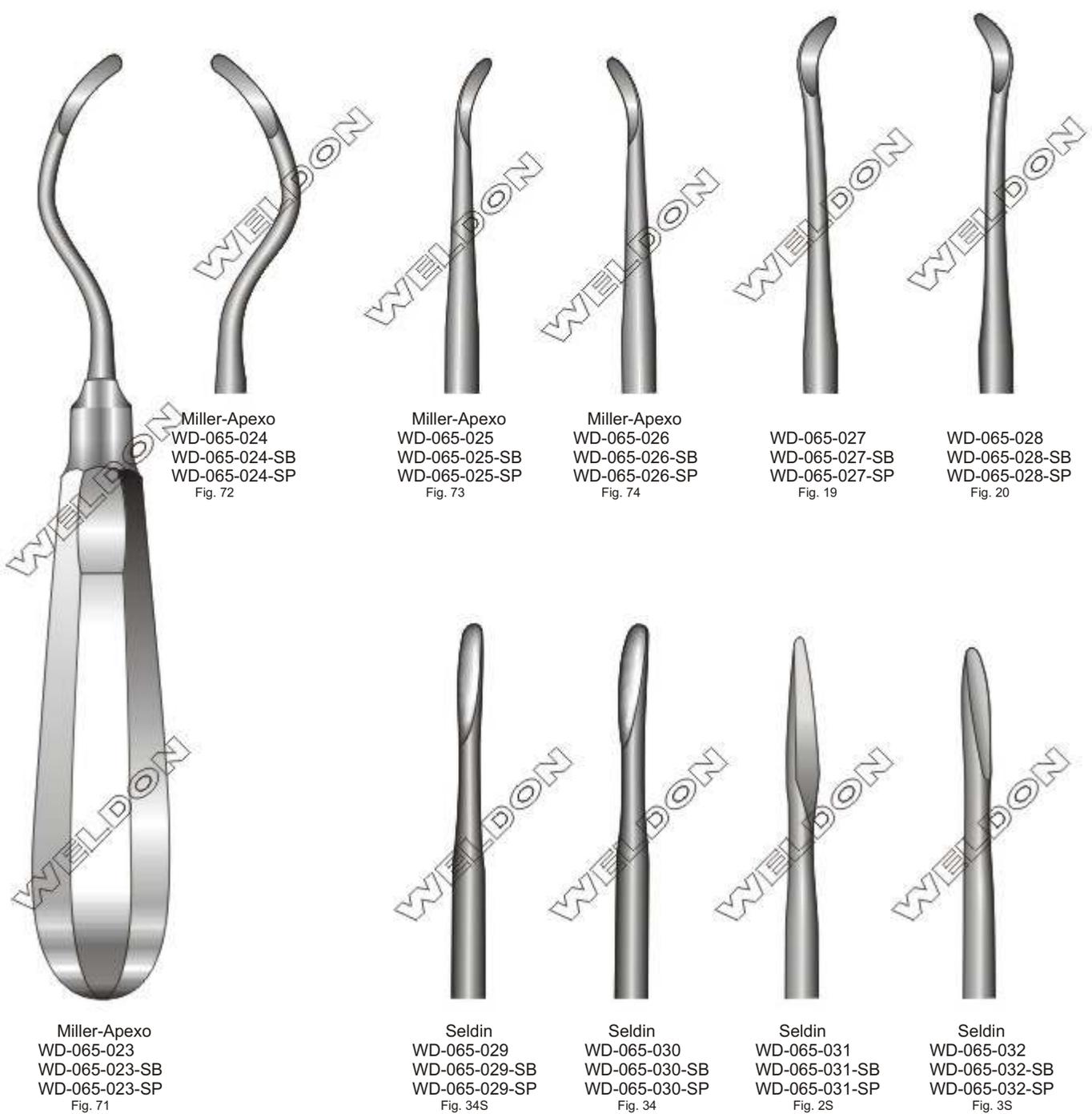
Apical  
WD-064-022B  
WD-064-022B-SB  
WD-064-022B-SP  
3 mm, Fig. 302



Apical  
WD-064-022C  
WD-064-022C-SB  
WD-064-022C-SP  
3 mm, Fig. 303



Apical  
WD-064-022D  
WD-064-022D-SB  
WD-064-022D-SP  
Fig. 304



Miller-Apexo  
WD-065-024  
WD-065-024-SB  
WD-065-024-SP  
Fig. 72

Miller-Apexo  
WD-065-025  
WD-065-025-SB  
WD-065-025-SP  
Fig. 73

Miller-Apexo  
WD-065-026  
WD-065-026-SB  
WD-065-026-SP  
Fig. 74

WD-065-027  
WD-065-027-SB  
WD-065-027-SP  
Fig. 19

WD-065-028  
WD-065-028-SB  
WD-065-028-SP  
Fig. 20

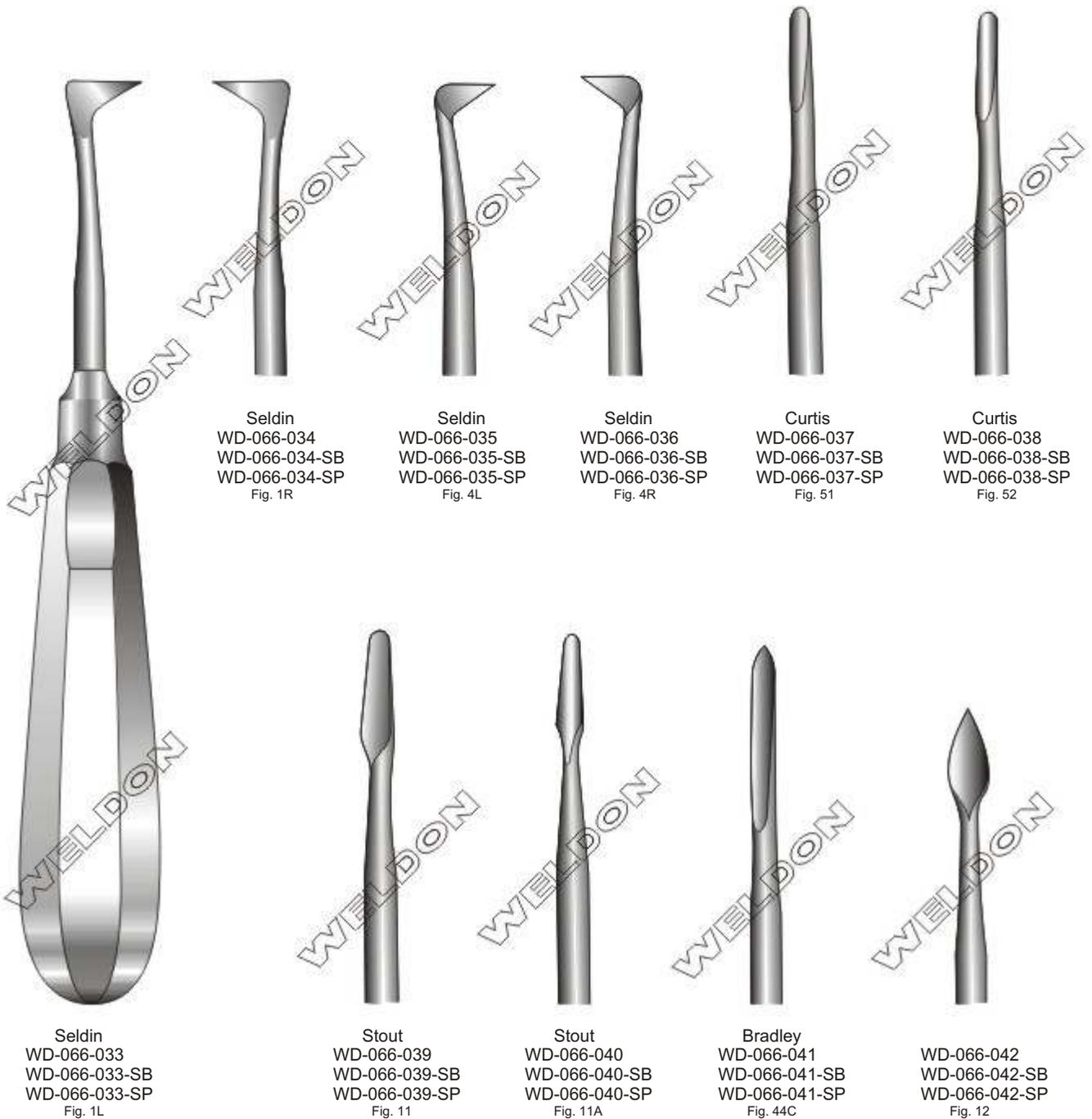
Miller-Apexo  
WD-065-023  
WD-065-023-SB  
WD-065-023-SP  
Fig. 71

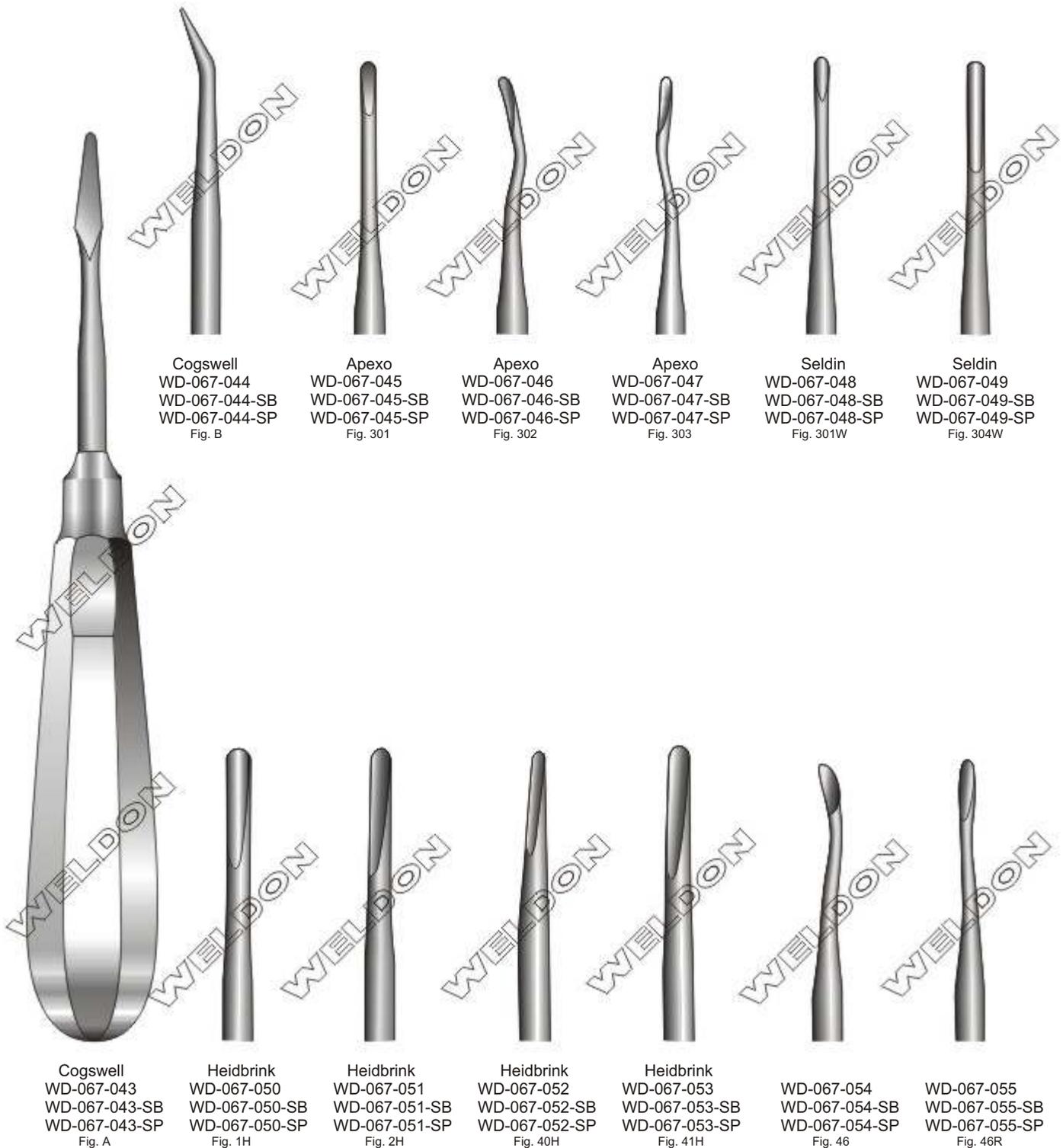
Seldin  
WD-065-029  
WD-065-029-SB  
WD-065-029-SP  
Fig. 34S

Seldin  
WD-065-030  
WD-065-030-SB  
WD-065-030-SP  
Fig. 34

Seldin  
WD-065-031  
WD-065-031-SB  
WD-065-031-SP  
Fig. 2S

Seldin  
WD-065-032  
WD-065-032-SB  
WD-065-032-SP  
Fig. 3S





Cogswell  
WD-067-044  
WD-067-044-SB  
WD-067-044-SP  
Fig. B

Apexo  
WD-067-045  
WD-067-045-SB  
WD-067-045-SP  
Fig. 301

Apexo  
WD-067-046  
WD-067-046-SB  
WD-067-046-SP  
Fig. 302

Apexo  
WD-067-047  
WD-067-047-SB  
WD-067-047-SP  
Fig. 303

Seldin  
WD-067-048  
WD-067-048-SB  
WD-067-048-SP  
Fig. 301W

Seldin  
WD-067-049  
WD-067-049-SB  
WD-067-049-SP  
Fig. 304W

Cogswell  
WD-067-043  
WD-067-043-SB  
WD-067-043-SP  
Fig. A

Heidbrink  
WD-067-050  
WD-067-050-SB  
WD-067-050-SP  
Fig. 1H

Heidbrink  
WD-067-051  
WD-067-051-SB  
WD-067-051-SP  
Fig. 2H

Heidbrink  
WD-067-052  
WD-067-052-SB  
WD-067-052-SP  
Fig. 40H

Heidbrink  
WD-067-053  
WD-067-053-SB  
WD-067-053-SP  
Fig. 41H

WD-067-054  
WD-067-054-SB  
WD-067-054-SP  
Fig. 46

WD-067-055  
WD-067-055-SB  
WD-067-055-SP  
Fig. 46R



Cryer  
WD-068-056  
WD-068-056-SB  
WD-068-056-SP  
Fig. 44



Cryer  
WD-068-057  
WD-068-057-SB  
WD-068-057-SP  
Fig. 45



Cryer  
WD-068-058  
WD-068-058-SB  
WD-068-058-SP  
Fig. 25



Cryer  
WD-068-059  
WD-068-059-SB  
WD-068-059-SP  
Fig. 26



Cryer  
WD-068-060  
WD-068-060-SB  
WD-068-060-SP  
Fig. 31



Cryer  
WD-068-061  
WD-068-061-SB  
WD-068-061-SP  
Fig. 32



WD-068-062  
WD-068-062-SB  
WD-068-062-SP  
Fig. 80



WD-068-063  
WD-068-063-SB  
WD-068-063-SP  
Fig. 81



WD-068-064  
WD-068-064-SB  
WD-068-064-SP  
Fig. 81A



WD-068-065  
WD-068-065-SB  
WD-068-065-SP  
Fig. 81E



Coupland  
WD-069-066  
WD-069-066-SB  
WD-069-066-SP  
Fig. A1C



Coupland  
WD-069-067  
WD-069-067-SB  
WD-069-067-SP  
Fig. A2C



Coupland  
WD-069-068  
WD-069-068-SB  
WD-069-068-SP  
Fig. A3C



WD-069-069  
WD-069-069-SB  
WD-069-069-SP  
Fig. 190



WD-069-070  
WD-069-070-SB  
WD-069-070-SP  
Fig. 191



Woodward  
WD-069-071  
WD-069-071-SB  
WD-069-071-SP  
Fig. 15



Woodward  
WD-069-072  
WD-069-072-SB  
WD-069-072-SP  
Fig. 16



WD-069-073  
WD-069-073-SB  
WD-069-073-SP  
Fig. 23



WD-069-074  
WD-069-074-SB  
WD-069-074-SP  
Fig. 24



WD-069-075  
WD-069-075-SB  
WD-069-075-SP  
Fig. 98





WD-071-087  
WD-071-087-SB  
WD-071-087-SP  
Fig. 1



WD-071-088  
WD-071-088-SB  
WD-071-088-SP  
Fig. 2



Flohr  
WD-071-089  
WD-071-089-SB  
WD-071-089-SP  
Fig. 2



Flohr  
WD-071-090  
WD-071-090-SB  
WD-071-090-SP  
Fig. 3



Cryer  
WD-071-091  
WD-071-091-SB  
WD-071-091-SP  
Fig. 7



Cryer  
WD-071-092  
WD-071-092-SB  
WD-071-092-SP  
Fig. 8



Bein  
WD-071-094  
WD-071-094-SB  
WD-071-094-SP  
Fig. 2



Bein  
WD-071-095  
WD-071-095-SB  
WD-071-095-SP  
Fig. 3



Bein  
WD-071-096  
WD-071-096-SB  
WD-071-096-SP  
Fig. 4



Bein  
WD-071-097  
WD-071-097-SB  
WD-071-097-SP  
Fig. 5



Bein  
WD-071-098  
WD-071-098-SB  
WD-071-098-SP  
Fig. 6



Bein  
WD-071-093  
WD-071-093-SB  
WD-071-093-SP  
Fig. 1

Root Elevators (Anatomically Shaped Handle)

Elevadores Para Raíces Con Mango Adaptado | Wurzelheber Mit Paßformgriff





Miller-Apexo  
WD-073-110  
Fig. 71



Miller-Apexo  
WD-073-111  
Fig. 72



Miller-Apexo  
WD-073-112  
Fig. 73



Miller-Apexo  
WD-073-113  
Fig. 74



WD-073-114  
Fig. 19



WD-073-115  
Fig. 20



Seldin  
WD-073-116  
Fig. 1L



Seldin  
WD-073-117  
Fig. 1R



Seldin  
WD-073-118  
Fig. 4L



Seldin  
WD-073-119  
Fig. 4R



Seldin  
WD-073-120  
Fig. 301W



Seldin  
WD-073-121  
Fig. 304W

Root Elevators (Anatomically Shaped Handle)

Elevadores Para Raíces Con Mango Adaptado | Wurzelheber Mit Paßformgriff



Apexo  
WD-074-123 Fig. 302  
Apexo  
WD-074-124 Fig. 303



Heidbrink  
WD-074-125 Fig. 1H  
Heidbrink  
WD-074-126 Fig. 2H



Heidbrink  
WD-074-127 Fig. 40H  
Heidbrink  
WD-074-128 Fig. 41H



Cryer  
WD-074-129 Fig. 44



Cryer  
WD-074-130 Fig. 45



Cryer  
WD-074-131 Fig. 25



Cryer  
WD-074-132 Fig. 26



Cryer  
WD-074-133 Fig. 31



Cryer  
WD-074-134 Fig. 32



Walter F. Barry  
WD-075-135  
Stainless Steel Handle



Walter F. Barry  
WD-075-136 Fig. 320



Walter F. Barry  
WD-075-137 Fig. 321



Walter F. Barry  
WD-075-138 Fig. 322



Walter F. Barry  
WD-075-139 Fig. 323



Walter F. Barry  
WD-075-140 Fig. 350



Walter F. Barry  
WD-075-141 Fig. 351



Walter F. Barry  
WD-075-142 Fig. 370



Walter F. Barry  
WD-075-143 Fig. 371



Lecluse  
WD-075-144  
Stainless Steel Handle



Lecluse  
WD-075-145  
Fig. 1LC



Winter  
WD-076-146  
Stainless Steel Handle



Winter  
WD-076-147  
Fig. 1LW



Winter  
WD-076-148  
Fig. 1RW



Winter  
WD-076-149  
Fig. 11LW



Winter  
WD-076-150  
Fig. 11RW



Winter  
WD-076-151  
Fig. 12LW



Winter  
WD-076-152  
Fig. 12RW



Winter  
WD-076-153  
Fig. 14LW



Winter  
WD-076-154  
Fig. 14RW



Heidbrink  
WD-077-002  
Fig. 2



Heidbrink  
WD-077-003  
Fig. 3



Warwick-James  
WD-077-005  
Fig. 2



Warwick-James  
WD-077-006  
Fig. 3



Heidbrink  
WD-077-008  
Fig. 2



Heidbrink  
WD-077-009  
Fig. 3



Heidbrink  
WD-077-001  
Fig. 1



Warwick-James  
WD-077-004  
Fig. 1



Heidbrink  
WD-077-007  
Fig. 1



WD-078-002  
Fig. 0

WD-078-003  
Fig. 1



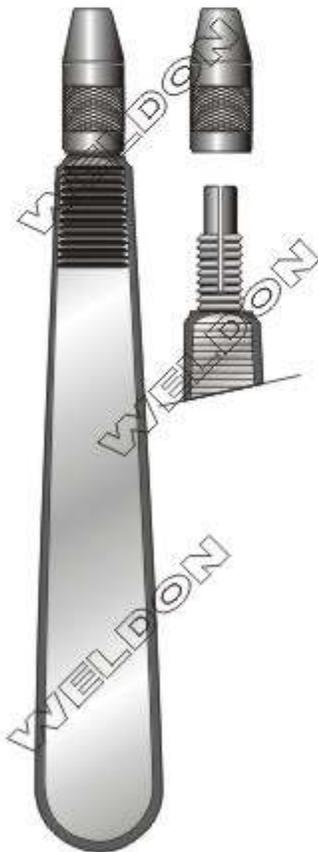
WD-078-004  
Fig. 2

WD-078-005  
Fig. 3



WD-078-006  
Fig. 4

WD-078-007  
Fig. 5



WD-078-008  
Fig. 6



WD-078-009  
Fig. 7



WD-078-010  
Fig. 8



WD-078-011  
Fig. 9



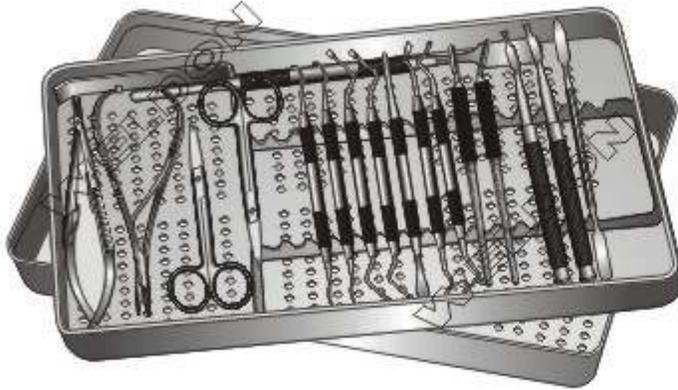
WD-078-012  
Fig. 11

WD-078-013  
Complete Set  
Consisting Of 1 Handle & 11 Interchangeable Tips  
Fig.0 - Fig.11

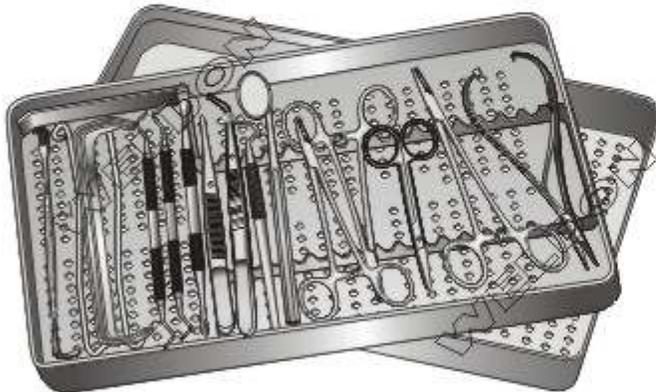
WD-078-014  
Complete Set  
Consisting Of 1 Handle & 20 Tips  
Fig.0 - Fig.11 & Fig.21 - Fig.19

WD-078-001  
11 cm / 4 1/4"  
Handle Only

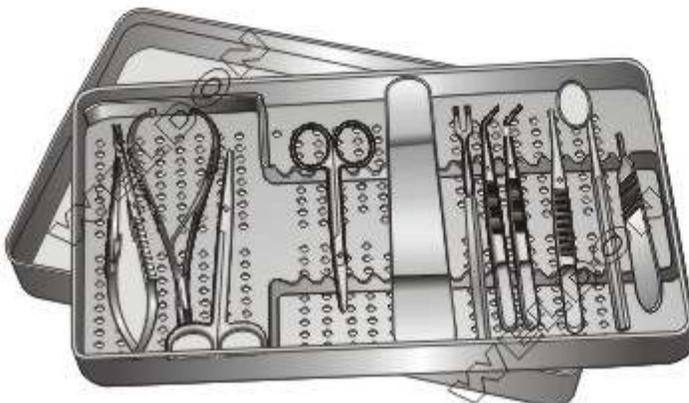




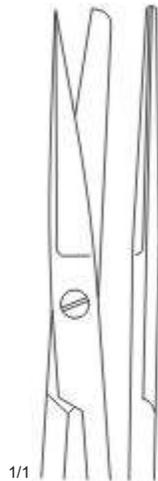
- WD-080-001**  
**Contents**  
 Curette Gracey x 3  
 Scissor Goldman-Fox x 2  
 Bone Curette Lucas x 2  
 Knife Kirkland  
 Knife Orban  
 Periosteals Molt  
 Periosteals Prichard  
 Scalpel Handles Straight  
 Scalpel Handles Curved  
 Chisel Oxsenbein x 2  
 Needle Holder - Castroviejo  
 Needle Holder - Mathieu  
 Tray



- WD-080-002**  
**Contents**  
 Handle For Mouth Mirror  
 Mouth Mirror  
 Explorer  
 Cutting And Dressing Pliers - London College  
 Tissue Plier - Semken - Taylor  
 Knives Goldman - Fox  
 Knives Orban  
 Periosteals Molt  
 Periosteals Prichard  
 Retractor Farabeuf  
 Retractor Sternberg  
 Retractor Senn-Miller  
 Needle Holder Crile-wood  
 Needle Holder Mathieu  
 Scissor Goldman - Fox  
 Haemostatic Forceps - Halstead Mosquito, Straight  
 Haemostatic Forceps - Halstead Mosquito, Curved  
 Tray



- WD-080-003**  
**Contents**  
 Cotton And Dressing Plier  
 Tissue Plier  
 Suture Plier  
 Retractor  
 Needle Holder Mathieu  
 Needle Holder Castroviejo  
 Scalpel Handle  
 Surgical Scissor - Spencer  
 Surgical Scissor Curved - Metzenbaum  
 Handle For Mouth Mirror  
 Mouth Mirror  
 Retractor - Buchwald  
 Tray



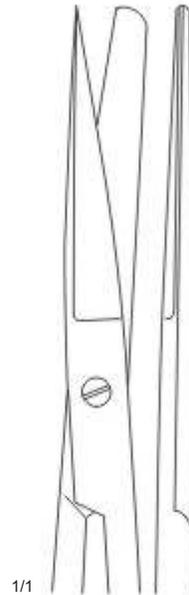
1/1

WD-081-001  
10.5 cm / 4 1/4"



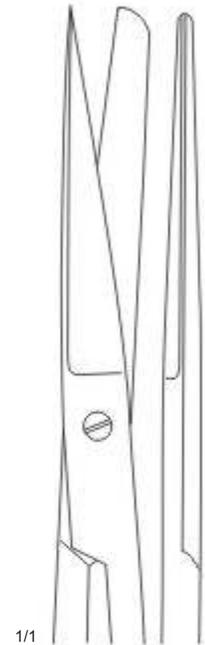
1/1

WD-081-002  
11.5 cm / 4 1/2"



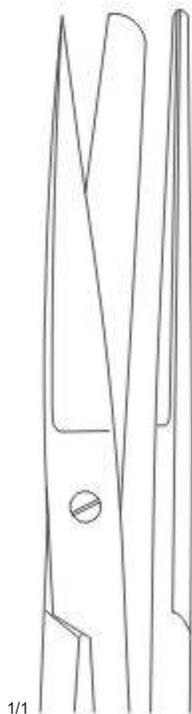
1/1

WD-081-003  
13 cm / 5"



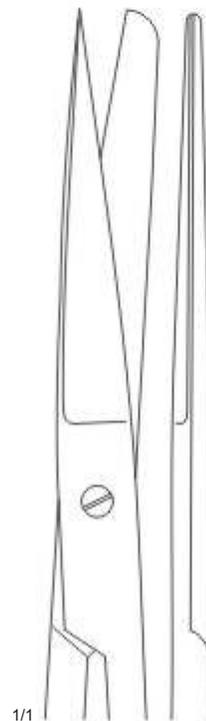
1/1

WD-081-004  
14 cm / 5 1/2"



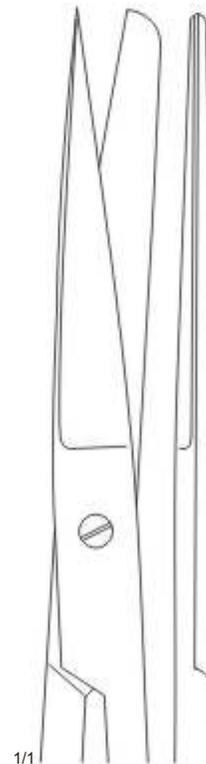
1/1

WD-081-005  
15.5 cm / 6"



1/1

WD-081-006  
16.5 cm / 6 1/2"

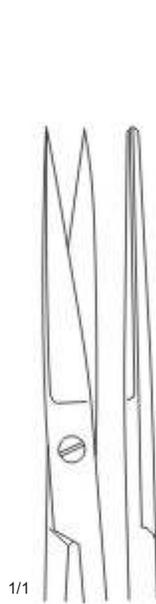


1/1

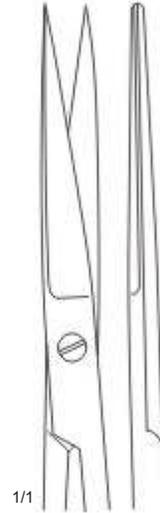
WD-081-007  
17.5 cm / 7"



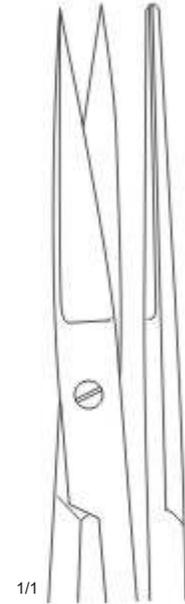
Operating  
Sharp / Blunt  
Straight



WD-082-008  
10.5 cm / 4 1/4"



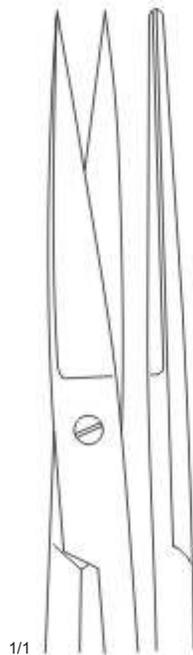
WD-082-009  
11.5 cm / 4 1/2"



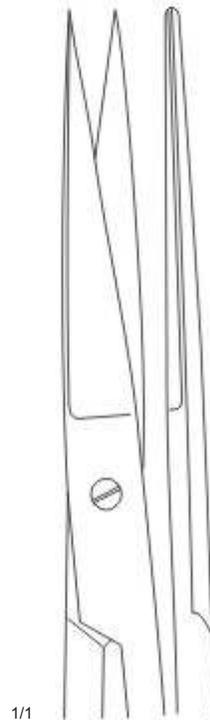
WD-082-010  
13 cm / 5"



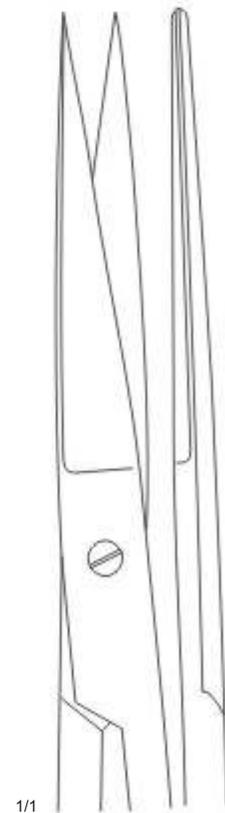
Operating  
Sharp / Sharp  
Straight



WD-082-011  
14 cm / 5 1/2"



WD-082-012  
15.5 cm / 6"

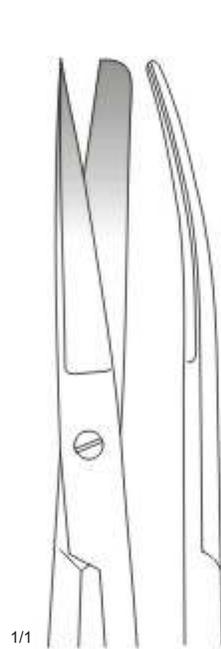


WD-082-013  
17.5 cm / 7"



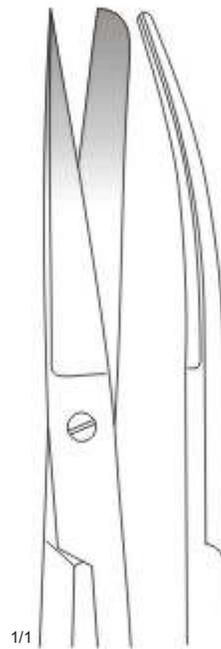
1/1

WD-083-014  
11.5 cm / 4½"



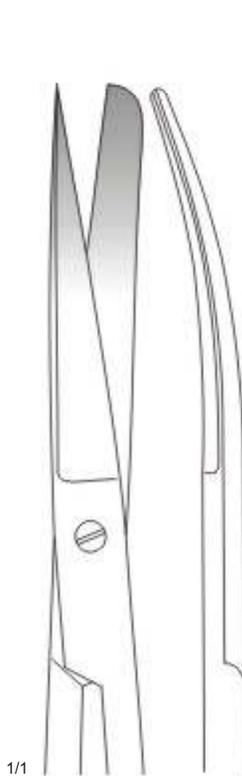
1/1

WD-083-015  
13 cm / 5"



1/1

WD-083-016  
14 cm / 5½"



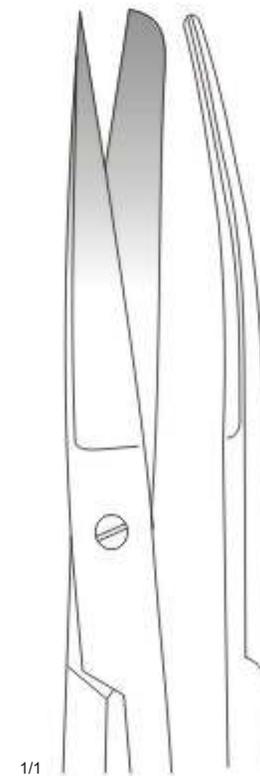
1/1

WD-083-017  
15.5 cm / 6"



1/1

WD-083-018  
16.5 cm / 6½"

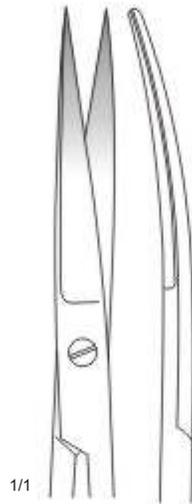


1/1

WD-083-019  
17.5 cm / 7"

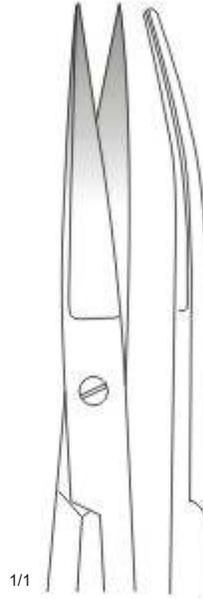


Operating  
Sharp / Blunt  
Curved



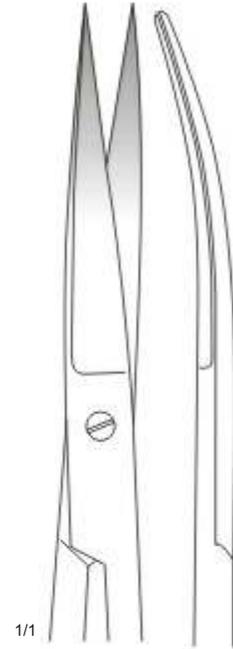
1/1

WD-084-020  
11.5 cm / 4½"



1/1

WD-084-021  
13 cm / 5"

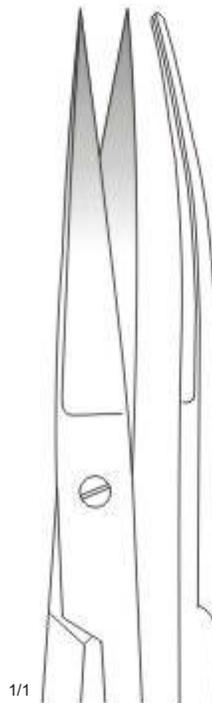


1/1

WD-084-022  
14 cm / 5½"

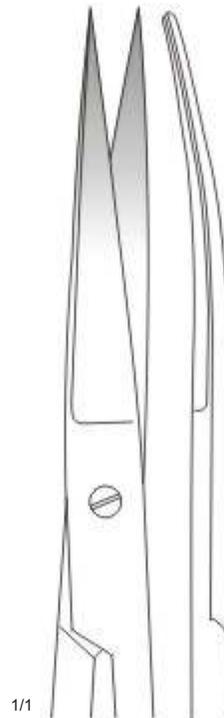


Operating  
Sharp / Sharp  
Curved



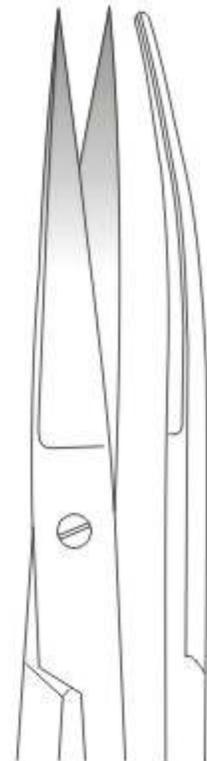
1/1

WD-084-023  
15.5 cm / 6"



1/1

WD-084-024  
16.5 cm / 6½"



WD-084-025  
17.5 cm / 7"



Spencer  
WD-085-026  
9 cm / 3½"

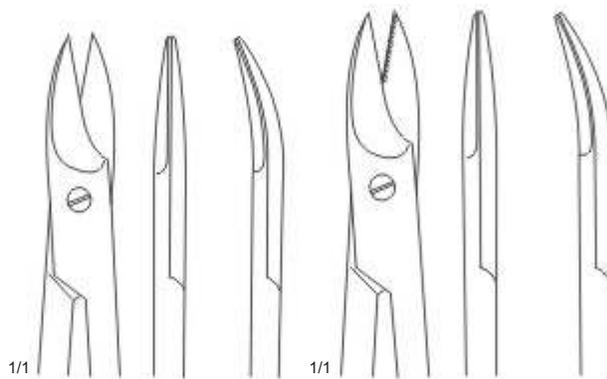
Spencer  
WD-085-027  
13 cm / 5"

Littauer  
WD-085-028  
14 cm / 5½"

Universal  
WD-085-029  
12 cm / 4¾"  
Wire Cutting Scissors



Heath-Stitch  
WD-085-030 16 cm / 6¼"  
WD-085-031 18 cm / 7"  
Suture Removal Scissors



WD-085-032  
10 cm / 4"  
Straight

WD-085-033  
10 cm / 4"  
Curved

WD-085-034  
12 cm / 4¾"  
1 Blade Saw Edge  
Straight

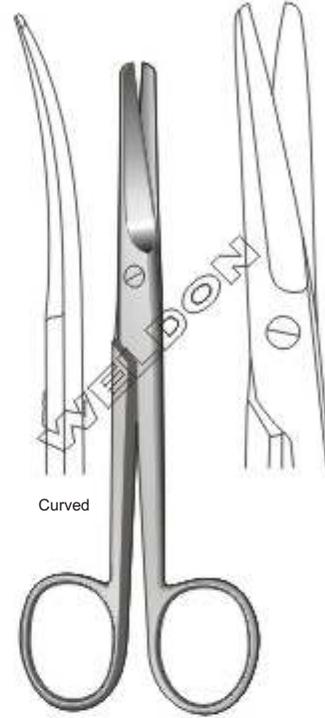
WD-085-035  
12 cm / 4¾"  
1 Blade Saw Edge  
Curved



Bee Bee  
Wire Cutting Scissors

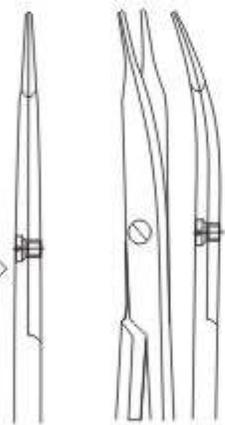
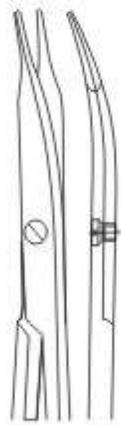
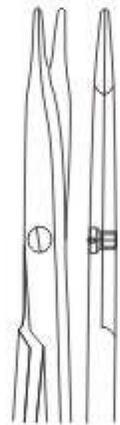
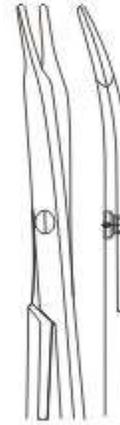


Straight

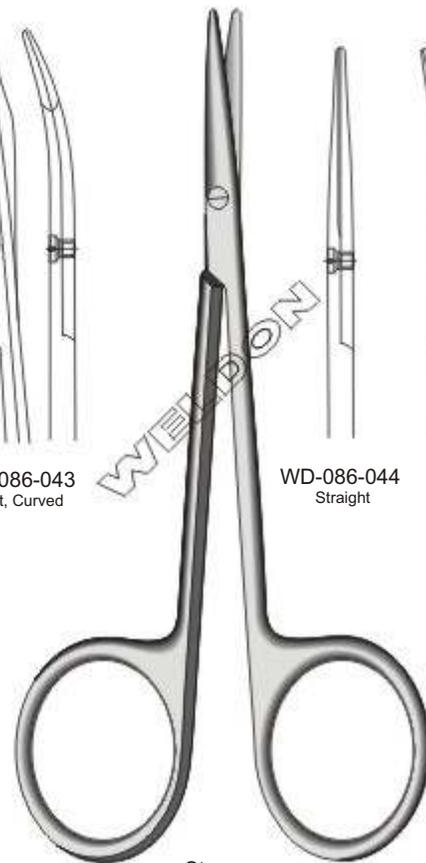
**Mayo**  
 WD-086-036 14.5 cm / 5½"  
 WD-086-037 17 cm / 6¾"


Curved

**Mayo**  
 WD-086-038 14.5 cm / 5½"  
 WD-086-039 17 cm / 6¾"

**Stevens**  
 11.5 cm / 4½"  
 Dissecting & Strabismus

 WD-086-040  
 Straight

 WD-086-041  
 Curved

 WD-086-042  
 Blunt, Straight

 WD-086-043  
 Blunt, Curved

 WD-086-044  
 Straight

 WD-086-045  
 Curved

**Stevens**  
 11.5 cm / 4½"  
 Dissecting & Strabismus



Metzenbaum  
 WD-087-046 14.5 cm / 5 3/4"  
 WD-087-048 16 cm / 6 1/4"  
 WD-087-050 18 cm / 7 1/8"  
 Straight



Metzenbaum  
 WD-087-047 14.5 cm / 5 3/4"  
 WD-087-049 16 cm / 6 1/4"  
 WD-087-051 18 cm / 7 1/8"  
 Curved



Metzenbaum-Delicate  
 WD-087-052  
 14.5 cm / 5 3/4"  
 Straight



Metzenbaum-Delicate  
 WD-087-053  
 14.5 cm / 5 3/4"  
 Curved



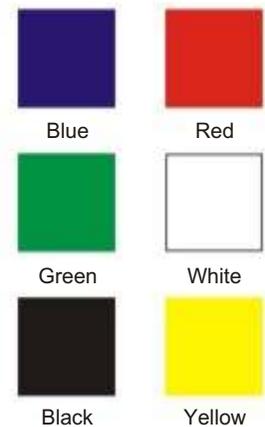
Lister  
 WD-087-054  
 18 cm / 7 1/8"  
 Bandage Scissors



Lister  
 WD-087-055  
 14.5 cm / 5 3/4"  
 Bandage Scissors



Universal  
 WD-087-056 15 cm / 6"  
 WD-087-057 17 cm / 6 3/4"  
 Autoclavable Up To 143° C



Universal Scissors are available in above colors



Barraquer  
WD-088-058  
14 cm / 5½"  
Surgical Scissors  
Straight



Barraquer  
WD-088-059  
Surgical Scissors  
14 cm / 5½"  
Curved



Castro  
WD-088-060  
Surgical Scissors  
45°



Fine Operating Scissors  
12 cm / 4 3/4"

WD-089-061  
Fig. 1  
Straight



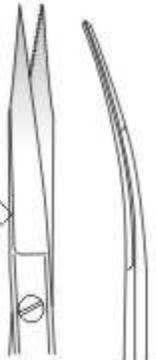
WD-089-062  
Fig. 2  
Curved



Goldman-Fox  
WD-089-063  
13 cm / 5"  
Straight, Saw Edge



Goldman-Fox  
WD-089-064  
13 cm / 5"  
Curved, Saw Edge

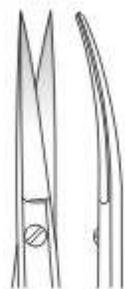


Iris  
11.5 cm / 4 1/2"

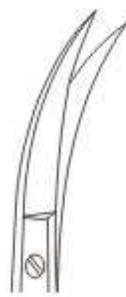
WD-089-065  
Straight



WD-089-066  
Curved



WD-089-067  
Side Curved

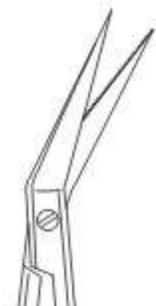


Fine Operating Scissors  
11.5 cm / 4 1/2"

WD-089-068  
Angular



WD-089-069  
Angular, Saw Edge





Curved, Saw Edge

Dean  
WD-090-070  
17 cm / 6 3/4"



Neumann  
WD-090-071  
12.5 cm / 5"



La Grange  
WD-090-072  
Curved, Saw Edge  
10.5 cm / 4 1/4"

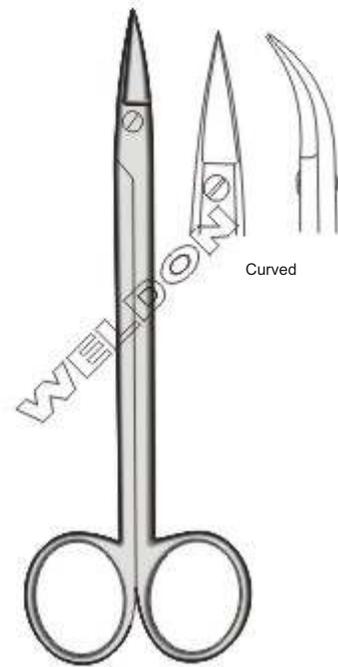


Goldman-Fox (Special)  
WD-090-073  
13 cm / 5"  
Curved, Saw Edge



Straight

Quinby  
WD-090-074  
12.5 cm / 5"



Curved

Quinby  
WD-090-075  
12.5 cm / 5"



Kelly  
WD-091-076  
16 cm / 6¼"  
Straight



Kelly  
WD-091-077  
16 cm / 6¼"  
Curved



Locklin  
WD-091-078  
16.5 cm / 6½"  
Saw Edge



Locklin  
WD-091-079  
16.5 cm / 6½"  
Saw Edge



Sullivan  
WD-091-080  
14.5 cm / 5¾"  
Straight, Saw Edge



Sullivan  
WD-091-081  
14.5 cm / 5¾"  
Curved, Saw Edge



Noyes - Castroviejo  
WD-092-082  
12 cm / 4¾"  
Very Fine Points



Westcott  
WD-092-083  
11 cm / 4¼"  
Sharp Pointed



Westcott  
WD-092-084  
11 cm / 4¼"  
Blunt, Pointed



WD-092-085  
14.5 cm / 5¾"  
Very Fine Points



Goldman-Fox  
WD-093-086  
13 cm / 5"  
Straight, One Blade Serrated  
TC



Goldman-Fox  
WD-093-087  
13 cm / 5"  
Curved, One Blade Serrated  
TC



Iris  
WD-093-088  
11 cm / 4 1/4"  
Straight  
TC



Iris  
WD-093-089  
11 cm / 4 1/4"  
Curved  
TC

Gum Scissors With Tungsten Carbide Inserts | Tijeras Para Encías Con Carburo De Tungsteno  
 Zahnfleischscheren Mit Hartmetalleinlagen



Dean  
 WD-094-090  
 17 cm / 6 1/2"  
 TC



Locklin  
 WD-094-091  
 16.5 cm / 6 1/2"  
 TC



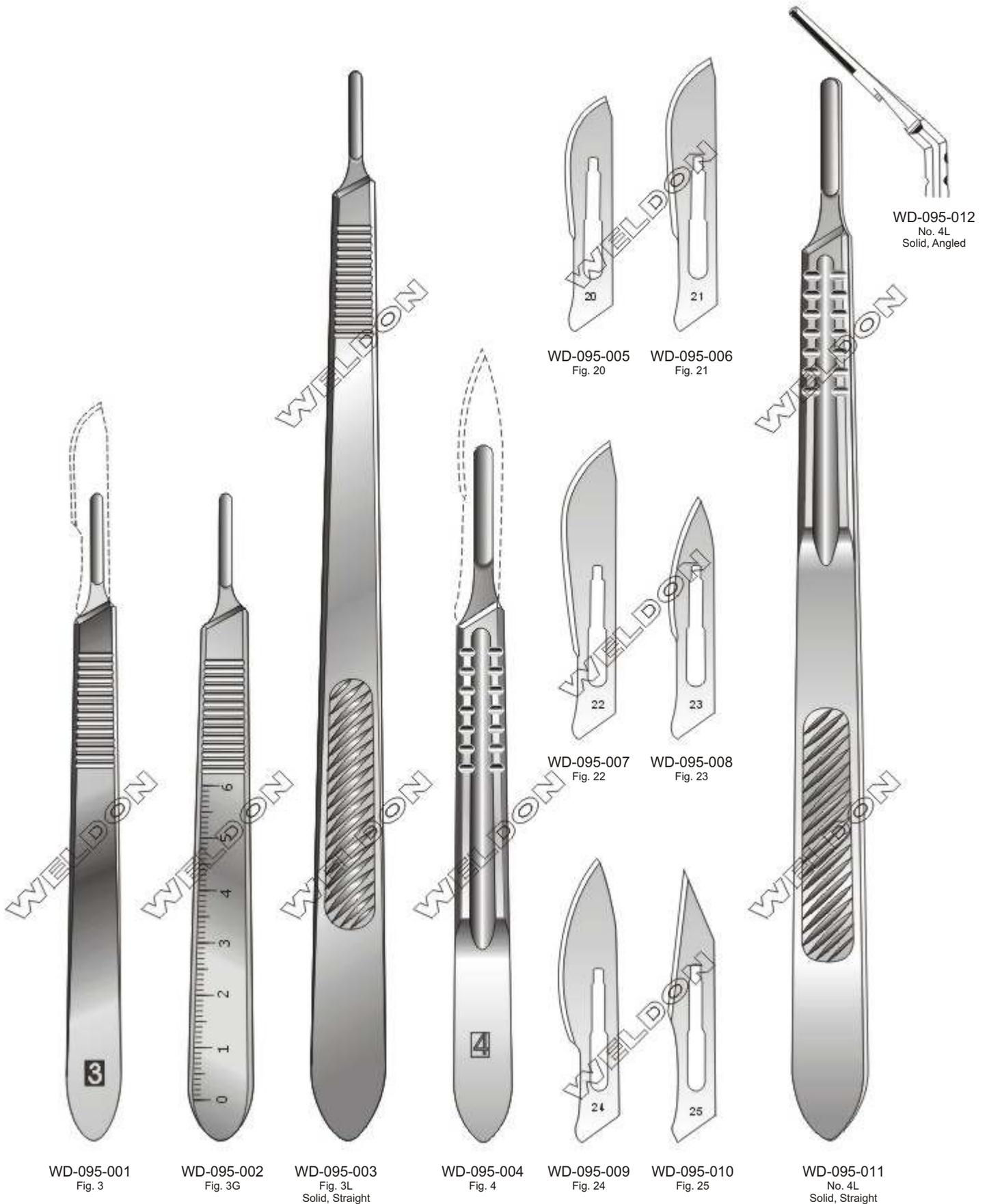
Locklin  
 WD-094-092  
 16.5 cm / 6 1/2"  
 TC



Kelly  
 WD-094-093  
 16 cm / 6 1/4"  
 Straight  
 TC



Kelly  
 WD-094-094  
 16 cm / 6 1/4"  
 Curved  
 TC





WD-096-013  
Fig. 5

WD-096-014  
Fig. 5A

WD-096-015  
Orientable Blade Scalpel Handle

WD-096-016  
Fig. 8

WD-096-017  
Fig. 7

WD-096-018  
Fig. 12D

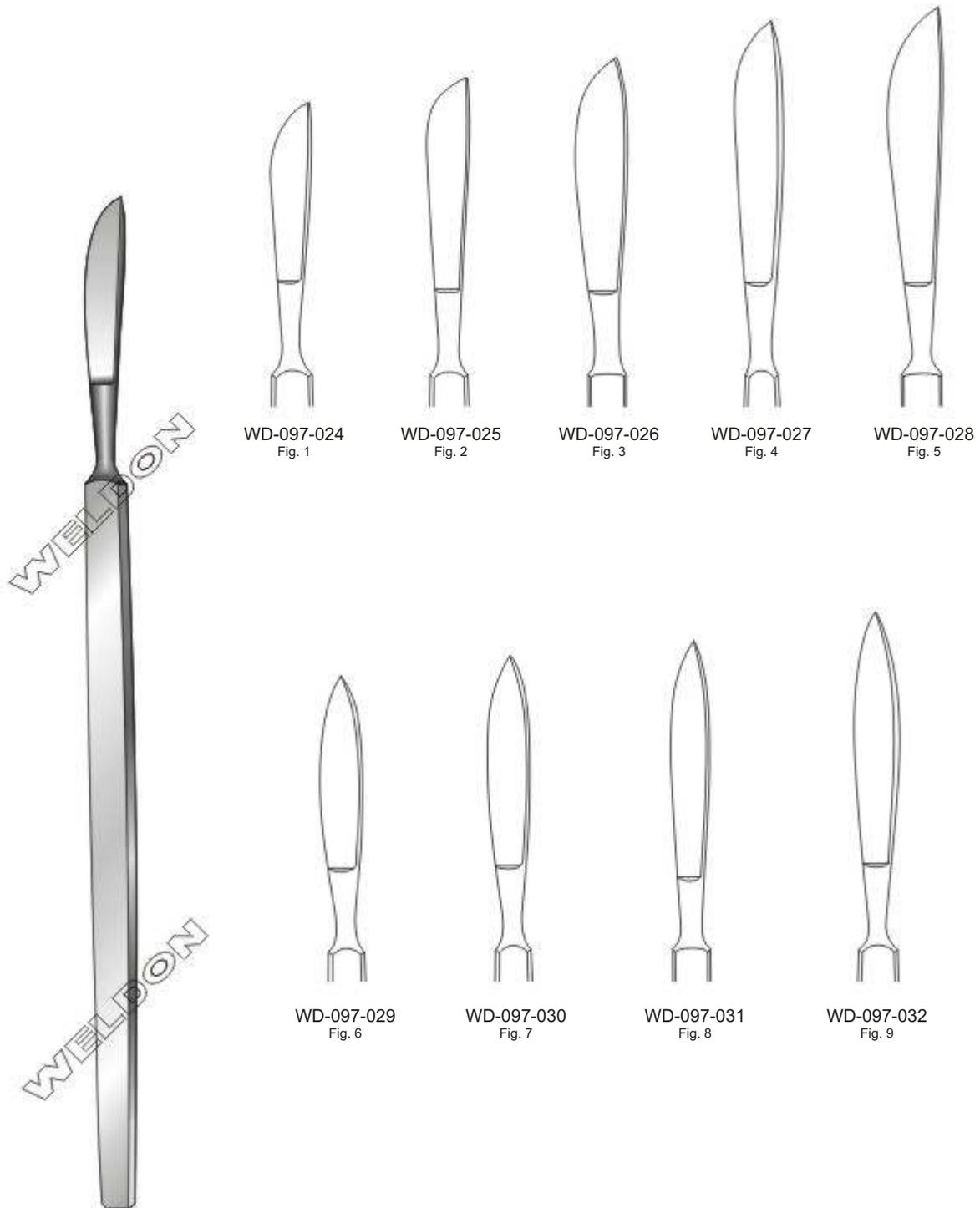
WD-096-019  
Fig. 10

WD-096-020  
Fig. 11

WD-096-021  
Fig. 12

WD-096-022  
Fig. 13

WD-096-023  
Fig. 15



WD-097-024  
Fig. 1

WD-097-025  
Fig. 2

WD-097-026  
Fig. 3

WD-097-027  
Fig. 4

WD-097-028  
Fig. 5

WD-097-029  
Fig. 6

WD-097-030  
Fig. 7

WD-097-031  
Fig. 8

WD-097-032  
Fig. 9

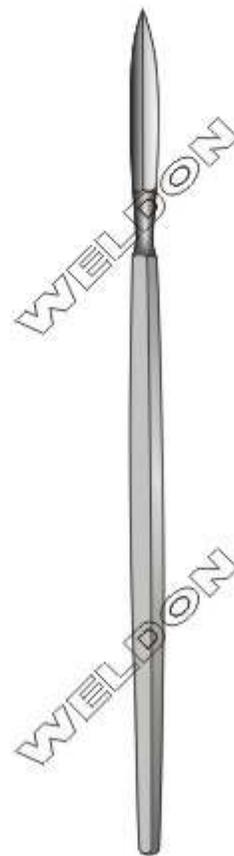
Dieffenbach



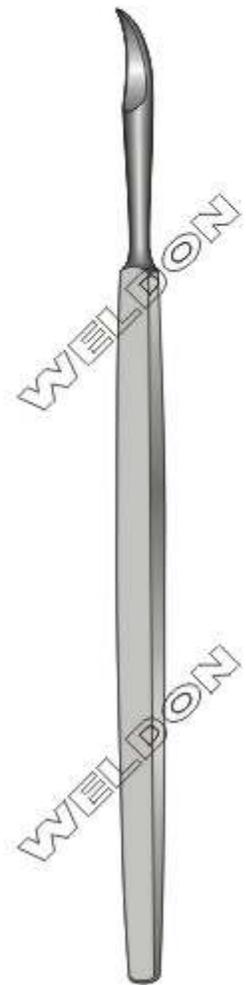
Ash  
WD-098-033  
Fig. 1



Ash  
WD-098-034  
Fig. 2



Schroeder  
WD-098-035  
22 cm / 8 $\frac{3}{4}$ "



WD-098-036  
13 cm / 5 $\frac{1}{8}$ "



Reverdin



WD-099-001  
Fig. 1  
14 cm / 5½"



WD-099-002  
Fig. 2  
14 cm / 5½"



WD-099-003  
Fig. 3  
14 cm / 5½"



WD-099-004  
Fig. 4  
14 cm / 5½"

WD-099-005  
Fig. 1  
19.5 cm / 7¾"

WD-099-006  
Fig. 2  
19.5 cm / 7¾"

WD-099-007  
Fig. 3  
19.5 cm / 7¾"

WD-099-008  
Fig. 4  
19.5 cm / 7¾"



Awl For Upper Jaw



Awl For Lower Jaw



WD-099-009  
13 cm / 5"



WD-099-010  
18 cm / 7"



Kilner  
WD-099-011  
Skin Hook & Retractors  
16 cm / 6¼"



Derf - Wright  
WD-100-001  
12 cm / 4 3/4"



Derf  
WD-100-002  
12 cm / 4 3/4"



Collier  
WD-100-003  
12.5 cm / 5"



Hegar-Baumgartner  
WD-100-004  
14 cm / 5 1/2"



Halsey-Smooth  
WD-100-005  
13 cm / 5"



Halsey  
WD-100-006  
13 cm / 5"



Baumgartner  
WD-100-007  
14.5 cm / 5 3/4"



Mini-Ryder  
WD-101-008  
18 cm / 7<sup>1</sup>/<sub>8</sub>"



Mini-Ryder  
WD-101-009  
15 cm / 6"



Fine Swedish  
WD-101-010  
15 cm / 6"



Micro-Vascular  
WD-101-011  
15 cm / 6"



Crile-Wood  
WD-102-012  
15 cm / 6"



Adson  
WD-102-013  
17.5 cm / 7"



Mayo-Hegar  
WD-102-014 14 cm / 5½"  
WD-102-015 15 cm / 6"  
WD-102-016 16 cm / 6¼"



Mayo-Hegar  
WD-102-017  
18 cm / 7½"



Gillies  
WD-103-018 14.5 cm / 5¾"  
WD-103-019 16 cm / 6¼"



Olsen-Hegar  
WD-103-020 14 cm / 5½"  
WD-103-021 17 cm / 6¾"  
Needle Holder & Scissors Combined



Toennis  
WD-103-022  
18 cm / 7⅛"  
Light Pattern



Eiselberg-Mathieu  
WD-103-023  
19.5 cm / 7¾"



Mathieu  
WD-104-024  
17 cm / 6 $\frac{3}{4}$ "



Mathieu  
WD-104-025  
17 cm / 6 $\frac{3}{4}$ "



Mathieu  
WD-104-026  
14 cm / 5 $\frac{1}{2}$ "



Mathieu  
WD-104-027  
14 cm / 5 $\frac{1}{2}$ "



Boynton  
WD-105-028  
12 cm / 4 3/4"



Lichtenberg  
WD-105-029  
17 cm / 6 3/4"



Arruga  
WD-105-030  
17 cm / 6 3/4"



Castroviejo  
WD-106-031  
14 cm / 5½"  
Serrated, Straight Jaws



Castroviejo  
WD-106-032  
14 cm / 5½"  
Serrated, Curved Jaws



Castroviejo  
WD-106-033  
13 cm / 5"  
Smooth Jaws



Castroviejo  
WD-106-034  
13 cm / 5"  
Serrated Jaws



Castroviejo-Barraquer  
WD-106-035  
12 cm / 4¾"  
Smooth Jaws



Derf  
WD-107-001  
12 cm / 4 3/4"  
TC



Collier  
WD-107-002  
12.5 cm / 5"  
TC



Hegar-Baumgartner  
WD-107-003  
14 cm / 5 1/2"  
TC



Halsey-Smooth  
WD-107-004  
13 cm / 5"  
TC



Halsey  
WD-107-005  
13 cm / 5"  
TC

Needle Holders With Tungsten Carbide Inserts | Porta Agujas Con Carburo De Tungsteno  
 Nadelhalter Mit Hartmetalleinlagen



Mini-Ryder  
 WD-108-006  
 18 cm / 7 1/8"  
 TC



Mini-Ryder  
 WD-108-007  
 15 cm / 6"  
 TC



Fine Swedish  
 WD-108-008  
 15 cm / 6"  
 TC



Micro-Vascular  
 WD-108-009  
 15 cm / 6"  
 TC



Olsen-Hegar  
WD-109-010  
14 cm / 5½"  
TC



Crile-Wood  
WD-109-011  
15 cm / 6"  
TC

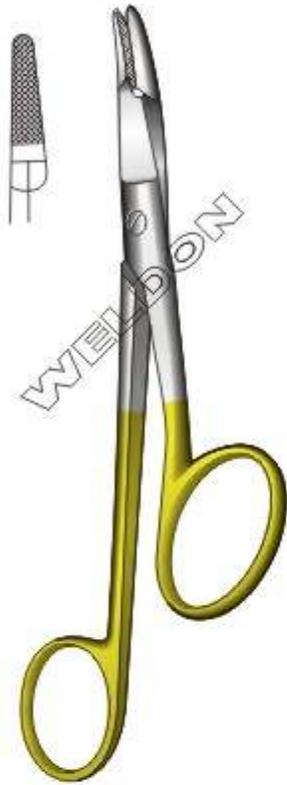


Mayo-Hegar  
WD-109-012 14 cm / 5½"  
WD-109-013 15 cm / 6"  
WD-109-014 16 cm / 6¼"  
TC



Mayo-Hegar  
WD-109-015  
18 cm / 7⅞"  
TC

Needle Holders With Tungsten Carbide Inserts | Porta Agujas Con Carburo De Tungsteno  
Nadelhalter Mit Hartmetalleinlagen



Gillies  
WD-110-016 14.5 cm / 5 $\frac{1}{4}$ "  
WD-110-017 16 cm / 6 $\frac{1}{4}$ "  
TC



Baumgartner  
WD-110-018  
14.5 cm / 5 $\frac{1}{4}$ "  
TC



Toennis  
WD-110-019  
18 cm / 7 $\frac{1}{8}$ "  
Light Pattern  
TC



Mathieu  
WD-111-020  
17 cm / 6 3/4"  
TC



Mathieu  
WD-111-021  
17 cm / 6 3/4"  
TC

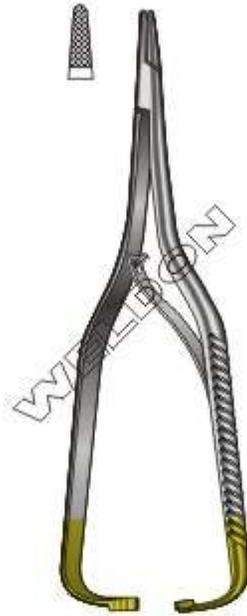


Mathieu  
WD-111-022  
14 cm / 5 1/2"  
TC



Mathieu  
WD-111-023  
14 cm / 5 1/2"  
TC

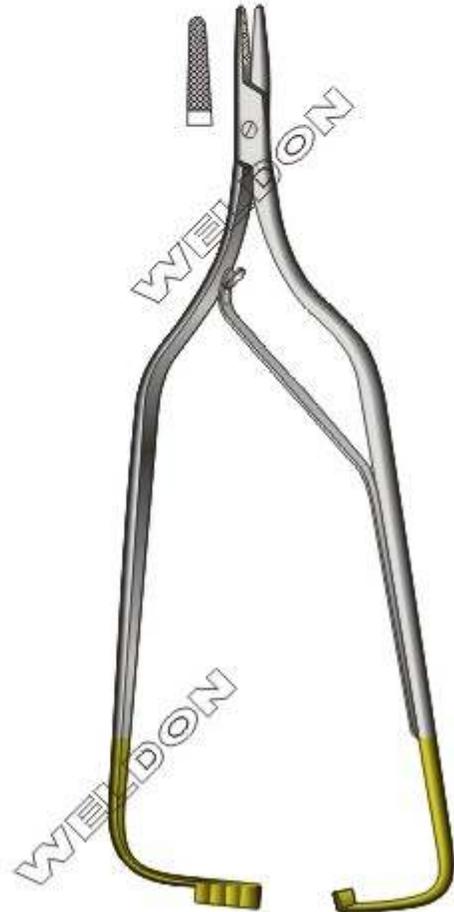
Needle Holders With Tungsten Carbide Inserts | Porta Agujas Con Carburo De Tungsteno  
Nadelhalter Mit Hartmetalleinlagen



Boynton  
WD-112-024  
12 cm / 4¾"  
TC



Lichtenberg  
WD-112-025  
17 cm / 6¾"  
TC



Arruga  
WD-112-026  
16 cm / 6¼"  
TC



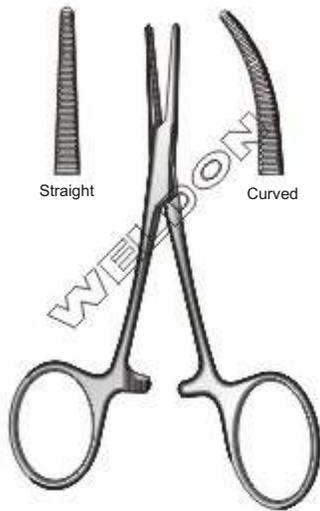
Castroviejo  
WD-113-027  
14 cm / 5½"  
TC



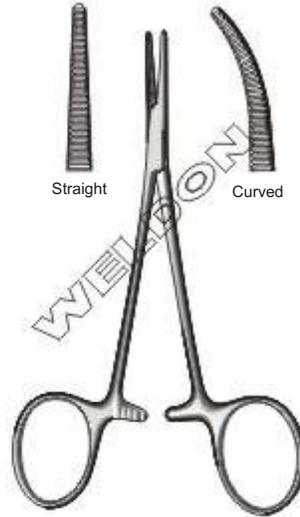
Castroviejo  
WD-113-028  
14 cm / 5½"  
TC



Castroviejo  
WD-113-029  
13 cm / 5"  
TC



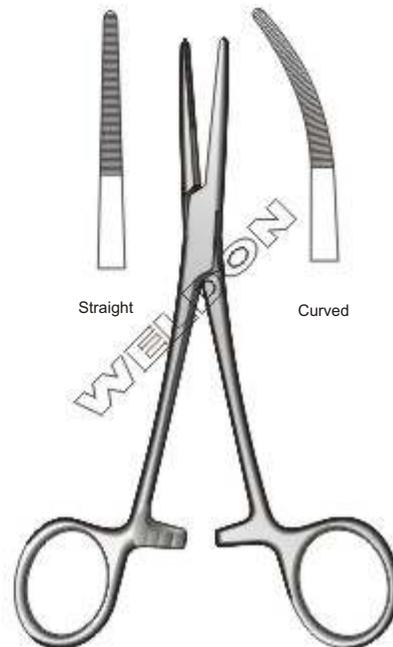
**Hartmann**  
 WD-114-001 10 cm / 4"    WD-114-003  
 WD-114-002 12 cm / 4¾"    WD-114-004  
 Straight                      Curved



**Halsted-Mosquito**  
 WD-114-005 10 cm / 4"    WD-114-007  
 WD-114-006 12 cm / 4¾"    WD-114-008  
 Straight                      Curved



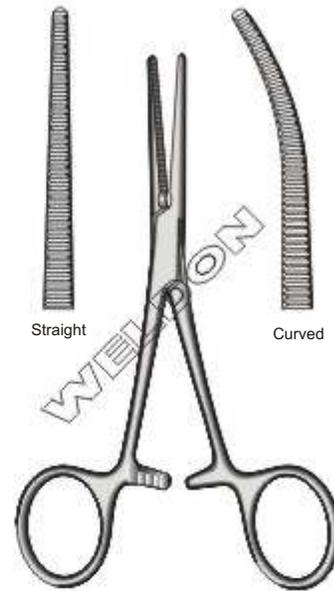
**Halsted-Mosquito**  
 WD-114-009 10 cm / 4"    WD-114-011  
 WD-114-010 12 cm / 4¾"    WD-114-012  
 Straight                      Curved  
 1:2 Teeth



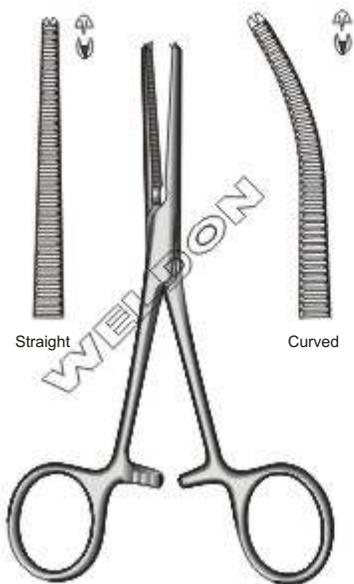
**Kelly**  
 WD-114-013 12.5 cm / 5"    WD-114-015  
 WD-114-014 14 cm / 5½"    WD-114-016  
 Straight                      Curved



**Crile**  
 WD-115-017 14 cm / 5½" WD-115-019  
 WD-115-018 15 cm / 6" WD-115-020  
 Straight Curved



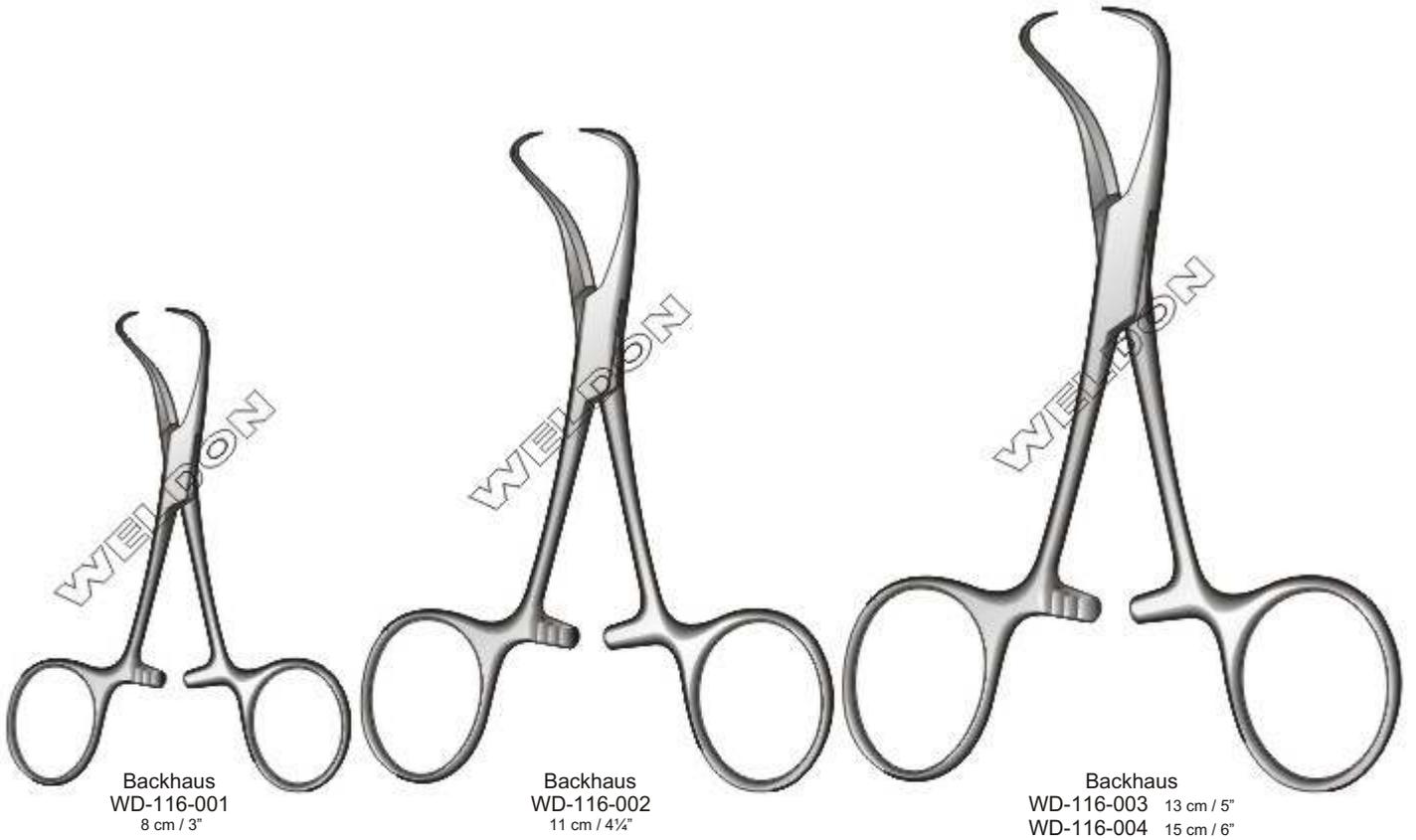
**Pean**  
 WD-115-021 14 cm / 5½" WD-115-023  
 WD-115-022 16 cm / 6¼" WD-115-024  
 Straight Curved

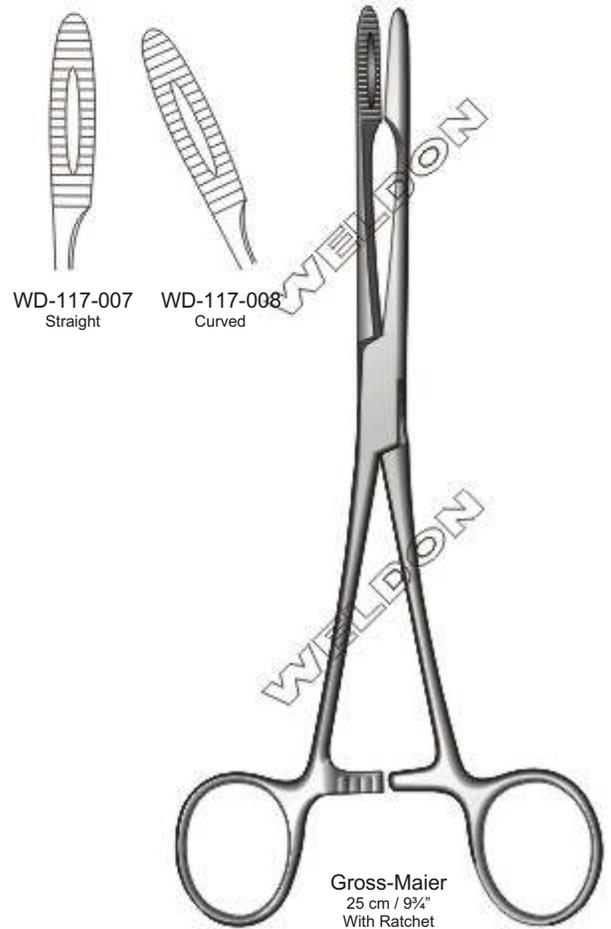
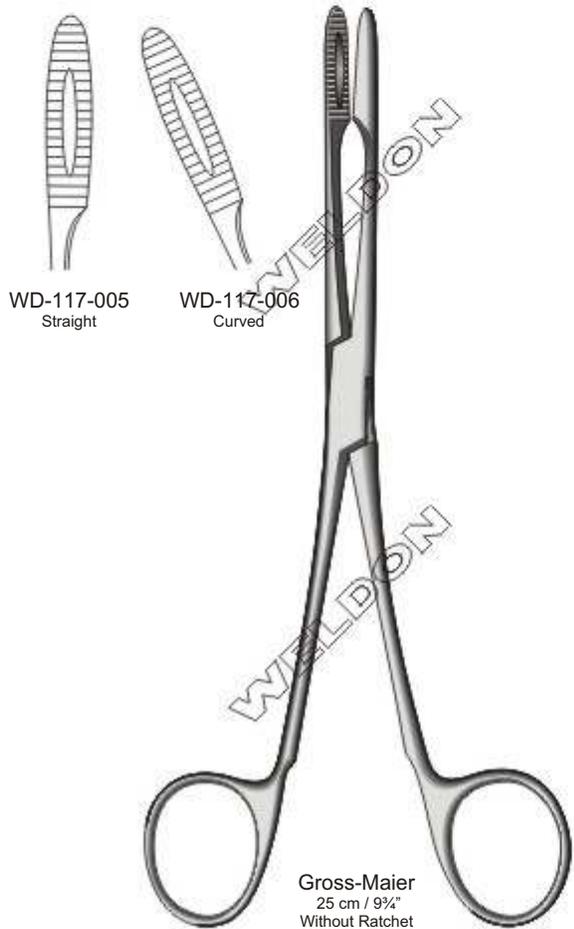
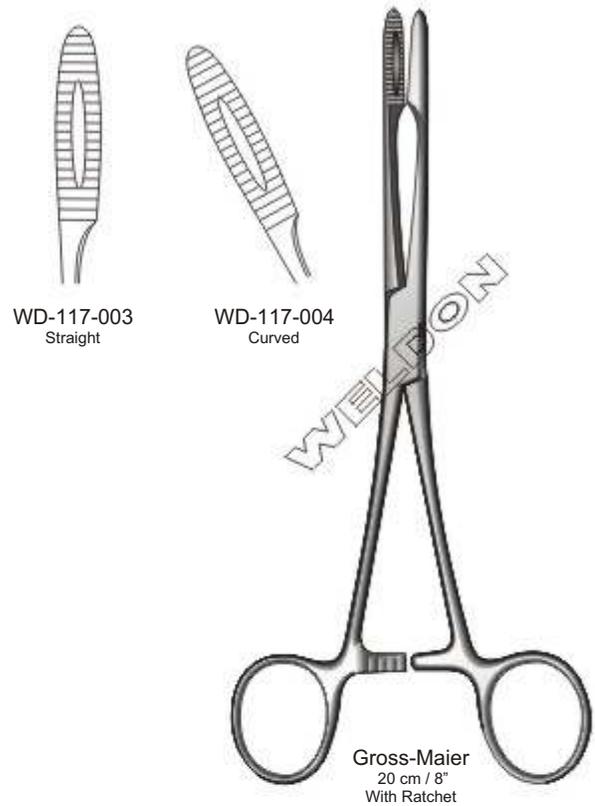
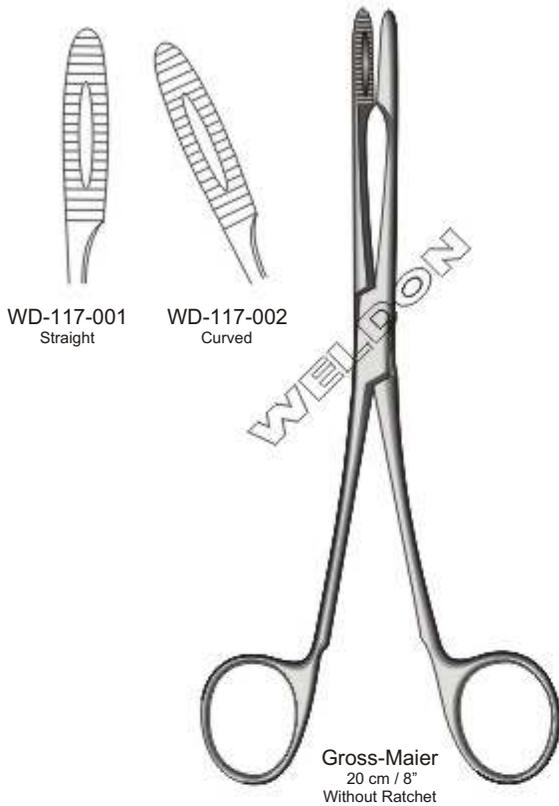


**Kocher**  
 WD-115-025 14 cm / 5½" WD-115-027  
 WD-115-026 16 cm / 6¼" WD-115-028  
 Straight Curved  
 1:2 Teeth



**Spencer-Wells**  
 WD-115-029 13 cm / 5" WD-115-032  
 WD-115-030 14 cm / 5½" WD-115-033  
 WD-115-031 16 cm / 6¼" WD-115-034  
 Straight Curved



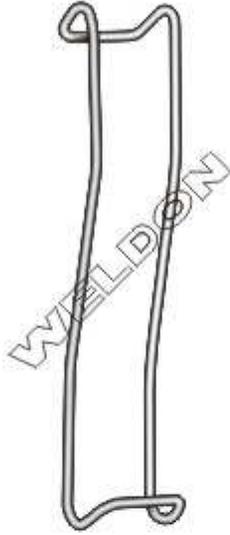


Tongue Depressors | Abaja Lenguas | Zungenspatel

Lip Retractors



Columbia  
WD-118-001  
14 cm / 5½"



Sternberg  
WD-118-002  
14 cm / 5½"



Sternberg  
WD-118-003  
16 cm / 6¼"



Sternberg  
WD-118-004  
14 cm / 5½"

Cheek Retractors



Cawood Minnesota  
WD-118-005  
15 cm / 6"  
20 mm



WD-118-006  
14.5 cm / 5¾"



WD-118-007  
14.5 cm / 5¾"



Buchwald  
WD-118-008  
17 cm / 6¾"



Brünings  
WD-118-009  
19 cm / 7½"



Collin  
WD-119-010  
16 cm / 6¼"

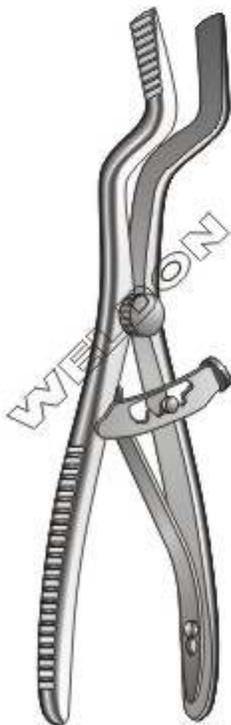


WD-119-011-R  
Spare Pair

Young  
WD-119-011  
17 cm / 6¾"



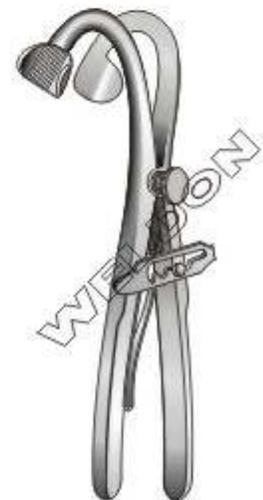
Heister  
WD-119-012  
12 cm / 4¾"



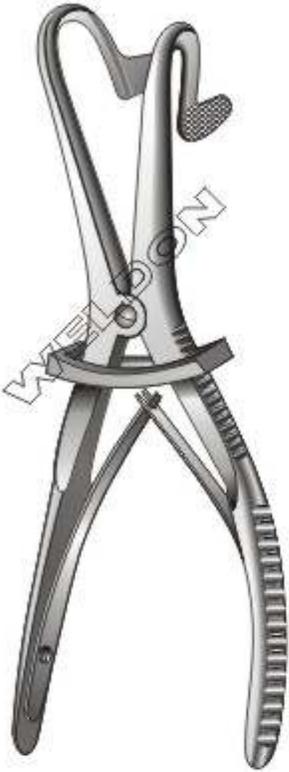
Roser-Koenig  
WD-119-013  
19 cm / 7½"



Roser-Koenig  
WD-119-014  
16 cm / 6¾"



Denhart  
WD-119-015  
12 cm / 4¾"



Ferguson-Ackland  
WD-120-016  
14.5 cm / 5 $\frac{1}{2}$ "



Molt  
WD-120-017  
14 cm / 5 $\frac{1}{2}$ "  
For Adults



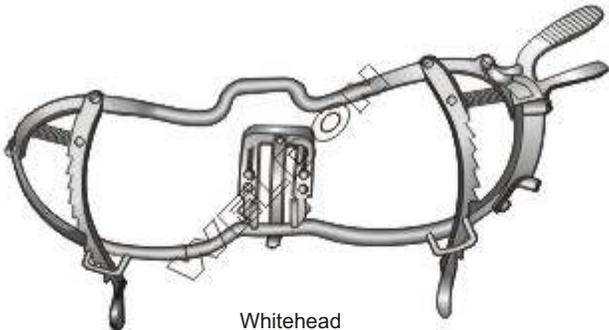
Molt  
WD-120-018  
11 cm / 4 $\frac{1}{4}$ "  
For Children



Doyen-Collin  
WD-120-019  
12 cm / 4 $\frac{1}{4}$ "



Doyen-Jansen  
WD-120-020  
14 cm / 5 $\frac{1}{2}$ "



Whitehead  
WD-121-021  
13 cm / 5"



Whitehead  
WD-121-022 11 cm / 4¼"  
WD-121-023 13 cm / 5"  
WD-121-024 15 cm / 6"



Jennings  
WD-121-025 10.5 cm / 4"  
WD-121-026 12.5 cm / 5"  
WD-121-027 14.5 cm / 5½"  
WD-121-028 16.5 cm / 6½"



Senn-Miller  
WD-122-001  
16 cm / 6 1/4"



Senn-Miller  
WD-122-002  
16 cm / 6 1/4"



Ragnell  
WD-122-003  
16 cm / 6 1/4"



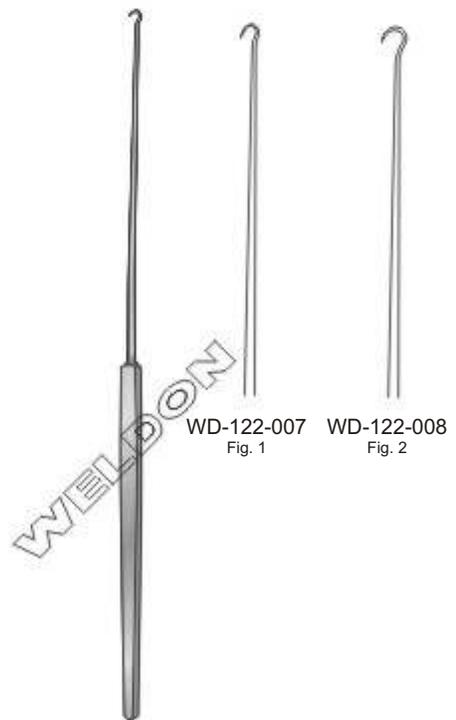
Straight  
WD-122-004  
13 cm / 5"



Barsky  
WD-122-005  
15 cm / 6"  
Rigid



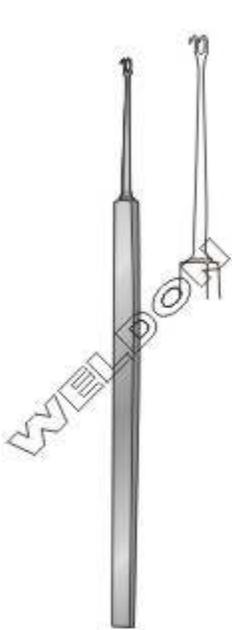
Barsky  
WD-122-006  
15 cm / 6"  
Flexible



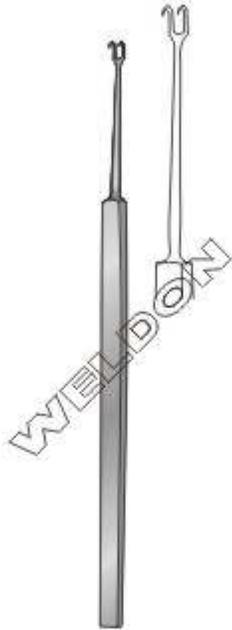
Gillies  
19 cm / 7 1/2"

WD-122-007  
Fig. 1

WD-122-008  
Fig. 2



Guthrie  
WD-123-009  
13 cm / 5"



Guthrie  
WD-123-010  
13 cm / 5"



Knapp  
WD-123-011  
13 cm / 5"



Knapp  
WD-123-012  
16 cm / 6 1/4"



Knapp  
WD-123-013  
16 cm / 6 1/4"  
Flexible



Knapp  
WD-123-014  
16 cm / 6 1/4"  
Flexible



Machatt  
WD-123-015  
16 cm / 6 1/4"



Machatt  
WD-123-016  
16 cm / 6 1/4"

Delicate Retractors | Separadores Finos | Wundhaken Feine



WD-124-017

WD-124-018

WD-124-019

WD-124-020

16 cm / 6¼"  
Sharp



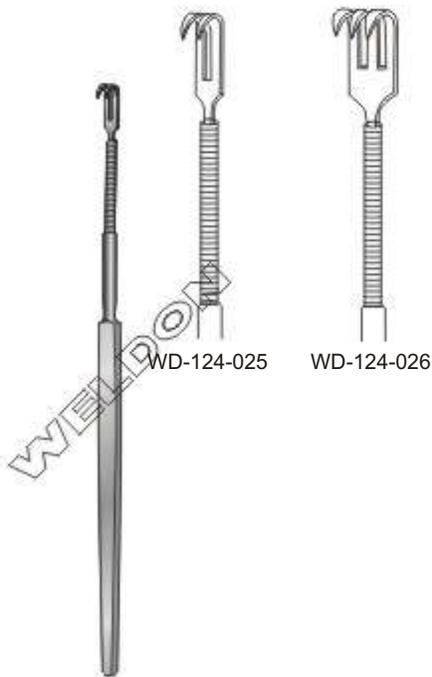
WD-124-021

WD-124-022

WD-124-023

WD-124-024

16 cm / 6¼"  
Blunt



WD-124-025

WD-124-026

16 cm / 6¼"  
Sharp  
Flexible



WD-124-027

WD-124-028

16 cm / 6¼"  
Blunt  
Flexible



WD-124-029  
16 cm / 6¼"  
Flexible



Kirkland  
Gum & Tissue Retractors

WD-125-030  
Fig. 23 K

WD-125-031  
Fig. 24 K

WD-125-032  
Fig. 27 K

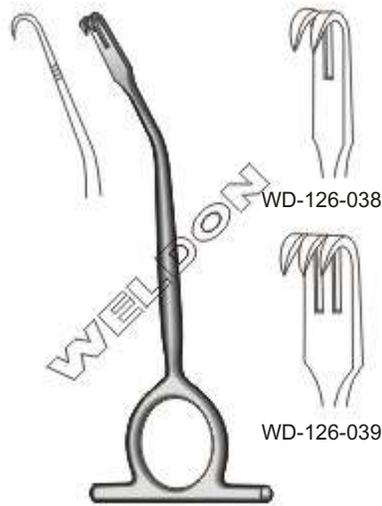
WD-125-033  
Fig. 28 K

Farabeuf  
WD-125-034  
13 cm / 5"

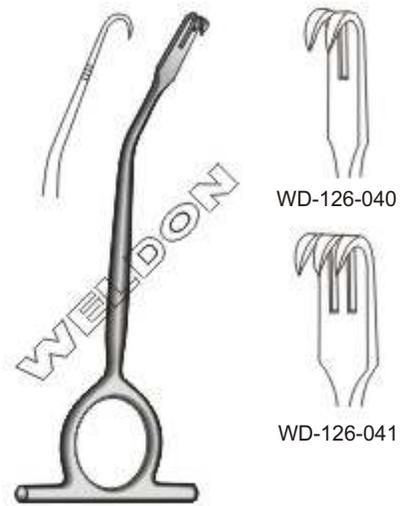
Kilner  
WD-125-035  
15 cm / 6"



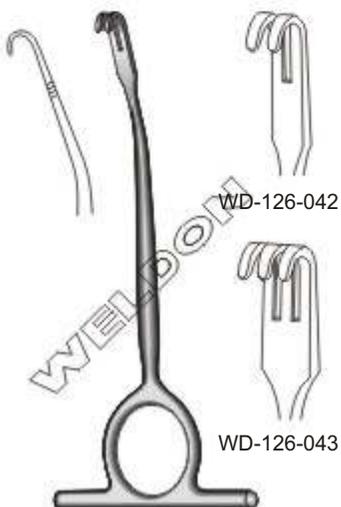
Williger  
13 cm / 5"  
Straight, Sharp



Williger  
13 cm / 5"  
Left, Sharp



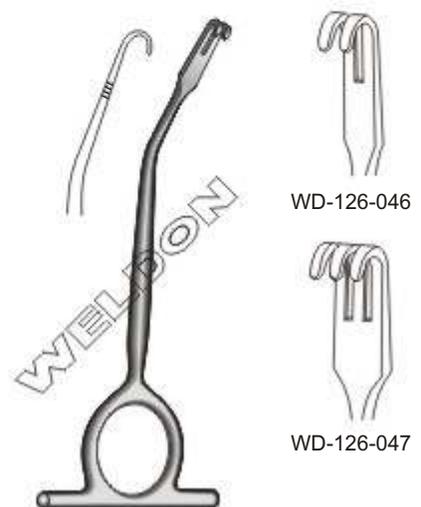
Williger  
13 cm / 5"  
Right, Sharp



Williger  
13 cm / 5"  
Straight, Blunt



Williger  
13 cm / 5"  
Left, Blunt



Williger  
13 cm / 5"  
Right, Blunt



Ramus  
WD-127-052  
72 x 11 mm  
21 cm / 8 1/4"

Ramus  
WD-127-053  
35 x 11 mm  
21 cm / 8 1/4"



Middeldorpf



WD-128-054  
21.5 cm / 8 1/4"  
14 x 17 mm



WD-128-055  
22 cm / 8 1/2"  
20 x 22 mm



WD-128-056  
23.5 cm / 9 1/4"  
26 x 30 mm



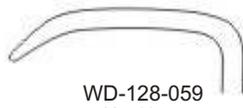
WD-128-057  
20 cm / 8"



Langenbeck  
21 cm / 8 1/4"



WD-128-058  
30 x 11 mm



WD-128-059  
30 x 14 mm



WD-128-060  
30 x 16 mm



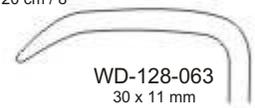
WD-128-061  
40 x 11 mm



WD-128-062  
50 x 11 mm



Langenbeck  
21 cm / 8 1/4"



WD-128-063  
30 x 11 mm



WD-128-064  
30 x 14 mm



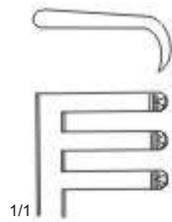
WD-128-065  
30 x 16 mm



WD-128-066  
40 x 11 mm



WD-128-067  
50 x 11 mm



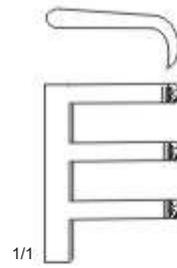
WD-129-068  
Sharp



2 : 3



Weitlaner  
10.5 cm / 4 1/4"  
2 : 3 Teeth



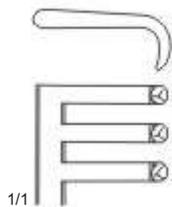
WD-129-070  
Sharp



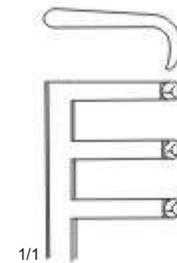
3 : 4



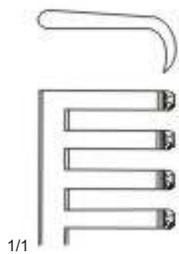
Weitlaner-Wullstein  
13 cm / 5"  
3 : 4 Teeth



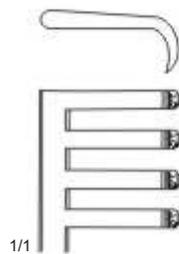
WD-129-069  
Blunt



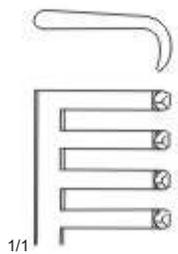
WD-129-071  
Blunt



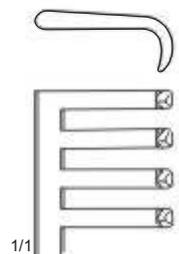
WD-129-072  
13 cm / 5"  
Sharp



WD-129-073  
16.5 cm / 6 1/2"  
Sharp



WD-129-074  
13 cm / 5"  
Blunt



WD-129-075  
16.5 cm / 6 1/2"  
Blunt



3 : 4



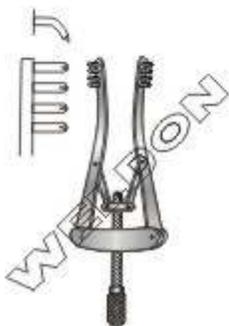
Weitlaner  
3 : 4 Teeth



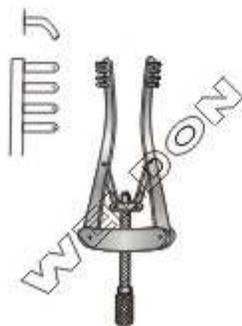
Weitlaner  
WD-130-076  
13 cm / 5"  
Sharp



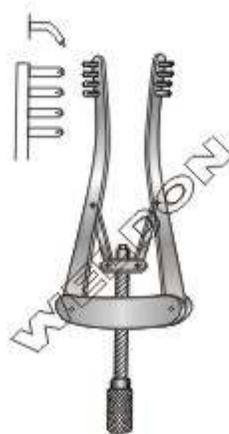
Weitlaner  
WD-130-077  
13 cm / 5"  
Blunt



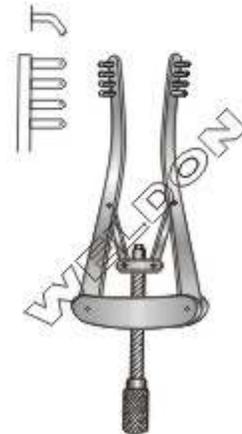
Alm  
WD-130-078  
7 cm / 2 3/4"  
Sharp



Alm  
WD-130-079  
7 cm / 2 3/4"  
Blunt



Alm  
WD-130-080  
10 cm / 4"  
Sharp



Alm  
WD-130-081  
10 cm / 4"  
Blunt



Langenbeck  
WD-131-001  
22 mm Ø  
Finger Protectors



Langenbeck  
WD-131-002  
24.5 mm Ø  
Finger Protectors



Langenbeck  
WD-131-003  
26.5 mm Ø  
Finger Protectors



WD-131-004



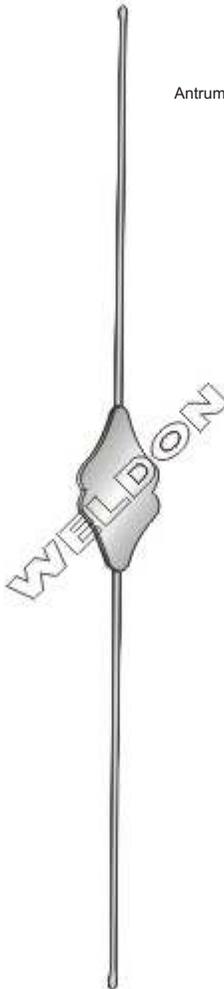
WD-131-005



WD-131-006



Hartmann-Halle  
15 cm / 6"



Bowman  
WD-131-007  
Fig. 1/2, 0.9/1.1 mm Ø  
WD-131-008  
Fig. 7/8, 1.8/1.9 mm Ø  
13 cm / 5"

Antrum Probes



WD-131-009  
Fig. 1, 1 mm Ø  
WD-131-010  
Fig. 2, 2 mm Ø  
14 cm / 5½"



Farrell  
(Lathbury-Uebe)  
WD-131-011  
Fig. 1, 0.9 mm Ø  
12 cm / 4¾"  
WD-131-012  
Fig. 2, 0.9 mm Ø  
14 cm / 5½"  
WD-131-013  
Fig. 3, 1.1 mm Ø  
16.5 cm / 6½"

Cotton Applicators



WD-132-005  
Conventional Handle



Mc Intosh  
WD-132-007  
Laryngoscopes In Case  
Consists of  
WD-132-001 x 1  
WD-132-003 x 1  
WD-132-004 x 1  
WD-132-005 x 1  
WD-132-006 x 3



**McIntosh**  
Mega Blade Fiber Optic

	Fig.	Working Length (mm)
WD-133-008	0	55
WD-133-009	1	70
WD-133-010	2	78
WD-133-011	3	90
WD-133-012	4	108
WD-133-013	5	133
WD-133-014	6	150



**McIntosh**  
Fiber Optic - (Cold Light Guide Fixed) Re-Useable

	Fig.	Working Length (mm)
WD-133-015	0	55
WD-133-016	1	70
WD-133-017	2	78
WD-133-018	3	90
WD-133-019	4	108
WD-133-020	5	133
WD-133-021	6	150



WD-133-122  
Fiber Optic Handle

Tissue Pliers - Suture Pliers | Pinzas De Disección - Pinzas Para Suture  
 Chirurgische Pinzetten - Nahtpinzette



Suture Pliers  
 WD-134-001  
 15 cm / 6"



WD-134-002  
 Very Delicate  
 10 cm / 4"  
 1:2 Teeth



Semken-Taylor  
 WD-134-003  
 12.5 cm / 5"



Semken-Taylor  
 WD-134-004  
 12.5 cm / 5"



Semken-Taylor  
 WD-134-005  
 12.5 cm / 5"  
 1:2 Teeth



Semken-Taylor  
 WD-134-006  
 12.5 cm / 5"  
 1:2 Teeth



Adson  
WD-135-007 12 cm / 4 3/4"  
WD-135-008 15 cm / 6"



Adson  
WD-135-009 12 cm / 4 3/4"  
WD-135-010 15 cm / 6"  
1:2 Teeth



Micro-Adson  
WD-135-011  
12 cm / 4 3/4"



Micro-Adson  
WD-135-012  
15 cm / 6"



Micro-Adson  
WD-135-013  
12 cm / 4 3/4"  
1:2 Teeth



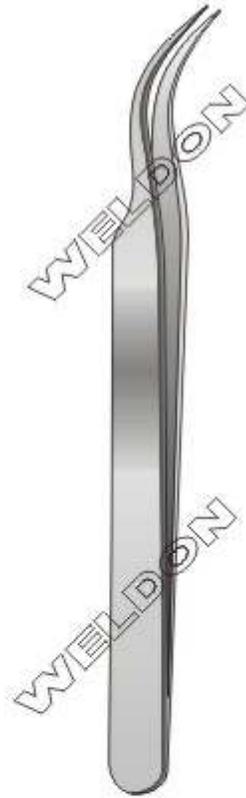
Micro-Adson  
WD-135-014  
15 cm / 6"  
1:2 Teeth



Adson-Brown  
Non-Traumatic  
WD-135-015 12 cm / 4 3/4"  
WD-135-016 15 cm / 6"



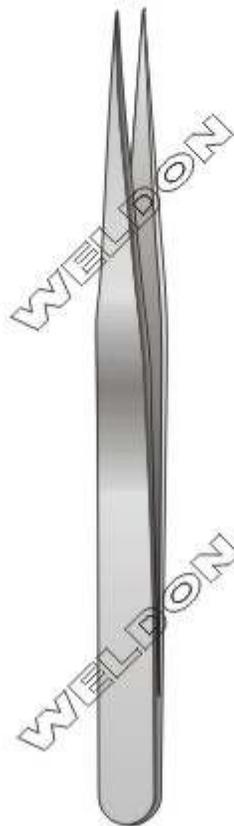
WD-136-017  
11.5 cm / 4½"  
Fig. 4



WD-136-018  
11.5 cm / 4½"  
Fig. 5



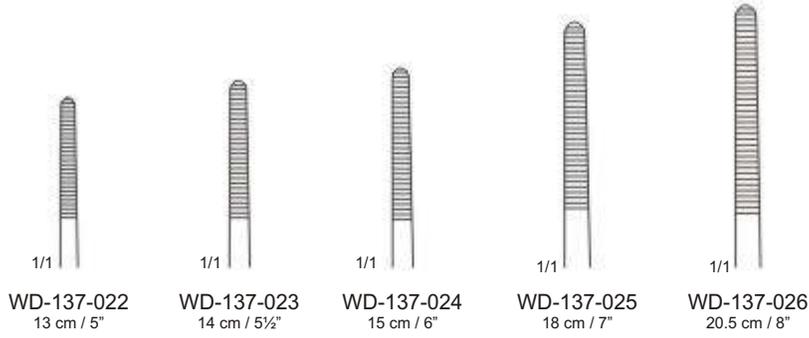
WD-136-019  
12.5 cm / 5"  
Fig. 1



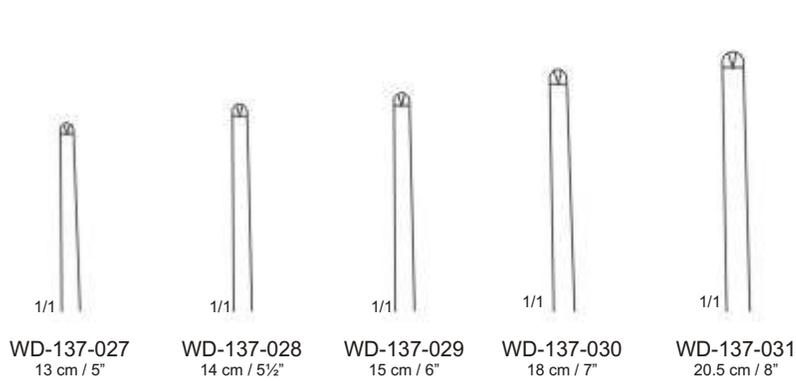
WD-136-020  
12.5 cm / 5"  
Fig. 2



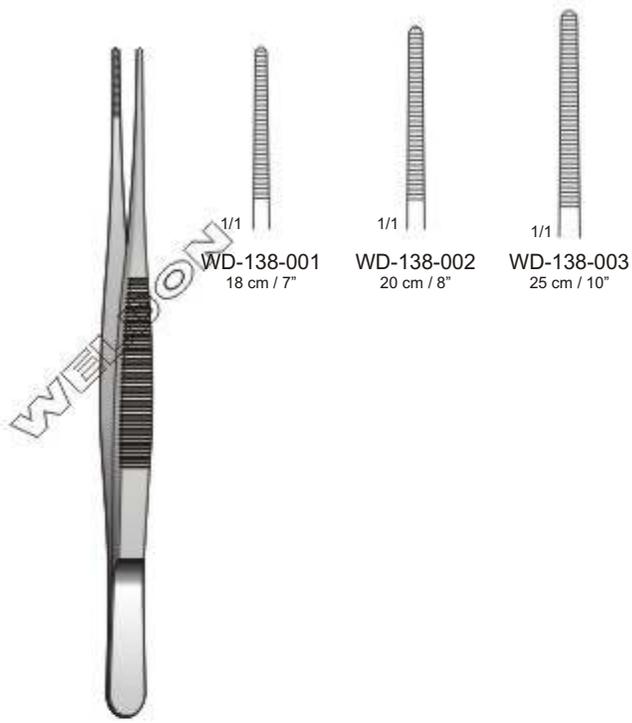
WD-136-021  
11.5 cm / 4½"  
Fig. 3



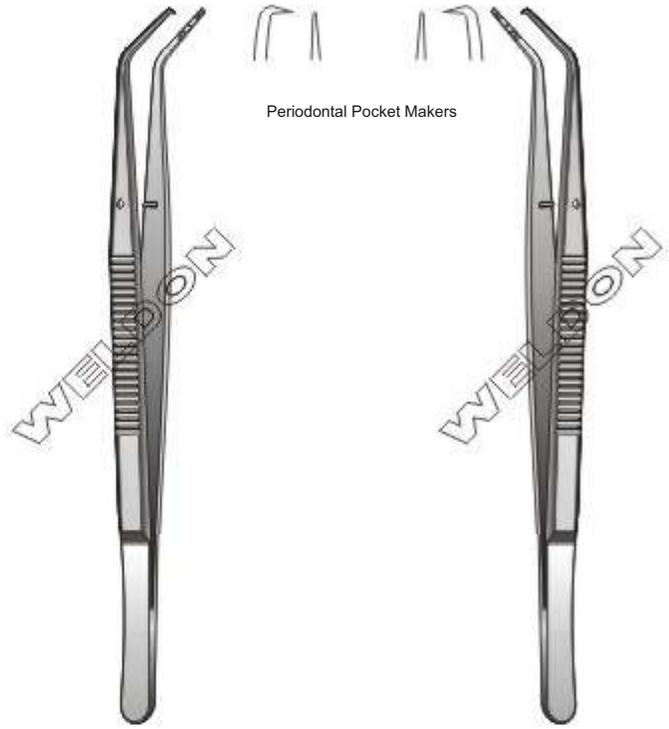
Dressing Forceps  
Narrow



Tissue Forceps  
1:2 Teeth



Potts-Smith



Goldman-Fox  
(Crane-Kaplan)  
WD-138-004  
15 cm / 6"  
Fig. 1

Goldman-Fox  
(Crane-Kaplan)  
WD-138-005  
15 cm / 6"  
Fig. 2



Locking  
WD-138-006  
16 cm / 6 1/4"  
Fig. 18L  
Self-Locking



WD-138-007  
15 cm / 6"  
Fig. 1  
Self-Locking



WD-138-008  
15 cm / 6"  
Fig. 2  
Self-Locking



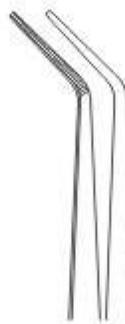
London-College  
15 cm / 6"



WD-139-009  
Serrated



WD-139-010  
Serrated



WD-139-011  
Serrated



WD-139-012  
Smooth



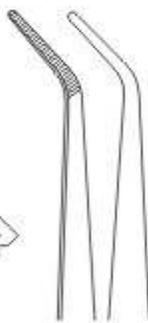
WD-139-013  
Smooth



WD-139-014  
Smooth



London-College  
15 cm / 6"  
With lock



WD-139-015  
NO. 5



WD-139-016  
NO. 8  
For Silver Points



Perry  
WD-139-017  
13 cm / 5"  
Serrated



Perry  
WD-139-018  
13 cm / 5"  
Smooth



Meriam  
16 cm / 6¼"



WD-140-019  
NO. 1



WD-140-020  
NO. 3



WD-140-021  
NO. 5



Flagg  
16 cm / 6¼"



WD-140-022  
NO. 1



WD-140-023  
NO. 2



WD-140-024  
NO. 3



WD-140-025  
NO. 4



College  
WD-141-026  
16 cm / 6 1/4"  
Fig. 2



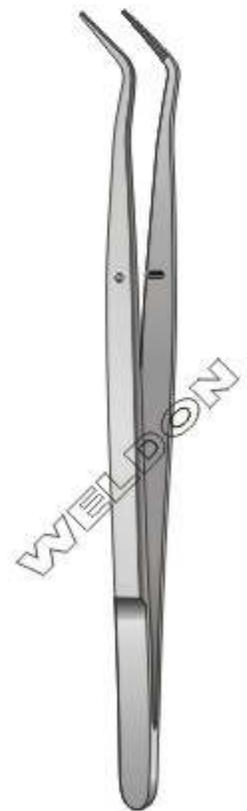
College  
WD-141-027  
16 cm / 6 1/4"  
Fig. 3



College  
WD-141-028  
16 cm / 6 1/4"  
Fig. 17



College  
WD-141-029  
16 cm / 6 1/4"  
Fig. 18



College  
WD-141-030  
16.5 cm / 6 1/2"  
Fig. 19

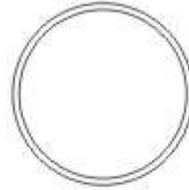


Magnifying



WD-142-001  
Plane

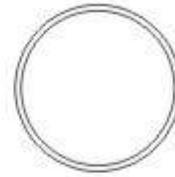
WD-142-002  
Magnifying



WD-142-003  
Plane

WD-142-004  
Magnifying

WD-142-005  
Rodium



WD-142-006  
Plane

WD-142-007  
Magnifying

WD-142-008  
Rodium



Plane



Cone Socket  
WD-142-009  
Stainless Steel



Cone Socket  
WD-142-010  
Stainless Steel



Cone Socket  
WD-142-011  
Stainless Steel

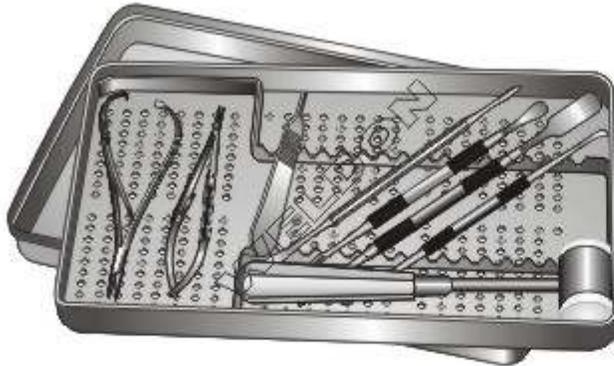


WD-142-012  
Patient Bib Chains (Plastic)



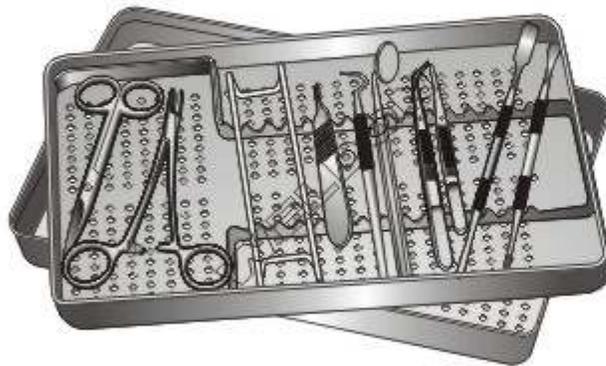
WD-142-013  
Parallelometer Mouth Mirror With Handle

WD-142-014  
Parallelometer Mouth Mirror



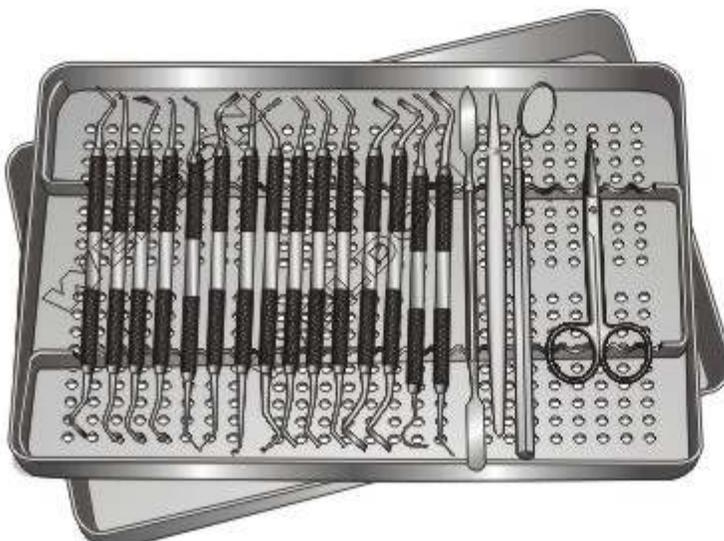
Conservative Treatment Instruments Set  
WD-143-001

- Consists of :
- Periosteals Molt
  - Periosteals Prichard
  - Periosteals Goldman-Fox
  - Knife Kirkland
  - Mallets-Mead
  - Needle Holder Castroviejo
  - Needle Holder Mathieu
  - Scalpel Handle
  - Instrument Tray



Conservative Treatment Instruments Set  
WD-143-002

- Consists of :
- Scalpel Handle
  - Scalpel Blades
  - Retractor Sternberg
  - Scissor Goldman-Fox
  - Periosteals Molt
  - Periosteals Prichard
  - Needle Holder Crile Wood
  - Tissue Plier Semken Taylor
  - Explorer
  - Handle For Mouth Mirror
  - Mouth Mirror
  - Instrument Tray



Conservative Treatment Instruments Set  
WD-143-003

- Consists of :
- Instrument Tray
  - Filling Instrument
  - Placement Instruments
  - Amalgam Carver
  - Excavator
  - Mouth Mirror
  - Handle For Mouth Mirror
  - Cotton & Dressing Plier
  - Cavity Preparation Instruments
  - Explorer-Probes
  - Cement Spatula
  - Heidemann Spatula
  - Gum Scissor





WD-145-001-SD  
WD-145-001-HH  
Fig. 16

WD-145-002-SD  
WD-145-002-HH  
Fig. 9

WD-145-003-SD  
WD-145-003-HH  
Fig. 10

WD-145-004-SD  
WD-145-004-HH  
Fig. 12

WD-145-005-SD  
WD-145-005-HH  
Fig. 2



WD-145-006-SD  
WD-145-006-HH  
Fig. 11

WD-145-007-SD  
WD-145-007-HH  
Fig. 6

WD-145-008-SD  
WD-145-008-HH  
Fig. 8

WD-145-009-SD  
WD-145-009-HH  
Fig. 5



WD-145-014-SD  
WD-145-014-HH  
Fig. 23



WD-145-010-SD  
WD-145-010-HH  
Fig. 17

WD-145-011-SD  
WD-145-011-HH  
Fig. 17A

WD-145-012-SD  
WD-145-012-HH  
Fig. 3

WD-145-013-SD  
WD-145-013-HH  
Fig. 3A



WD-146-016-SD  
WD-146-016-HH  
Fig. 23/17

WD-146-017-SD  
WD-146-017-HH  
Fig. 23/17A

WD-146-018-SD  
WD-146-018-HH  
Fig. 2

WD-146-019-SD  
WD-146-019-HH  
Fig. 2A

WD-146-020-SD  
WD-146-020-HH  
Fig. 3

Root Canal Explorers

Cattoni  
WD-146-015-SD  
WD-146-015-HH  
Fig. UT.1/2

WD-146-021-SD  
WD-146-021-HH  
Fig. 16/23

WD-146-022-SD  
WD-146-022-HH  
Fig. 16/3

WD-146-023-SD  
WD-146-023-HH  
Fig. 6/1

WD-146-024-SD  
WD-146-024-HH  
Fig. 6/17

WD-146-025-SD  
WD-146-025-HH  
Fig. 6/23



Cattoni  
WD-147-026-SD  
WD-147-026-HH  
Fig. UT.1/2



Goldman-Fox / Williams  
WD-147-027-SD  
WD-147-027-HH



Nabers  
WD-147-028-SD  
WD-147-028-HH  
Fig. 1N



Nabers  
WD-147-029-SD  
WD-147-029-HH  
Fig. 2N

Color-Coded





University Of Michigan  
WD-149-040-SD  
WD-149-040-HH  
Fig. 23

Williams  
WD-149-041-SD  
WD-149-041-HH  
Fig. 23

Goldman-Fox  
WD-149-042-SD  
WD-149-042-HH  
Fig. 17

University Of Michigan  
WD-149-043-SD  
WD-149-043-HH  
Fig. 17

Williams  
WD-149-044-SD  
WD-149-044-HH  
Fig. 17

WD-149-045-SD  
WD-149-045-HH  
Fig. 23/CP11

10-9-8-7-6-5-4-3-2-1

10-9-8-7-5-3-2-1



WD-149-046-SD  
WD-149-046-HH  
Fig. 23/CP12

Goldman-Fox  
WD-149-047-SD  
WD-149-047-HH  
Fig. 3

U. Of Michigan  
WD-149-048-SD  
WD-149-048-HH  
Fig. 3

Williams  
WD-149-049-SD  
WD-149-049-HH  
Fig. 3

Goldman-Fox  
WD-149-050-SD  
WD-149-050-HH  
Fig. 16

U. Of Michigan  
WD-149-051-SD  
WD-149-051-HH  
Fig. 16

Williams  
WD-149-052-SD  
WD-149-052-HH  
Fig. 16

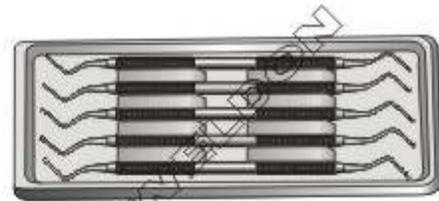
1-2-3-6-3

10-9-8-7-5-3-2-1

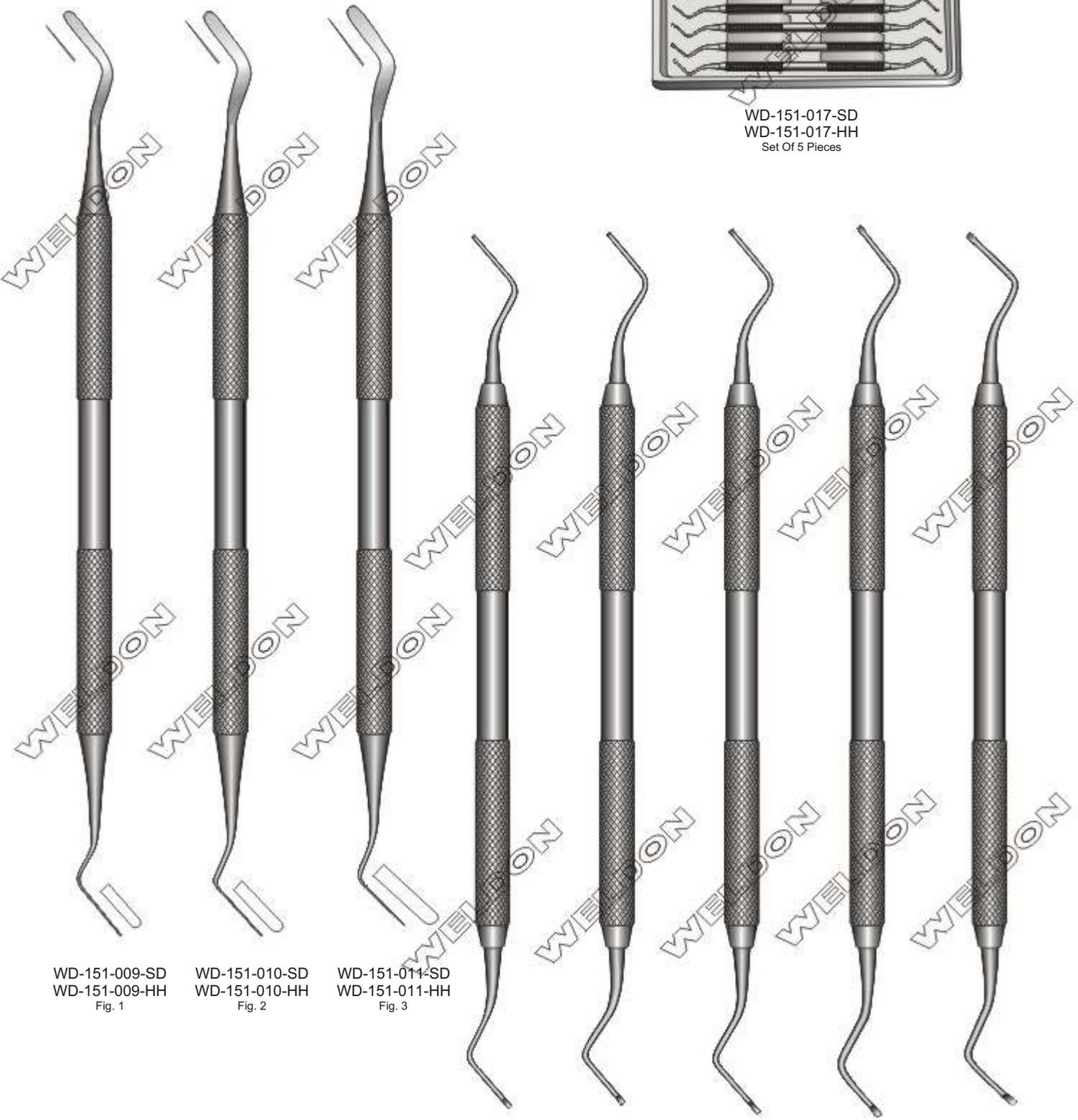
Goldman-Fox  
WD-149-053-SD  
WD-149-053-HH  
Fig. 23



WD-150-001-SD WD-150-002-SD WD-150-003-SD WD-150-004-SD WD-150-005-SD WD-150-006-SD WD-150-007-SD WD-150-008-SD  
 WD-150-001-HH WD-150-002-HH WD-150-003-HH WD-150-004-HH WD-150-005-HH WD-150-006-HH WD-150-007-HH WD-150-008-HH  
 Fig. 1 Fig. 2 Fig. 00 Fig. 0 Fig. 1 Fig. 2 Fig. 3 Fig. 4



WD-151-017-SD  
 WD-151-017-HH  
 Set Of 5 Pieces



WD-151-009-SD  
 WD-151-009-HH  
 Fig. 1

WD-151-010-SD  
 WD-151-010-HH  
 Fig. 2

WD-151-011-SD  
 WD-151-011-HH  
 Fig. 3

WD-151-012-SD  
 WD-151-012-HH  
 Fig. 0

WD-151-013-SD  
 WD-151-013-HH  
 Fig. 1

WD-151-014-SD  
 WD-151-014-HH  
 Fig. 2

WD-151-015-SD  
 WD-151-015-HH  
 Fig. 3

WD-151-016-SD  
 WD-151-016-HH  
 Fig. 4



WD-152-018-SD  
WD-152-018-HH  
Fig. 1

WD-152-019-SD  
WD-152-019-HH  
Fig. 2

WD-152-020-SD  
WD-152-020-HH  
Fig. 3



WD-152-021-SD  
WD-152-021-HH  
Fig. 1

WD-152-022-SD  
WD-152-022-HH  
Fig. 2

WD-152-023-SD  
WD-152-023-HH  
Fig. 3





Spreader  
WD-154-001-SD  
WD-154-001-HH  
Fig. 1

Spreader  
WD-154-002-SD  
WD-154-002-HH  
Fig. 2

Spreader  
WD-154-003-SD  
WD-154-003-HH  
Fig. 3

Spreader  
WD-154-004-SD  
WD-154-004-HH  
Fig. 4

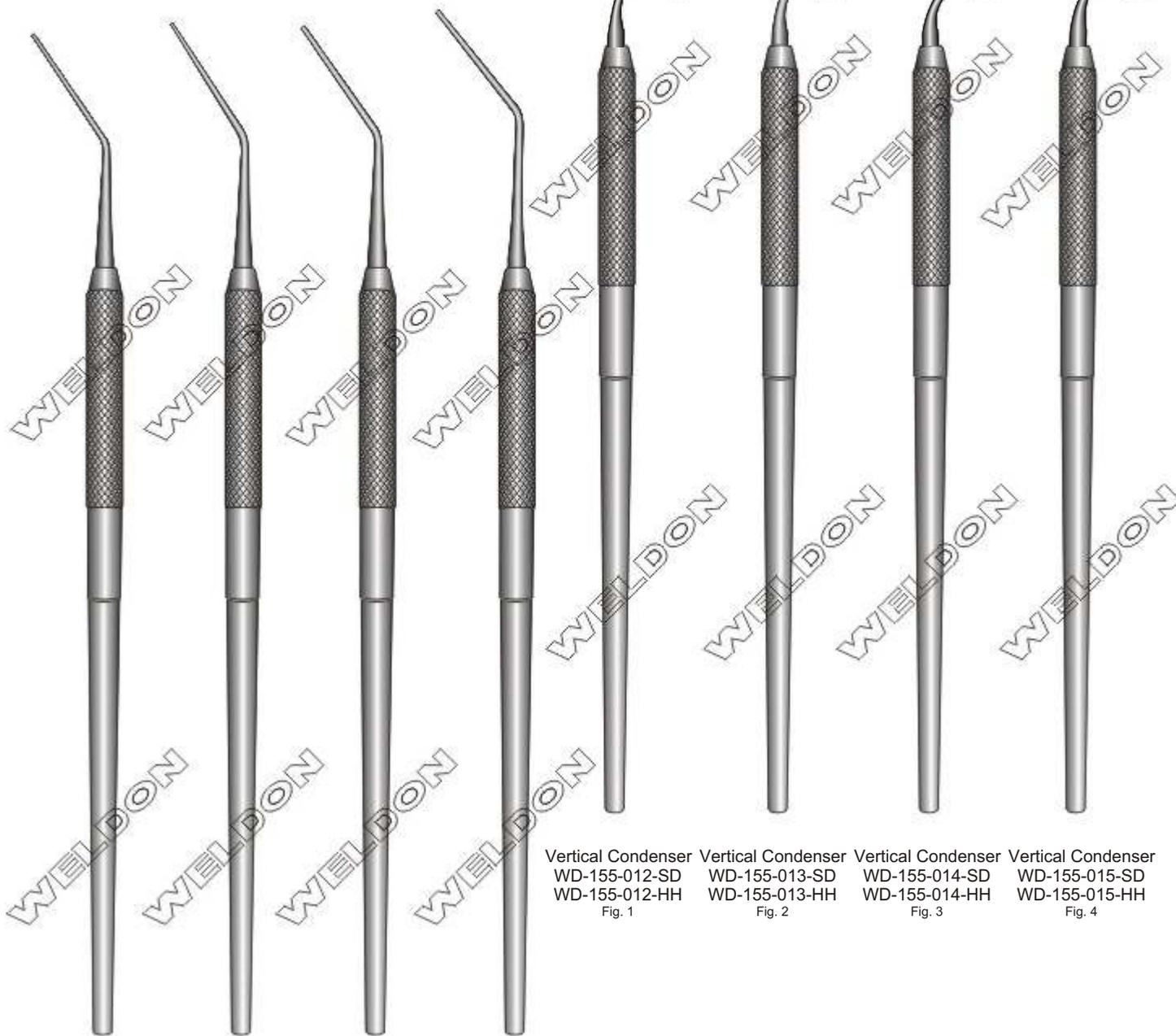
Spreader  
WD-154-005-SD  
WD-154-005-HH  
Fig. 5

Spreader  
WD-154-006-SD  
WD-154-006-HH  
Fig. 6

Spreader  
WD-154-007-SD  
WD-154-007-HH  
Fig. 7



WD-155-016-SD  
WD-155-016-HH  
Endodontic Set  
With Measuring Plate



Luks  
WD-155-008-SD WD-155-009-SD WD-155-010-SD WD-155-011-SD  
WD-155-008-HH WD-155-009-HH WD-155-010-HH WD-155-011-HH  
Fig. 1 Fig. 2 Fig. 3 Fig. 4

Root-Canal Pluggers

Vertical Condenser WD-155-012-SD WD-155-013-SD WD-155-014-SD WD-155-015-SD  
WD-155-012-HH WD-155-013-HH WD-155-014-HH WD-155-015-HH  
Fig. 1 Fig. 2 Fig. 3 Fig. 4



WD-156-017-SD  
WD-156-017-HH  
Fig. 6/1

WD-156-018-SD  
WD-156-018-HH  
Fig. 6/17

WD-156-019-SD  
WD-156-019-HH  
Fig. 6/23

Root-Canal Explorers



WD-156-020-SD  
WD-156-020-HH  
Fig. 31L

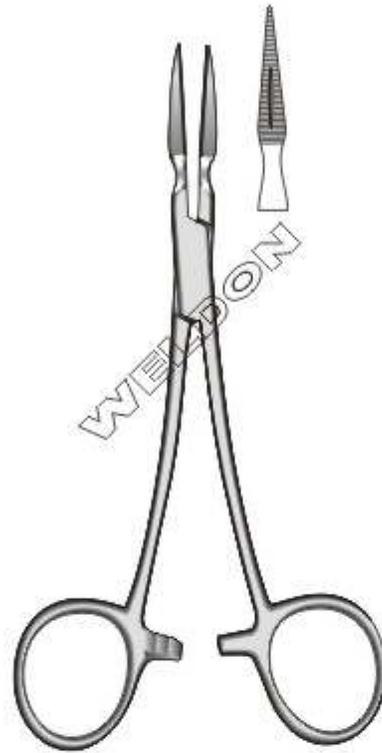
WD-156-021-SD  
WD-156-021-HH  
Fig. 32L

WD-156-022-SD  
WD-156-022-HH  
Fig. 33L

Root-Canal Excavators



WD-157-023  
15 cm / 6"  
Fig. 2  
Self-Locking



Stieglitz  
WD-157-024  
14 cm / 5½"  
Fig. 1  
Silver Point Forceps  
Straight Tip

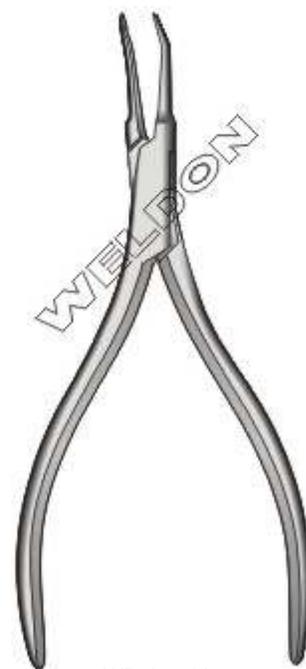


Stieglitz  
WD-157-025  
14 cm / 5½"  
Fig. 2  
Angled Tip



WD-157-026  
13 cm / 5"  
Fig. 1

Pliers For Removing Broken Broaches



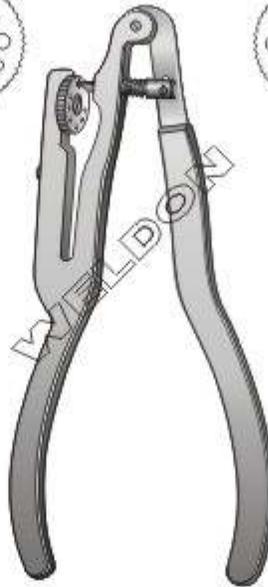
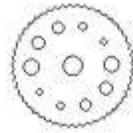
WD-157-027  
13 cm / 5"  
Fig. 2



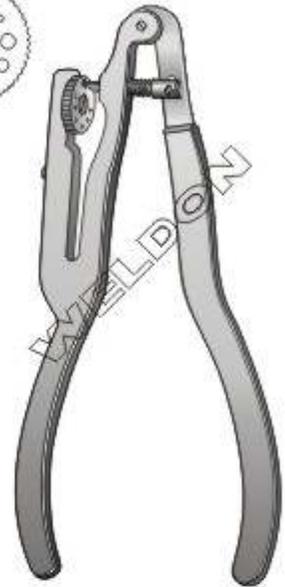
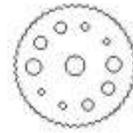
Ainsworth  
WD-158-001  
Punch Forceps



Ainsworth  
WD-158-002  
Punch Forceps



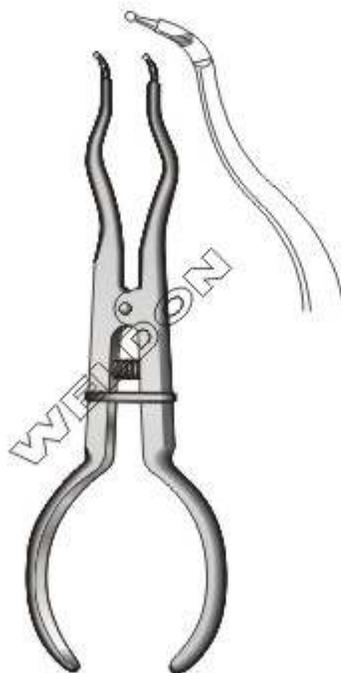
Ivory  
WD-158-003  
With 1 Row Of Holes  
Punch Forceps



Ivory  
WD-158-004  
With 2 Row Of Holes  
Punch Forceps



Ivory  
WD-158-005  
Light Weight



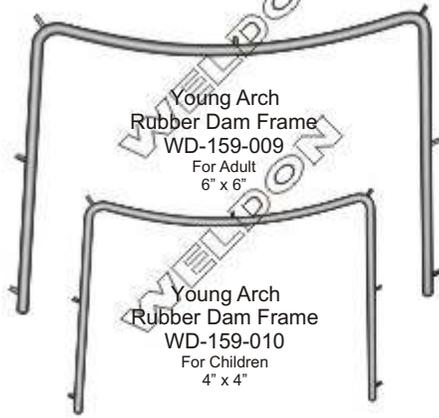
Brewer  
WD-158-006



Stocke  
WD-158-007



Palmer  
WD-158-008



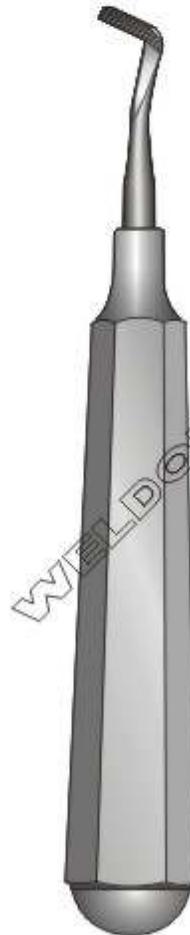
WD-159-011  
Complete Set Of 3



Elastic Separating Plier  
WD-159-012



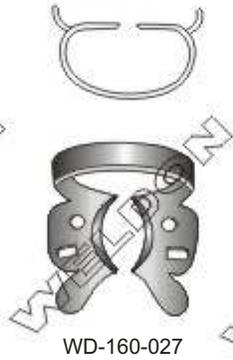
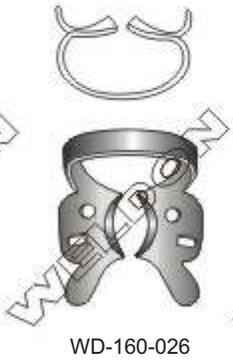
Elastic Separating Plier  
WD-159-013

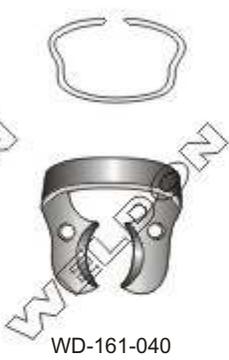


Mershon  
WD-159-014  
14.5 cm / 5 7/8"  
Band Pusher



WD-159-015  
15 cm / 6"  
Band Setter With  
Tin Insert







WD-162-052  
Fig. 28



WD-162-053  
Fig. 200



WD-162-054  
Fig. 201



WD-162-055  
Fig. 202



WD-162-056  
Fig. 203



WD-162-057  
Fig. 204



WD-162-058  
Fig. 205



WD-162-059  
Fig. 3



WD-162-060  
Fig. W3



WD-162-061  
Fig. 4



WD-162-062  
Fig. 56A



WD-162-063  
Fig. 7



WD-162-064  
Fig. 7A



WD-162-065  
Fig. 8



WD-162-066  
Fig. 8A



WD-162-067  
Fig. W8A



WD-162-068  
Fig. 10



WD-162-069  
Fig. 11

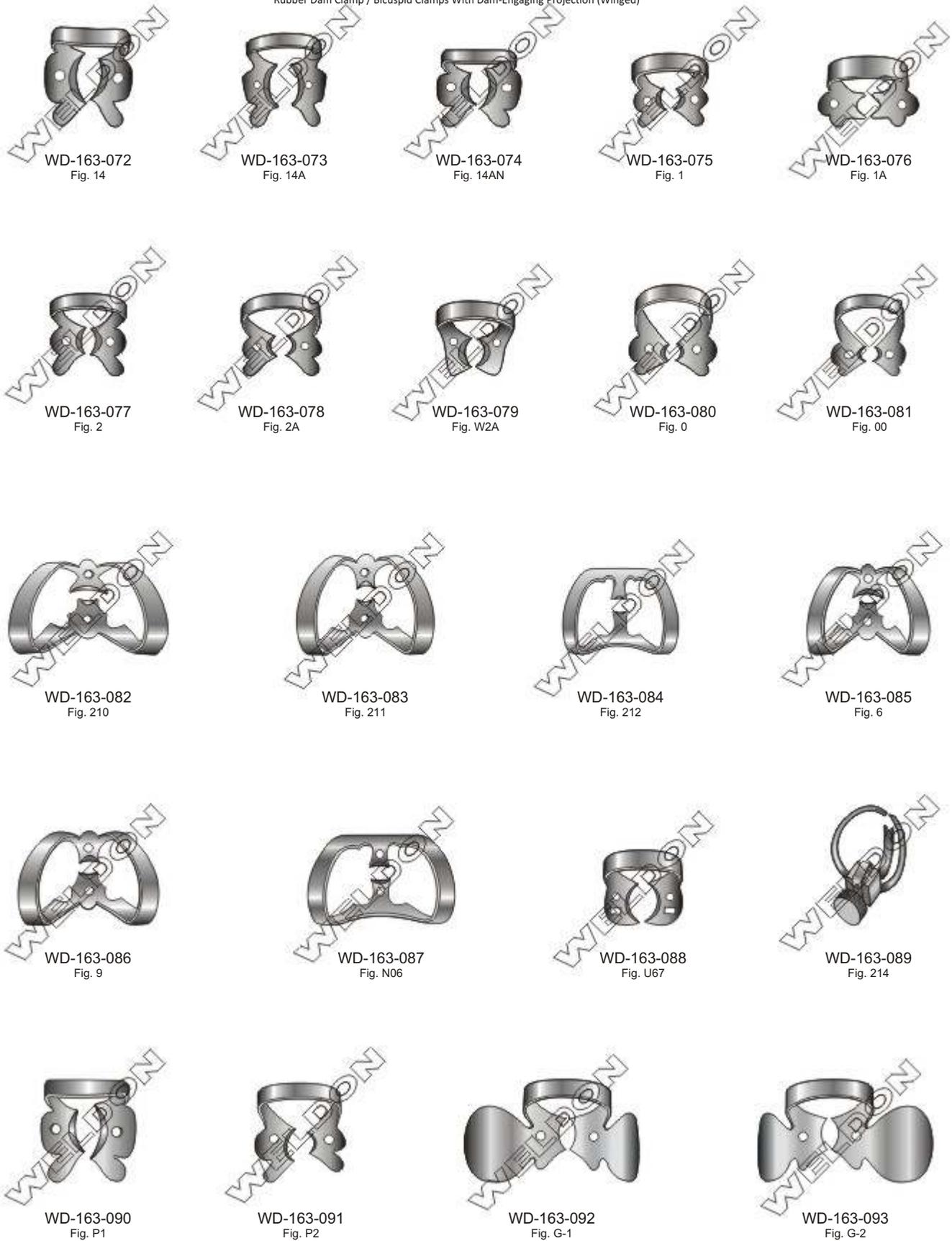


WD-162-070  
Fig. 12A



WD-162-071  
Fig. 13A

Rubber Dam Clamp / Bicuspid Clamps With Dam-Engaging Projection (Winged)

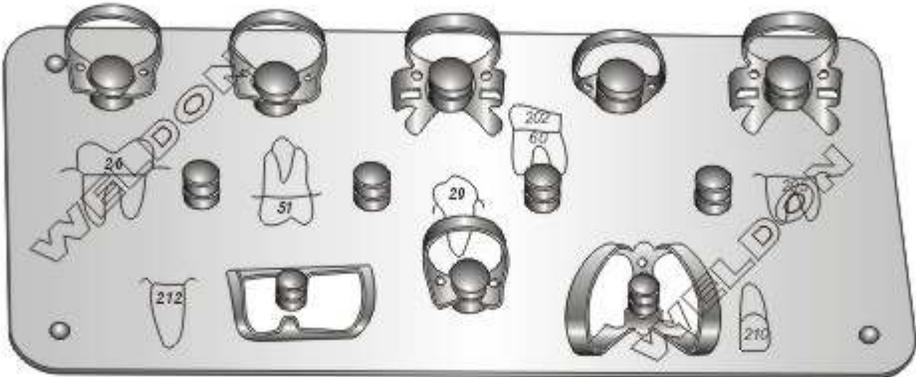




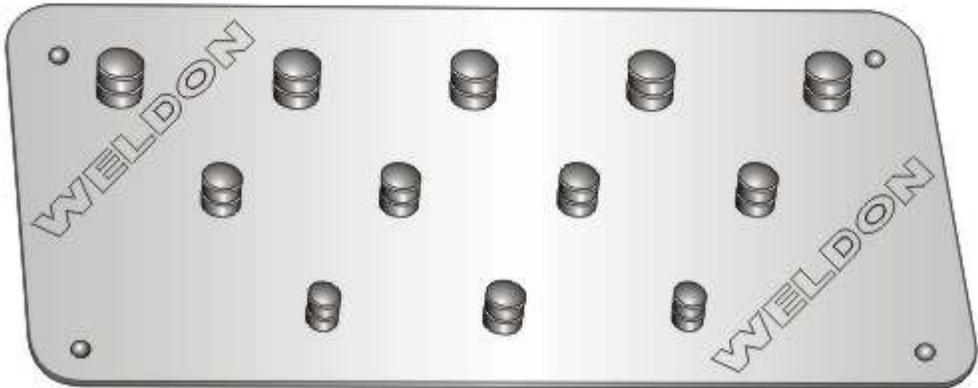
**WD-164-094**  
Rubber Dam Instrument Kit

**Contents**

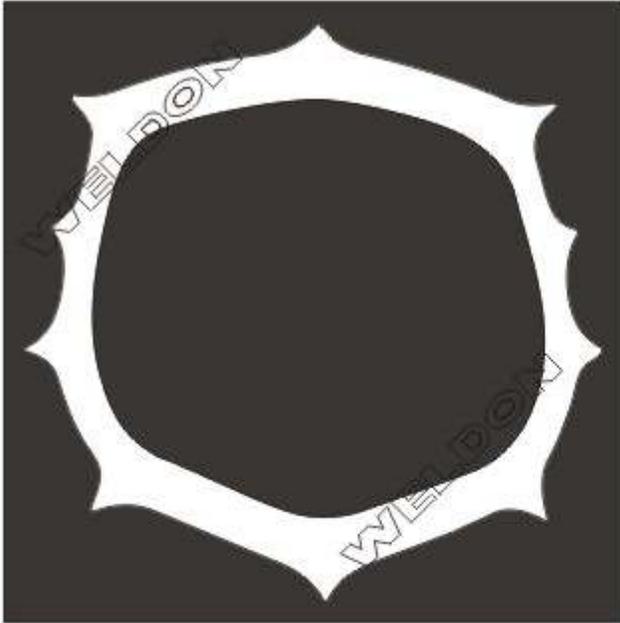
- 1 Instrument Tray Base-Stainless Steel
- 1 Instrument Tray Lid-Stainless Steel
- 1 Insert Frame-Stainless
- 1 Rubber Dam Frame-Stainless Steel
- 1 Clamp-Forceps-Brewer
- 1 Punch - Forceps - Ivory
- 1 Rubber Dam Clamp Tray - Stainless
- 1 Bicuspid Clamp No 60 - Wingless
- 1 Molar Clamp No 26 - Wingless
- 1 Molar Clamp No 51 - Wingless
- 1 Bicuspid Clamp No 29 - Wingless
- 1 Molar Clamp No 202 - Winged
- 1 Molar Clamp No 205 - Winged
- 1 Cervical Clamp No 212
- 1 Labial Clamp No 210 - Winged



WD-165-095  
Stainless Steel Rubber Dam Clamp Tray With 8 Diferent Clamps



WD-165-096  
Stainless Steel Rubber Dam Clamps Tray ( Without Clamps)



WD-166-097  
Autoclavable Plastic Amalgam Holders



WD-166-098  
Rubber Dam Vacuum  
6" x 6" Cut



WD-166-099  
2 mm Ø  
Metal Tip



Amalgam Well  
WD-166-100  
3.5 cm / 1½" Ø  
3.5 cm / 1½" Height



Amalgam Carriers  
WD-166-101  
2 mm Ø



Amalgam Carriers  
WD-166-102  
2 mm Ø



Amalgam Carriers  
WD-166-103  
2 mm Ø

2.0 mm Ø



2.0 mm Ø



2.0 mm Ø



2.5 mm Ø



1.5 mm Ø



WD-167-001  
Medium/Small

2.5 mm Ø



WD-167-002  
Medium/Large

3.0 mm Ø



WD-167-003  
Medium/Jumbo

3.0 mm Ø



WD-167-004  
Large/Jumbo

1.5 mm Ø



WD-167-005  
Small

2.0 mm Ø



WD-167-006  
Medium

2.5 mm Ø



WD-167-007  
Large

3.0 mm Ø



WD-167-008  
Jumbo



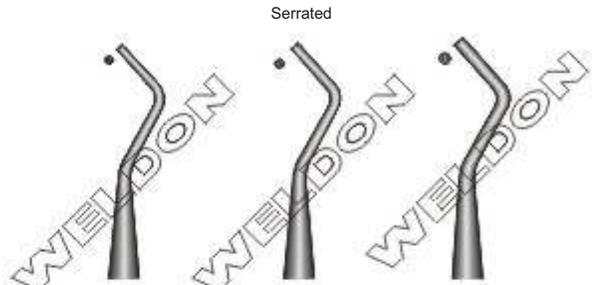
WD-168-001-SD  
WD-168-001-HH  
Fig. 1



WD-168-002-SD  
WD-168-002-HH  
Fig. 2



WD-168-003-SD  
WD-168-003-HH  
Fig. 3



WD-168-006-SD  
WD-168-006-HH  
Fig. 1



WD-168-007-SD  
WD-168-007-HH  
Fig. 2



WD-168-008-SD  
WD-168-008-HH  
Fig. 3



WD-168-004-SD  
WD-168-004-HH  
Fig. 4



WD-168-005-SD  
WD-168-005-HH  
Fig. 5



WD-168-009-SD  
WD-168-009-HH  
Fig. 1L



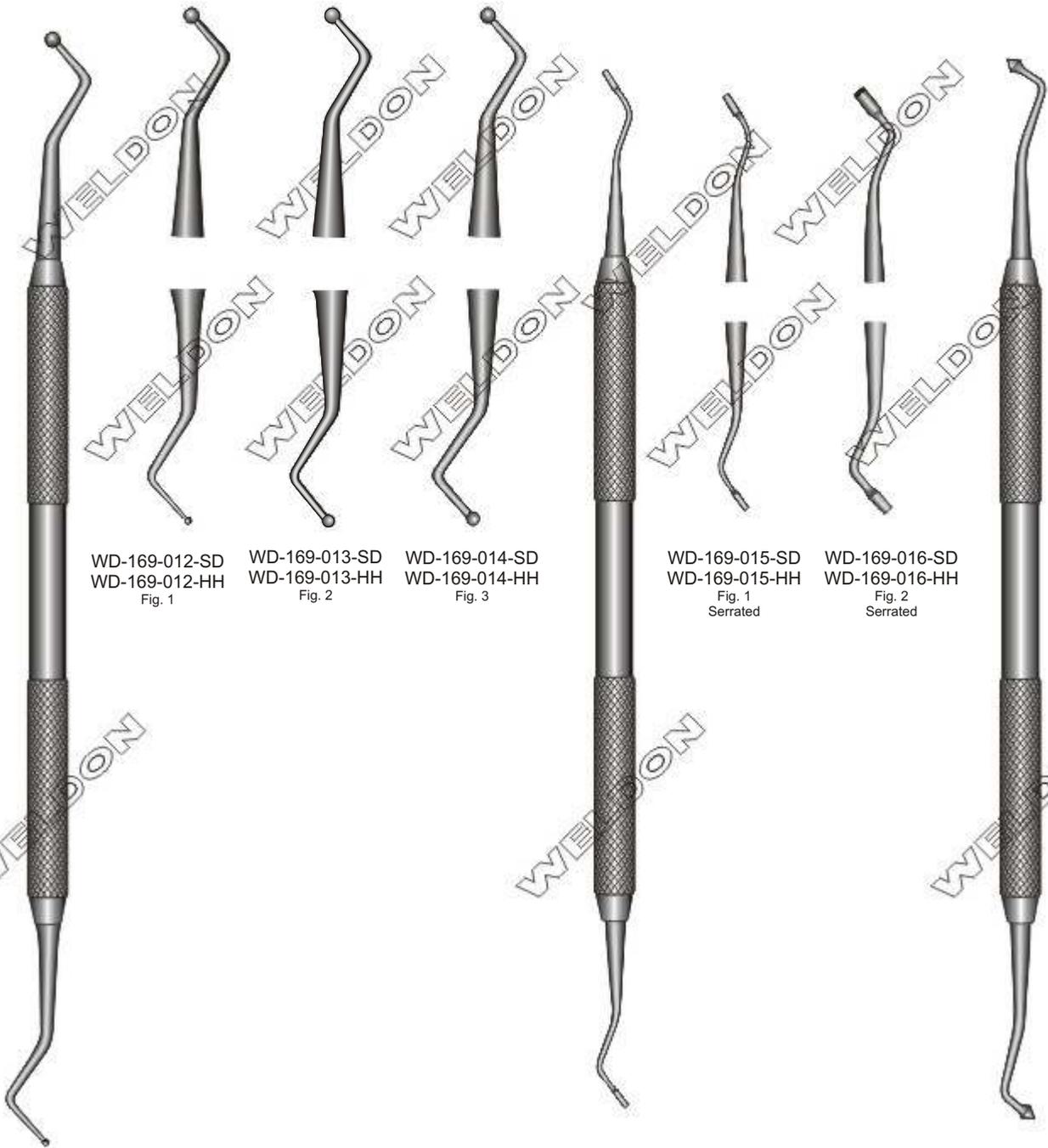
WD-168-010-SD  
WD-168-010-HH  
Fig. 2L  
Smooth



WD-168-011-SD  
WD-168-011-HH  
Fig. 3L

Amalgam Instrument

Amalgam Instruments



WD-169-012-SD  
WD-169-012-HH  
Fig. 1

WD-169-013-SD  
WD-169-013-HH  
Fig. 2

WD-169-014-SD  
WD-169-014-HH  
Fig. 3

WD-169-015-SD  
WD-169-015-HH  
Fig. 1  
Serrated

WD-169-016-SD  
WD-169-016-HH  
Fig. 2  
Serrated

Westcott  
WD-169-017-SD  
WD-169-017-HH  
Fig. 1  
Burnishers

Amalgam Instruments

Serrated



WD-170-018-SD WD-170-019-SD WD-170-020-SD WD-170-021-SD  
 WD-170-018-HH WD-170-019-HH WD-170-020-HH WD-170-021-HH  
 Fig. 1 Fig. 2 Fig. 3 Fig. 4

WD-170-026-SD WD-170-027-SD  
 WD-170-026-HH WD-170-027-HH  
 Fig. 1 Fig. 2

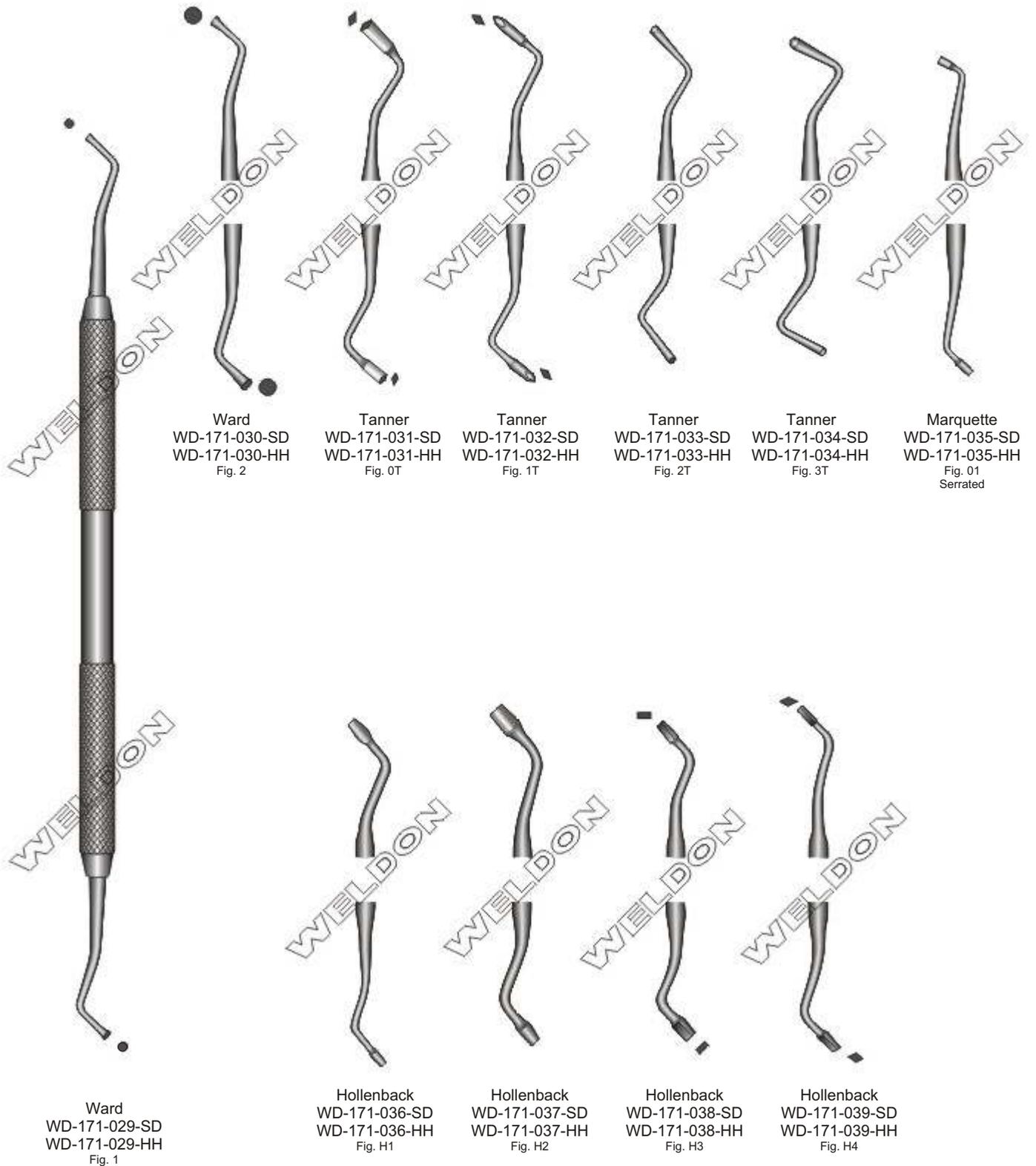
Smooth



WD-170-022-SD WD-170-023-SD WD-170-024-SD WD-170-025-SD  
 WD-170-022-HH WD-170-023-HH WD-170-024-HH WD-170-025-HH  
 Fig. 1L Fig. 2L Fig. 3L Fig. 4L

WD-170-028-SD  
 WD-170-028-HH  
 Fig. 3

Amalgam Instruments



Amalgam Instruments



WD-172-046-SD  
WD-172-046-HH  
Set Of 6 Pieces



WD-172-040-SD  
WD-172-040-HH  
Fig. 1

WD-172-041-SD  
WD-172-041-HH  
Fig. 2

WD-172-042-SD  
WD-172-042-HH  
Fig. 3

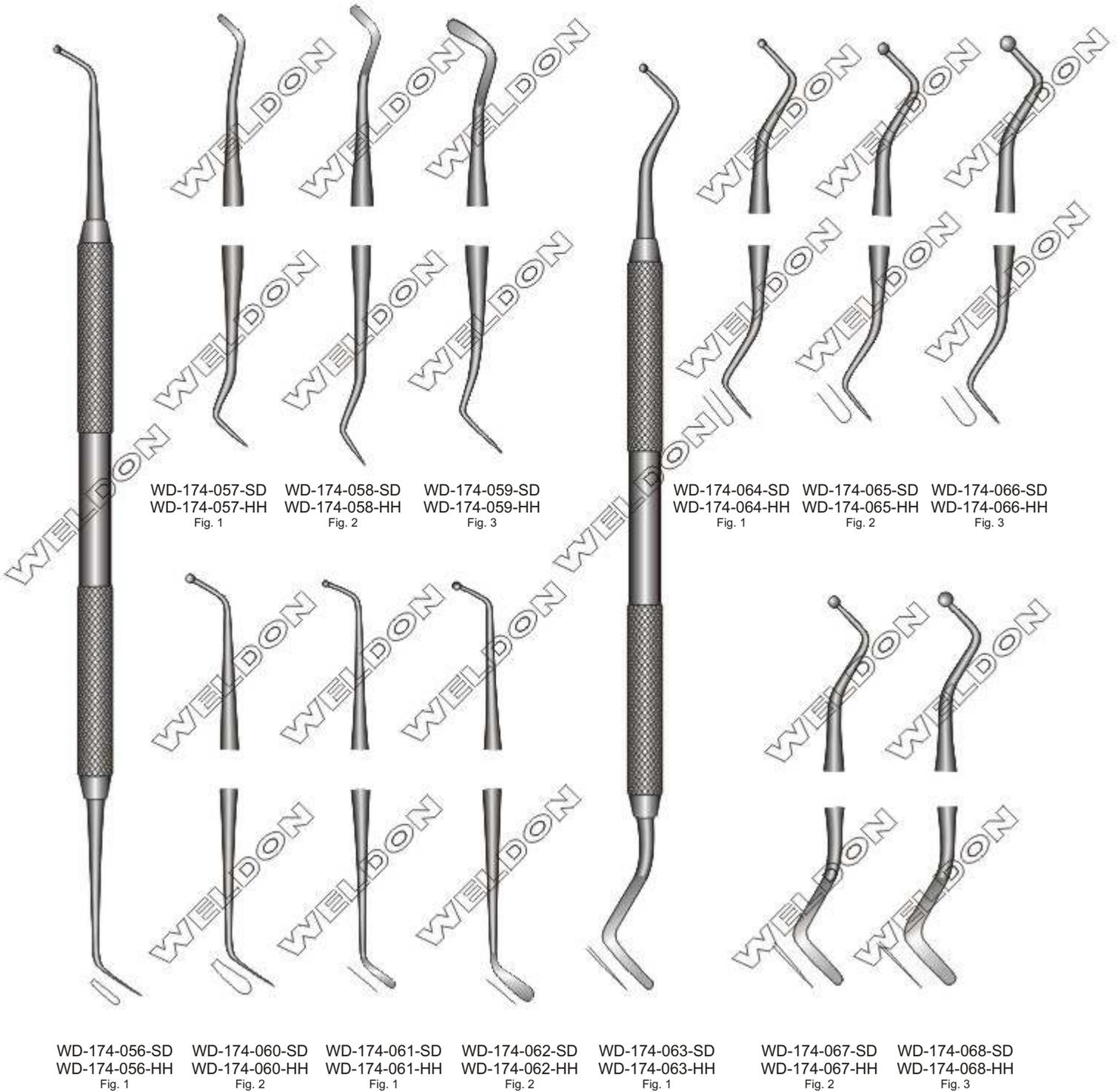
WD-172-043-SD  
WD-172-043-HH  
Fig. 4

WD-172-044-SD  
WD-172-044-HH  
Fig. 5

WD-172-045-SD  
WD-172-045-HH  
Fig. 6

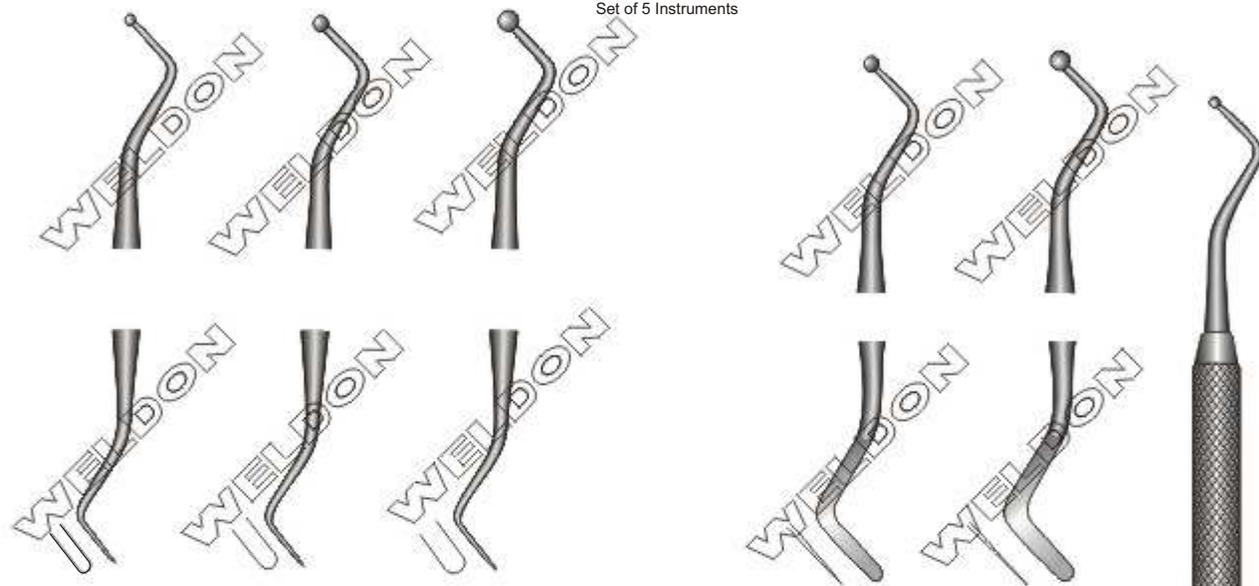
Burnishers







WD-175-078-SD  
WD-175-078-HH  
Set of 5 Instruments



WD-175-069-SD  
WD-175-069-HH  
Fig. 1

WD-175-070-SD  
WD-175-070-HH  
Fig. 2

WD-175-071-SD  
WD-175-071-HH  
Fig. 3

WD-175-075-SD  
WD-175-075-HH  
Fig. 2

WD-175-076-SD  
WD-175-076-HH  
Fig. 3



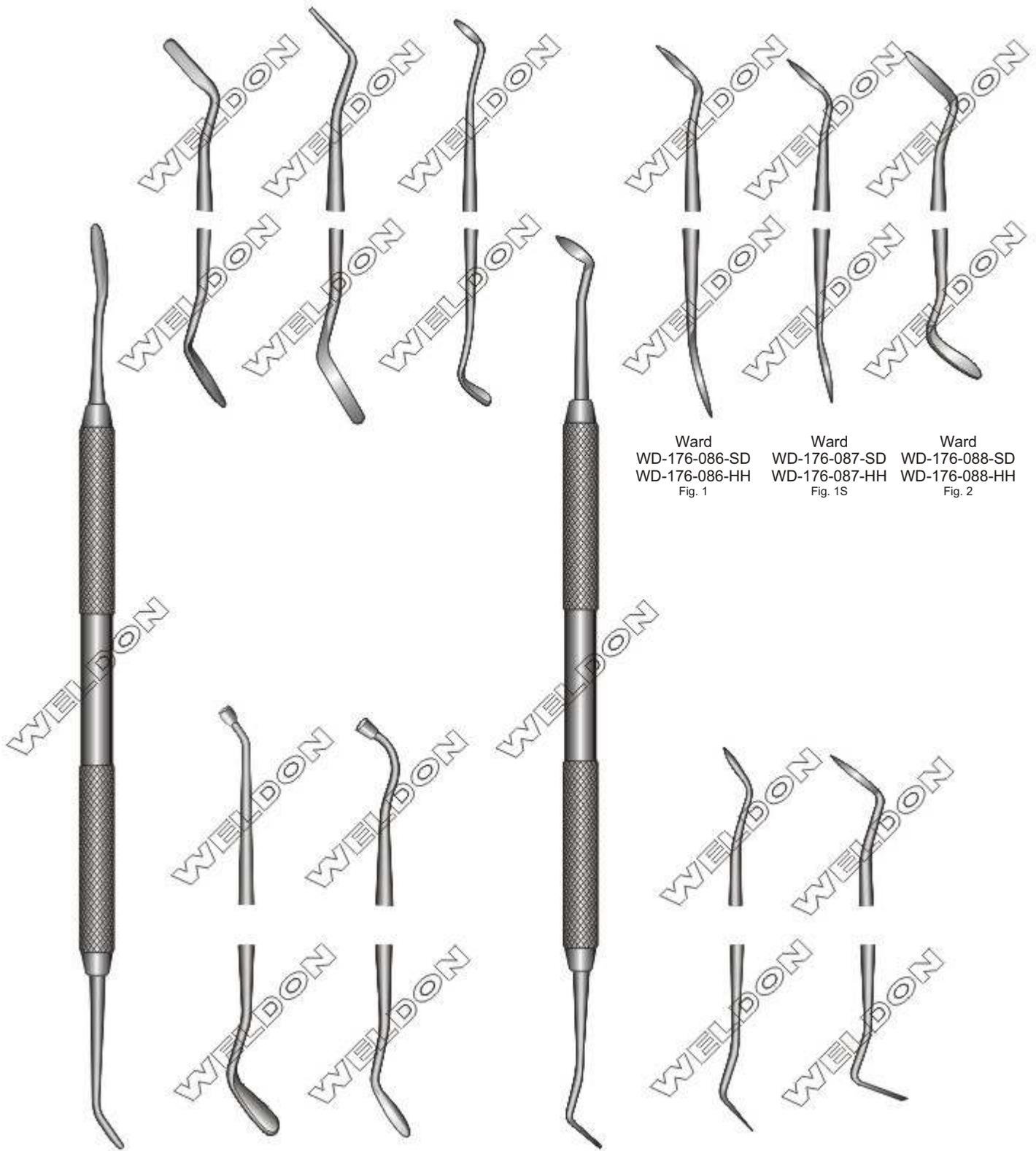
WD-175-072-SD  
WD-175-072-HH  
Fig. 1

WD-175-073-SD  
WD-175-073-HH  
Fig. 2

WD-175-074-SD  
WD-175-074-HH  
Fig. 3



WD-175-077-SD  
WD-175-077-HH  
Fig. 1



Ward  
WD-176-086-SD  
WD-176-086-HH  
Fig. 1

Ward  
WD-176-087-SD  
WD-176-087-HH  
Fig. 1S

Ward  
WD-176-088-SD  
WD-176-088-HH  
Fig. 2

Woodson  
WD-176-079-SD  
WD-176-079-HH  
Fig. 1

Woodson  
WD-176-083-SD  
WD-176-083-HH  
Fig. 2

Woodson  
WD-176-084-SD  
WD-176-084-HH  
Fig. 3

Hollenback  
WD-176-085-SD  
WD-176-085-HH  
Fig. 1/2

Hollenback  
WD-176-089-SD  
WD-176-089-HH  
Fig. 3

Hollenback  
WD-176-090-SD  
WD-176-090-HH  
Fig. 3S



Glick  
WD-177-091A-SD  
WD-177-091A-HH  
Fig. 1

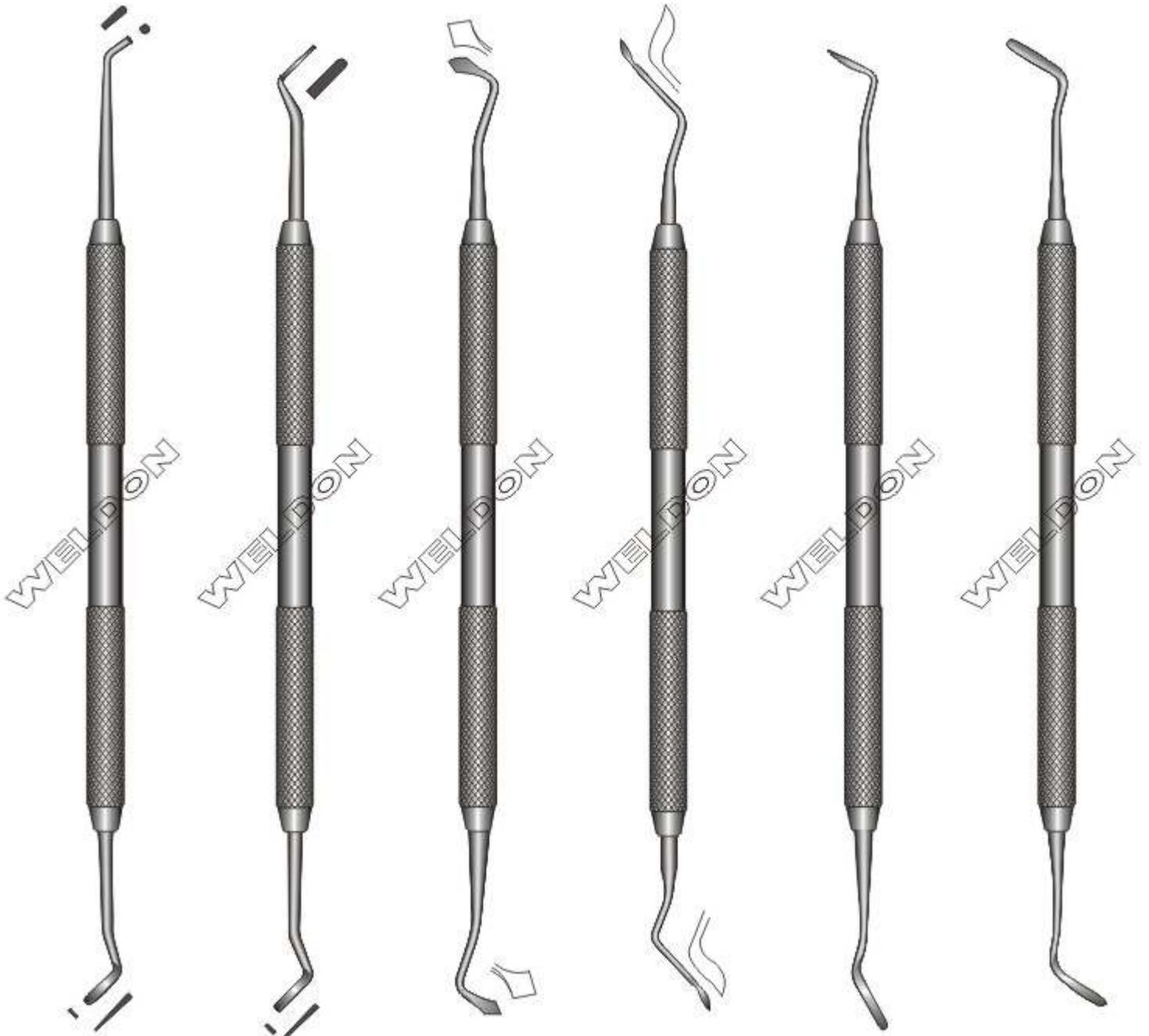
Glick  
WD-177-091B-SD  
WD-177-091B-HH  
Fig. 2

WD-177-091-SD  
WD-177-091-HH  
Fig. 4

WD-177-092-SD  
WD-177-092-HH  
Fig. 5

WD-177-093-SD  
WD-177-093-HH  
Fig. W-3

Gregg  
WD-177-094-SD  
WD-177-094-HH  
Fig. 4/5



CF 5A  
WD-178-095A-SD  
WD-178-095A-HH

CF 4A  
WD-178-095B-SD  
WD-178-095B-HH

Frahm  
WD-178-095-SD  
WD-178-095-HH  
Fig. 1

USC  
WD-178-096-SD  
WD-178-096-HH  
Fig. 2

Interproximal  
WD-178-097-SD  
WD-178-097-HH  
Fig. 1

Interproximal  
WD-178-098-SD  
WD-178-098-HH  
Off-Angle  
Fig. 2



WD-179-099-SD  
WD-179-099-HH  
Fig. SHO-A



WD-179-100-SD  
WD-179-100-HH  
Fig. 3-SHO



WD-179-101-SD  
WD-179-101-HH  
Fig. 104



Wiland  
WD-179-102-SD  
WD-179-102-HH  
Fig. 8

Cleoids-Discoids

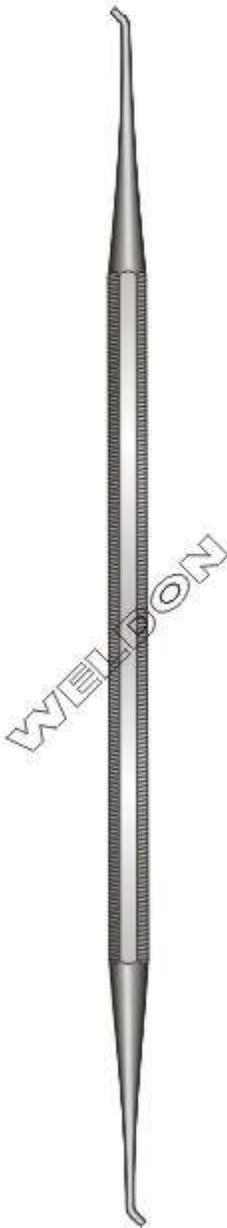


WD-180-103-SD  
WD-180-103-HH  
Fig. 1

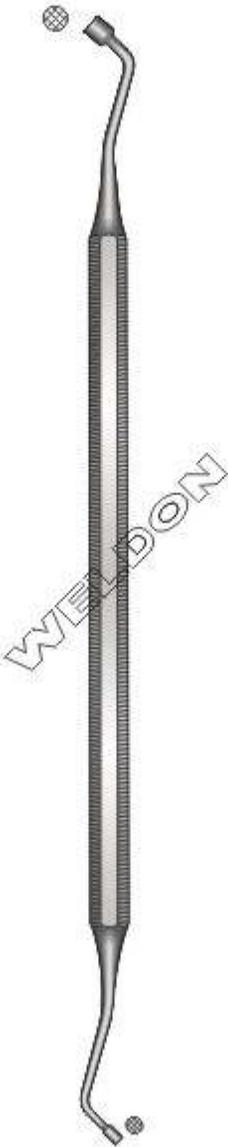
WD-180-104-SD  
WD-180-104-HH  
Fig. 2

WD-180-105-SD  
WD-180-105-HH  
Fig. 3

WD-180-106-SD  
WD-180-106-HH  
Fig. 4



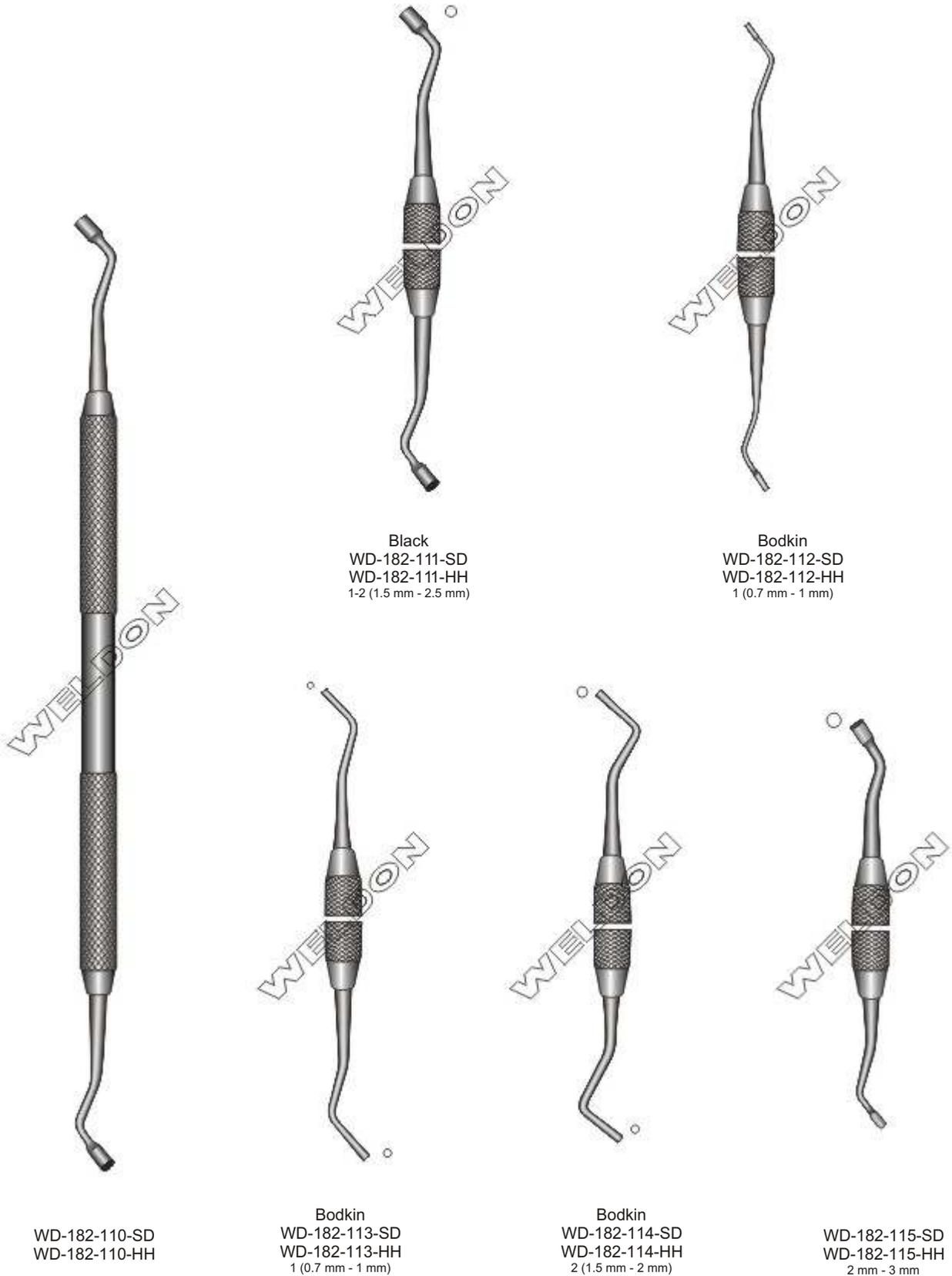
Behrman  
WD-181-107-SD  
WD-181-107-HH

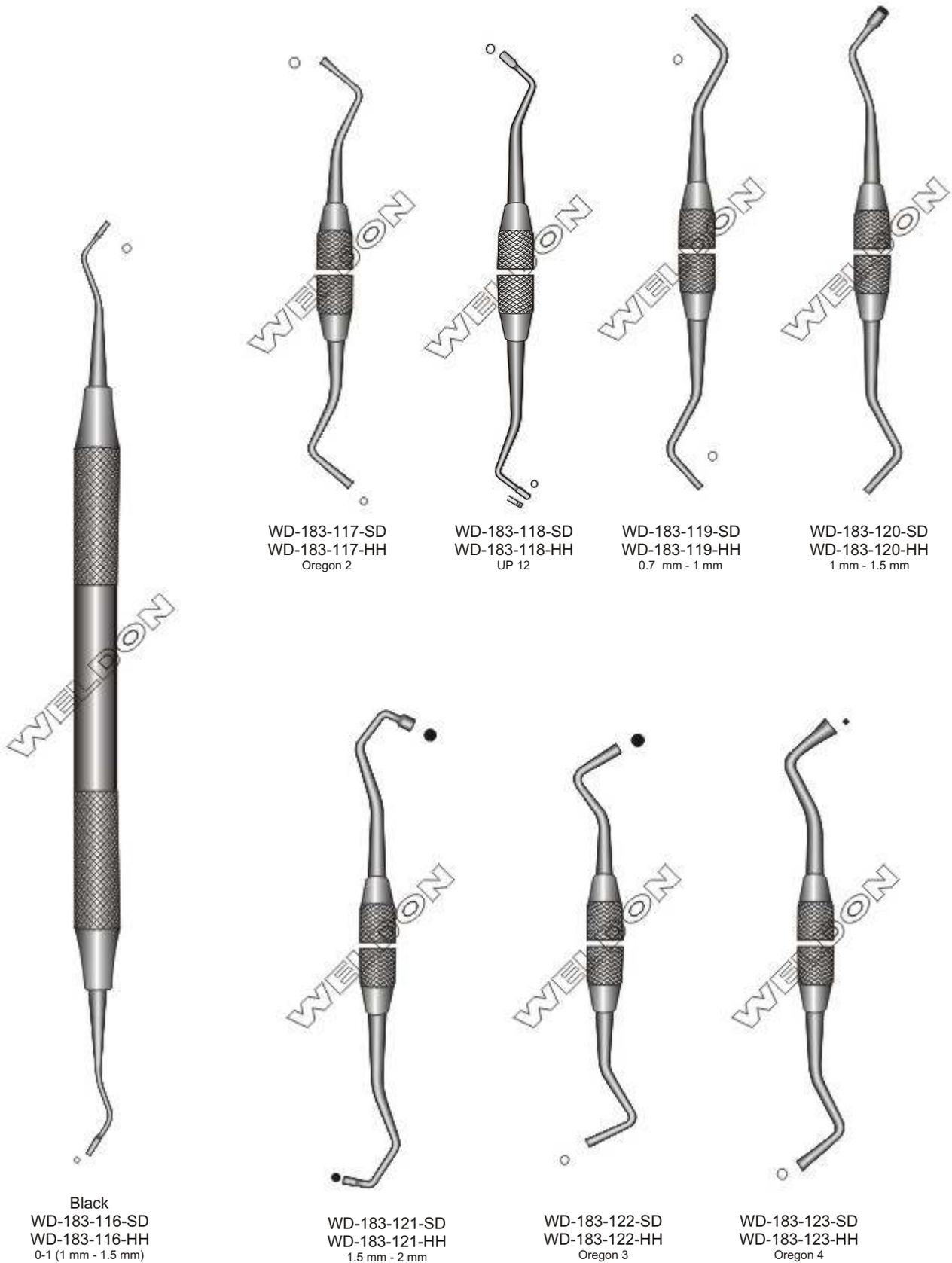


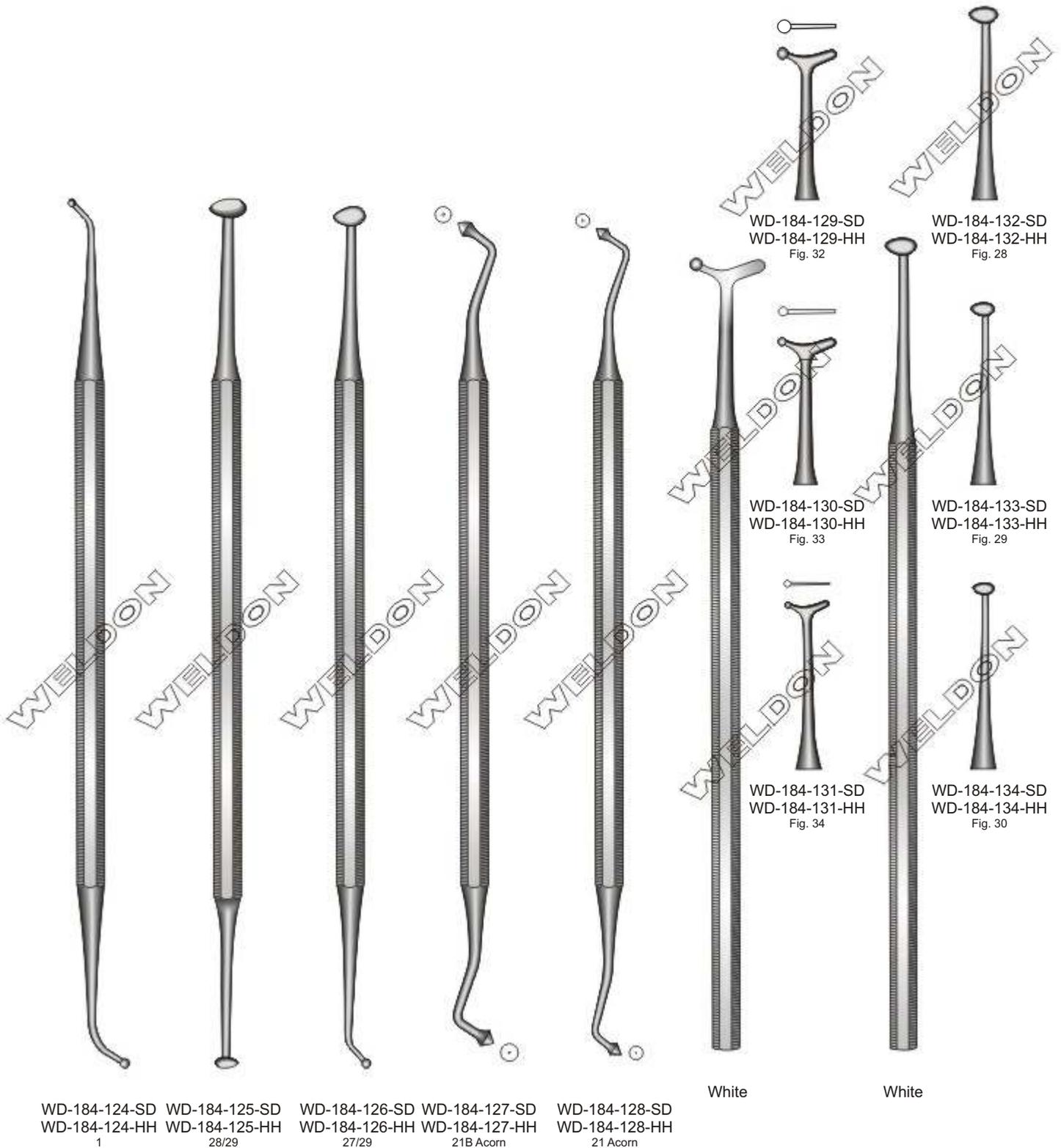
Black  
WD-181-108-SD  
WD-181-108-HH



Back-Action  
WD-181-109-SD  
WD-181-109-HH  
1/12 Plugger







WD-184-124-SD WD-184-125-SD WD-184-126-SD WD-184-127-SD WD-184-128-SD  
 WD-184-124-HH WD-184-125-HH WD-184-126-HH WD-184-127-HH WD-184-128-HH  
 1 28/29 27/29 21B Acorn 21 Acorn

White

White

Instruments For Subgingival Application Of Tinctures & Medicaments



Orban Loop  
 WD-185-001-SD  
 WD-185-001-HH  
 Wire Retractor

WD-185-002-SD  
 WD-185-002-HH

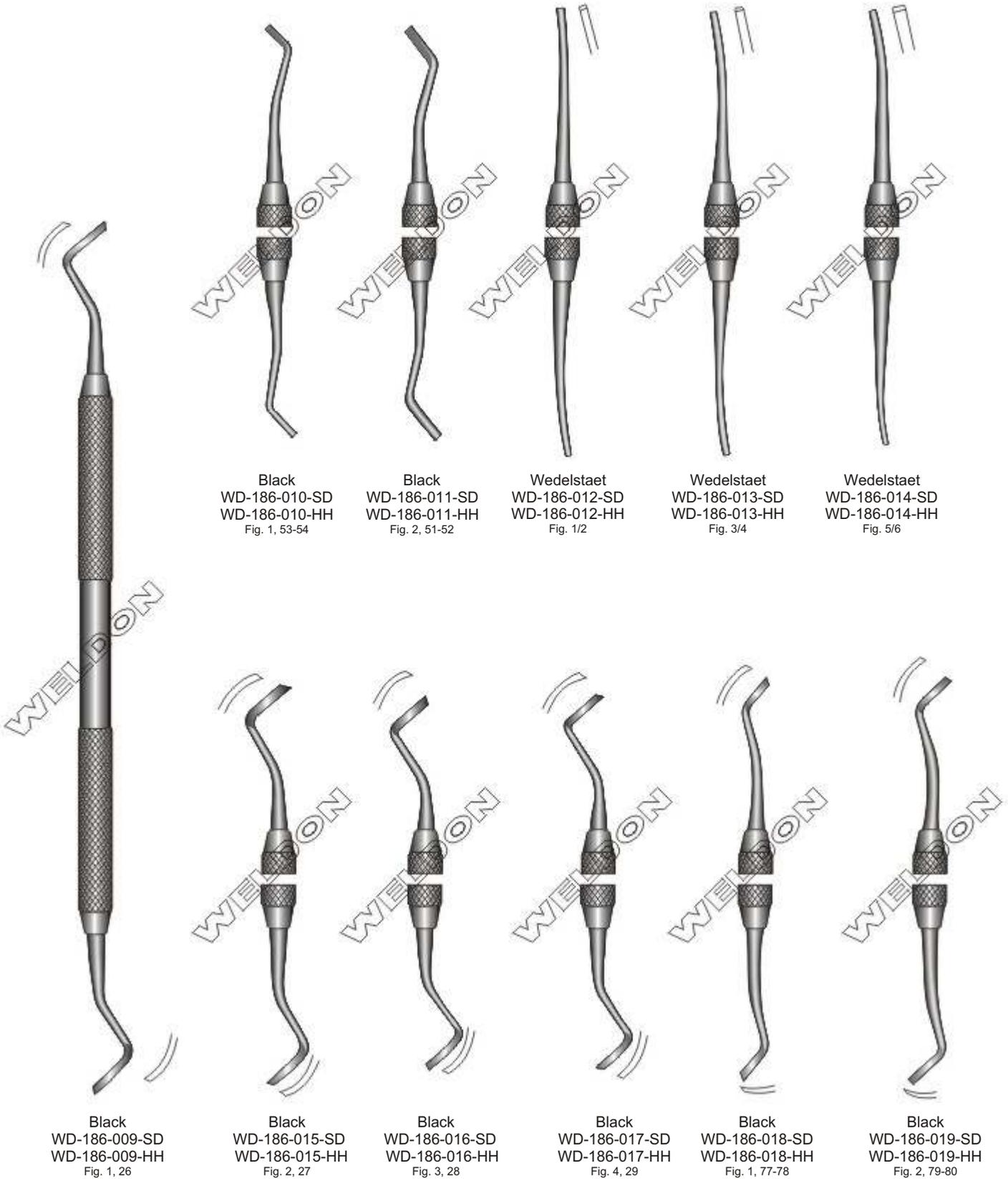
WD-185-003-SD  
 WD-185-003-HH

WD-185-004-SD  
 WD-185-004-HH

WD-185-005-SD  
 WD-185-005-HH

WD-185-006-SD  
 WD-185-006-HH

Luniatschek  
 WD-185-007-SD  
 WD-185-007-HH  
 2 mm  
 WD-185-008-SD  
 WD-185-008-HH  
 3 mm  
 Gauze Packers

**Gingival Margin Trimmers**




WD-187-027-SD  
WD-187-027-HH  
Set Of 5 Pieces



WD-187-020-SD  
WD-187-020-HH  
Fig. 0

WD-187-021-SD  
WD-187-021-HH  
Fig. 1

WD-187-022-SD  
WD-187-022-HH  
Fig. 2

WD-187-023-SD  
WD-187-023-HH  
Fig. 3

WD-187-024-SD  
WD-187-024-HH  
Fig. 4

WD-187-025-SD  
WD-187-025-HH  
Fig. 1

WD-187-026-SD  
WD-187-026-HH  
Fig. 2



WD-188-028-SD  
WD-188-028-HH  
Fig. 6



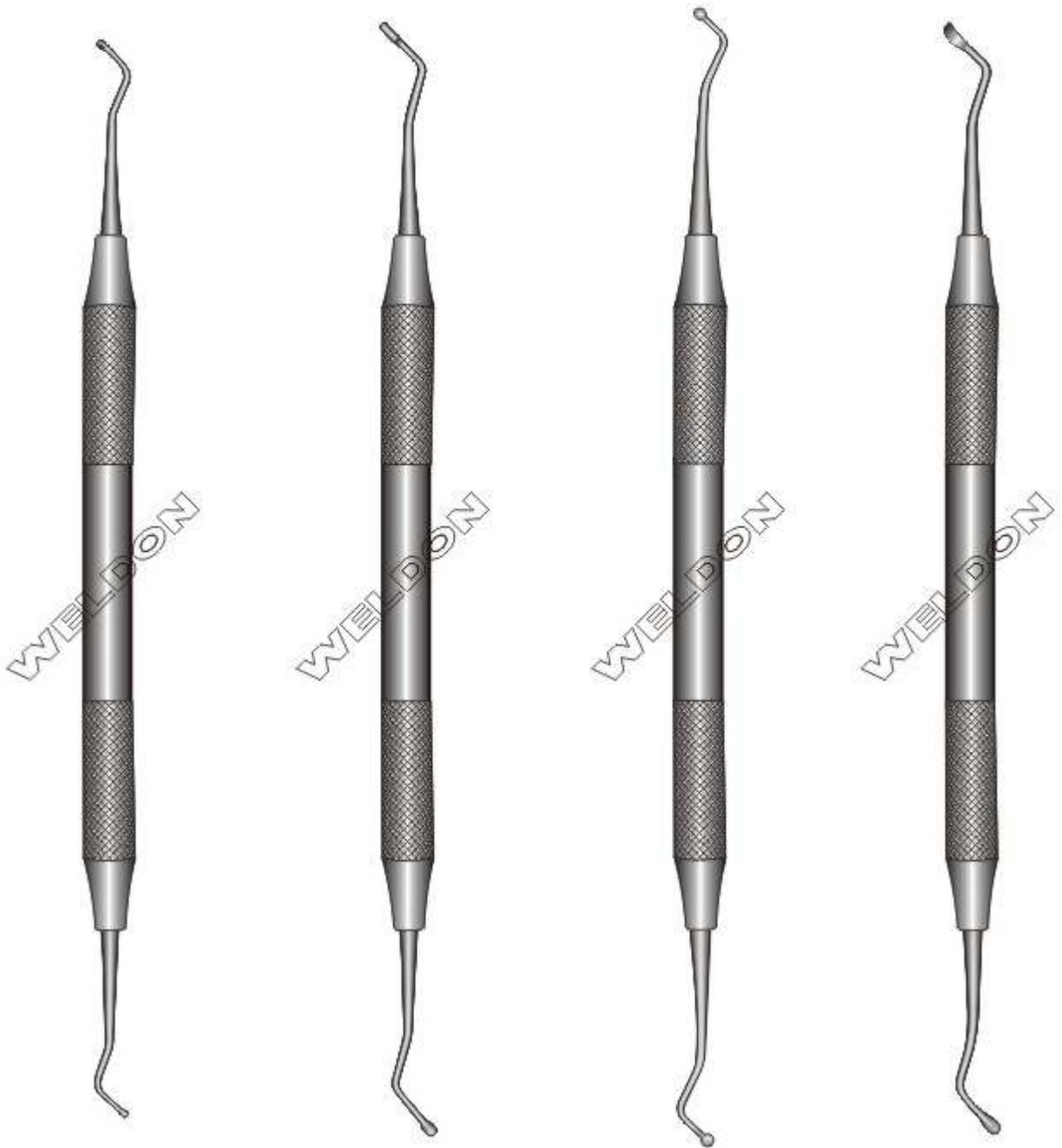
WD-188-029-SD  
WD-188-029-HH  
Fig. 14



WD-188-030-SD  
WD-188-030-HH  
Fig. 17



Oval Spoon  
WD-188-031-SD  
WD-188-031-HH  
Fig. 17W



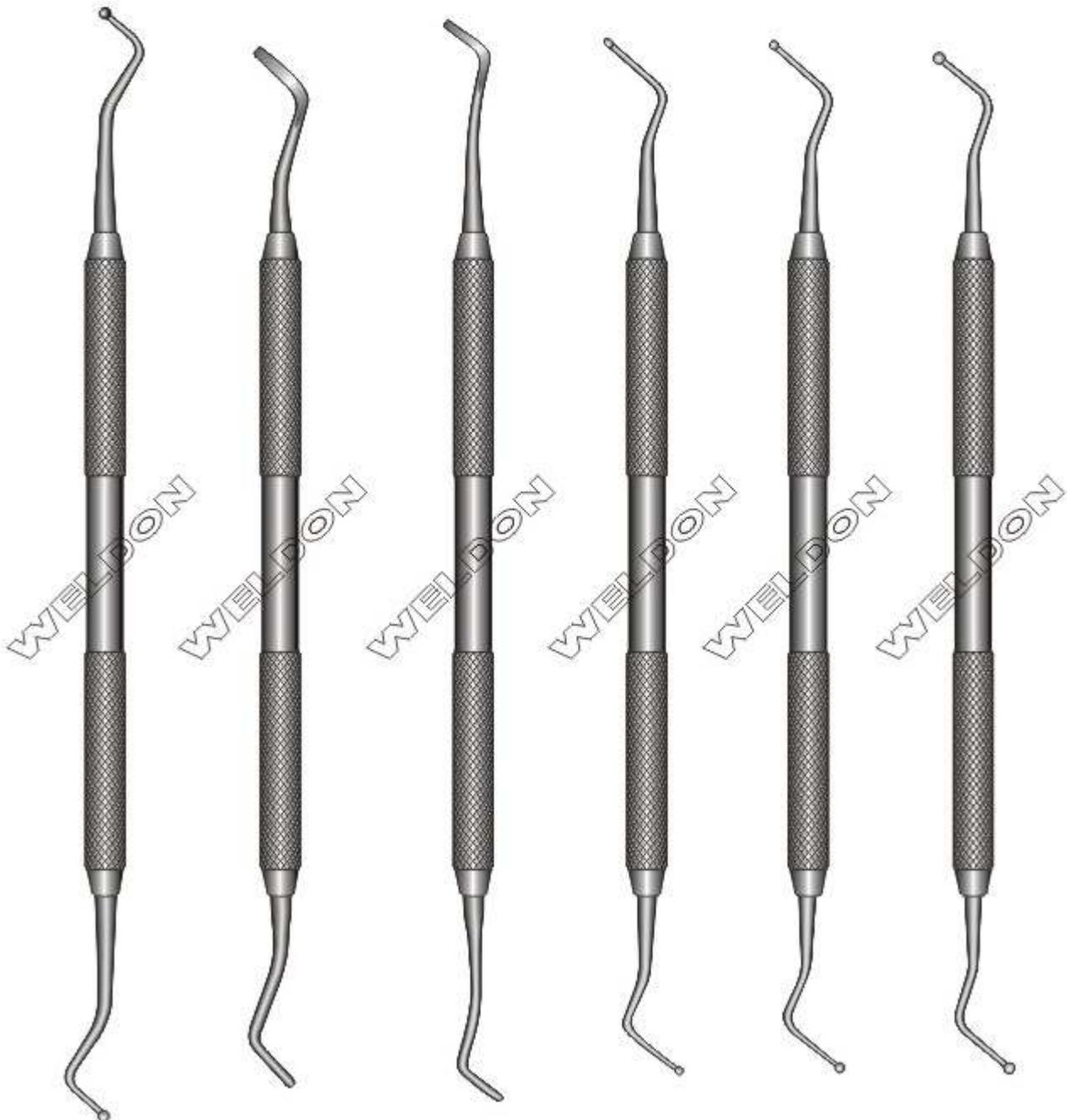
WD-189-032-SD  
WD-189-032-HH  
Fig. 18

Oval Spoon  
WD-189-033-SD  
WD-189-033-HH  
Fig. 18W

WD-189-034-SD  
WD-189-034-HH  
Fig. 19

Oval Spoon  
WD-189-035-SD  
WD-189-035-HH  
Fig. 19W

Root Canal Excavators



WD-190-036-SD  
WD-190-036-HH  
Fig. 38/39

WD-190-037-SD  
WD-190-037-HH  
Fig. 63/64

WD-190-038-SD  
WD-190-038-HH  
Fig. 65/66

WD-190-039-SD  
WD-190-039-HH  
Fig. 31L

WD-190-040-SD  
WD-190-040-HH  
Fig. 32L

WD-190-041-SD  
WD-190-041-HH  
Fig. 33L

Bone Chisels & Gouges



Ochsenbein  
WD-191-001  
Fig. 1

Ochsenbein  
WD-191-002  
Fig. 2

Wakefield  
WD-191-003  
Fig. 1W

Wakefield  
WD-191-004  
Fig. 2W

Buckley  
WD-191-005  
Fig. 3



Gardner  
WD-192-006  
Fig. 1

Gardner  
WD-192-007  
Fig. 2

Gardner  
WD-192-008  
Fig. 5

Gardner  
WD-192-009  
Fig. 5R

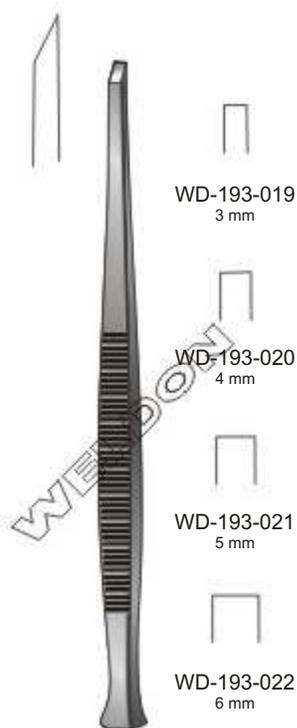
Gardner  
WD-192-010  
Fig. 6



**Partsch**  
13.5 cm / 5¼"  
Bone Chisels



**Partsch**  
13.5 cm / 5¼"  
Gouges



**Partsch**  
17 cm / 6¾"  
Bone Chisels



**Partsch**  
17 cm / 6¾"  
Gouges



**WD-193-027**  
18 cm / 7"  
Bone Chisel



**Gerzog**  
 WD-194-028  
 19 cm / 7½"  
 Weight 10 oz. / 285 gr.  
 Head Weight 7 oz. / 200 gr.  
 Head Diameter 25 mm



**Partsch**  
 WD-194-029  
 19 cm / 7½"  
 Mallets, Lead Filled



**Mead**  
 WD-194-030  
 19.5 cm / 7¾"  
 With Plastic Inserts



**Mead**  
 WD-194-031  
 17 cm / 6¾"  
 With Interchangeable Ferrozell Faces

WD-193-031R  
 Ferrozell Faces Only, In Pairs



**Tomati**  
 WD-194-032  
 19 cm / 7½"  
 Gum Guillotine Forceps



**Mini Friedman**  
 WD-194-033  
 12 cm / 4¾"  
 Small Beaks For Use In Limited-Access Areas



**Goldman-Fox**  
 WD-194-034  
 10 cm / 4"



Beale  
WD-195-035  
Periosteals

Goldman-Fox  
WD-195-036  
Fig. GF

Molt  
WD-195-037  
Fig. M9

Prichard  
WD-195-038  
Fig. PR3

Mead  
WD-195-039  
Fig. 3



Hopkins  
WD-196-040  
Fig. 1

Hopkins  
WD-196-041  
Fig. 2

Freer  
WD-196-042  
Fig. 15

Freer  
WD-196-043  
Fig. 16

Periosteals & Elevators



König  
WD-197-044  
15.5 cm / 6"

Partsch  
WD-197-045  
14.5 cm / 5 7/8"

Seldin Retractor  
WD-197-046  
Fig. 22

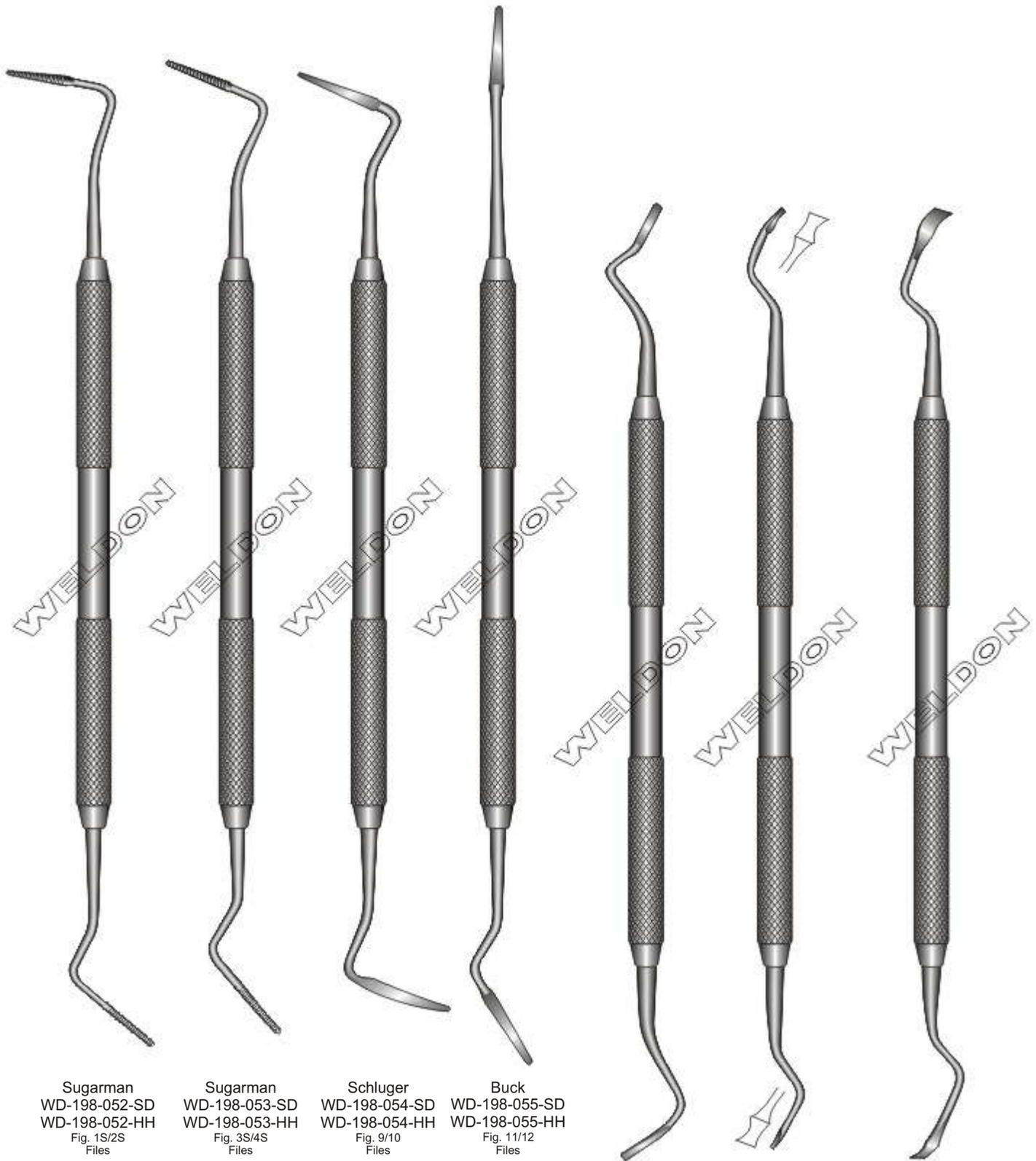
Seldin Retractor  
WD-197-047  
Fig. 23

Williger  
WD-197-048  
17 cm / 6 3/4"

Williger  
WD-197-049  
16 cm / 6 1/4"

Williger  
WD-197-050  
16 cm / 6 1/4"

Williger  
WD-197-051  
13 cm / 5"



**Sugarman**  
 WD-198-052-SD  
 WD-198-052-HH  
 Fig. 1S/2S  
 Files

**Sugarman**  
 WD-198-053-SD  
 WD-198-053-HH  
 Fig. 3S/4S  
 Files

**Schluger**  
 WD-198-054-SD  
 WD-198-054-HH  
 Fig. 9/10  
 Files

**Buck**  
 WD-198-055-SD  
 WD-198-055-HH  
 Fig. 11/12  
 Files

**Ochsenbein**  
 WD-198-056-SD  
 WD-198-056-HH  
 Fig. 3

**Ochsenbein**  
 WD-198-057-SD  
 WD-198-057-HH  
 Fig. 4

**Rhodes Back-Action**  
 WD-198-058-SD  
 WD-198-058-HH  
 Fig. 36/37



TG Chisel  
WD-199-059-SD  
Fig. 1/2

TG Chisel  
WD-199-060-HH  
Fig. 1/2

TG Chisel  
WD-199-061-SD  
WD-199-061-HH  
Fig. 1

TG Chisel  
WD-199-062-SD  
WD-199-062-HH  
Fig. 2

Gingivectomy Knives



Kirkland  
WD-200-063-SD  
WD-200-063-HH  
Fig. 1  
(15K)

Kirkland  
WD-200-064-SD  
WD-200-064-HH  
Fig. 2  
(16K)

Orban  
WD-200-065-SD  
WD-200-065-HH  
Fig. 1

Orban  
WD-200-066-SD  
WD-200-066-HH  
Fig. 2

Kirkland  
WD-200-067-SD  
WD-200-067-HH  
Fig. 1/2  
(15K / 16K)

Orban  
WD-200-068-SD  
WD-200-068-HH  
Fig. 1/2

Gingivectomy Knives



Goldman-Fox  
WD-201-069-SD  
WD-201-069-HH  
Fig. 7

Goldman-Fox  
WD-201-070-SD  
WD-201-070-HH  
Fig. 8

Goldman-Fox  
WD-201-071-SD  
WD-201-071-HH  
Fig. 9

Goldman-Fox  
WD-201-072-SD  
WD-201-072-HH  
Fig. 11

Buck  
WD-201-073-SD  
WD-201-073-HH  
Fig. 3/4

Buck  
WD-201-074-SD  
WD-201-074-HH  
Fig. 5/6

Gingivectomy Knives



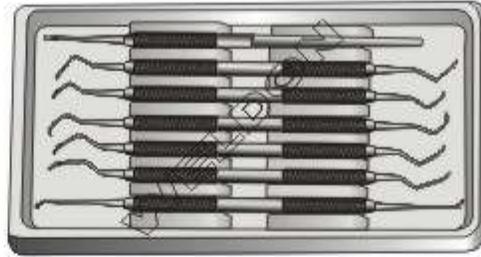
Sanders  
WD-202-075-SD  
WD-202-075-HH  
Fig. 1/2

Sanders  
WD-202-076-SD  
WD-202-076-HH  
Fig. 4/5

(University Of South California)  
WD-202-077-SD  
WD-202-077-HH  
Fig. 19/20  
USC Towner

Crane-Kaplan  
WD-202-078-SD  
WD-202-078-HH  
Fig. CK3

Curettes & Scalers



WD-203-086-SD  
WD-203-086-HH  
Set Of 7 Pieces  
Columbia University Set



Curette  
WD-203-079-SD  
WD-203-079-HH  
Fig. HU.1/2

Columbia  
WD-203-080-SD  
WD-203-080-HH  
Fig. 2R/2L

Columbia  
WD-203-081-SD  
WD-203-081-HH  
Fig. 4R/4L

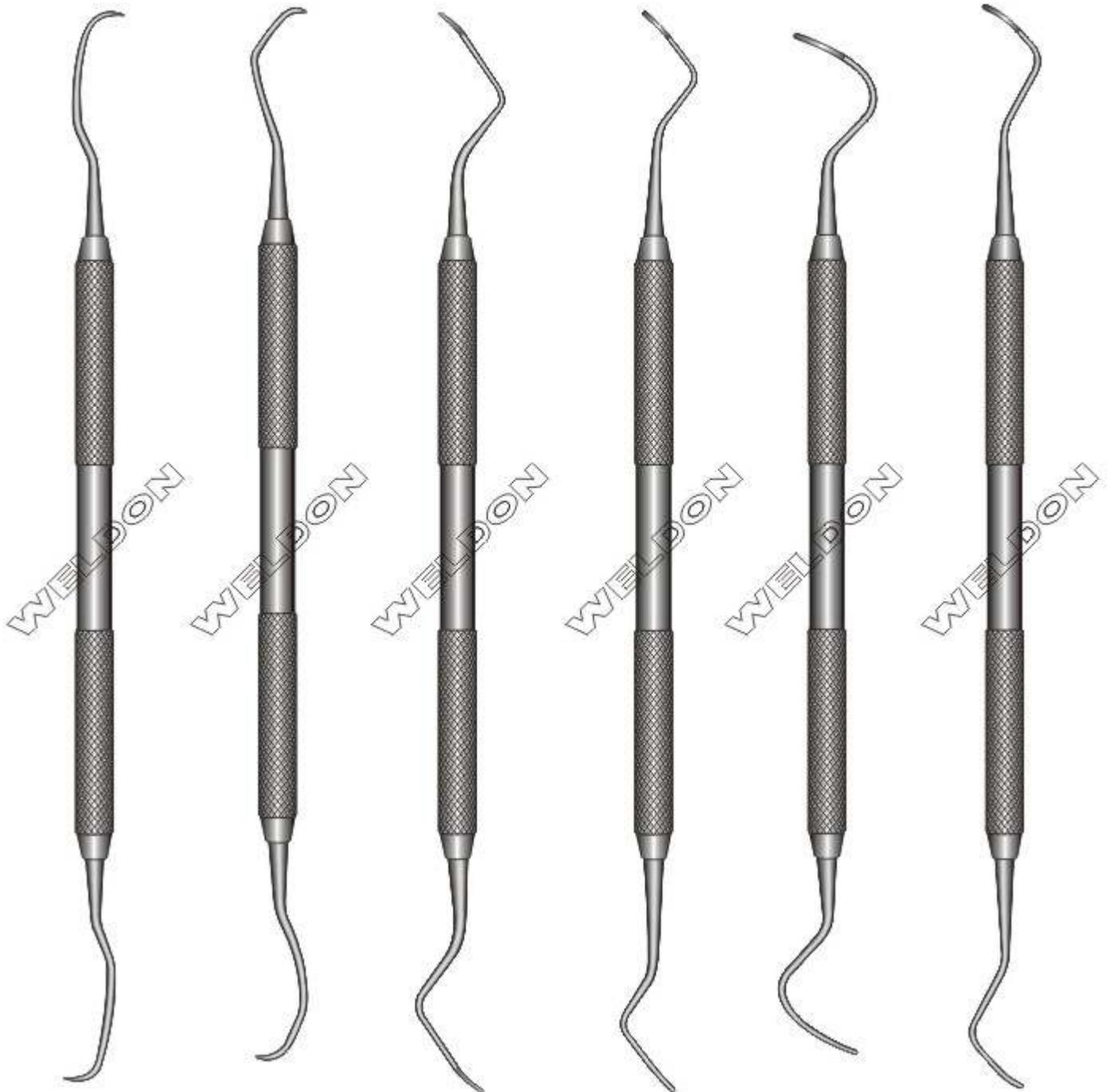
Columbia  
WD-203-082-SD  
WD-203-082-HH  
Fig. 13/14

WD-203-083-SD  
WD-203-083-HH  
Fig. 411/412

WD-203-084-SD  
WD-203-084-HH  
Fig. 413/414

Zerfing-Chisel  
WD-203-085-SD  
WD-203-085-HH

Curettes & Scalers



Langer  
WD-204-087-SD  
WD-204-087-HH  
Fig..1/2

Langer  
WD-204-088-SD  
WD-204-088-HH  
Fig..3/4

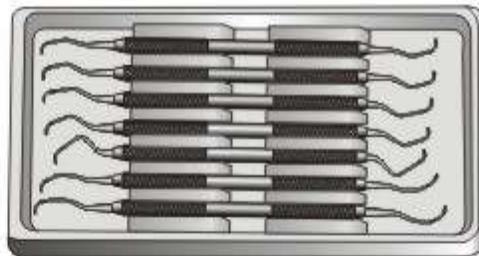
Barnhart  
WD-204-089-SD  
WD-204-089-HH  
Fig..1/2

Barnhart  
WD-204-090-SD  
WD-204-090-HH  
Fig..5/6

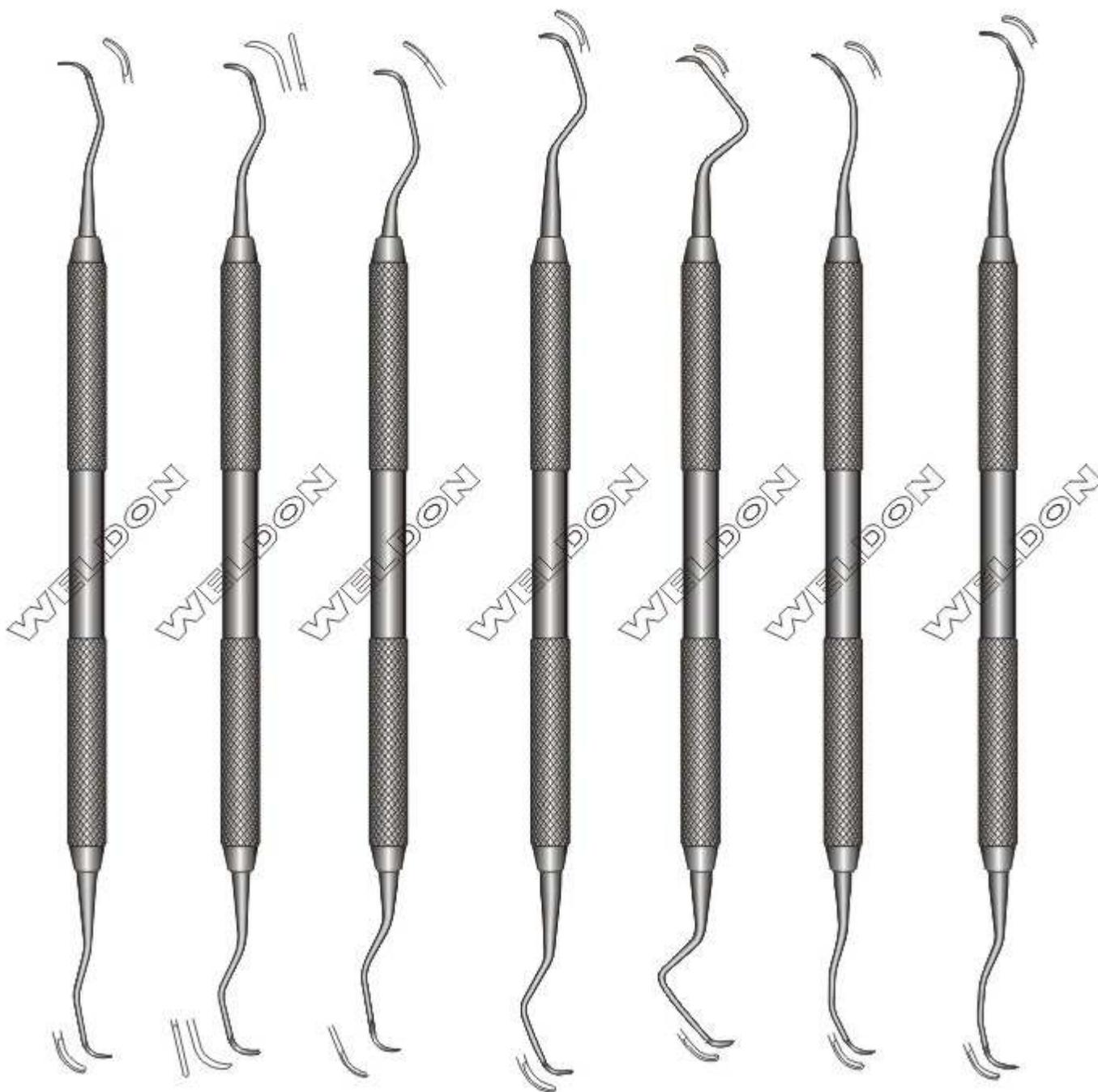
WD-204-091-SD  
WD-204-091-HH  
Fig. ME-1  
[10/11]

WD-204-092-SD  
WD-204-092-HH  
Fig. 3/4  
Rule [23/24]

Curettes & Scalers



WD-205-100-SD  
WD-205-100-HH  
Set Of 7 Pieces



Gracey  
WD-205-093-SD  
WD-205-093-HH  
Fig. 1/2

Gracey  
WD-205-094-SD  
WD-205-094-HH  
Fig. 3/4

Gracey  
WD-205-095-SD  
WD-205-095-HH  
Fig. 5/6

Gracey  
WD-205-096-SD  
WD-205-096-HH  
Fig. 7/8

Gracey  
WD-205-097-SD  
WD-205-097-HH  
Fig. 9/10

Gracey  
WD-205-098-SD  
WD-205-098-HH  
Fig. 11/12

Gracey  
WD-205-099-SD  
WD-205-099-HH  
Fig. 13/14

## Curettes &amp; Scalers



Gracey  
 WD-206-101-SD  
 WD-206-101-HH  
 Fig. 11/14  
 Mesial-Distal

Gracey  
 WD-206-102-SD  
 WD-206-102-HH  
 Fig. 12/13  
 Mesial-Distal

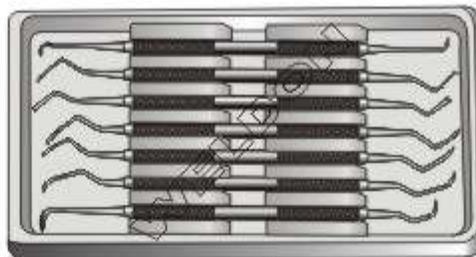
De Marco  
 WD-206-103-SD  
 WD-206-103-HH  
 Fig. 1

De Marco  
 WD-206-104-SD  
 WD-206-104-HH  
 Fig. 2

Indiana University  
 WD-206-105-SD  
 WD-206-105-HH  
 Fig. 13/14  
 Anterior

Indiana University  
 WD-206-106-SD  
 WD-206-106-HH  
 Fig. 17/18  
 Posterior

Curettes & Scalers



WD-207-114-SD  
WD-207-114-HH  
Set Of 7 Pieces



Goldman-Fox  
WD-207-107-SD  
WD-207-107-HH  
Fig. 1

Goldman-Fox  
WD-207-108-SD  
WD-207-108-HH  
Fig. 2

Goldman-Fox  
WD-207-109-SD  
WD-207-109-HH  
Fig. 3

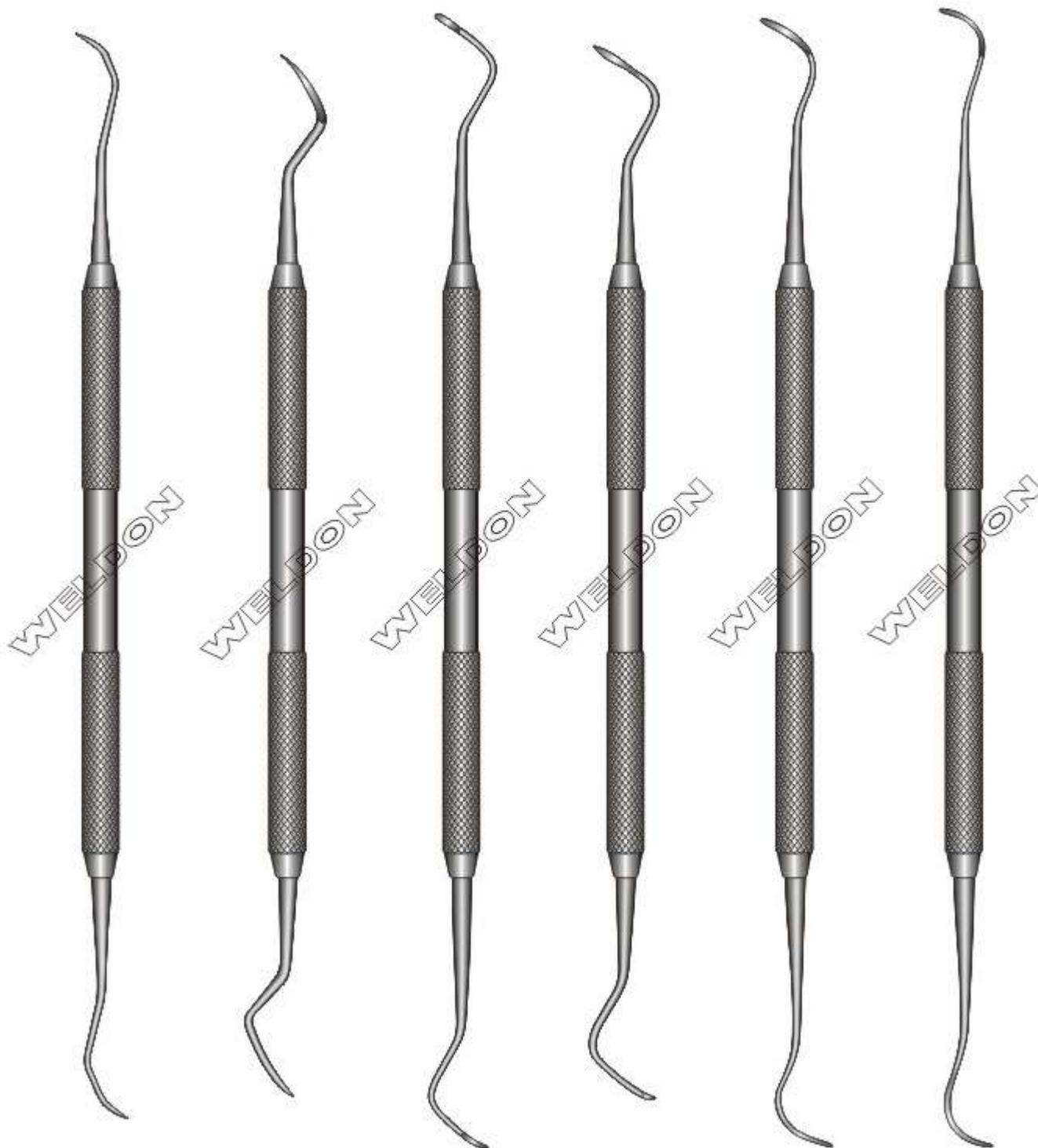
Goldman-Fox  
WD-207-110-SD  
WD-207-110-HH  
Fig. 4

Goldman-Fox  
WD-207-111-SD  
WD-207-111-HH  
Fig. 5

Goldman-Fox  
WD-207-112-SD  
WD-207-112-HH  
Fig. 6

Goldman-Fox  
WD-207-113-SD  
WD-207-113-HH  
Fig. 21

Curettes & Scalers



Mc Call  
WD-208-115-SD  
WD-208-115-HH  
Fig. 11/12

Mc Call  
WD-208-116-SD  
WD-208-116-HH  
Fig. 11A/12A

Mc Call  
WD-208-117-SD  
WD-208-117-HH  
Fig. 13/14

Mc Call  
WD-208-118-SD  
WD-208-118-HH  
Fig. 13S/14S

Mc Call  
WD-208-119-SD  
WD-208-119-HH  
Fig. 17S/18S

Mc Call  
WD-208-120--SD  
WD-208-120-HH  
Fig. 19/20

Curettes & Scalers



Taylor  
WD-209-121-SD  
WD-209-121-HH  
Fig. 2/3

WD-209-122-SD  
WD-209-122-HH  
Fig. 204

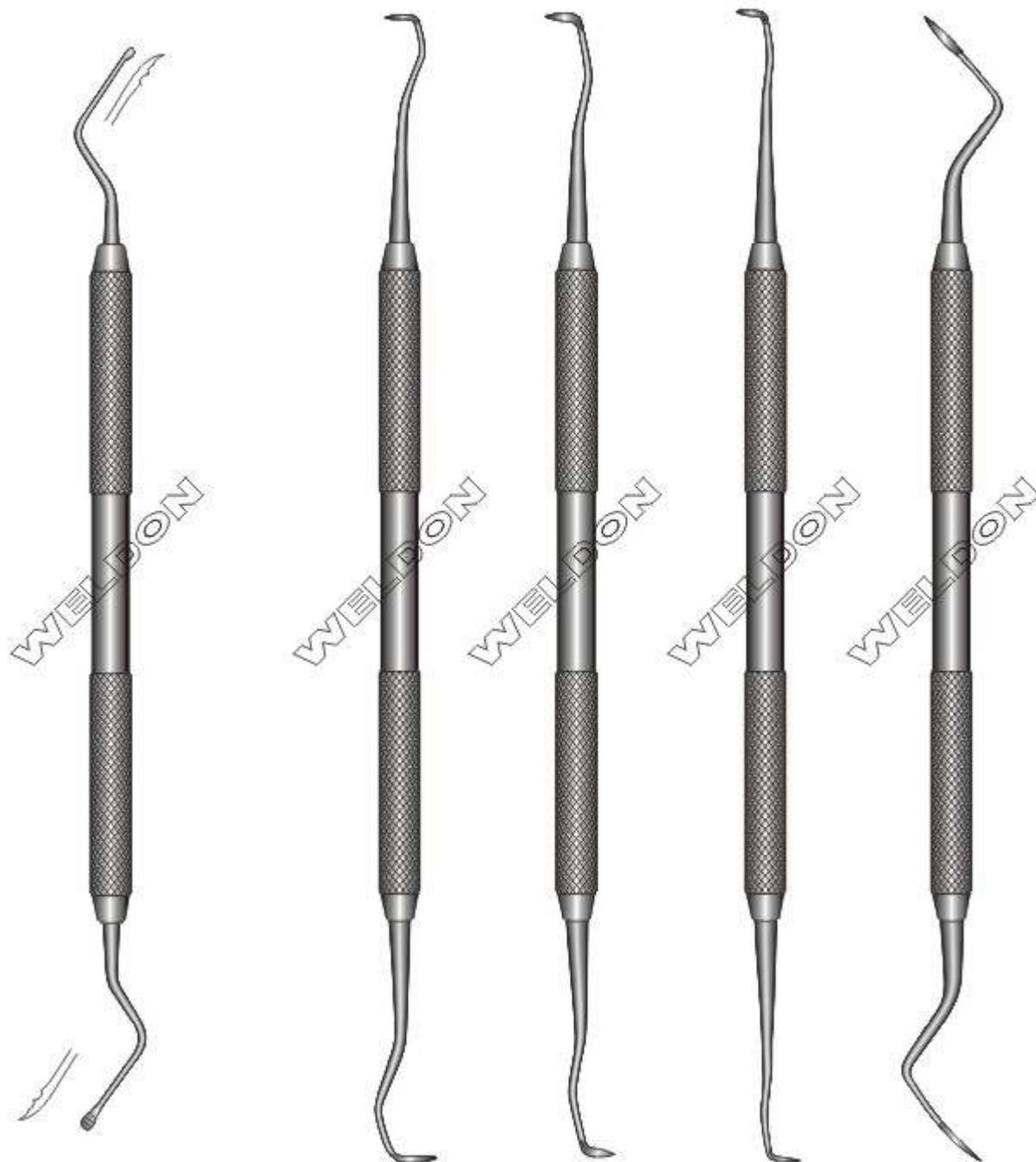
WD-209-123-SD  
WD-209-123-HH  
Fig. 204S

WD-209-124-SD  
WD-209-124-HH  
Fig. 2/3

Crane-Kaplan  
WD-209-125-SD  
WD-209-125-HH  
Fig. 6

Younger-Good  
WD-209-126-SD  
WD-209-126-HH  
Fig. 7/8

Curettes & Scalers



Hirschfeld  
WD-210-127-SD  
WD-210-127-HH  
Fig. 3/7  
File

Jaquette  
WD-210-128-SD  
WD-210-128-HH  
Fig. 30/33

Jaquette  
WD-210-129-SD  
WD-210-129-HH  
Fig. 31/32

Jaquette  
WD-210-130-SD  
WD-210-130-HH  
Fig. 34/35

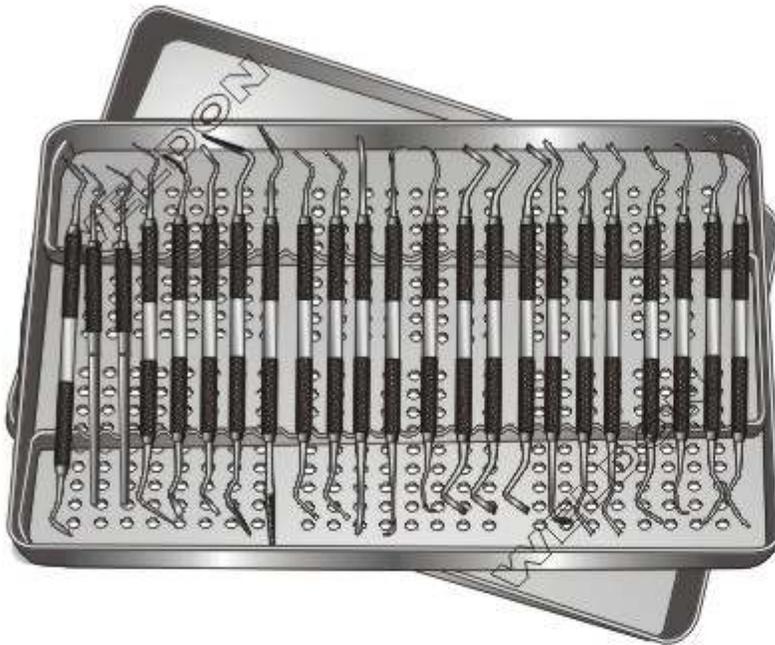
Jaquette  
WD-210-131-SD  
WD-210-131-HH  
Fig. 37/38



WD-211-132  
Periodontal Instrument Set

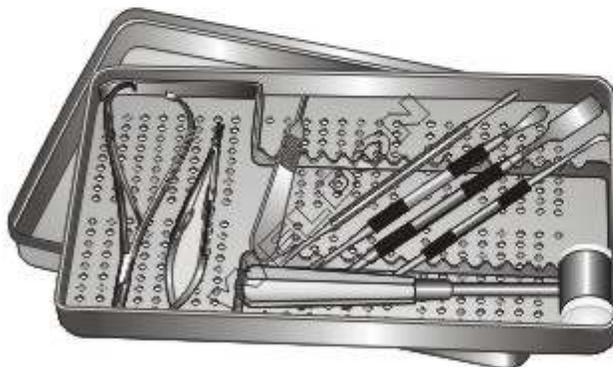
**Contents**

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- Kirkland Gingivectomy Knife Fig. 15K/16K
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- Goldman-Fox Periodontal Pocket Maker-Right Side
- Goldman-Fox Periodontal Pocket Maker-Left Side


**WD-212-133**  
 Periodontal Set

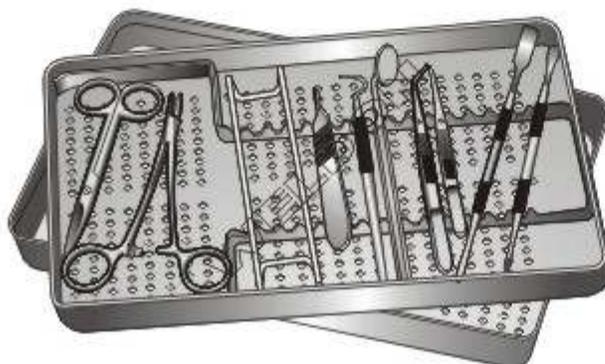
**Contents**

- Instrument Tray
- Ochsenbein
- Rhodes Back-Action
- Knife Kirkland
- Knife Buck
- Knife Goldman-Fox
- Knife Sanders
- Curette Langer
- Scaler Bernhart
- Scaler Rule
- Scaler De Marco
- Scaler Goldman-Fox
- Curette Mccall
- Curette Taylor
- Curette Jaquette
- Scaler Towner Jaquette
- File Hirschfeld
- File Sugarmann
- File Buck
- Chisel
- De Marco


**WD-212-134**  
 Periodontal Set

**Content**

- Periosteals Molt
- Periosteals Prichard
- Periosteals Goldman-Fox
- Knives Kirkland
- Mallet-Mead
- Needle Holder Castroviejo
- Needle Holder Mathieu
- Scalpel Handle
- Instrument Tray


**WD-212-135**  
 Periodontal Set

**Content**

- Scalpel Handle
- Scalpel Blades (100 Pcs)
- Retractor Sternberg
- Scissor Goldman-Fox
- Periosteals Molt
- Periosteals Prichard
- Needle Holder Crile Wood
- Tissue Plier Semken Taylor
- Explorer
- Handle
- Mouth Mirror
- Instrument Tray



Towner  
WD-213-001-SD  
WD-213-001-HH  
Fig. U15

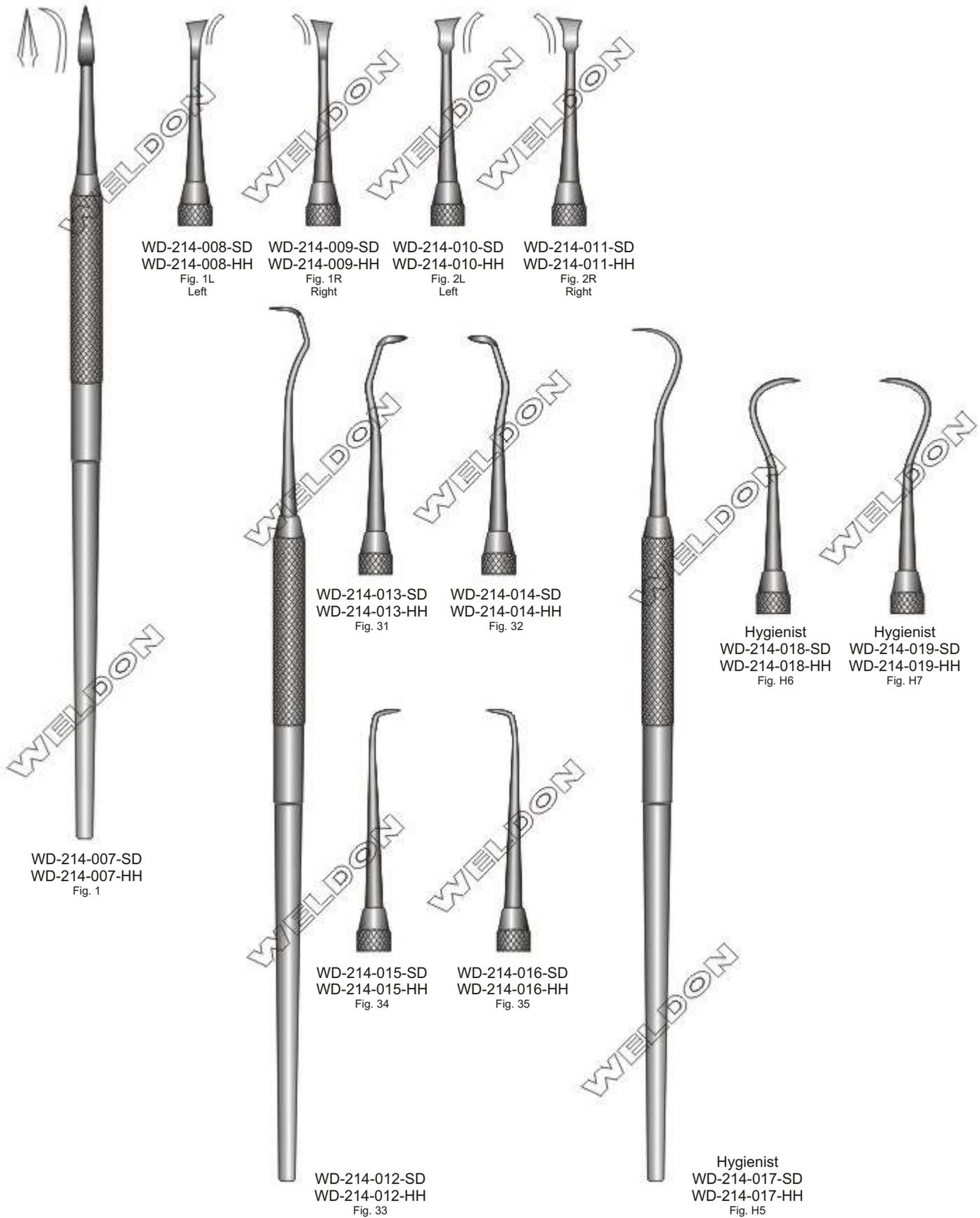
Towner Jaquette  
WD-213-002-SD  
WD-213-002-HH  
Fig. U15/33

Towner Jaquette  
WD-213-003-SD  
WD-213-003-HH  
Fig. U15/30

WD-213-004-SD  
WD-213-004-HH  
Fig. H5/33

WD-213-005-SD  
WD-213-005-HH  
Fig. H6/H7

WD-213-006-SD  
WD-213-006-HH  
Fig. 1/2





Hygienist  
WD-214-024  
Fig. 4



Black  
WD-214-028  
Fig. 3



Black  
WD-214-032  
Fig. 4



WD-214-020



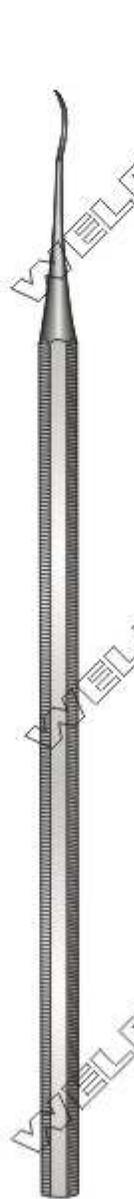
WD-214-021



WD-214-022



Zerfing  
WD-214-023



Hygienist  
WD-214-025  
Fig. 5



Hygienist  
WD-214-026  
Fig. 8



Black  
WD-214-029  
Fig. 7



Black  
WD-214-030  
Fig. 9



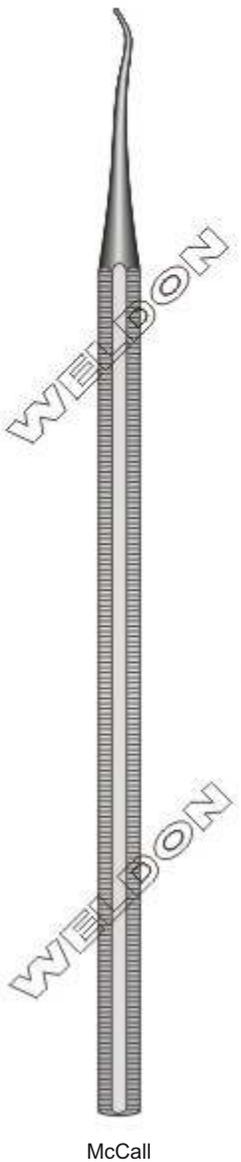
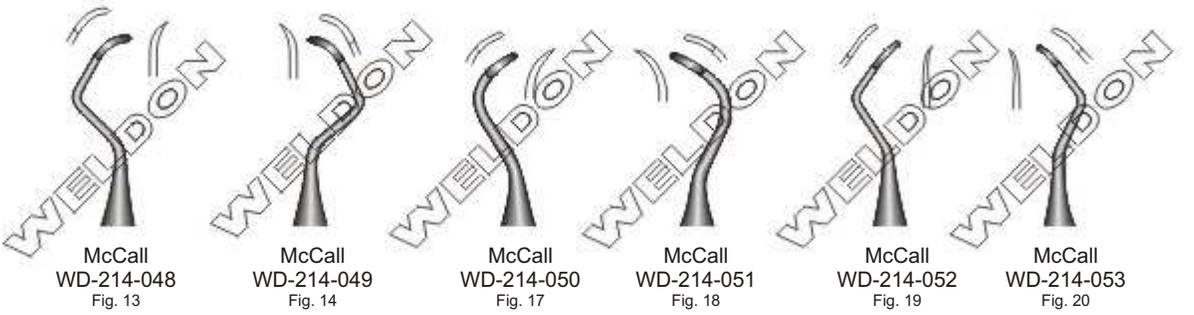
Black  
WD-214-033  
Fig. 8



Black  
WD-214-034  
Fig. 10



Black  
WD-214-035  
Fig. 12





Polokoff  
WD-215-001  
Fig. 1

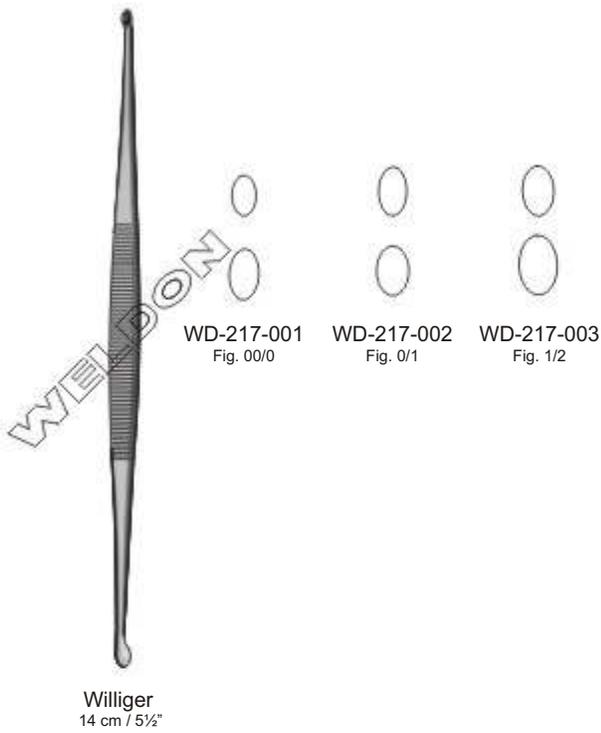
WD-215-002  
Fig. 33

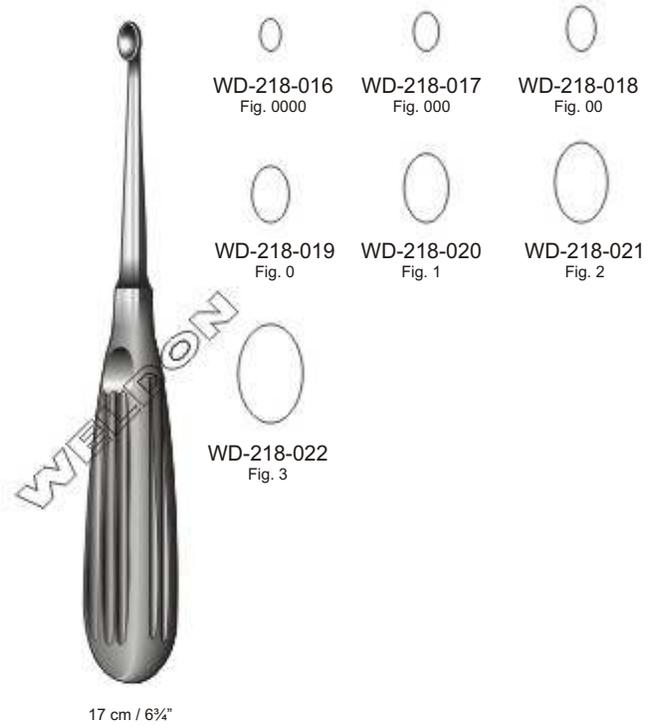
Miller  
WD-215-003  
Fig. 64

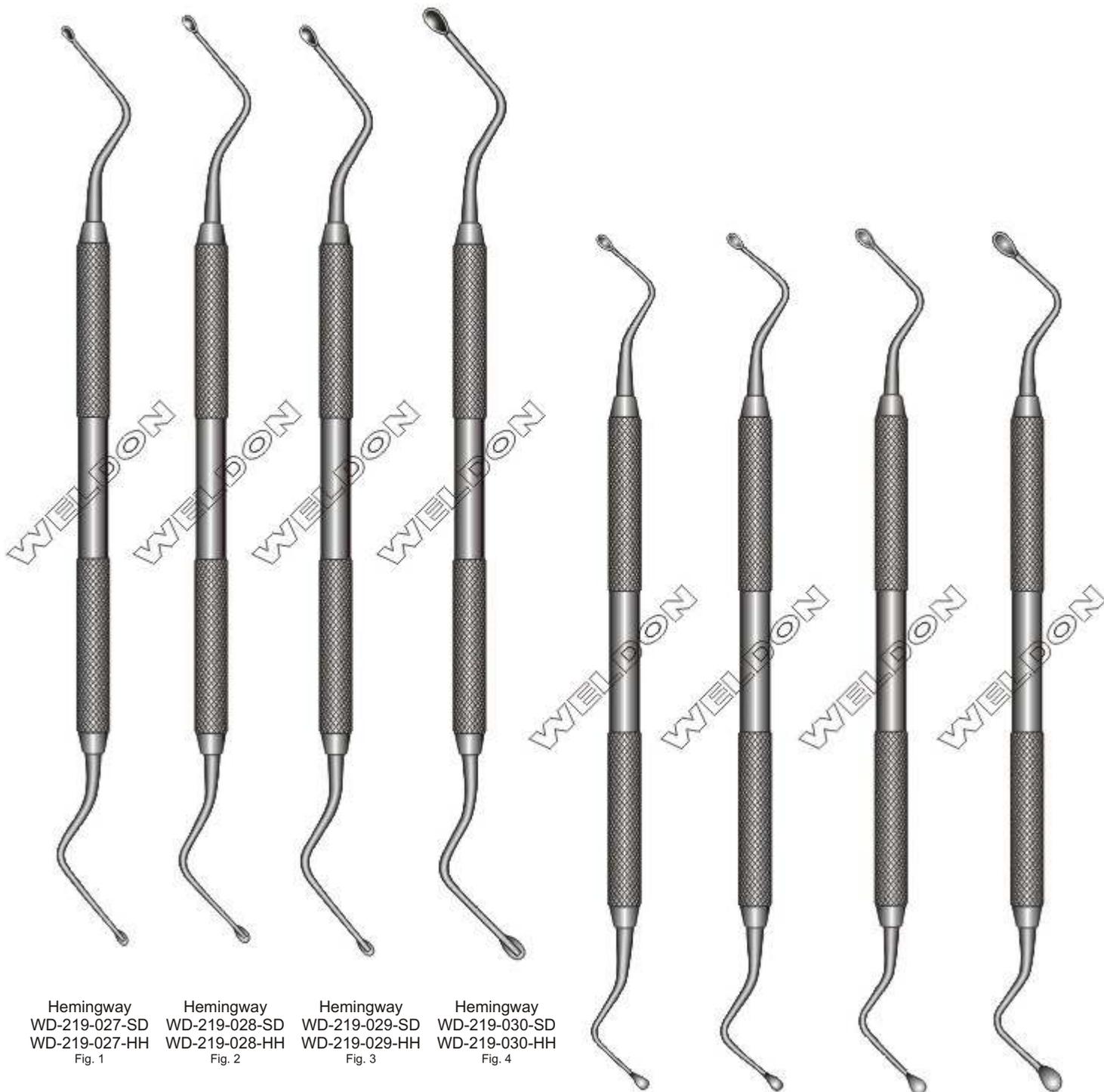
Miller  
WD-215-004  
Fig. 45

WD-215-005  
Fig. 10









Hemingway  
WD-219-027-SD  
WD-219-027-HH  
Fig. 1

Hemingway  
WD-219-028-SD  
WD-219-028-HH  
Fig. 2

Hemingway  
WD-219-029-SD  
WD-219-029-HH  
Fig. 3

Hemingway  
WD-219-030-SD  
WD-219-030-HH  
Fig. 4

Lucas  
WD-219-031-SD  
WD-219-031-HH  
Fig. 85

Lucas  
WD-219-032-SD  
WD-219-032-HH  
Fig. 86

Lucas  
WD-219-033-SD  
WD-219-033-HH  
Fig. 87

Lucas  
WD-219-034-SD  
WD-219-034-HH  
Fig. 88



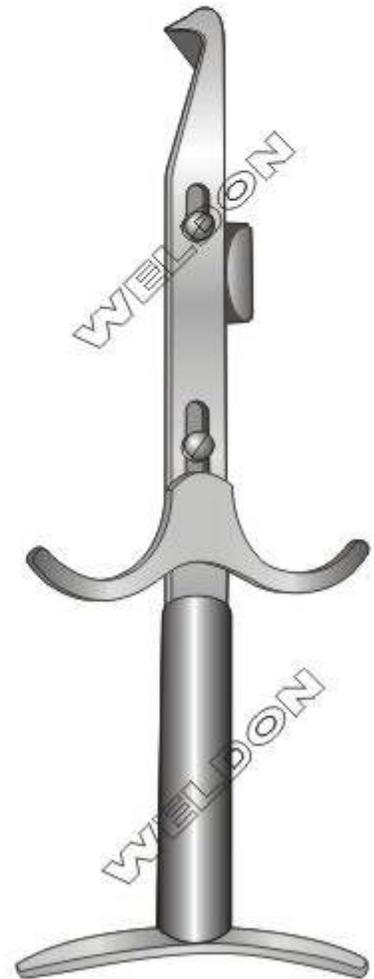
WD-220-002

WD-220-003

WD-220-004

Attachments

WD-220-001  
Crown Remover, Handle Only  
WD-220-005  
Complete Set With 3 Attachments



WD-220-006  
Crown Spreader, Crown Remover.  
Special Instrument For Crown Spreading  
After Separating, Simple & Safe Handling.





Montfort  
WD-222-012  
18 cm / 7 1/8"  
Crown Slitter



WD-222-013  
Spare Knife, Only



Furrer Mod  
WD-222-014  
16 cm / 6 1/4"  
Curved  
Copper Ring Removing Pliers



Furrer Mod  
WD-222-015  
16 cm / 6 1/4"  
Curved With Spreading Spring



Furrer  
WD-222-016  
16 cm / 6 1/4"  
Straight



WD-223-018  
Fig. 1



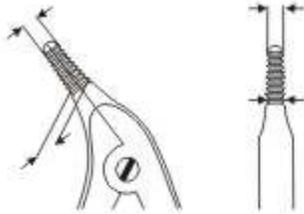
WD-223-019  
Fig. 2



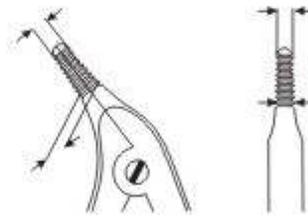
Universal  
WD-223-020  
Fig. 3



WD-223-017  
Fig. 0  
Crown Spreaders



a	b	c	d
4.4	5.0	3.4	3.8 mm



a	b	c	d
3.3	4.0	2.3	3.0 mm



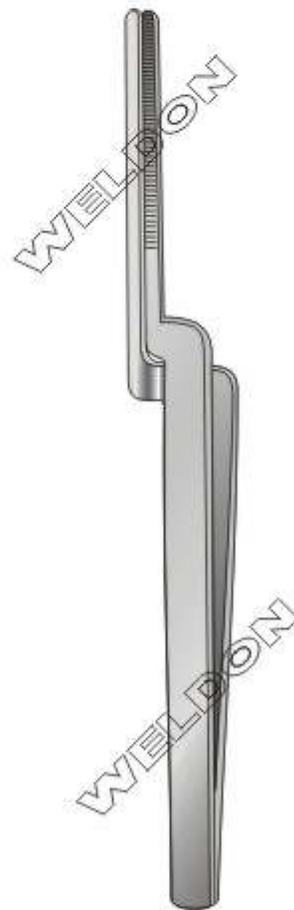
**Böhm**  
**WD-224-021**  
 14.5 cm / 5 3/4"  
 Telescope Crown Pliers



**Böhm**  
**WD-224-022**  
 11.5 cm / 4 1/2"



WD-225-023  
15 cm / 6"  
Paper Forceps



Miller  
WD-225-024  
15 cm / 6"  
Paper Forceps



Ivory 8  
 WD-226-001 5 mm  
 Fig. 5  
 WD-226-002 6 mm  
 Fig. 6  
 WD-226-003 7 mm  
 Fig. 7



Ivory 8 N  
 WD-226-004



Didner 8 P  
 WD-226-005  
 Adjustable



Tofflemire-Universal  
 WD-226-006  
 Fig. 1

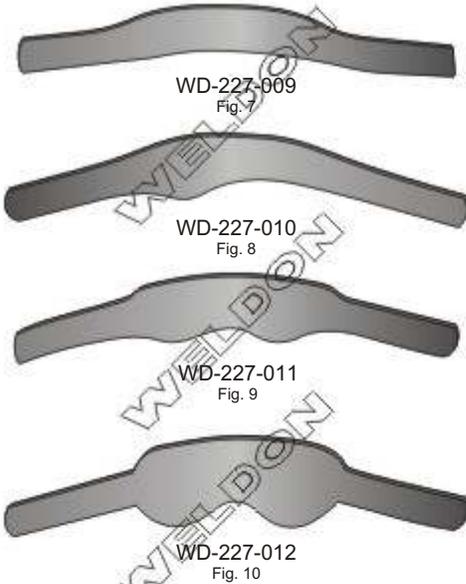


Tofflemire-Junior  
 WD-226-007  
 Fig. 2

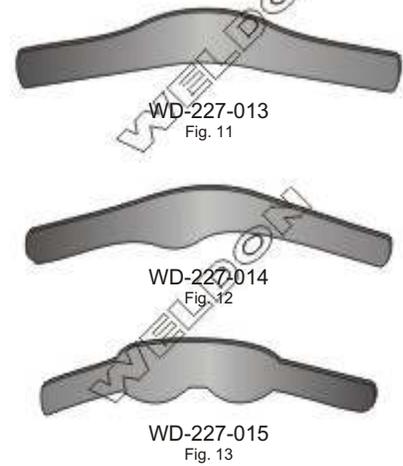


Tofflemire-Senior  
 WD-226-008  
 Fig. 3

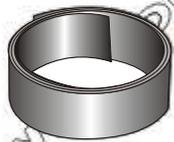
For Molars



For Molars & Premolars



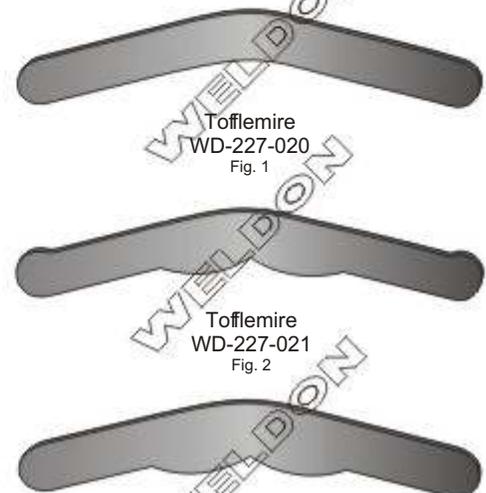
Standard Package = 1 Dozen



WD-227-016 5 mm x 100 cm  
WD-227-017 6 mm x 100 cm  
WD-227-018 7 mm x 100 cm  
For Matrix Retainers



Tofflemire  
WD-227-019  
Assorted In Dozen Package



Standard Package = 1 Dozen



WD-228-001  
18 cm / 7<sup>1</sup>/<sub>8</sub>"  
Suction Tubes  
Small



WD-228-002  
18 cm / 7<sup>1</sup>/<sub>8</sub>"  
Suction Tubes  
Medium



WD-228-003  
18 cm / 7<sup>1</sup>/<sub>8</sub>"  
Suction Tubes  
Large



Frazier  
WD-228-004  
15 cm / 6"  
Fr. 6



Frazier  
WD-228-005  
15 cm / 6"  
Fr. 8



Frazier  
WD-228-006  
15 cm / 6"  
Fr. 10



Frazier  
WD-228-007  
15 cm / 6"  
Fr. 12



WD-229-008



WD-229-009



WD-229-010



WD-229-012  
Autoclavable Adaptor

WD-229-011  
Aspirator Tips Specially  
Shaped For Surgical Use.  
Autoclavable

Disposable Saliva Ejectors With Metal Wire, Smooth Edges, Will Not Aspirate Tissue, Flexible, Comfortable, Bonded & Non Bonded Tip.



WD-230-001  
Perforated Instrument Tray Complete with Insert Frame For 16 Instruments

WD-230-002  
Lid Perforated: Dimensions. 288 x 187 x 29 mm

WD-230-003  
Perforated Base: Dimensions. 284 x 183 x 17 mm

WD-230-004  
Perforated Instrument Tray Complete with Insert Frame For 23 Instruments.



WD-230-005  
Instrument Tray Complete with Perforated Base, Lid  
& Insert Frame For 16 Instruments

WD-230-006  
Lid: Dimensions. 288 x 187 x 29 mm

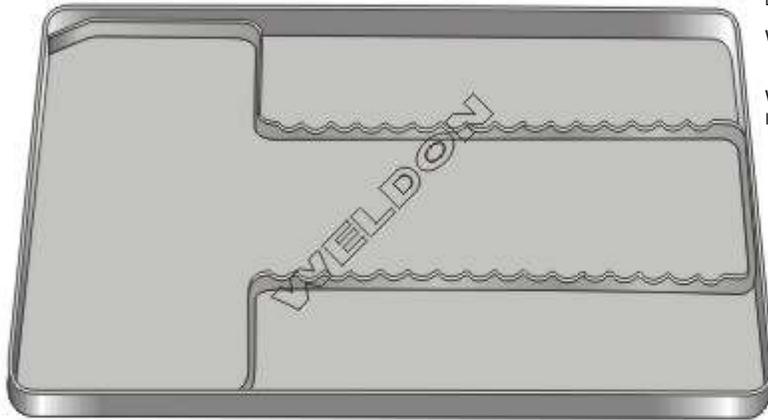
WD-230-003  
Perforated Base. Dimensions: 284 x 183 x 17 mm

WD-230-007  
Instrument Tray Complete with Perforated Base, Lid  
& Insert Frame For 23 Instruments



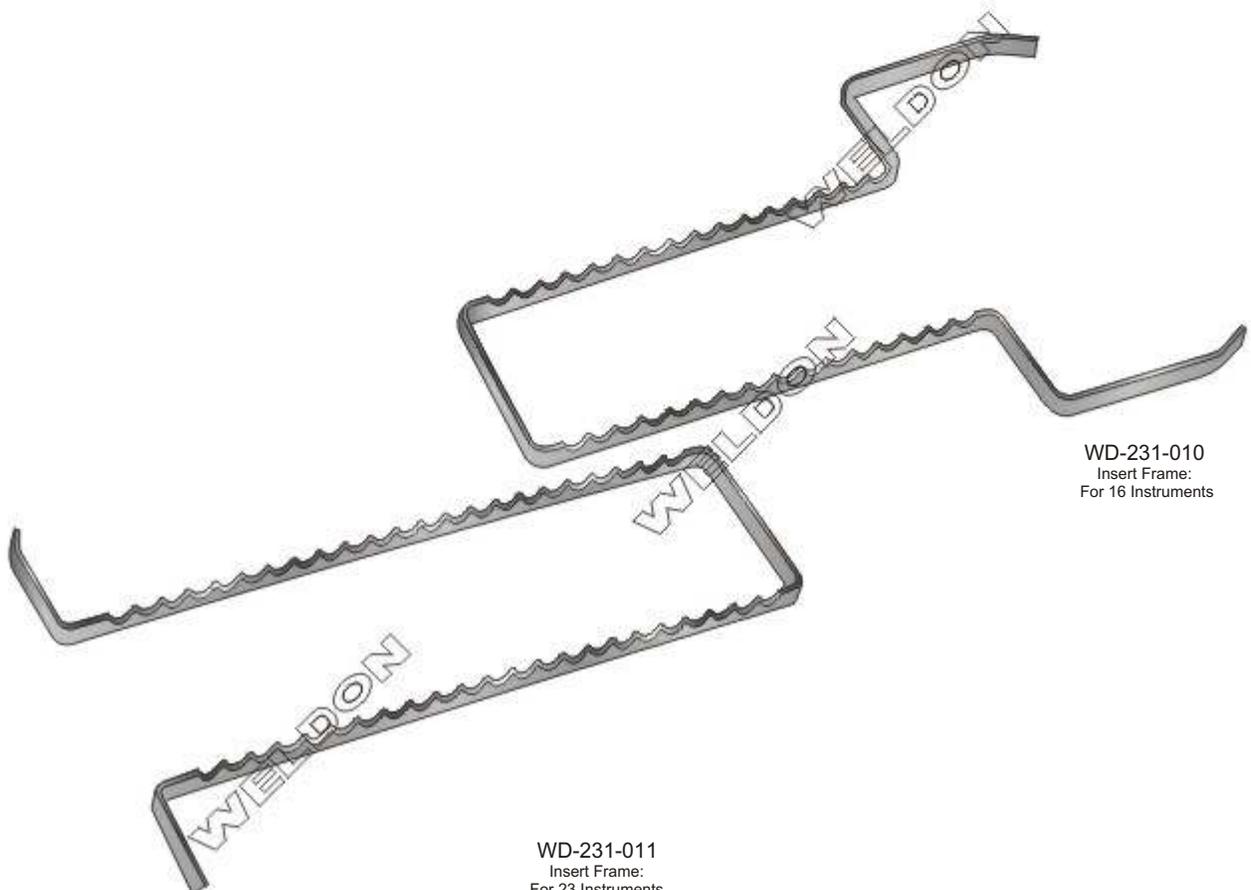
WD-231-008  
Instrument Tray Complete with Base, Lid & Insert  
Frame For 16 Instruments

WD-231-008L  
Lid: Dimensions. 288 x 187 x 29 mm



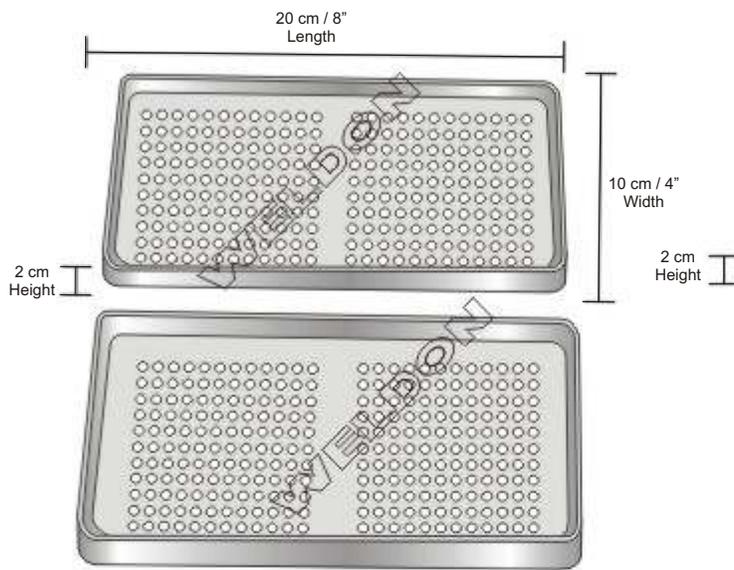
WD-231-008B  
Base: Dimensions. 284 x 183 x 17 mm

WD-231-009  
Instrument Tray Complete With Base, Lid & Insert Frame For 23 Instruments



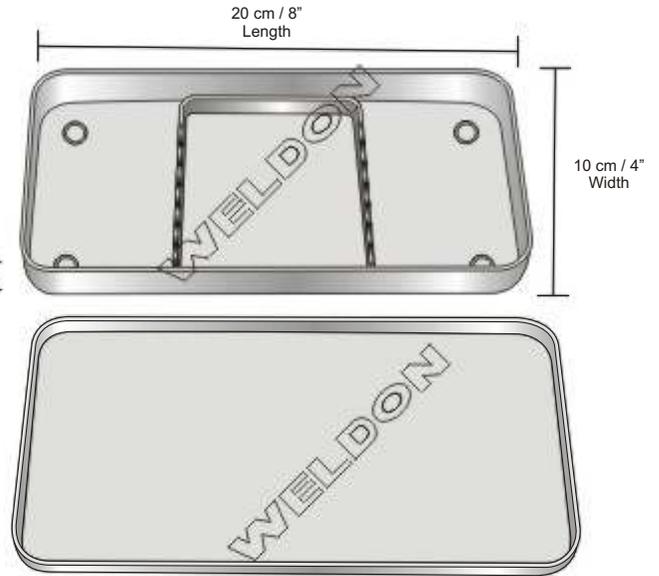
WD-231-010  
Insert Frame:  
For 16 Instruments

WD-231-011  
Insert Frame:  
For 23 Instruments



**WD-232-012**  
Instrument Tray Complete with Base, Lid & Insert Frame

Lid : WD-232-013  
Base : WD-232-014  
Insert Frame : WD-232-015



**WD-232-016**  
Instrument Tray Complete with Base, Lid & Insert Frame

Lid : WD-232-017  
Base : WD-232-018  
Insert Frame : WD-232-015



**WD-232-019**  
Instrument Tray Complete with Base, Lid & Insert Frame

Lid : WD-232-020  
Base : WD-232-021  
Insert Frame : WD-232-022



WD-233-001  
Lid-Dimensions. 204 x 105 x 54 mm



WD-233-002  
Lid-Dimensions. 204 x 105 x 54 mm



WD-233-003  
Lid-Dimensions. 204 x 105 x 54 mm



WD-233-004  
Lid-Dimensions. 204 x 105 x 54 mm



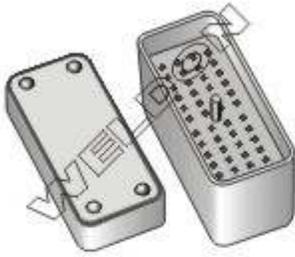
WD-233-005  
Aluminium Endodontic MAXI Boxes, Complete With  
Lid-Dimensions. 204 x 105 x 54 mm



WD-233-006  
Lid-Dimensions. 125 x 105 x 54 mm



WD-233-007  
Aluminium Endodontic MIDI Boxes, Complete With  
Lid-Dimensions. 125 x 105 x 54 mm



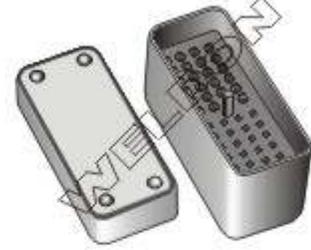
**WD-234-008**  
Dimensions. 104 x 44 x 54 mm



**WD-234-009**  
Dimensions. 104 x 44 x 54 mm



**WD-234-010**  
Dimensions. 104 x 44 x 54 mm



**WD-234-011**  
Dimensions. 104 x 44 x 54 mm



**WD-234-012**  
Dimensions. 104 x 44 x 54 mm



**WD-234-013**  
Dimensions. 104 x 44 x 54 mm



**WD-234-014**  
Dimensions. 104 x 44 x 54 mm

Aluminium Endodontic MINI Boxes, Complete With Lid-  
Dimensions. 104 x 44 x 54 mm



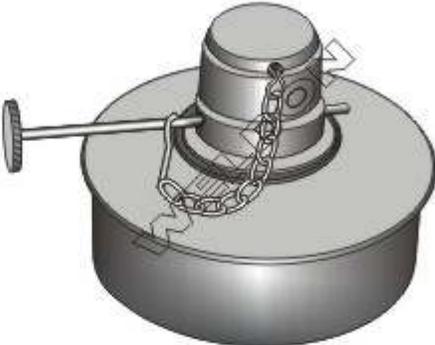
**WD-234-015**  
Round Aluminium Endodontic Boxes, Complete With Lid  
Diameter = 48 mm  
Height = 62 mm



**WD-234-016**  
Round Aluminium Endodontic Boxes, Complete With Lid  
Diameter = 94 mm  
Height = 70 mm



Spirit Lamp  
WD-235-017  
120 ccm



Spirit Lamp  
WD-235-018  
120 ccm



WD-235-021  
15 cm / 6"  
Spare Wick



Spirit Lamp  
WD-235-019  
120 ccm



WD-235-020  
Alcohol Burner



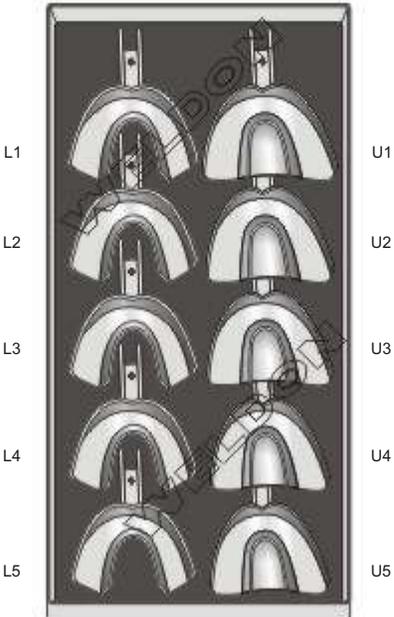
WD-236-022  
30 cm / 11¾"



WD-236-023  
20 cm / 8"

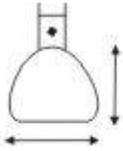


Stainless Steel Water-Cooled Impression Trays With Retention Rim.



WD-237-001  
MAXI Set Of 10 Pieces

Dimension : a x b mm


**WD-238-002**  
 68 x 52 mm  
 U5, S

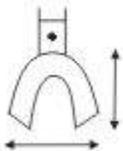
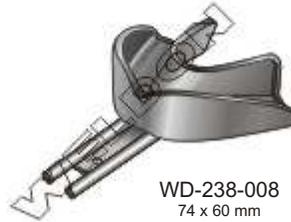
**WD-238-003**  
 69 x 54 mm  
 U4, NM

**WD-238-004**  
 73 x 53 mm  
 U3, M

**WD-238-005**  
 75 x 60 mm  
 U2, L

**WD-238-006**  
 83 x 62 mm  
 U1, XL

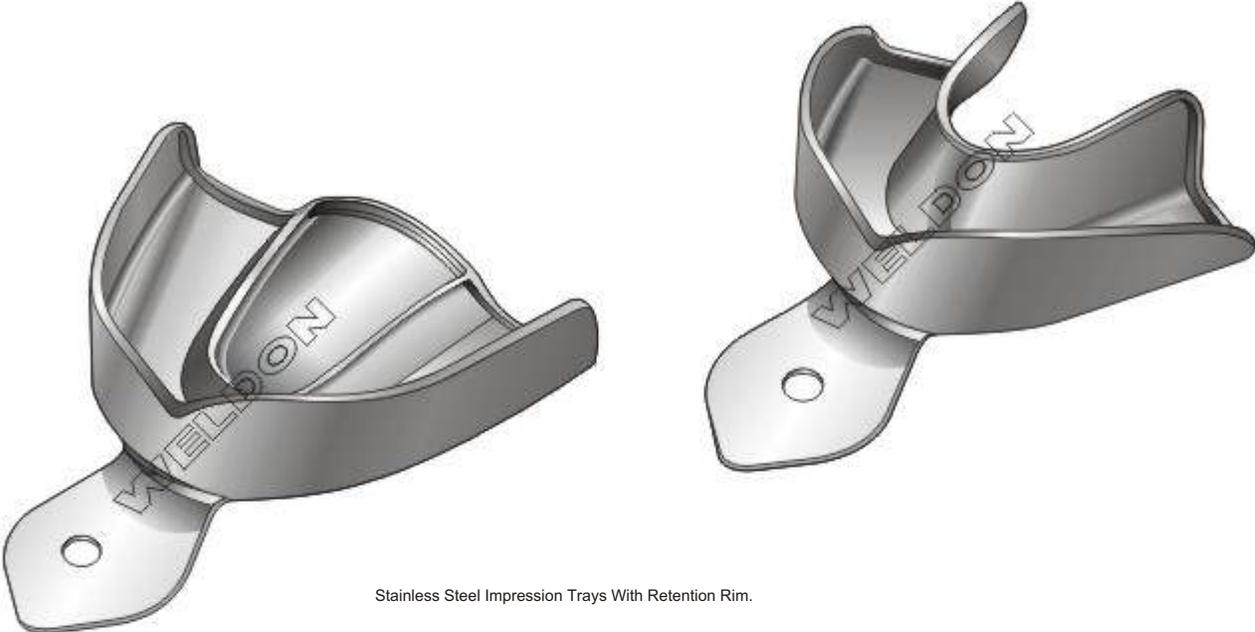
Dimension : a x b mm


**WD-238-007**  
 71 x 53 mm  
 L5, S

**WD-238-008**  
 74 x 60 mm  
 L4, NM

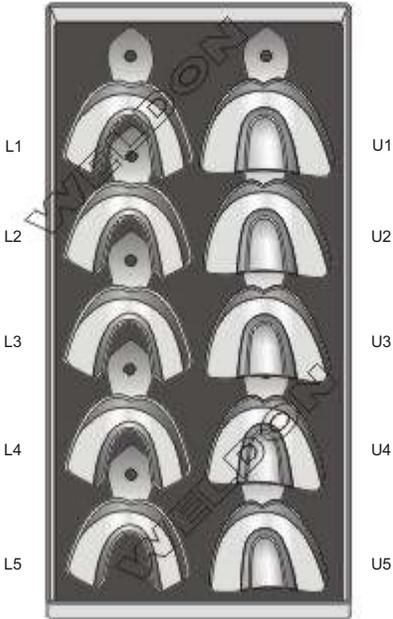
**WD-238-009**  
 78 x 57 mm  
 L3, M

**WD-238-010**  
 81 x 61 mm  
 L2, L

**WD-238-011**  
 82 x 63 mm  
 L1, XL

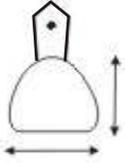


Stainless Steel Impression Trays With Retention Rim.



WD-239-012  
MAXI Set Of 10 Pieces

Dimension : a x b mm


**WD-240-013**  
 65 x 51 mm  
 U5, S

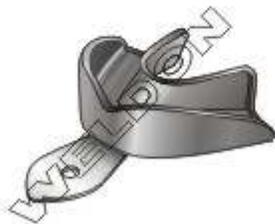
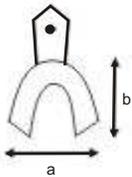
**WD-240-014**  
 67 x 53 mm  
 U4, NM

**WD-240-015**  
 71 x 55 mm  
 U3, M

**WD-240-016**  
 74 x 60 mm  
 U2, L

**WD-240-017**  
 81 x 63 mm  
 U1, XL

Dimension : a x b mm


**WD-240-018**  
 69 x 50 mm  
 L5, S

**WD-240-019**  
 72 x 57 mm  
 L4, NM

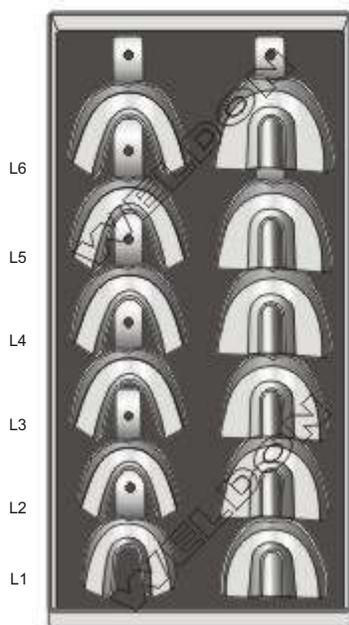
**WD-240-020**  
 76 x 57 mm  
 L3, M

**WD-240-021**  
 78 x 59 mm  
 L2, L

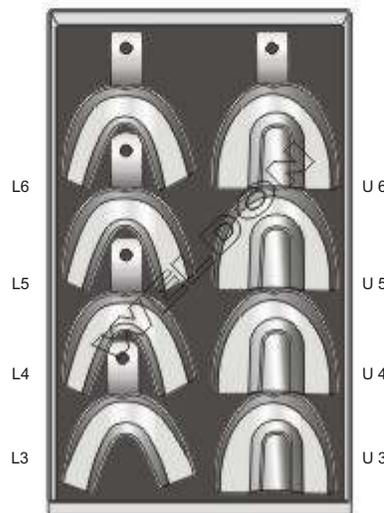
**WD-240-022**  
 80 x 63 mm  
 L1, XL



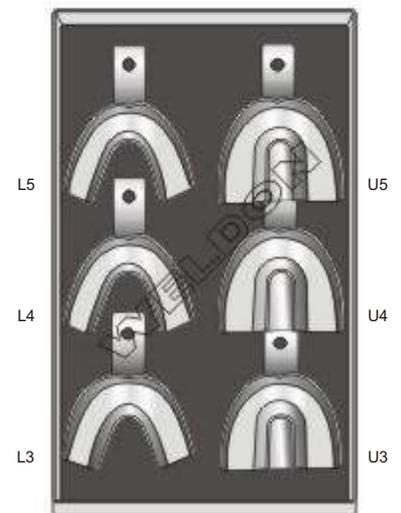
Stainless Steel Impression Trays With Retention Rim.



WD-241-023  
MAXI Set Of 12 Pieces

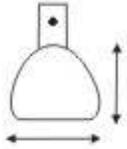


WD-241-024  
MIDI Set Of 8 Pieces



WD-241-025  
MINI Set Of 6 Pieces

Dimension : a x b mm


**WD-242-026**  
 61 x 47 mm  
 U1, XXS

**WD-242-027**  
 64 x 51 mm  
 U2, XS

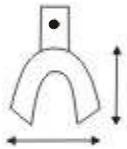
**WD-242-028**  
 66 x 53 mm  
 U3, S

**WD-242-029**  
 69 x 57 mm  
 U4, M

**WD-242-030**  
 71 x 60 mm  
 U5, L

**WD-242-031**  
 73 x 62 mm  
 U6, XL

Dimension : a x b mm


**WD-242-032**  
 55 x 47 mm  
 L1, XXS

**WD-242-033**  
 60 x 49 mm  
 L2, XS

**WD-242-034**  
 72 x 54 mm  
 L3, S

**WD-242-035**  
 75 x 57 mm  
 L4, M

**WD-242-036**  
 76 x 59 mm  
 L5, L

**WD-242-037**  
 78 x 61 mm  
 L6, XL

Impression Trays For Crown &amp; Bridge-Work.


**WD-242-038**  
 U1P

**WD-242-039**  
 L2D

**WD-242-040**  
 L4D

**WD-242-041**  
 L6D

**WD-242-042**  
 L1P

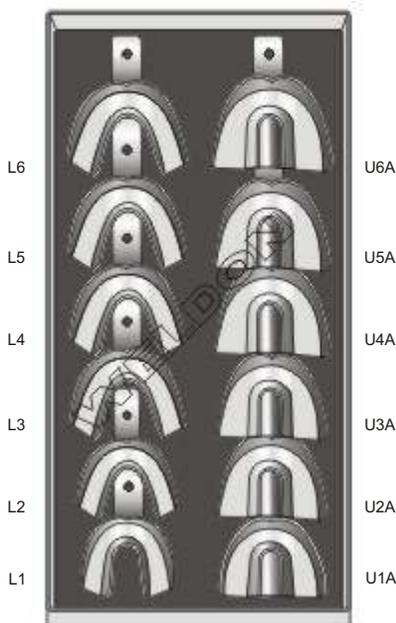
**WD-242-043**  
 L2S

**WD-242-044**  
 L4S

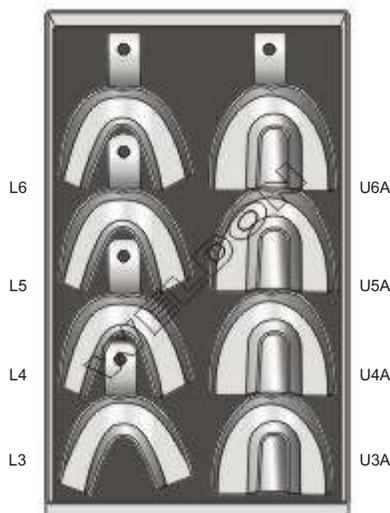
**WD-242-045**  
 L6S



Solid Stainless Steel Impression Trays With Retention Rim.



WD-243-046  
MAXI Set Of 12 Pieces

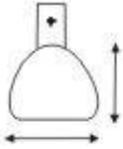


WD-243-047  
MIDI Set Of 8 Pieces



WD-243-048  
MINI Set Of 6 Pieces

Dimension : a x b mm


**WD-244-049**  
 61 x 47 mm  
 U1A , XXS

**WD-244-050**  
 64 x 51 mm  
 U2 A , XS

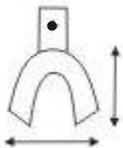
**WD-244-051**  
 66 x 53 mm  
 U3A , S

**WD-244-052**  
 69 x 57 mm  
 U4A , M

**WD-244-053**  
 71 x 60 mm  
 U5A , L

**WD-244-054**  
 73 x 62 mm  
 U6A , XL

Dimension : a x b mm


**WD-244-055**  
 55 x 47 mm  
 L1, XXS

**WD-244-056**  
 60 x 49 mm  
 L2, XS

**WD-244-057**  
 72 x 54 mm  
 L3, S

**WD-244-058**  
 74 x 57 mm  
 L4, M

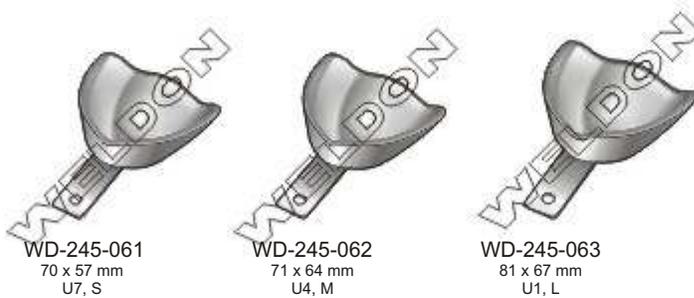
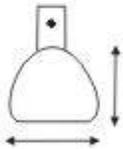
**WD-244-059**  
 76 x 59 mm  
 L5, L

**WD-244-060**  
 78 x 61 mm  
 L6, XL

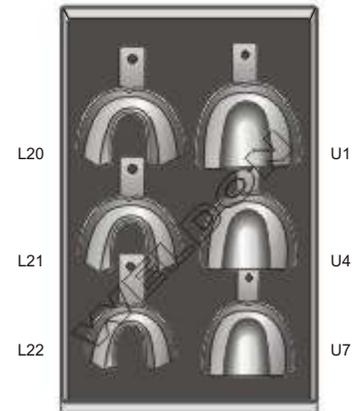
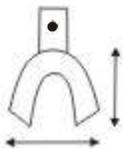


Solid Stainless Steel Depressed Anterior Impression Trays With Retention Rim.

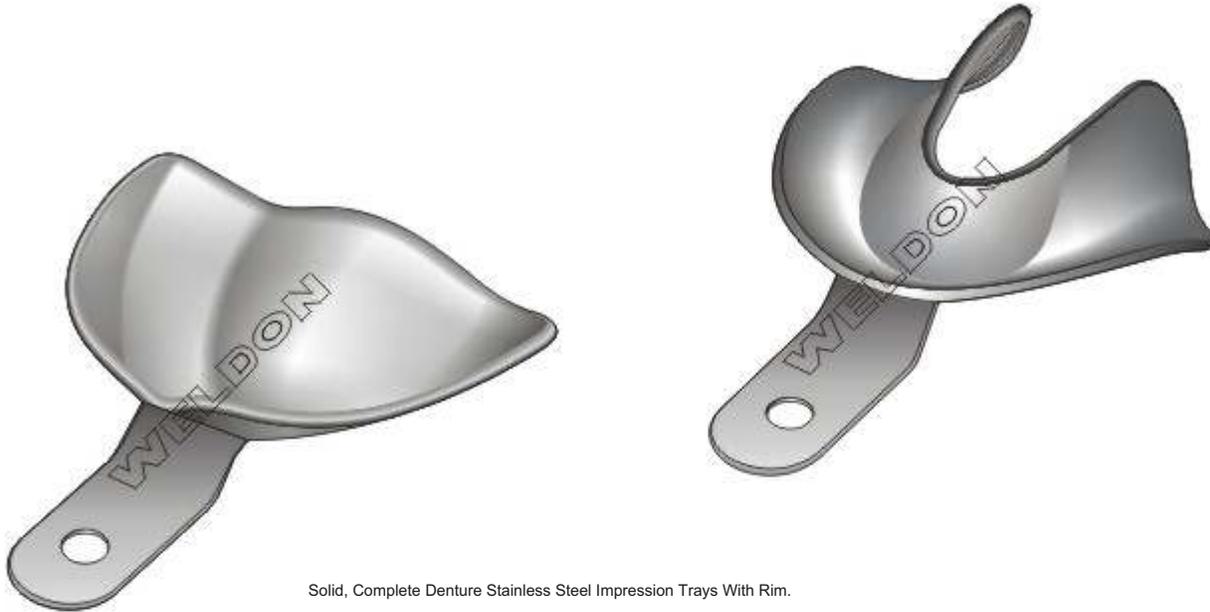
Dimension : a x b mm



Dimension : a x b mm

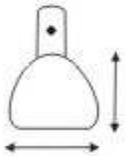


WD-245-067  
MINI Set Of 6 Pieces



Solid, Complete Denture Stainless Steel Impression Trays With Rim.

Dimension : a x b mm

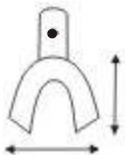

**WD-246-068**  
 73 x 60 mm  
 U64, S

**WD-246-069**  
 70 x 64 mm  
 U63, NM

**WD-246-070**  
 76 x 67 mm  
 U62, M

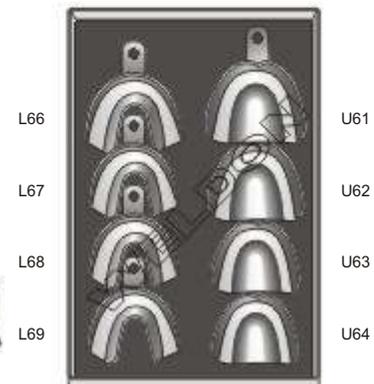
**WD-246-071**  
 79 x 70 mm  
 U61, L

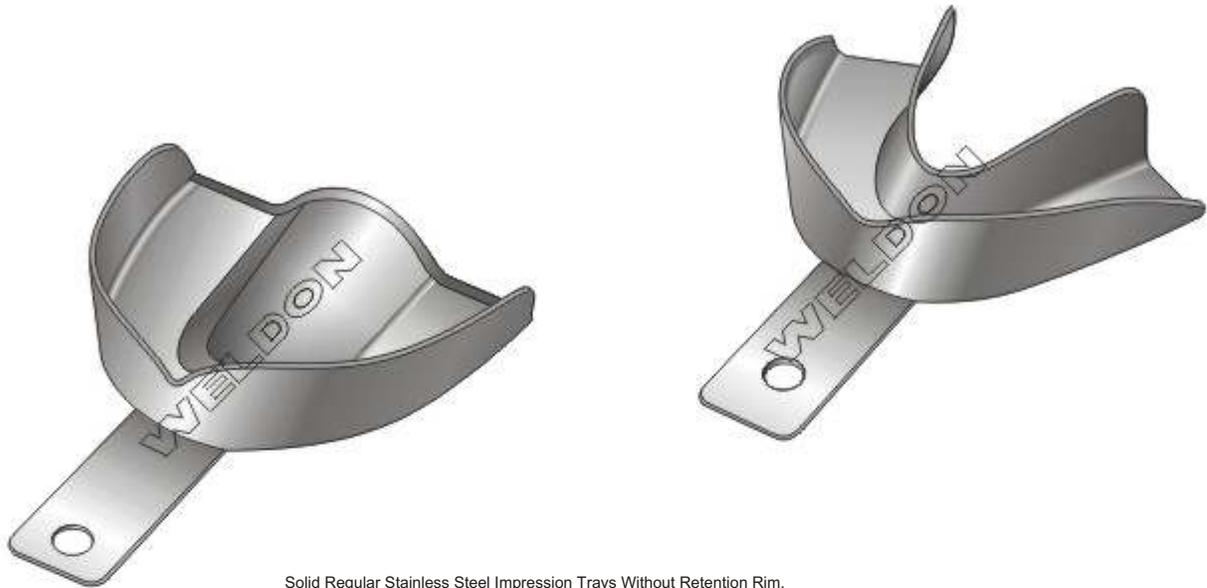
Dimension : a x b mm


**WD-246-072**  
 70 x 57 mm  
 L69, S

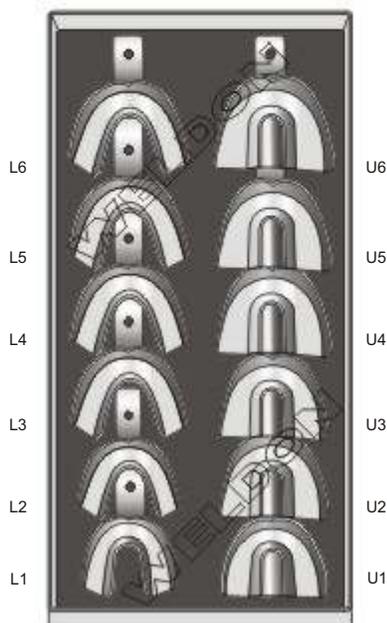
**WD-246-073**  
 73 x 60 mm  
 L68, M

**WD-246-074**  
 70 x 64 mm  
 L67, NL

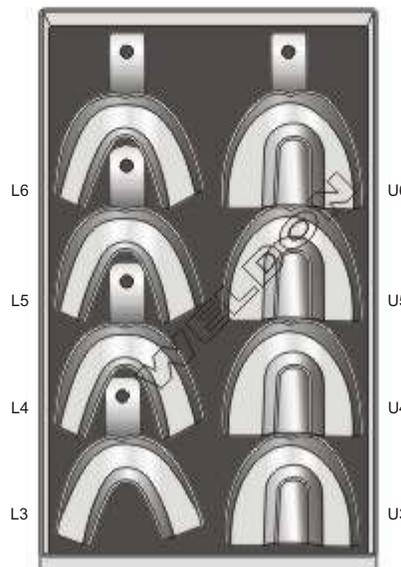
**WD-246-075**  
 86 x 64 mm  
 L66, L

**WD-246-076**  
 MIDI Set of 8 pieces



Solid Regular Stainless Steel Impression Trays Without Retention Rim.



WD-247-077  
MAXI Set Of 12 Pieces

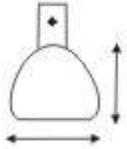


WD-247-078  
MIDI Set Of 8 Pieces



WD-247-079  
MINI Set Of 6 Pieces

Dimension : a x b mm


**WD-248-080**  
 61 X 47 mm  
 U1, XXS

**WD-248-081**  
 64 x 51 mm  
 U2, XS

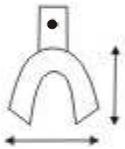
**WD-248-082**  
 66 x 53 mm  
 U3, S

**WD-248-083**  
 69 x 57 mm  
 U4, M

**WD-248-084**  
 71 x 60 mm  
 U5, L

**WD-248-085**  
 73 x 62 mm  
 U6, XL

Dimension : a x b mm


**WD-248-086**  
 55 x 47 mm  
 L1, XXS

**WD-248-087**  
 60 x 49 mm  
 L2, XS

**WD-248-088**  
 72 x 54 mm  
 L3, S

**WD-248-089**  
 74 x 57 mm  
 L4, M

**WD-248-090**  
 76 x 59 mm  
 L5, L

**WD-248-091**  
 78 x 61 mm  
 L6, XL

Impression Trays For Crown &amp; Bridge-Work


**WD-248-092**  
 L2D

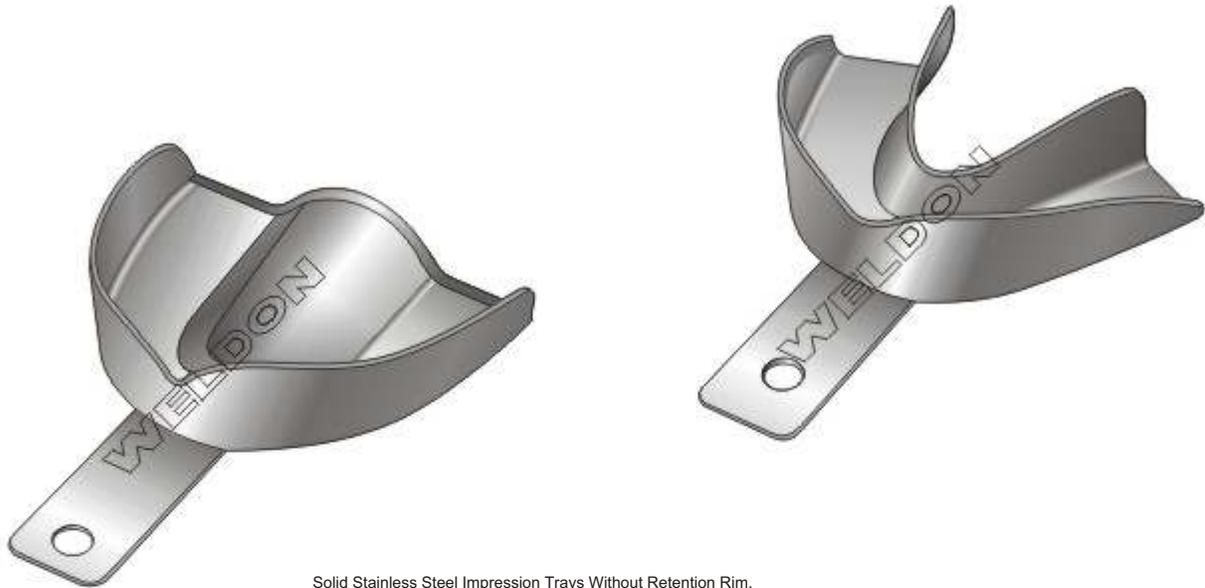
**WD-248-093**  
 L4D

**WD-248-094**  
 L6D

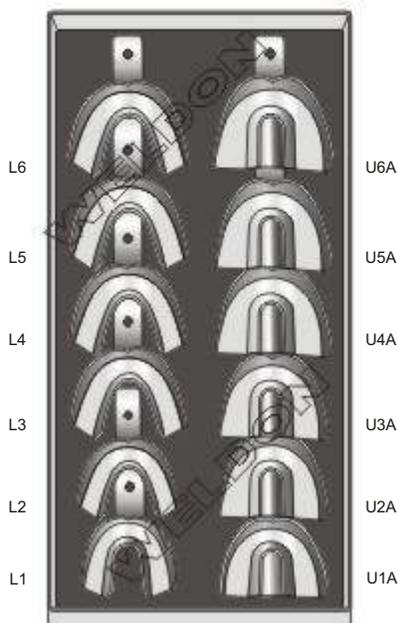
**WD-248-095**  
 L2S

**WD-248-096**  
 L4S

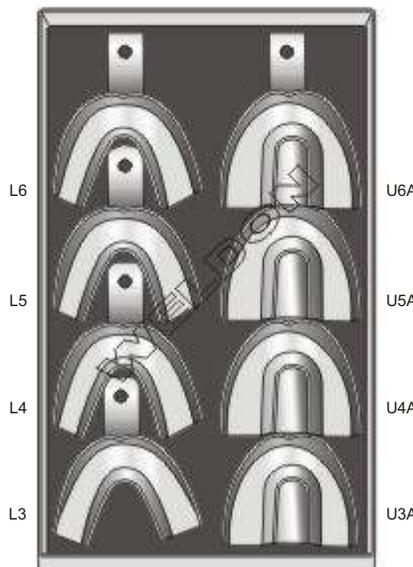
**WD-248-097**  
 L6S



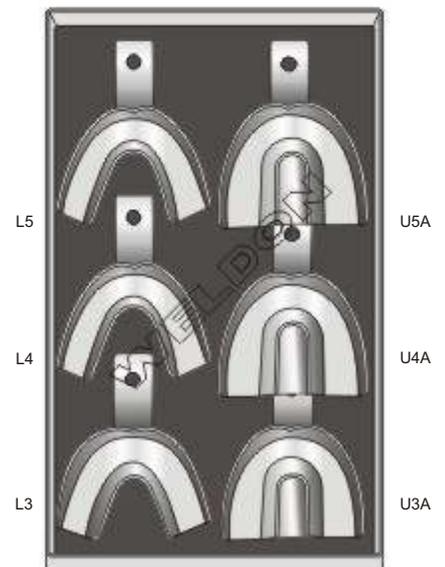
Solid Stainless Steel Impression Trays Without Retention Rim.



WD-249-098  
MAXI Set Of 12 Pieces

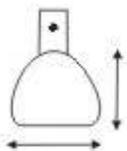


WD-249-099  
MIDI Set Of 8 Pieces



WD-249-100  
MINI Set Of 6 Pieces

Dimension : a x b mm


**WD-250-101**  
 61 x 47 mm  
 U1A, XXS

**WD-250-102**  
 64 x 51 mm  
 U2A, XS

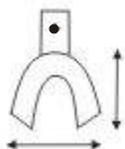
**WD-250-103**  
 66 x 53 mm  
 U3A, S

**WD-250-104**  
 69 x 57 mm  
 U4A, M

**WD-250-105**  
 71 x 60 mm  
 U5A, L

**WD-250-106**  
 73 x 62 mm  
 U6A, XL

Dimension : a x b mm


**WD-250-107**  
 55 x 47 mm  
 L1, XXS

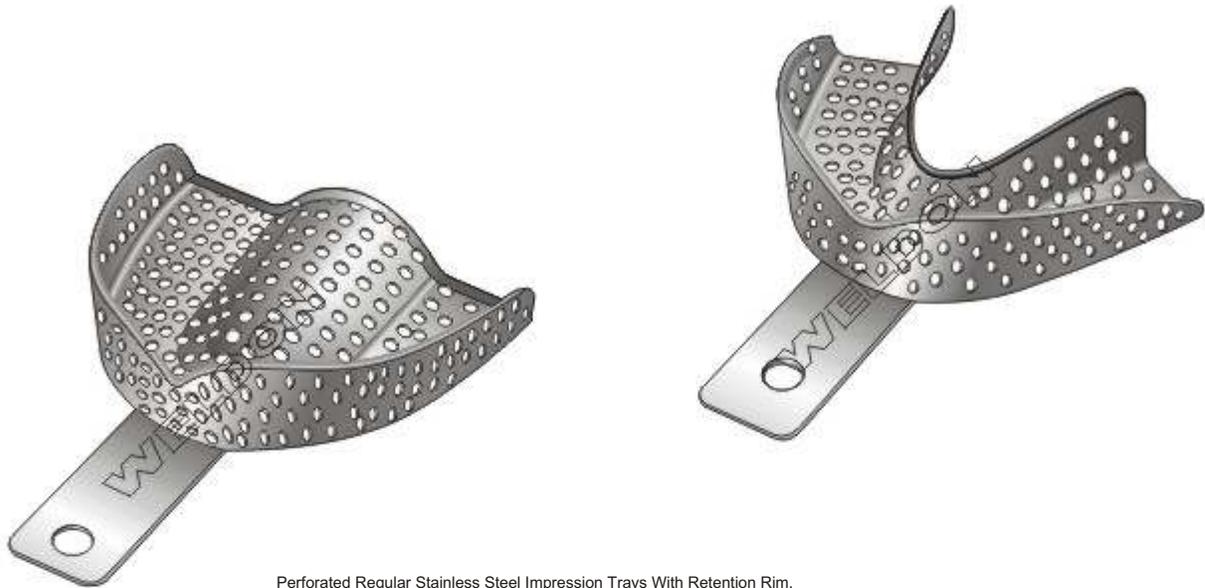
**WD-250-108**  
 60 x 49 mm  
 L2, XS

**WD-250-109**  
 72 x 54 mm  
 L3, S

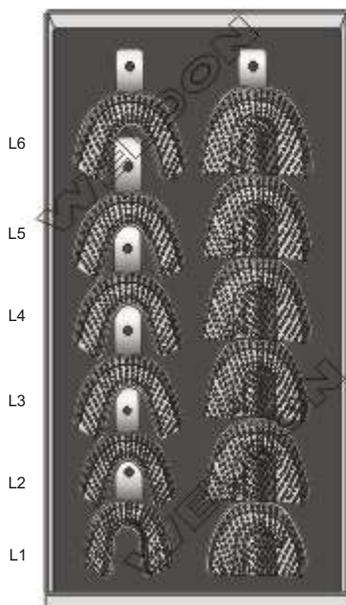
**WD-250-110**  
 74 x 57 mm  
 L4, M

**WD-250-111**  
 76 x 59 mm  
 L5, L

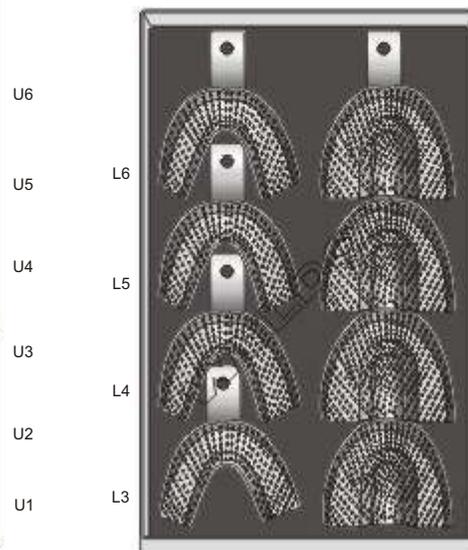
**WD-250-112**  
 78 x 61 mm  
 L6, XL



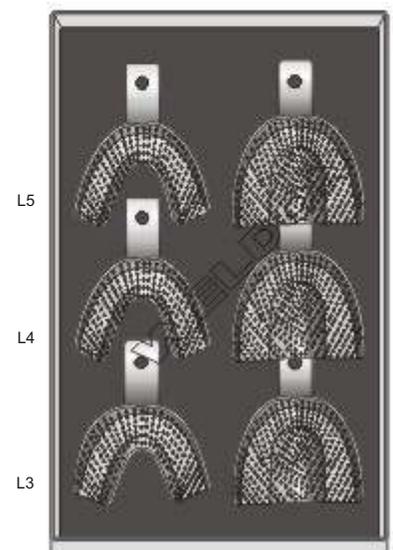
Perforated Regular Stainless Steel Impression Trays With Retention Rim.



WD-251-113  
MAXI Set Of 12 Pieces

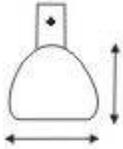


WD-251-114  
MIDI Set Of 8 Pieces



WD-251-115  
MINI Set Of 6 Pieces

Dimension : a x b mm


**WD-252-116**  
 63 X 47 mm  
 U1, XXS

**WD-252-117**  
 64 x 51 mm  
 U2, XS

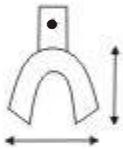
**WD-252-118**  
 66 x 53 mm  
 U3, S

**WD-252-119**  
 69 x 57 mm  
 U4, M

**WD-252-120**  
 71 x 60 mm  
 U5, L

**WD-252-121**  
 73 x 62 mm  
 U6, XL

Dimension : a x b mm


**WD-252-122**  
 55 x 47 mm  
 L1, XXS

**WD-252-123**  
 60 x 49 mm  
 L2, XS

**WD-252-124**  
 72 x 54 mm  
 L3, S

**WD-252-125**  
 74 x 57 mm  
 L4, M

**WD-252-126**  
 76 x 59 mm  
 L5, L

**WD-252-127**  
 78 x 61 mm  
 L6, XL

Impression Trays For Crown &amp; Bridge-Work


**WD-252-128**  
 U1P

**WD-252-129**  
 L2D

**WD-252-130**  
 L4D

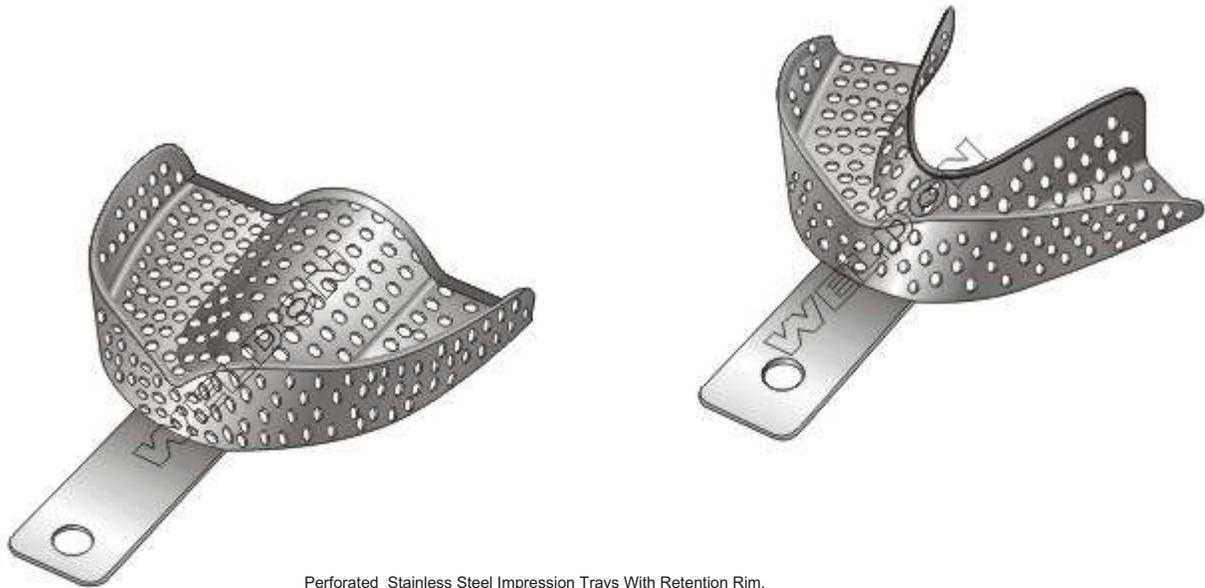
**WD-252-131**  
 L6D

**WD-252-132**  
 L1P

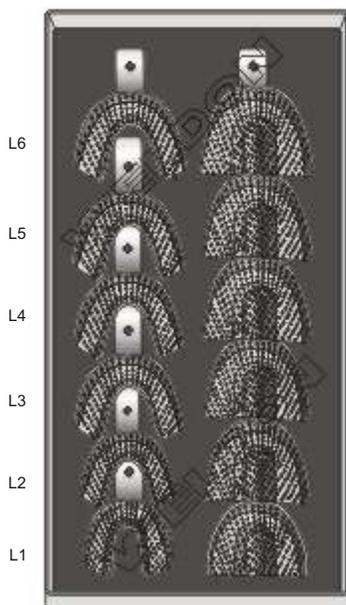
**WD-252-133**  
 L2S

**WD-252-134**  
 L4S

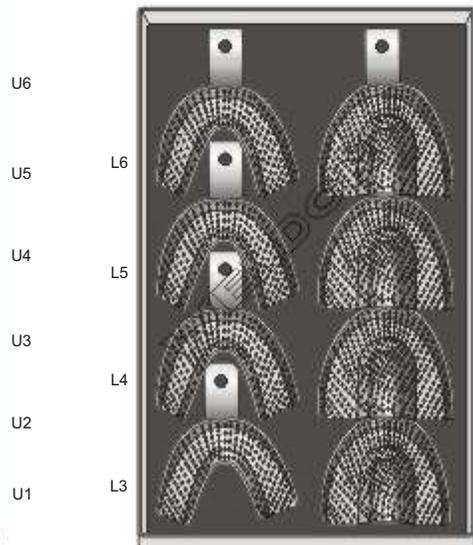
**WD-252-135**  
 L6S



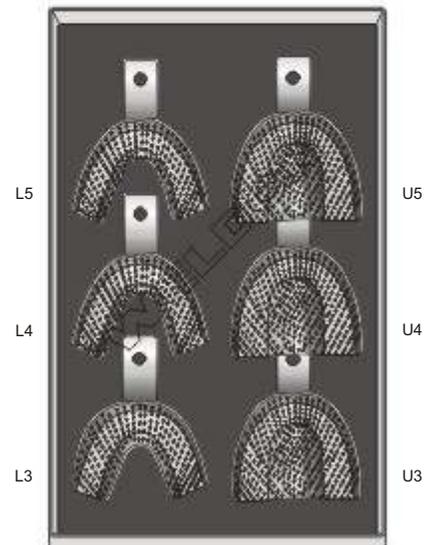
Perforated Stainless Steel Impression Trays With Retention Rim.



WD-253-136  
MAXI Set Of 12 Pieces

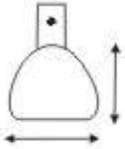


WD-253-137  
MIDI Set Of 8 Pieces

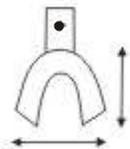


WD-253-138  
MINI Set Of 6 Pieces

Dimension : a x b mm



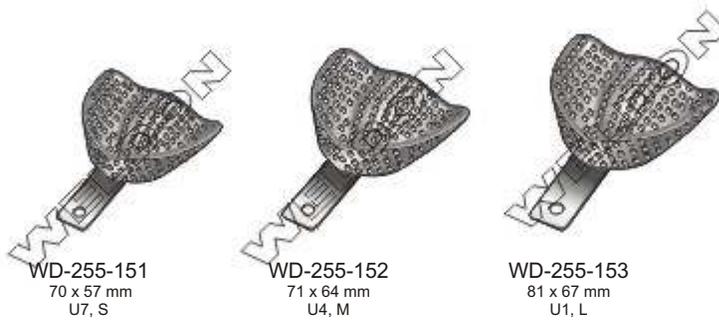
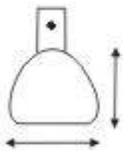
Dimension : a x b mm



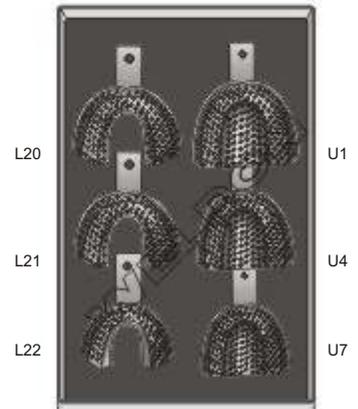
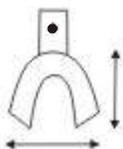


Perforated Stainless Steel Depressed Anterior Impression Trays With Retention Rim.

Dimension : a x b mm



Dimension : a x b mm

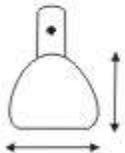


WD-255-157  
MINI Set Of 6 Pieces



Perforated-Complete Denture Stainless Steel Impression Trays With Rim.

Dimension : a x b mm

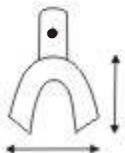

**WD-256-158**  
 73 x 60 mm  
 U64, S

**WD-256-159**  
 70 x 64 mm  
 U63, NM

**WD-256-160**  
 76 x 67 mm  
 U62, M

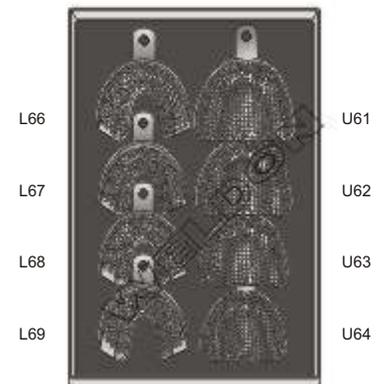
**WD-256-161**  
 79 x 70 mm  
 U61, L

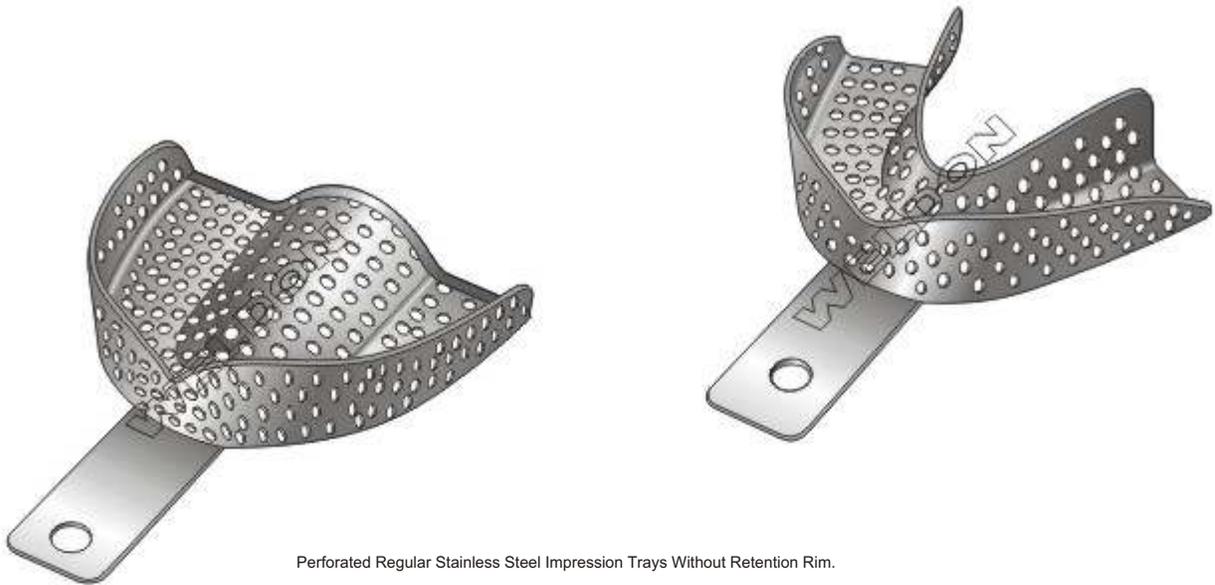
Dimension : a x b mm


**WD-256-162**  
 70 x 57 mm  
 L69, S

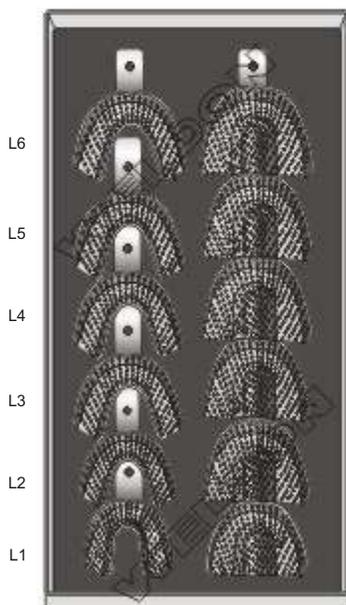
**WD-256-163**  
 73 x 60 mm  
 L68, M

**WD-256-164**  
 70 x 64 mm  
 L67, NL

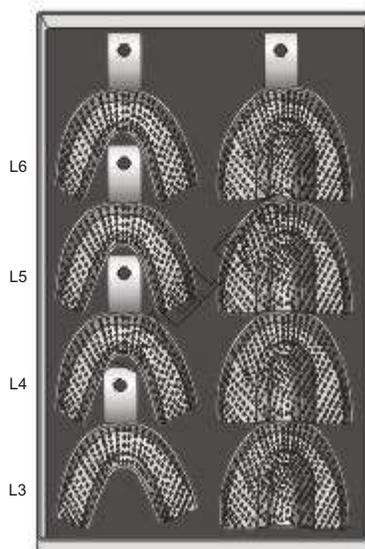
**WD-256-165**  
 86 x 64 mm  
 L66, L

**WD-256-166**  
 MIDI Set Of 8 Pieces



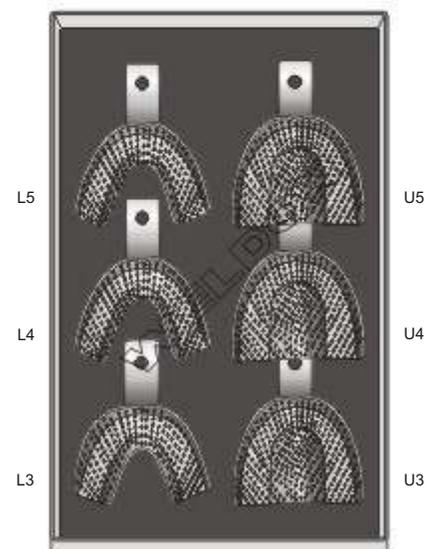
Perforated Regular Stainless Steel Impression Trays Without Retention Rim.



WD-257-167  
MAXI Set Of 12 Pieces

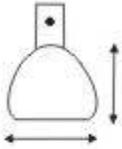


WD-257-168  
MIDI Set Of 8 Pieces



WD-257-169  
MINI Set Of 6 Pieces

Dimension : a x b mm


**WD-258-170**  
 61 x 47 mm  
 U1, XXS

**WD-258-171**  
 64 x 51 mm  
 U2, XS

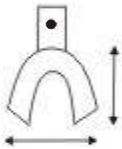
**WD-258-172**  
 66 x 53 mm  
 U3, S

**WD-258-173**  
 69 x 57 mm  
 U4, M

**WD-258-174**  
 71 x 60 mm  
 U5, L

**WD-258-175**  
 73 x 62 mm  
 U6, XL

Dimension : a x b mm


**WD-258-176**  
 55 x 47 mm  
 L1, XXS

**WD-258-177**  
 60 x 49 mm  
 L2, XS

**WD-258-178**  
 72 x 54 mm  
 L3, S

**WD-258-179**  
 74 x 57 mm  
 L4, M

**WD-258-180**  
 76 x 59 mm  
 L5, L

**WD-258-181**  
 78 x 61 mm  
 L6, XL

Impression Trays For Crown &amp; Bridge-Work


**WD-258-182**  
 L2D

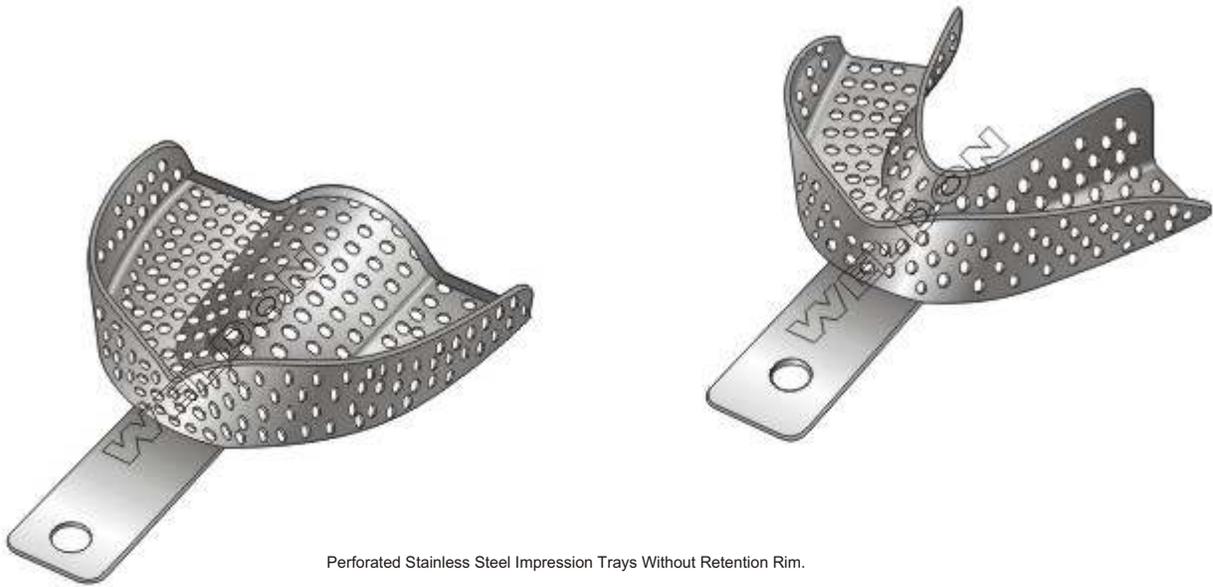
**WD-258-183**  
 L4D

**WD-258-184**  
 L6D

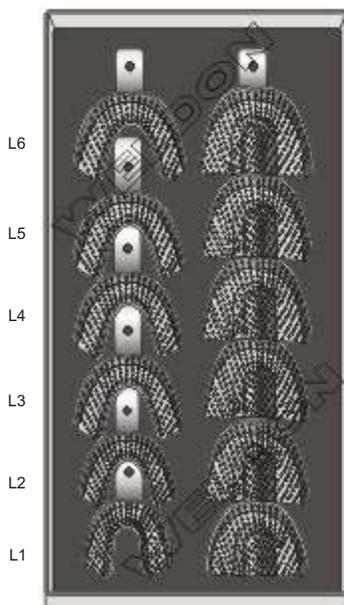
**WD-258-185**  
 L2S

**WD-258-186**  
 L4S

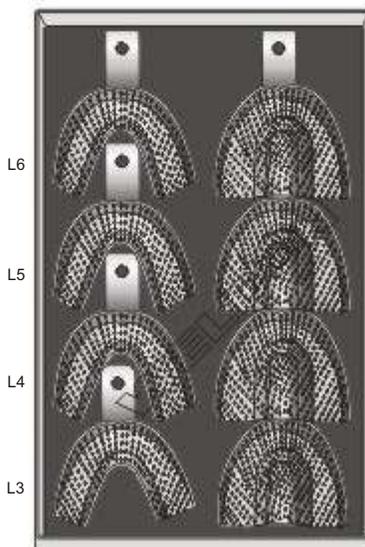
**WD-258-187**  
 L6S



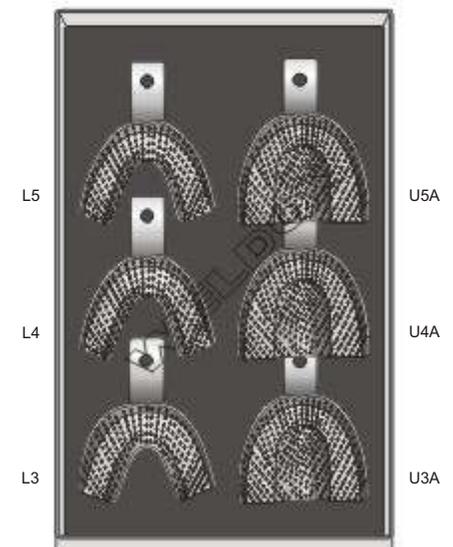
Perforated Stainless Steel Impression Trays Without Retention Rim.



WD-259-188  
MAXI Set Of 12 Pieces

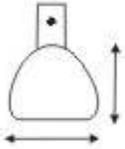


WD-259-189  
MIDI Set Of 8 Pieces



WD-259-190  
MINI Set Of 6 Pieces

Dimension : a x b mm


**WD-260-191**  
 61 x 47 mm  
 U1A, XXS

**WD-260-192**  
 64 x 51 mm  
 U2A, XS

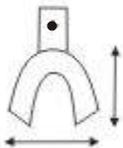
**WD-260-193**  
 66 x 53 mm  
 U3A, S

**WD-260-194**  
 69 x 57 mm  
 U4A, M

**WD-260-195**  
 71 x 60 mm  
 U5A, L

**WD-260-196**  
 73 x 62 mm  
 U6A, XL

Dimension : a x b mm


**WD-260-197**  
 55 x 47 mm  
 L1, XXS

**WD-260-198**  
 60 x 49 mm  
 L2, XS

**WD-260-199**  
 72 x 54 mm  
 L3, S

**WD-260-200**  
 74 x 57 mm  
 L4, M

**WD-260-201**  
 76 x 59 mm  
 L5, L

**WD-260-202**  
 78 x 61 mm  
 L6, XL

Impression Trays Plastic - Disposable | Cubetas De Plástico Un Solo Uso  
Abdrucklöffel Aus Plastik, Einmaliger Gebrauch



**WD-261-215**  
MAXI Set Of 24 Pieces



**WD-261-203**  
L2S



**WD-261-204**  
L2D



**WD-261-205**  
61 x 49 mm  
U1



**WD-261-206**  
65 x 53 mm  
U2



**WD-261-207**  
70 x 59 mm  
U3



**WD-261-208**  
73 x 63 mm  
U4



**WD-261-209**  
L1S



**WD-261-210**  
L1D



**WD-261-211**  
61 x 50 mm  
L1



**WD-261-212**  
67 x 52 mm  
L2



**WD-261-213**  
72 x 56 mm  
L3



**WD-261-214**  
74 x 58 mm  
L4



**WD-261-228**  
Set Of 12 Pieces  
Plastic Impression Trays  
Autoclavable 130° C



**WD-261-216**  
L2S



**WD-261-217**  
L2D



**WD-261-218**  
61 x 49 mm  
U1



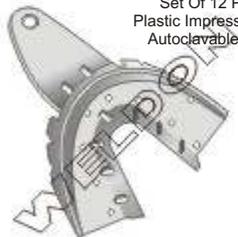
**WD-261-219**  
65 x 53 mm  
U2



**WD-261-220**  
70 x 59 mm  
U3



**WD-261-221**  
73 x 63 mm  
U4



**WD-261-222**  
L1S



**WD-261-223**  
L1D



**WD-261-224**  
61 x 50 mm  
L1



**WD-261-225**  
67 x 52 mm  
L2

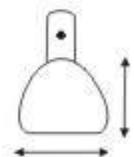


**WD-261-226**  
72 x 56 mm  
L3



**WD-261-227**  
74 x 58 mm  
L4

Dimension : a x b mm



**WD-261-237**  
MIDI Set Of 8 Pieces  
Orthodontic Impression Trays  
Autoclavable 130° C



**WD-261-229**  
63 x 59 mm  
U4



**WD-261-230**  
59 x 55 mm  
U3



**WD-261-231**  
56 x 51 mm  
U2



**WD-261-232**  
50 x 46 mm  
U1



**WD-261-233**  
66 x 56 mm  
L4



**WD-261-234**  
62 x 53 mm  
L3



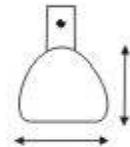
**WD-261-235**  
58 x 49 mm  
L2



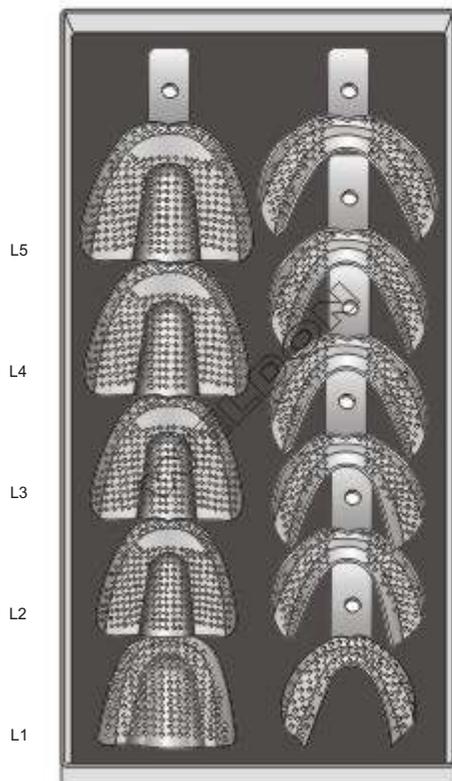
**WD-261-236**  
52 x 44 mm  
L1



Dimension : a x b mm



Perforated Regular Stainless Steel Impression Trays Without Retention Rim.



L5

L4

L3

L2

L1



U6

**WD-262-239**  
 60 x 50 mm  
 L1, XXS

**WD-262-240**  
 64 x 54 mm  
 L2, XS

**WD-262-241**  
 68 x 58 mm  
 L3, S

**WD-262-242**  
 70 x 60 mm  
 L4, M

**WD-262-243**  
 78 x 64 mm  
 L5, L

U5

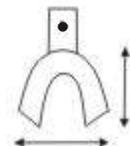
U4

U3

U2

U1

Dimension : a x b mm


**WD-262-244**  
 60 x 54 mm  
 U1, XXS

**WD-262-245**  
 67 x 55 mm  
 U2, XS

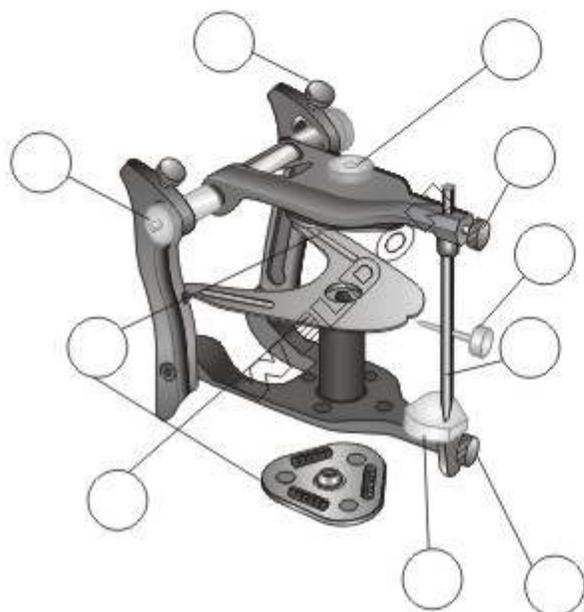
**WD-262-246**  
 70 x 56 mm  
 U3, S

**WD-262-247**  
 74 x 58 mm  
 U4, M

**WD-262-248**  
 76 x 60 mm  
 U5, L

**WD-262-249**  
 80 x 62 mm  
 U6, XL

**WD-262-238**  
 Set Of 11 Pieces



1. WD-263-002 Mounting Plates
2. WD-263-005 Occlusal Table
3. WD-263-006 Incisal Table
4. WD-263-007 Incisal Guide Pin
5. WD-263-008 Incisal Table & Incisal Guide Pin Lock Screws
6. WD-263-009 Mounting Plates & Occlusal Table Lock Screws
7. WD-263-010 Adjustable lateral Excursion Lock Screws
8. WD-263-011 Incisor Indicator Pin
9. WD-263-012 Upper Jaw Members Screws



HI-Top Model  
WD-264-013  
Chrome



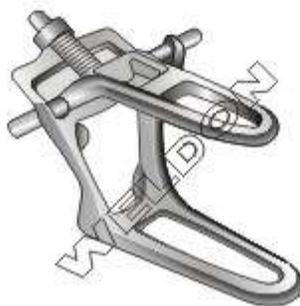
Crown & Bridge  
WD-264-014  
Chrome



Apex II Type  
WD-264-015  
Chrome



HI-Top Model  
WD-264-016  
Brass



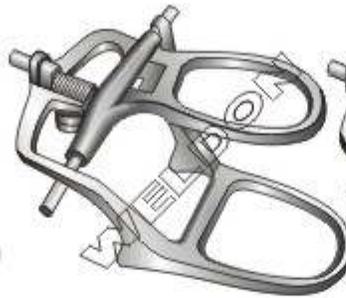
Crown & Bridge  
WD-264-017  
Brass



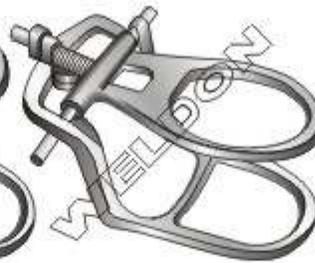
Apex II Type  
WD-264-018  
Brass



WD-265-019  
Stainless Steel  
Finishing



WD-265-020  
Black Metallic  
Golgen



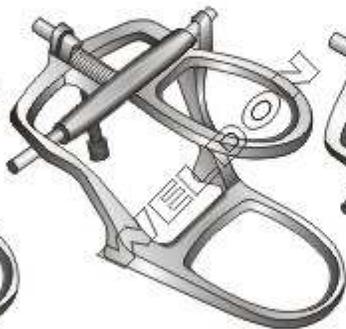
WD-265-021  
Orange Metallic  
Golgen



WD-265-022  
Brown



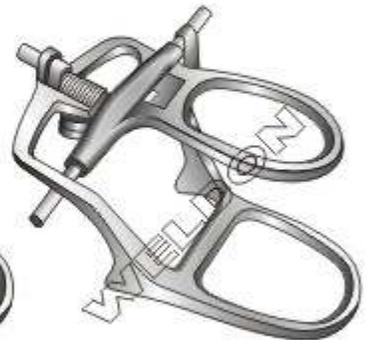
WD-265-023  
Royal Blue



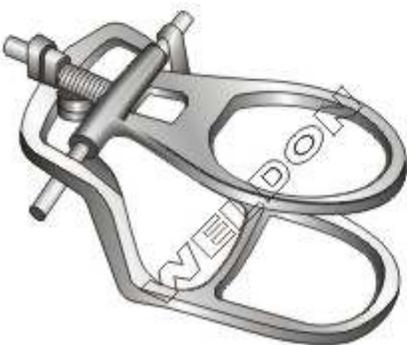
WD-265-024  
Silver Blue Metallic



WD-265-025  
Silver Blue Metallic



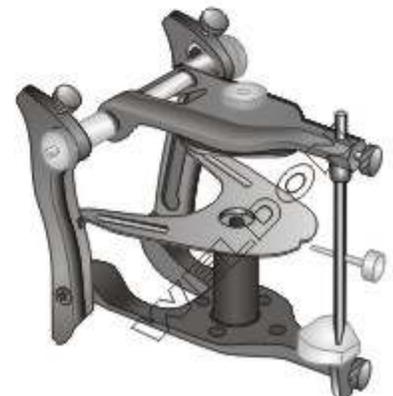
WD-265-026  
Silver Green Metallic



WD-265-027  
Copper Black Metallic



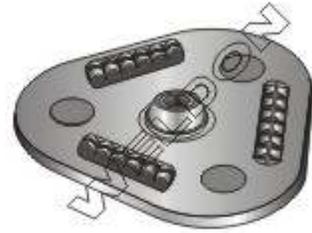
WD-265-028  
Articulators



WD-265-029  
Articulators



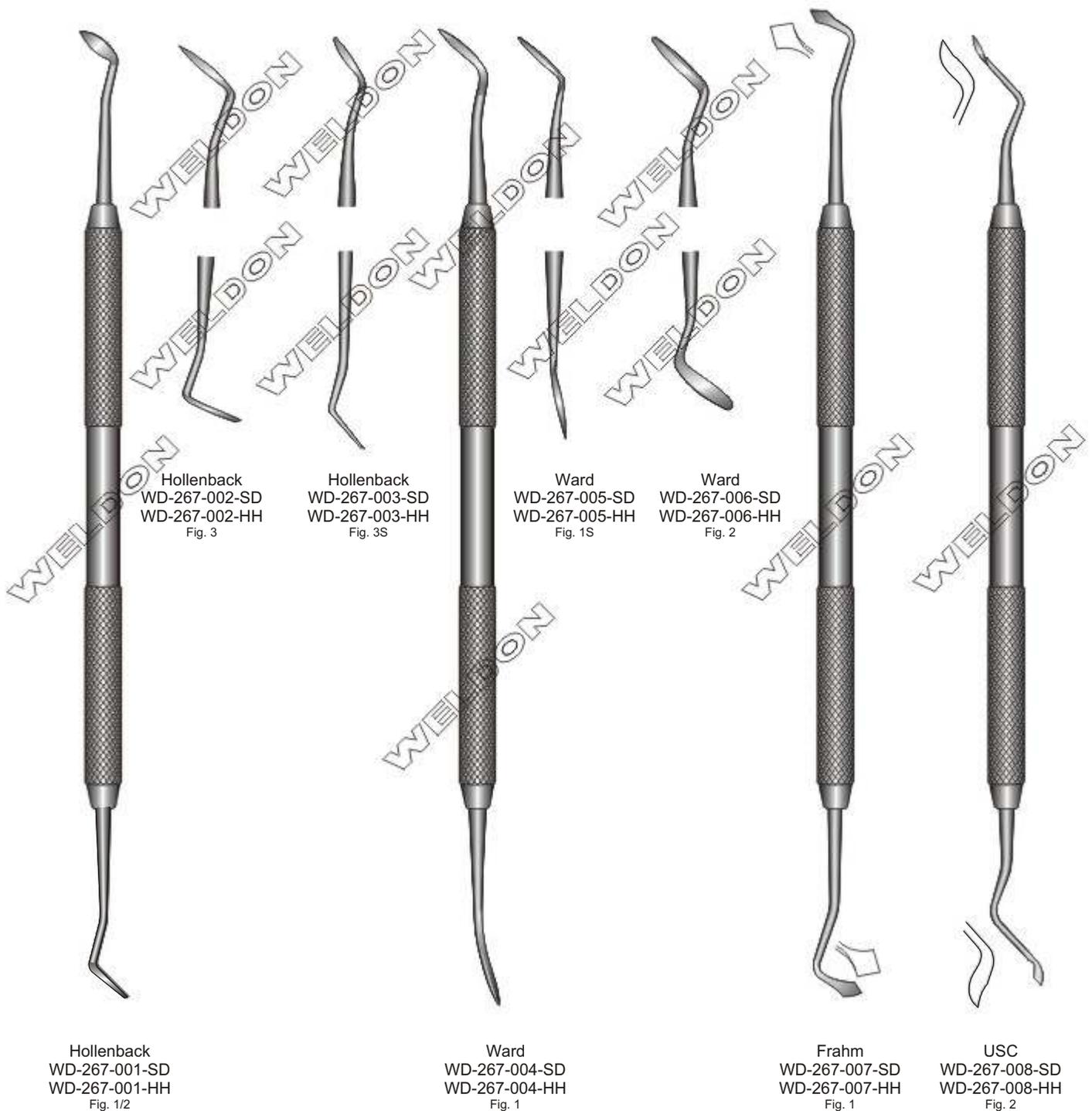
WD-266-030



WD-266-031



WD-266-032



Waxing Instruments With Replaceable Points





Maehlum  
WD-269-012

Hylin  
WD-269-013

Hylin-Le Cron  
WD-269-014

Hylin-Ceramica  
WD-269-015

Hylin  
WD-269-016

WD-269-017

Le Cron  
WD-269-018

Le Cron  
WD-269-019

Le Cron  
WD-269-020



**Hyllin Carver**  
WD-270-021  
Garded Handle

**Le Cron**  
WD-270-022

**Zehle**  
WD-270-023

**Zehle**  
WD-270-024

**Zehle**  
WD-270-025

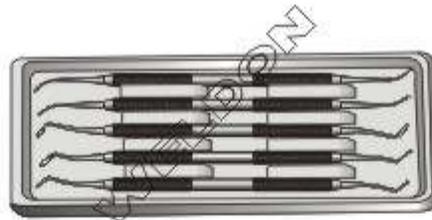
**Gritman**  
WD-270-026

**Beale**  
WD-270-027

**Roach**  
WD-270-028

**Vehe**  
WD-270-029

**Vehe**  
WD-270-030



WD-271-036-SD  
Set Of 5 Pieces



P.K Thomas  
WD-271-031-SD  
Fig. 1



P.K Thomas  
WD-271-032-SD  
Fig. 2



P.K Thomas  
WD-271-033-SD  
Fig. 3



P.K Thomas  
WD-271-034-SD  
Fig. 4



P.K Thomas  
WD-271-035-SD  
Fig. 5



WD-272-042-HH  
Colour Coded  
Set Of 5 Pieces



P.K. Thomas  
WD-272-037-HH  
Fig. 1



P.K. Thomas  
WD-272-038-HH  
Fig. 2



P.K. Thomas  
WD-272-039-HH  
Fig. 3



P.K. Thomas  
WD-272-041-HH  
Fig. 5



WD-273-011  
Set Of 10 Pieces



WD-273-001 WD-273-002 WD-273-003

WD-273-004 WD-273-005 WD-273-006 WD-273-007

WD-273-008 WD-273-009 WD-273-010



WD-274-012



WD-274-013



WD-274-014



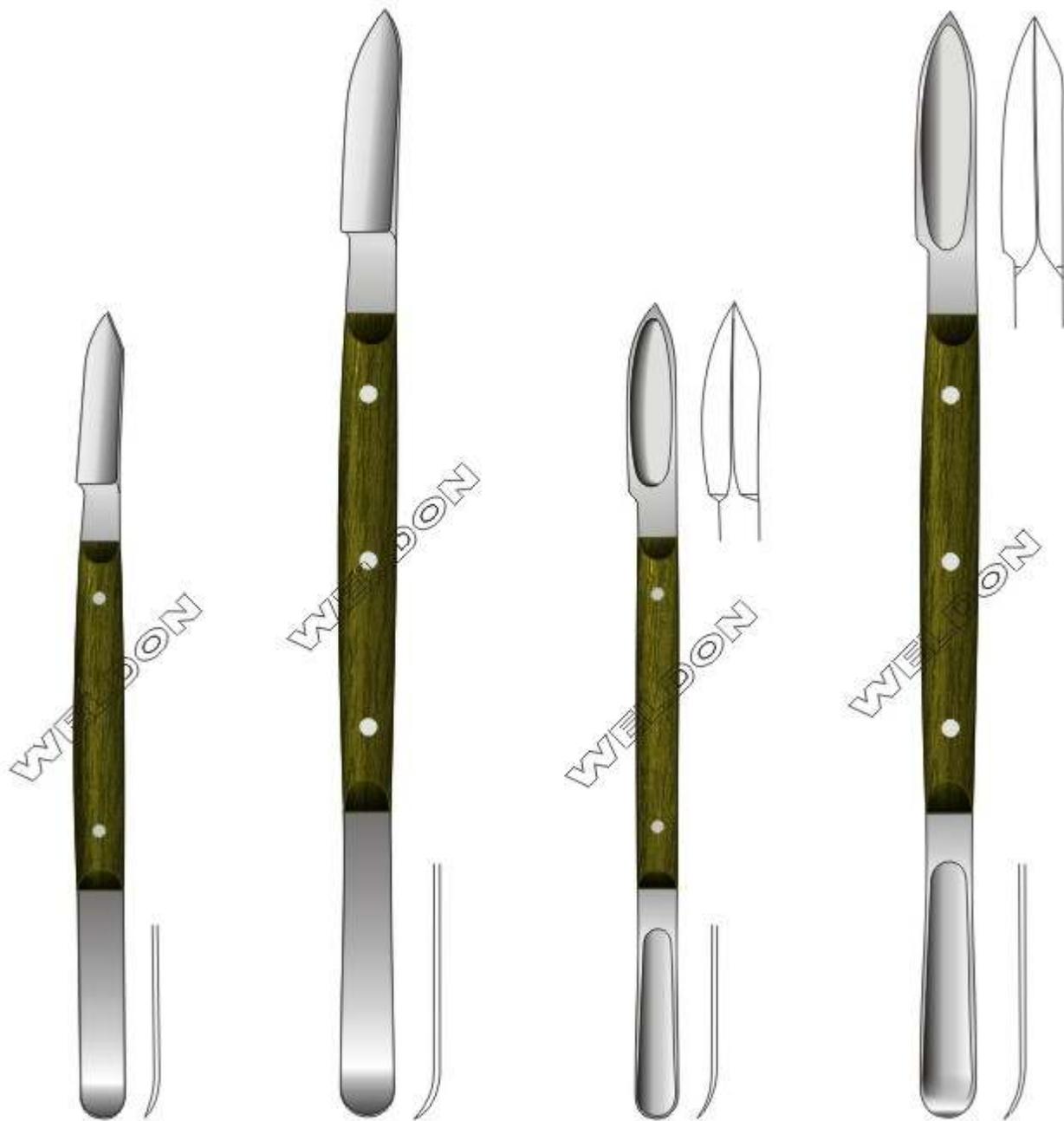
WD-274-015 WD-274-016 WD-274-017

Flexible



WD-274-018 WD-274-019 WD-274-020

Super Flexible



Fahnenstock  
WD-275-022  
12.5 cm / 5"  
Fig. 1

Fahnenstock  
WD-275-023  
17 cm / 6 3/4"  
Fig. 2

Lessmann  
WD-275-024  
12.5 cm / 5"  
Fig. 1

Lessmann  
WD-275-025  
17 cm / 6 3/4"  
Fig. 2



WD-276-026  
17 cm / 6 $\frac{3}{4}$ "  
Fig. 1

Gritman  
WD-276-027  
17 cm / 6 $\frac{3}{4}$ "  
Fig. 2

WD-276-028  
16 cm / 6 $\frac{1}{4}$ "  
Fig. 3

WD-276-029  
16 cm / 6 $\frac{1}{4}$ "  
Fig. 4



WD-277-030  
18.5 cm / 7¼"  
Fig. 1  
Rigid

WD-277-031  
18 cm / 7½"  
Fig. 2  
Rigid

WD-277-032  
18.5 cm / 7¼"  
Fig. 3  
Flexible

WD-277-033  
19.5 cm / 7¾"  
Fig. 4  
Flexible

WD-277-034  
21.5 cm / 8½"  
Fig. 5  
Flexible

WD-277-035  
20.5 cm / 8"  
Fig. 6  
Flexible



WD-278-036  
19.5 cm / 7 7/8"  
Fig. 7  
Flexible

WD-278-037  
20 cm / 8"  
Fig. 8  
Rigid

WD-278-038  
22.5 cm / 9"  
Fig. 9  
Rigid

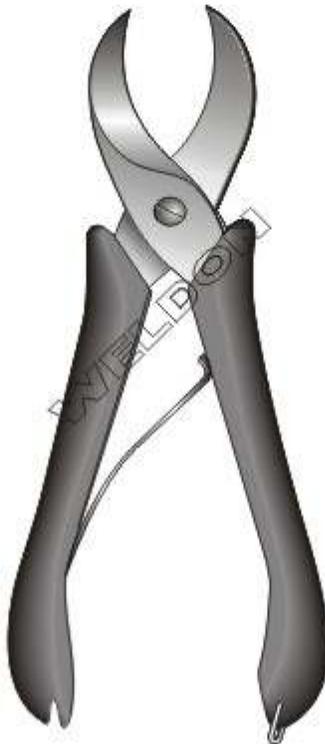


WD-279-039-R WD-279-039-G WD-279-039-B WD-279-039-F WD-279-039-V WD-279-039-A

WD-279-039  
19 cm / 7½"  
Spatula Flexible  
Complete Set



WD-279-040  
16 cm / 6¼"  
Plaster Cutting Plier



WD-279-041  
19.5 cm / 7¾"  
Plaster Cutting Plier



Bone Morselizer  
WD-279-042  
The Bone Morselizer Is A Hand  
Instrument Which Helps In The  
Crushing Of Bone Material.



WD-280-001  
Compactor  
17 cm / 6 3/4"

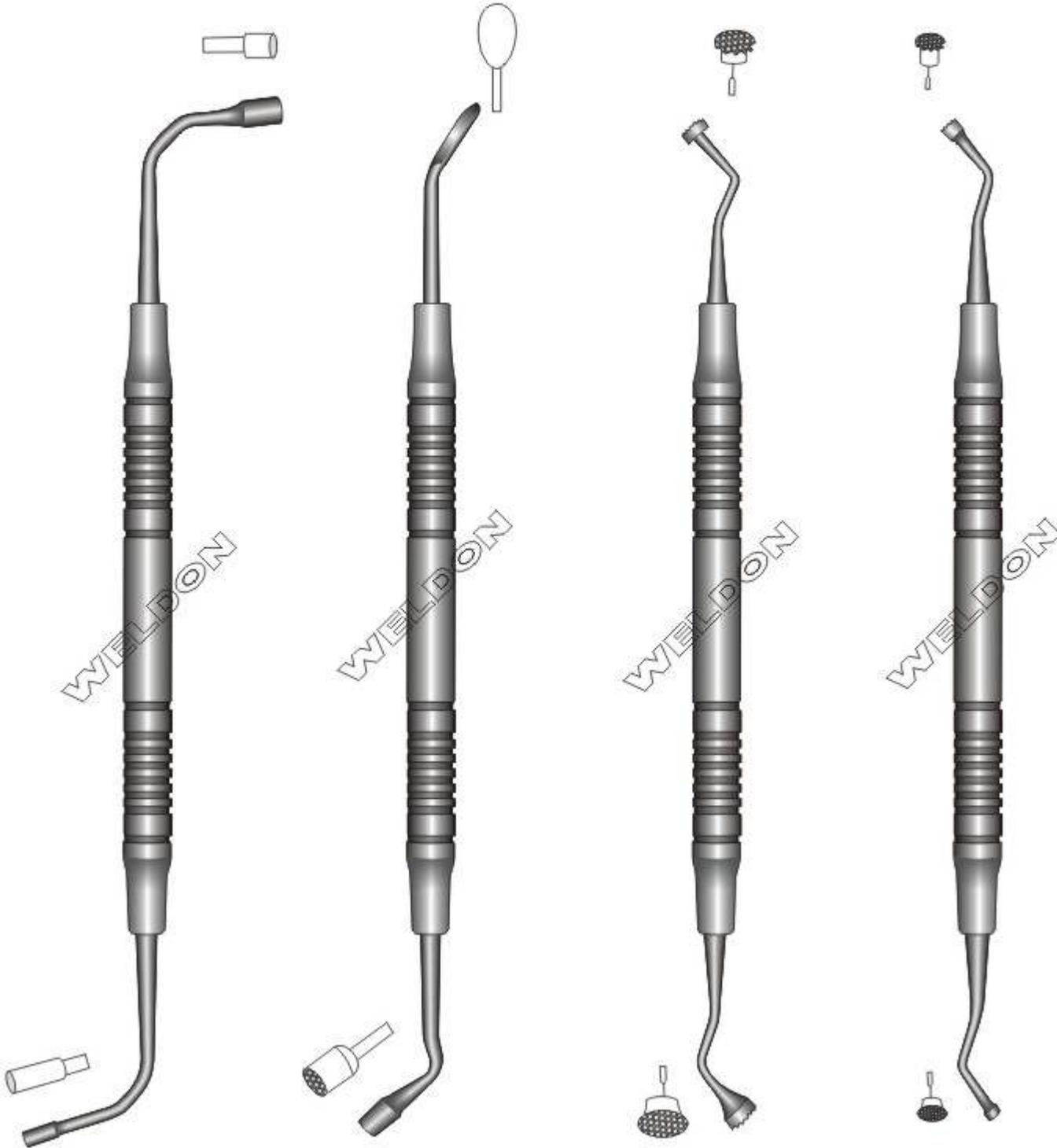
WD-280-002  
Compactor  
17 cm / 6 3/4"

WD-280-003 4 mm Ø  
WD-280-004 5 mm Ø  
Compactor  
15 cm / 6"

WD-280-005  
Sinus Window  
Bone Tampers

WD-280-006  
Sinus Window  
Bone Tampers

Bone Grafting Instruments, Compactor / Tampers

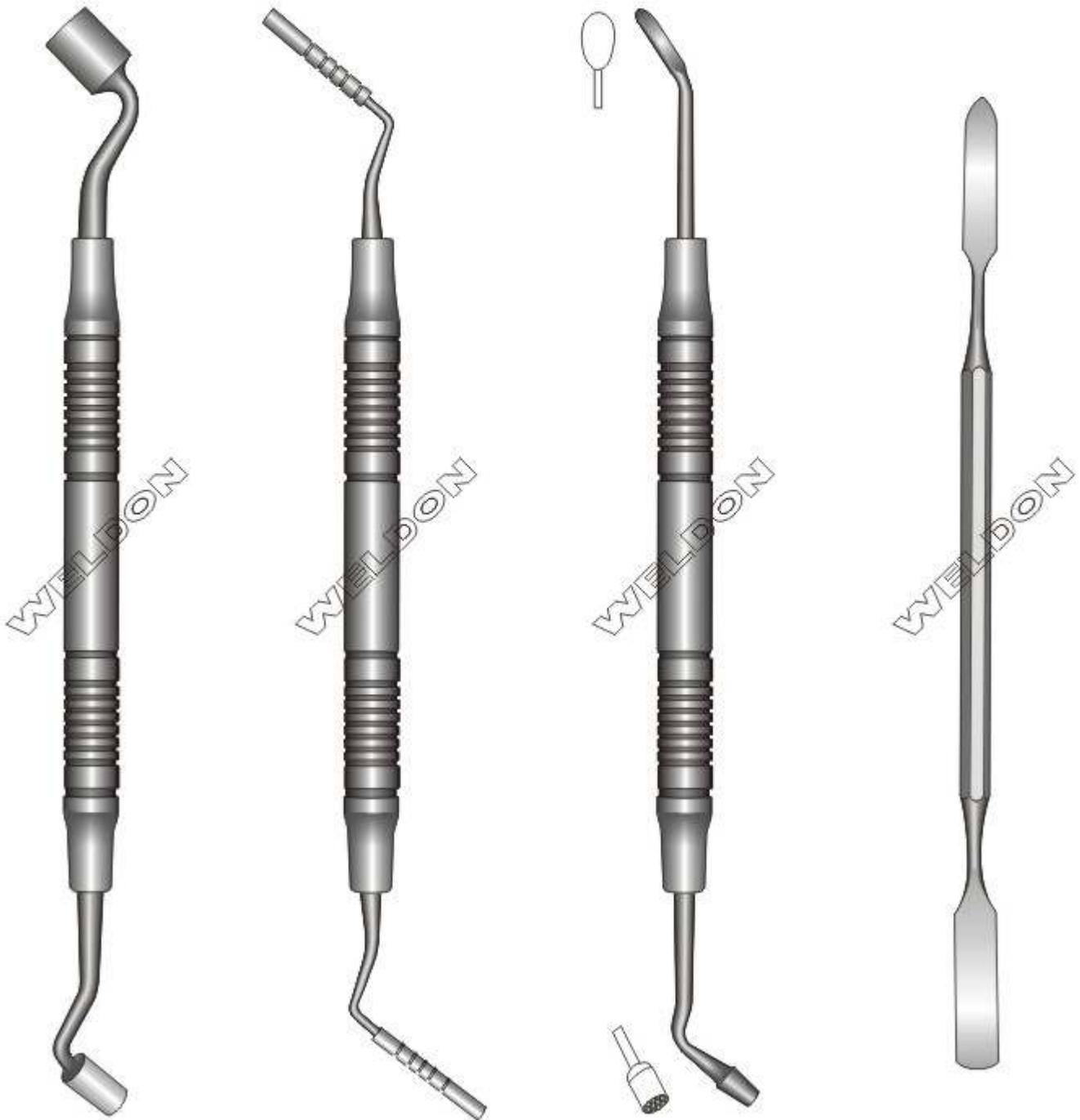


WD-281-007  
Graft Packer, Concave  
Tips Diameter 4/6 mm

WD-281-008  
Bone Spoon / Packer  
Tips Diameter 3 mm

WD-281-009  
Graft Packer, Serrated  
Tips Diameter 6/8 mm

WD-281-010  
Graft Packer, Serrated  
Tips Diameter 3/4 mm

**Bone Grafting Instruments, Compactor / Tamperers**


**WD-282-011**  
 Graft Packer, Smooth  
 Tips Diameter 5/8 mm

**WD-282-012**  
 Titanium Graft Packer / Placement  
 Site Depth Gauge 3.3 mm & 4.0 mm Diameter  
 Tips Marked at 8, 11, 13, 15 & 18 mm

**WD-282-013**  
 Graft Material Spoon With  
 3 mm Serrated Graft Paker  
 Concave Spoon Tip For Large Grafts

**WD-282-014**  
 Graft Material Spoon  
 Concave Tip For Large Grafts

Stainless Steel Tissue Punch

4 mm ●



WD-283-015  
Straight

5 mm ●



WD-283-016  
Straight

6 mm ●



WD-283-017  
Straight

2.0 mm ●



WD-283-018  
Offset

4.0 mm ●



WD-283-019  
Offset

5.0 mm ●



WD-283-020  
Offset

6.0 mm ●



WD-283-021  
Offset

7.0 mm ●



WD-283-022  
Offset

8.0 mm ●



WD-283-023  
Offset



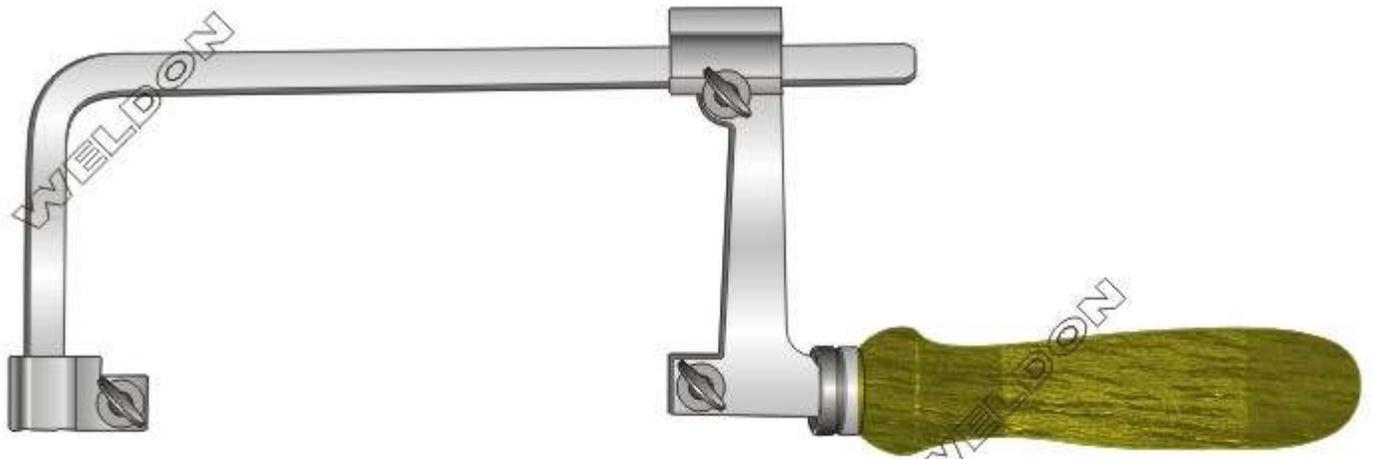
WD-284-001  
22 cm / 8½"  
Riveting Mallet



WD-284-002  
22 cm / 8½"  
Riveting Mallet



WD-284-003  
20 cm / 8"  
Horn Mallet



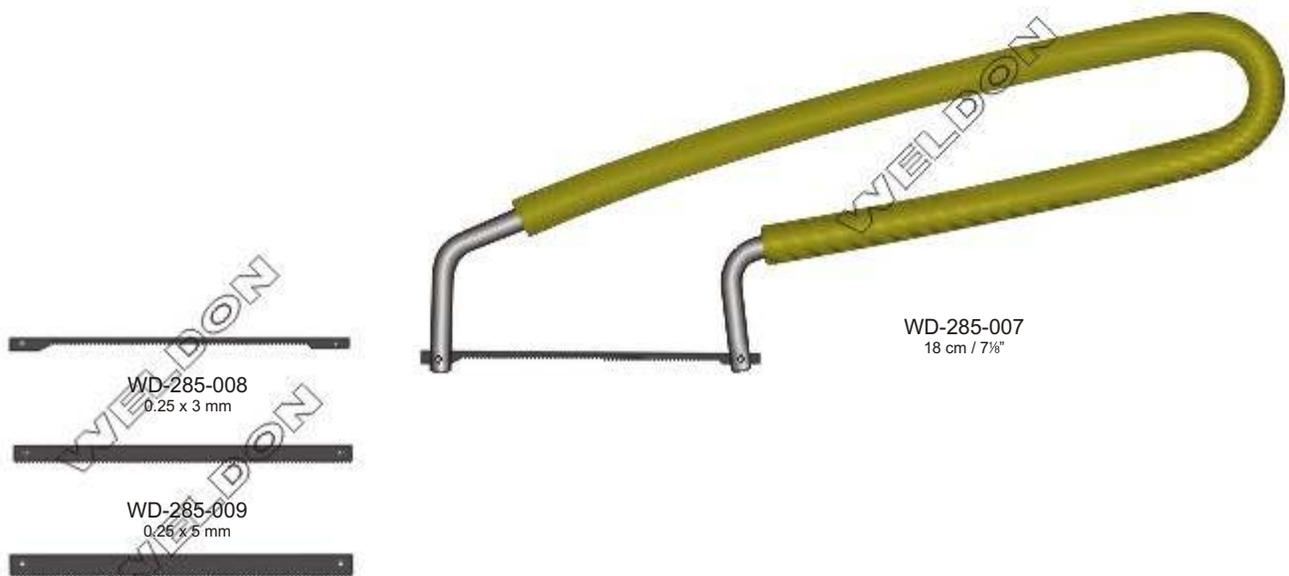
WD-285-004  
25 cm / 9 7/8"



WD-285-005  
Fret Saw Blades For Plaster



WD-285-006  
Fret Saw Blades For Metal



WD-285-007  
18 cm / 7 1/8"



WD-285-008  
0.25 x 3 mm



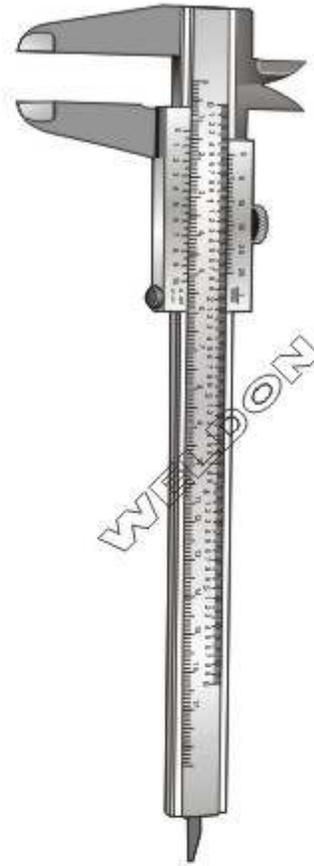
WD-285-009  
0.25 x 5 mm



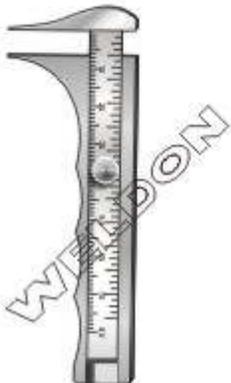
WD-285-010  
0.12 x 5 mm



Vernier  
WD-286-001  
0-120 mm / 0-8"



WD-286-002  
0-200 mm / 0-8"



Jameson  
WD-286-003  
0-80 mm / 0-3"



Townley  
WD-286-004  
0-80 mm / 0-3"



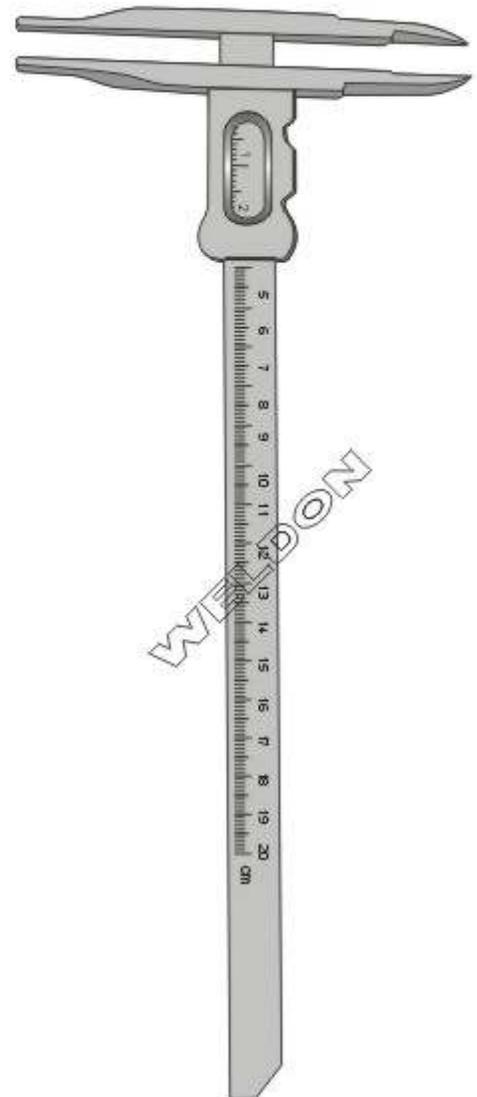
WD-287-005  
0-100 mm / 0-4"



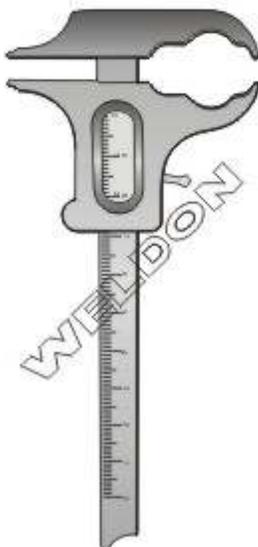
WD-287-006  
0-80 mm / 0-3"



WD-287-007  
0-80 mm / 0-3"



Vernier  
WD-287-010  
0-200 mm / 0-8"



Boley  
WD-287-008  
0-100 mm / 0-4"



Boley  
WD-287-009  
0-100 mm / 0-4"



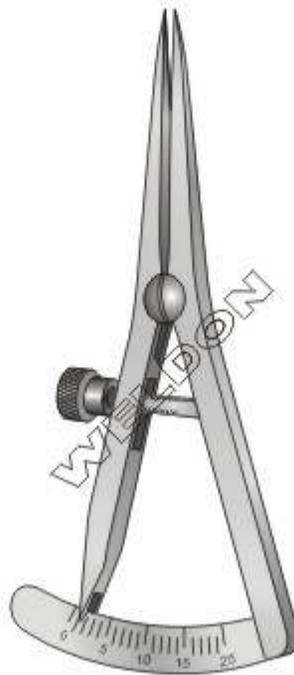
Iwanson  
WD-288-011  
12 cm / 4 3/4"  
For Crowns



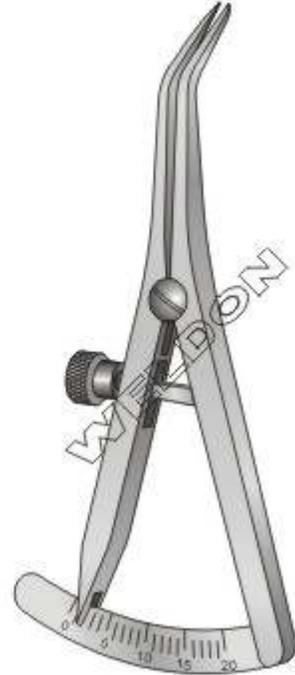
Iwanson  
WD-288-012  
12 cm / 4 3/4"  
With Drop Tips For Wax



Castroviejo  
WD-288-013  
8 cm / 3"  
0-25 mm



Castroviejo  
WD-288-014  
8 cm / 3"  
0-25 mm



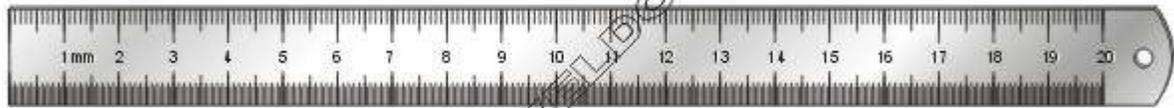
Castroviejo  
WD-288-015  
8 cm / 3"  
0-25 mm



Castroviejo-Epker  
WD-289-016  
9 cm / 3 1/2"  
0-40 mm



Castroviejo-Epker  
WD-289-017  
18 cm / 7 1/8"  
0-40 mm



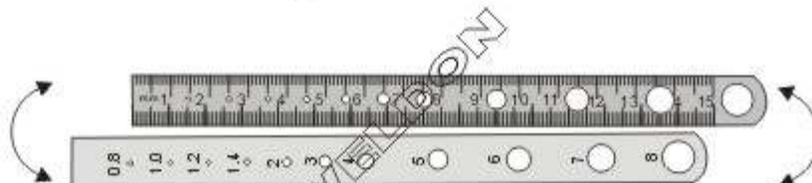
WD-289-018 15 cm / 6"  
WD-289-019 20 cm / 8"



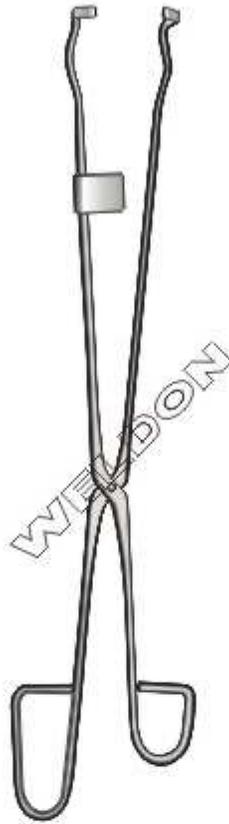
WD-289-020  
0-80 mm



WD-289-021  
0-60 mm



WD-289-022  
150 mm  
Measuring Range & Hole Gauge

WD-290-001  
31 cm / 12 $\frac{1}{4}$ "WD-290-002  
43 cm / 16"WD-290-003  
40 cm / 15 $\frac{1}{2}$ "WD-290-004  
51 cm / 20"WD-290-005  
64 cm / 25"



WD-291-009  
26 cm / 10¼"  
Fig. 6



WD-291-006  
16.5 cm / 6½"  
Fig. 1



WD-291-007  
16 cm / 6¼"  
Fig. 2



WD-291-008  
12 cm / 4¾"  
Fig. 2



WD-291-010  
18 cm / 7"  
Fig. 4



WD-291-011  
15 cm / 6"  
Fig. 3



WD-291-012  
11.5 cm / 4½"  
Fig. 3

Pliers For Orthodontics & Prosthetics | Alicates Para Ortodoncia Y Prótesis  
Zangen Für Kieferorthopädie Und Prothetik



WD-292-001  
Light Wire Bird Beak  
Pliers With Groove



Tweed  
WD-292-002  
Loop Forming Pliers



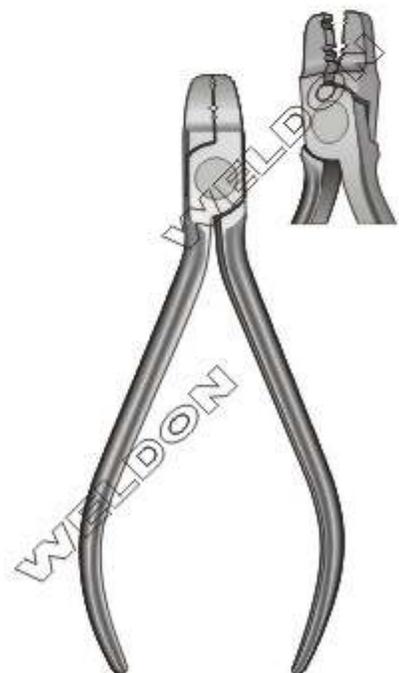
WD-292-003  
Arch Bending Pliers



Jarabak  
WD-292-004



WD-292-005  
Hollow Chop Contouring Pliers



WD-292-006  
Lingual Arch Forming Pliers



WD-293-007  
Rectangular Arch Bending Pliers



WD-293-008  
Posterior Band Removing Pliers-Long



WD-293-009  
Posterior Band Removing Pliers-Short



WD-293-010  
Force Module Separating Pliers

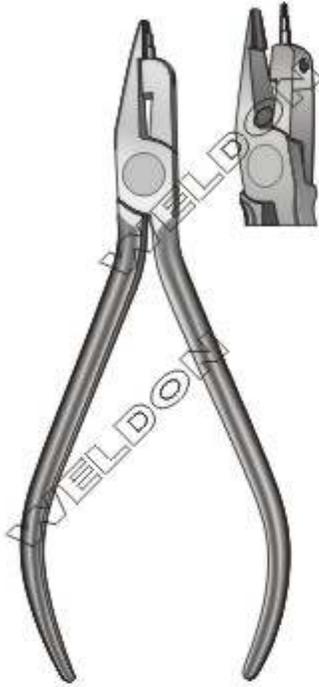


WD-293-011  
Tying Pliers Coon Style Ligature



WD-293-012  
Bird Beak Pliers

Pliers For Orthodontics & Prosthetics | Alicates Para Ortodoncia Y Prótesis  
Zangen Für Kieferorthopädie Und Prothetik



WD-294-013  
Omega Loop Forming Pliers



WD-294-014  
Three Jaw Pliers



WD-294-015  
Cutter



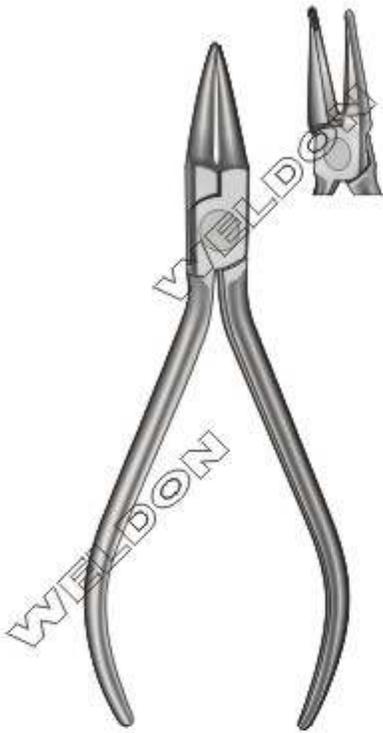
Weingart  
WD-294-016



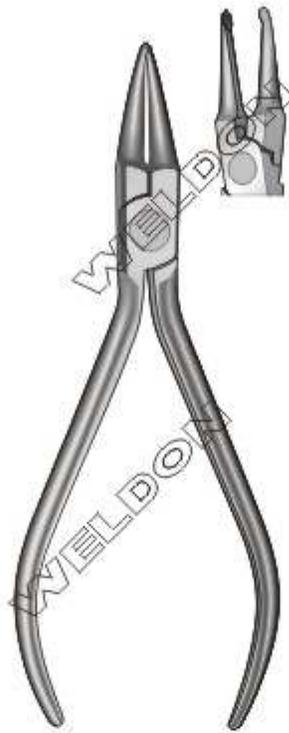
Weingart  
WD-294-017  
Slim Pliers



How  
WD-294-018  
Straight



How  
WD-295-019  
Pliers Offset



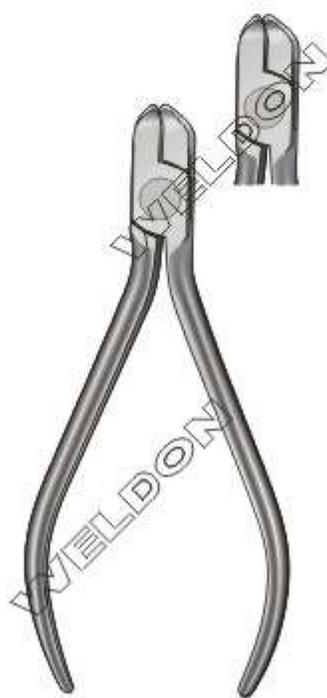
WD-295-020  
Band Seating Pliers



WD-295-021  
Adhesive Removing Pliers



WD-295-022  
Hard Wire Cutter  
15 cm



WD-295-023  
Distal End Cutter  
Flush Cut



WD-295-024  
Distal End Cutter  
Universal Cut & Hold

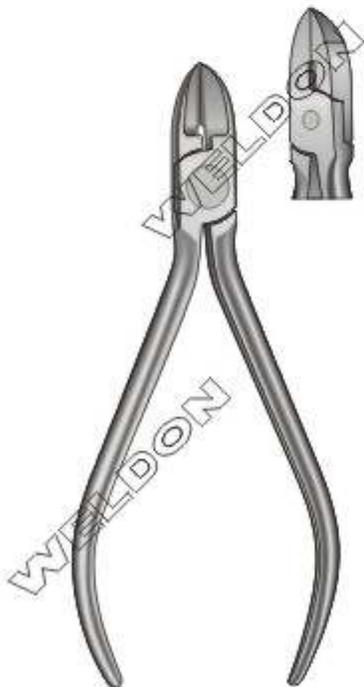
Pliers For Orthodontics & Prosthetics | Alicates Para Ortodoncia Y Prótesis  
Zangen Für Kieferorthopädie Und Prothetik



WD-296-025  
Pin & Ligature Cutter



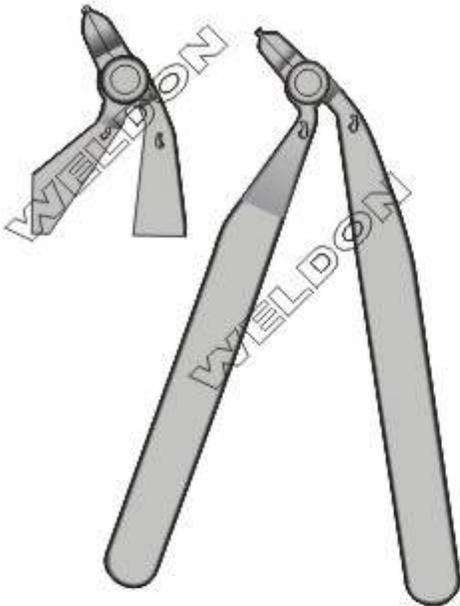
WD-296-026  
Mini Pin & Ligature Cutter



WD-296-027  
Hard Wire Cutter Straight



WD-296-028  
Micro-Mini Pin & Ligature Cutter



WD-297-029  
E-Z Ligature  
Placer



WD-297-030  
Angled Direct Bone  
Bracket Remover  
TC



WD-297-031  
Distal End Cutter Safety Hold Is  
Idea For Cutting Wires  
Within The Patient's Mouth  
TC



WD-297-032  
Direct Bonding Bracket  
Remover (Wide) Plier  
TC

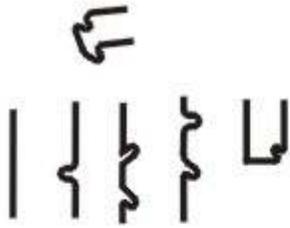


WD-297-033  
Pin & Ligature Cutter  
TC



WD-297-034  
Direct Bracket Remover

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**Nance**  
**WD-298-035**  
 Loop Closing Plier, For Bending  
 Of Stop Loops & Adams' Clamps  
 Wire Up To 0.7 mm / 22" x 0.28"



**WD-298-036**  
 Plier For Double Bars



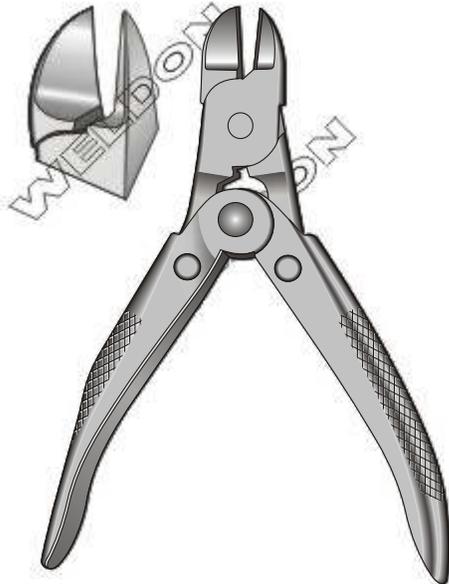
**WD-298-037**  
 Hard Wire Cutter Up To  
 56 mm / 0.22" x 71 mm / 0.28"



**WD-298-038**  
 Heavy Duty Wire Cutter Unique Joint  
 Wires Up To .080"  
 This Cutter In Not Autoclavable



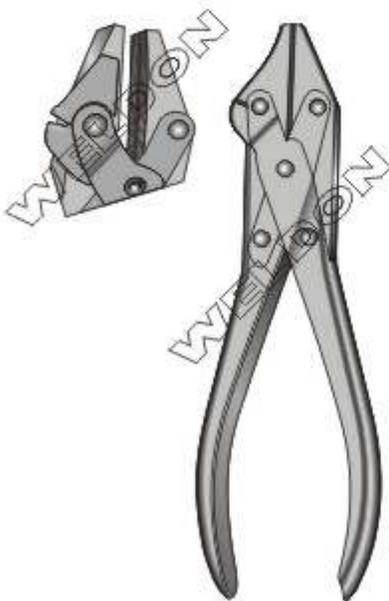
**WD-298-039**  
 Extra-Heavy Wire Cutter Heavy Duty  
 To Cut All Archwires & Retainer  
 Wires Up To .060"



WD-299-040  
Hard Wire Cutters  
0.82 mm / 0.32" To 1.50 mm / 0.57"



WD-299-041  
Hard Wire Cutters  
0.80 mm / 0.32" To 1.50 mm / 0.57"



Univrsal  
WD-299-042  
Face Bow Bending & Cutting Pliers  
Max 1.80 mm / 0.71"

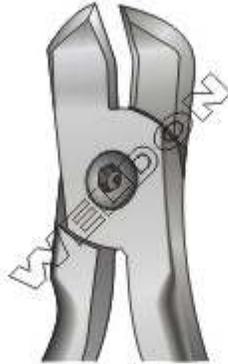


Magnm  
WD-299-043  
Face Bow Bending & Cutting Pliers  
Max 1.80 mm / 0.71"

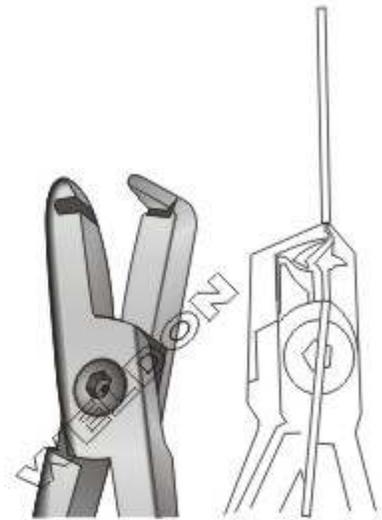
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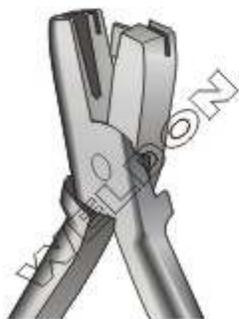
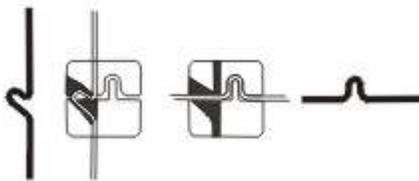
**WD-300-044**  
Micro-Minature Light Wire Cutter (With Stop Screw). Stop Screw Prevents Tip Damage Due To Overstressing Cutter. Caution: Maximum Cutting Capacity: Soft Ligature Wire Up To .012" .



**WD-300-045**  
Distal End Cutter - Safety Hold  
Maximum Cutting Capacity Archwires Up To .022" x .028". Rectangular Round Wires Up To .020".



**WD-300-046**  
Micro-Distal End Cutter - Safety Hold



**Nance**  
**WD-300-047**  
Loop Closing Plier, For Bending Of Stop Loops & Special Plier For Adams' Clamps. Wires Up To 0.7 mm / 0.22" x 0.28"



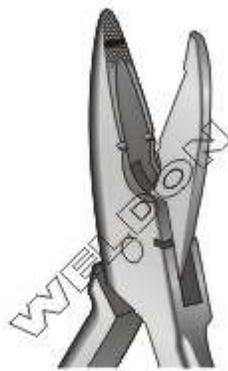
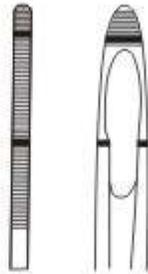
**Universal**  
**WD-300-048**  
Universal Pin Roughing, Cutting & Bending Plier. For Wires Up To 0.035" . Will Cut Wires Up To 0.028"



**Universal**  
**WD-300-049**  
Universal Pin, Raughing, Cutting & Bending Plier. For Wires Up To 0.035". Will Cut Wires Up To 0.028".



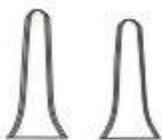
Universal  
WD-301-050  
Cutting, Max 0.7 mm



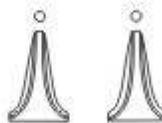
Waldsachs  
WD-301-051  
Wire, Bending & Cutting Forming, Wires Up  
To 1 mm / 0.39", Will Cut Wires Up To 0.7 mm / 0.28"



WD-301-052  
Round & Concave Plier  
For Loop Forming & Bending  
Wires Up To .020".



Reynolds  
WD-301-053  
Contouring Plier

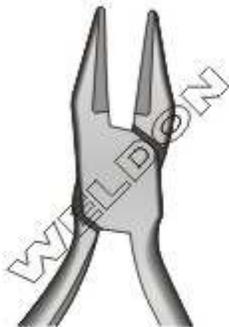
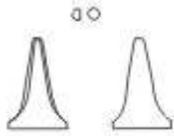


WD-301-054  
Double Rounded Jaw Wire Bending Plier  
Wires Up To 0.30".

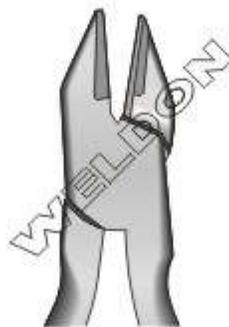
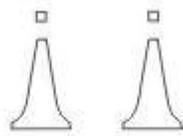


WD-301-055  
Round Nose Wire Bending Plier.  
Wire Up To 0.20".

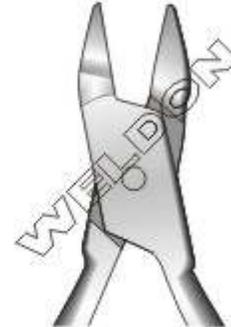
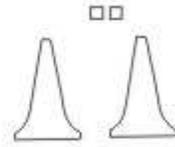
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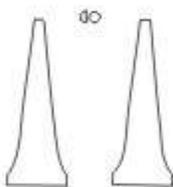
**WD-302-056**  
 Angled  
 Bird Beak Plier For Bending Round, Square Or  
 Rectangular Wire Up To .030".



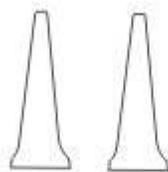
**Adams**  
**WD-302-057**  
 Adams Plier For Bending Wire Up To .030".



**Adams**  
**WD-302-058**



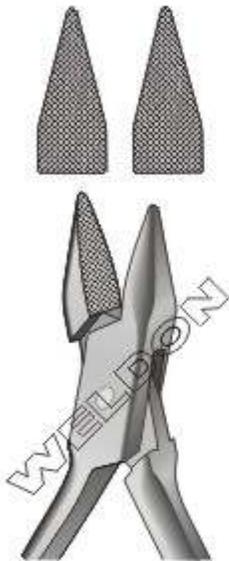
**WD-302-059**  
 Light Wire Bird Beak Plier For Bending Round,  
 Square Or Rectangular Wire Up To .016"



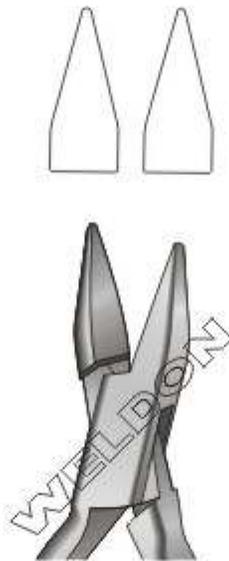
**WD-302-060**  
 Flat Nose Plier With Smooth Beaks For  
 Bending Wire Up To .030"



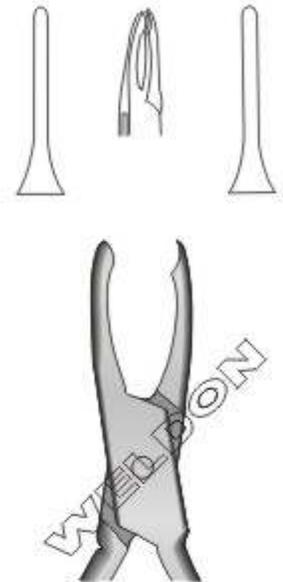
**WD-302-061**  
 Bending Wire Up To 0.76 mm / 0.30"



WD-303-062  
Bending Wire Up To 0.76 mm / 0.30"



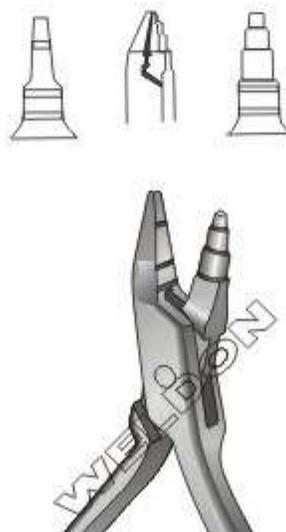
WD-303-063  
Bending Wire Up To 0.76 mm / 0.30"



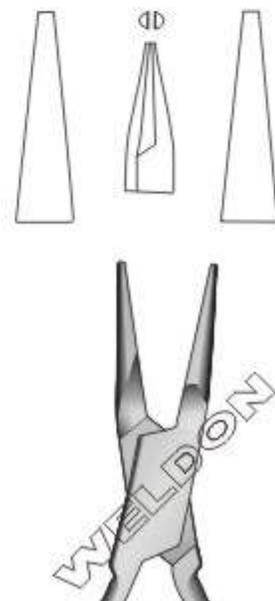
Johnson  
WD-303-064



Nance  
WD-303-065



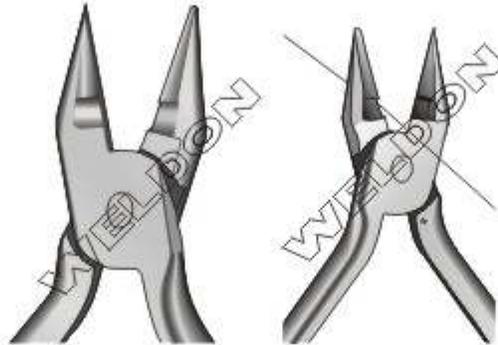
Young  
WD-303-066  
Wires Up To 0.7 mm / 0.28"



WD-303-067



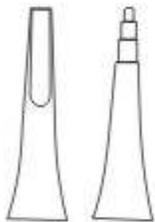
**Makelops**  
**WD-304-068**  
 Wires Up To 1.5 mm / 0.59"



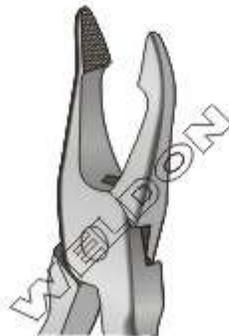
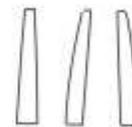
**Angle**  
**WD-304-069**  
 Bird Beak Plier For Bending Round,  
 Square Or Rectangular Wires Up To .030". With Cutter



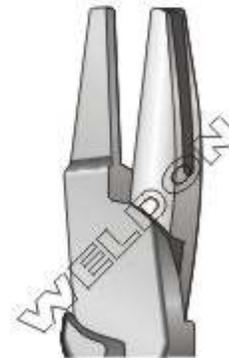
**Tweed (Angle)**  
**WD-304-070**  
 Tweed (Angle) Arch Bending Plier - Short  
 - Plier With Blades (10 mm) Designed For  
 Convenient Handling Of Square Or  
 Rectangular Wire, The Blades Are Parallel At  
 0.20" Plier Opening.



**Tweed**  
**WD-304-071**  
 Wire Up To 0.7 mm / 0.28"



**Weingart**  
**WD-304-072**  
 Utility Plier "Sure-Grip" Serrated  
 Pads Are Near The Plier's Center Of Rotation  
 For Better Balance.



**Aderer**  
**WD-304-073**  
 Three Jaw Wire Bending Plier. The  
 Precision-Aligned Tips Insure Consistent  
 Bends. Gradually Tapered For Delicate Bending.



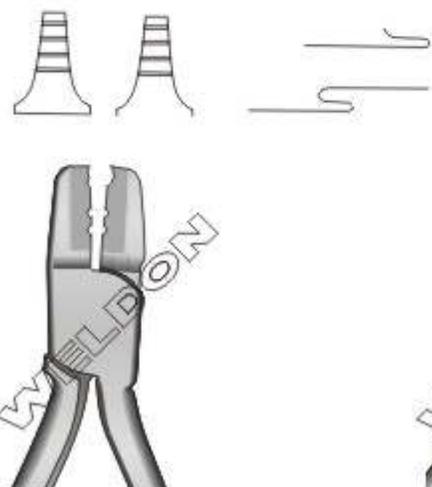
**Aderer**  
WD-305-074  
Three Jaw Wire Bending Plier.  
For Wire & Clamps Adjusting & Contouring.



**How**  
WD-305-075  
How Plier - Regular - Well Balanced For  
Optimum Control. Completely Lip-Safe Beaks.



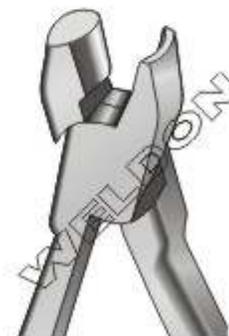
**How**  
WD-305-076  
How Plier - Offset - Utility Plier  
With 45° Offset Angle Of Tips.



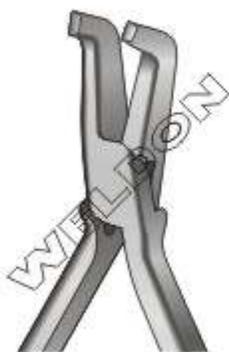
**WD-305-077**  
Lingual Arch Plier Used To Form Double &  
Triple Back Bends In .030" Or .036" Wire for  
Insertion in Lingual Sheaths.



**De La Rosa**  
WD-305-078  
De La Rosa Arch Forming Plier - Grooved.  
The Beak Has Grooves Of  
.016", .018" & .022".



**De La Rosa**  
WD-305-079  
Arch Forming Plier-Non Grooved -  
Modified With A Non Grooved Contouring  
Surface For The Forming Of Precise Arches.



**WD-306-080**  
Direct Bond Attachment Remover (Angled).



**Tweed**  
**WD-306-081**  
Tweed Loop Forming Plier. For Making Loops In Square Or Rectangular Wires Up To 0.022" x 0.028". The Replaceable Cylindrical Beak Has Three Diameter Sections: 0.045", 0.060", 0.075"



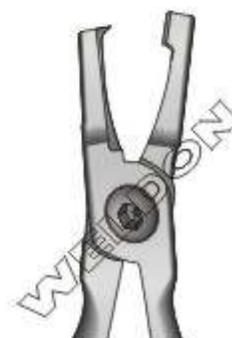
**Tweed**  
**WD-306-082**  
Omega Loop Forming Plier. For making Perfect Omega Loops In Square Or Rectangular Wires Up To .022" x .028".



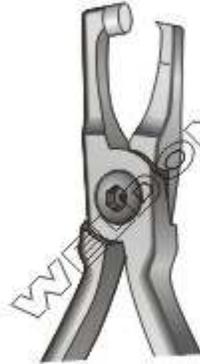
**WD-306-083**  
Single Diameter Loop Forming Plier. The Replaceable Cylindrical Beak Has Only One Diameter Section Of .060" & .270" In Length.



**WD-306-084**  
Direct Bonding Bracket Remover (Wide)  
The Tips Wedge Between Edges Of Bracket Base & Tooth Surface



**WD-306-085**  
Direct Bonding Bracket Remover With Pad (Wide).



**WD-307-086**  
Direct Bonding Bracket Remover With Pad  
The Tip Is Narrow Tip



WD-307-086A  
4.8 mm (3/16")

WD-307-086B  
4.4 mm (1/4")

Replacement Pads For Pliers  
WD-307-086A  
WD-307-086B



**WD-307-087**  
Posterior Band Remover  
Short



**WD-307-088**  
Posterior Band Remover  
Long



**WD-307-089**



**WD-307-090**



**WD-307-091**  
Wire Cutter. It Cuts Ligature Wires & Pins Of  
Any Size. It Is Strong Enough To Bend  
Archwire Ends After Distal Cutting.  
Max. Archwire Up To .022" x .028".

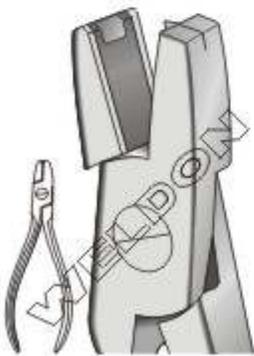
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Schwarz  
WD-308-092  
Arrow Clamps Forming & Bending Pliers



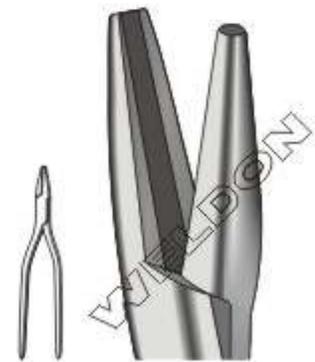
Schwarz  
WD-308-093  
Arrow Clamps Forming & Bending Pliers  
Max 0.70 mm / 0.28"



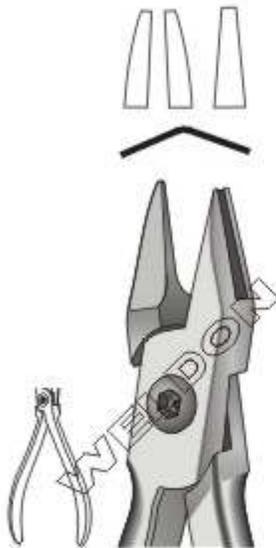
Nance  
WD-308-094  
Adams Clamps Forming Pliers  
Max 0.70 mm / 0.28"



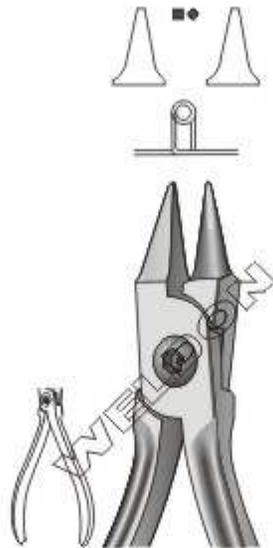
Aderer  
WD-308-095  
Facebook Loop Forming Pliers  
Max 1.60 mm / 0.63"



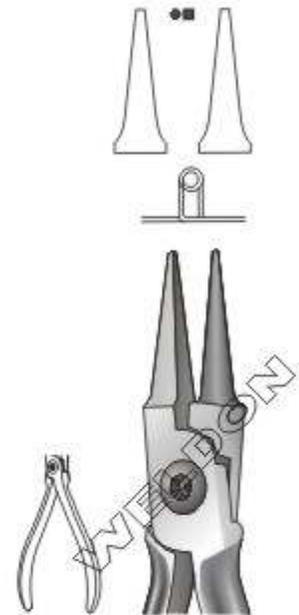
Mckellops  
WD-308-096  
Loop Forming Pliers  
Max 1.80 mm / 0.32"



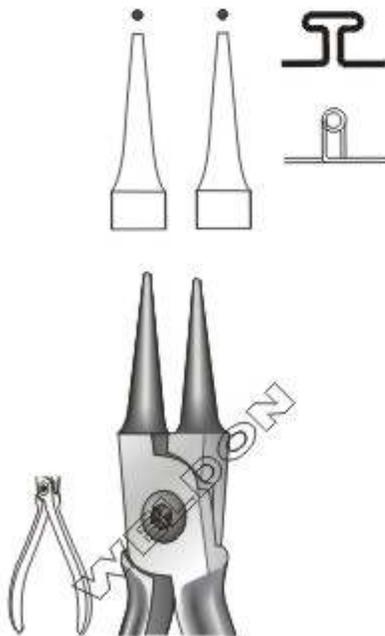
**Aderer Clamps**  
WD-309-097  
Three Jaw Wire Bending Plier For Contouring  
& Bending Wire Up To 76 mm / 30"



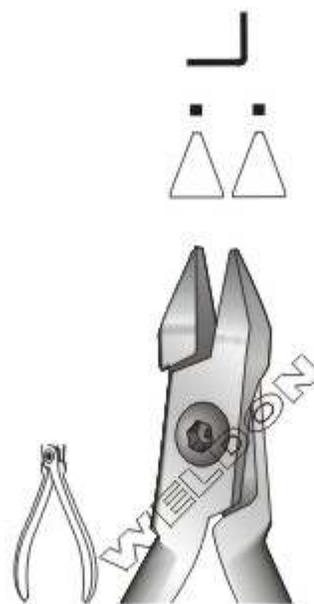
**Bird Beak Plier**  
WD-309-098  
For Bending Round Square & Rectangle  
Wire Up To 76 mm / 30"



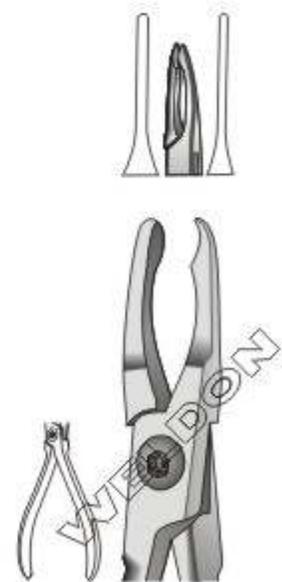
**Bird Beak Plier**  
WD-309-099  
For Light Wire Bending Round  
Square & Rectangular  
Wire Up To 0.41 mm / 0.16"



**WD-309-100**  
Double Round Jaw Bending Pliers Hooks &  
Wire Up To 0.51 mm / 0.20"

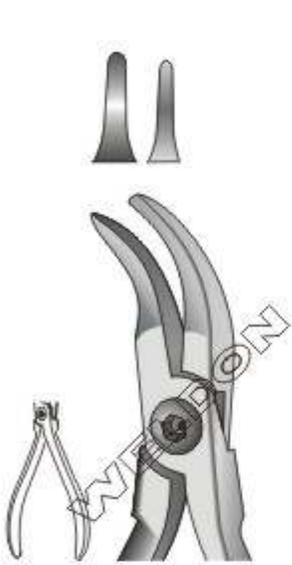


**Adams Pliers**  
WD-309-101  
For Hooks & Bending  
Wire Up To 0.76 mm / 0.30"

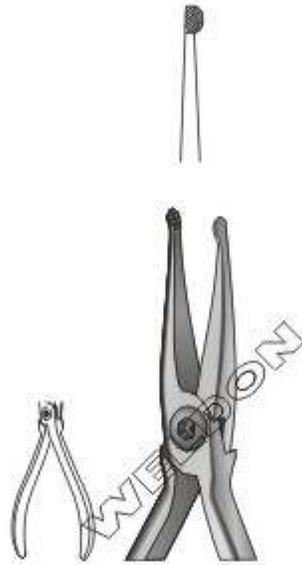


**Johnson Pliers**  
WD-309-102  
For Crown Band Contouring

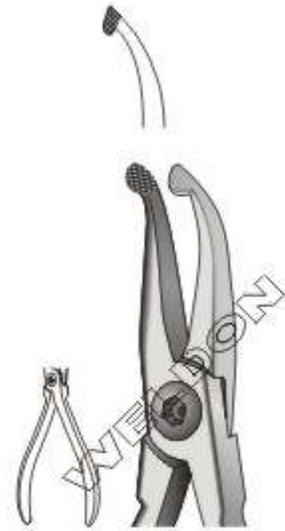
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WD-310-103  
Falcon Beak Contouring Plier



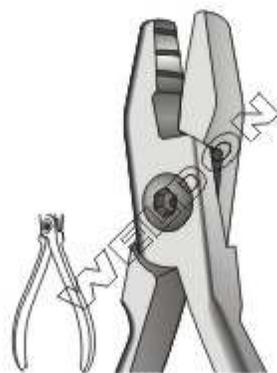
WD-310-104  
For Placements & Removal  
Of Arch Wires, Pins &  
Other Auxiliaries



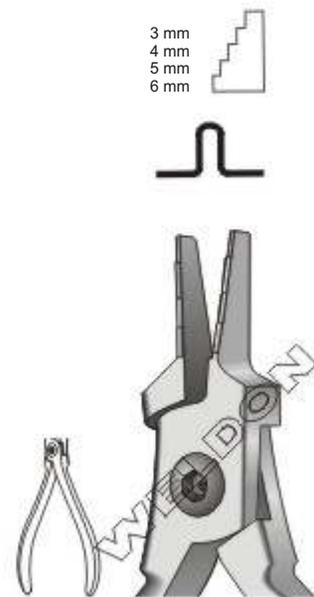
WD-310-105  
For Placements & Removal  
Of Arch Wires, Pins &  
Other Auxiliaries In Angles Design



WD-310-106  
Contouring Plier



WD-310-107  
Bending Plier. In Order To Skirt  
Molares Bands. With Grooved  
Recommended Wire  
0.4 mm / 0.16" x 0.46 mm / 0.18" x 0.56 mm / 0.22"



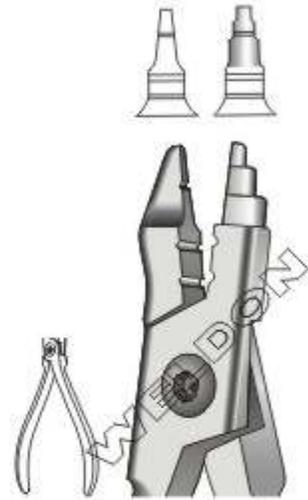
WD-310-108  
Loop Forming In Four Length  
3,4,5 & 6 mm Wire Capacity



**WD-311-109**  
Arch Bending Plier. Design For  
Convenient Handling Of Square Or  
Rectangular Wire, 0.51 mm / 0.20"



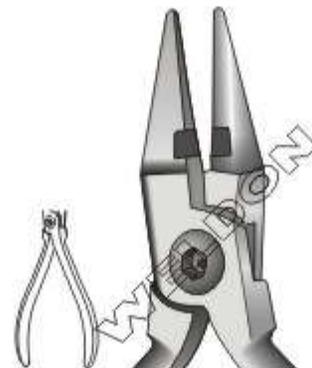
**WD-311-110**  
In Order To Skirt Bands & Crowns



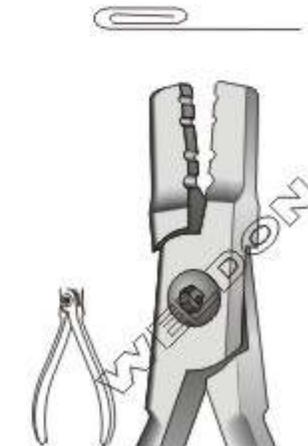
**WD-311-111**  
Wire Up To  
0.7 mm / 0.20"



**WD-311-112**  
Round & Concave Plier For Loop  
Forming & Banding  
Wire Up To 0.51 mm / 0.20"

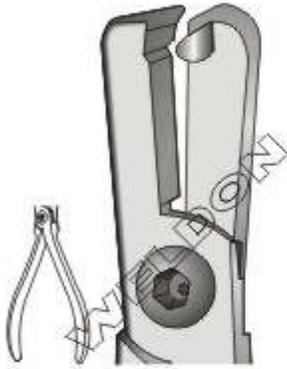


**WD-311-113**  
Banding For Round Square  
or Rectangular  
Wire Up To 0.76 mm / 0.30"

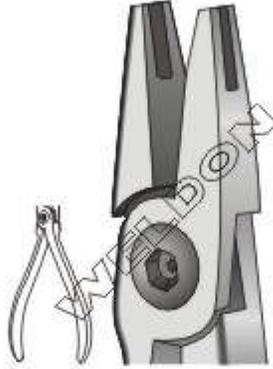


**WD-311-114**  
For Double Back & Triple Back  
In 76 mm / 0.30" x 91 mm / 0.36"  
Lingual Arch Wires

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**WD-312-115**  
Detailing Step Plier Double-Sided  
Offset Beak Permits Bayonet Bends  
Creates Right Hand Or Left Hand  
Step-Up Or Stepdown At 1/2, 3/4, Or  
1 mm Increments



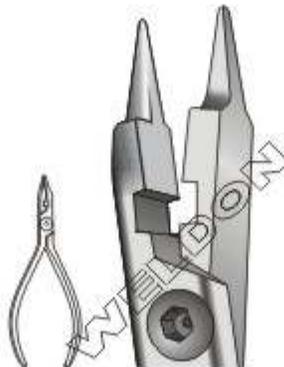
**WD-312-116**  
"V" Bend Stop Special Design Makes  
1 mm "V" Bends To Shorten Archwires  
or Provide A Positive Stop. Excellent  
For Placing Stops In Nitium Wires.  
For Round Or Rectangular Wires Up To 0.25"



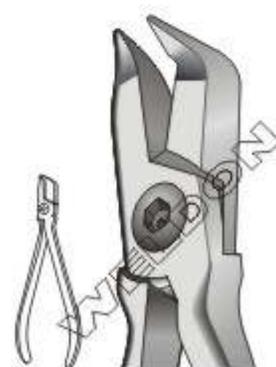
**How**  
**WD-312-117**  
Angle How Plier Efficient Utility Plier  
With Serrated Beaks For A Firm Grip  
45° Angled Tips To Access  
Hard To Reach Areas



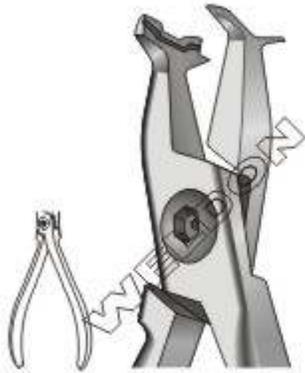
**WD-312-118**  
Weingart Plier, Serrated Tips,  
Hold Wires Firmly At A Convenient Working Angle  
Tapered Beaks Fit Easily  
Between Brackets & Hard To Reach  
Areas. Our Most Popular Utility Plier



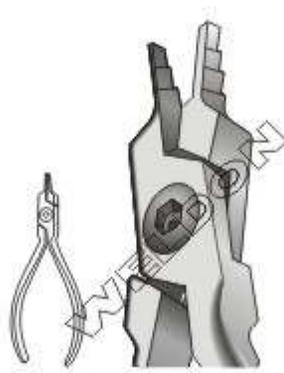
**WD-312-119**  
Multi-Purpose Pliers, Bird Beak,  
De La Rosa & Cutting In One  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / 180° x 0.56 mm / 0.22"



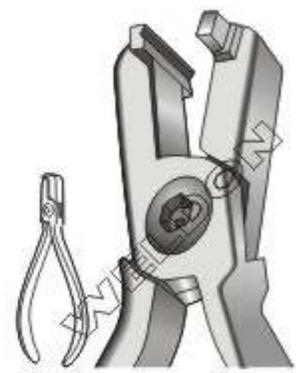
**WD-312-120**  
Cinch Back / Tie Back  
Distal End Bending Pliers  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



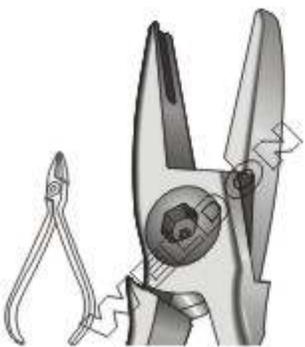
**Hammer Head**  
**WD-313-121**  
Distal End Bending Pliers  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



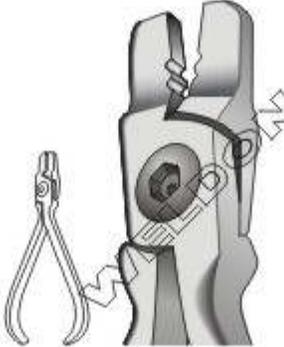
**Nance**  
**WD-313-122**  
Loop Forming Pliers  
0.36 mm / 0.14" To 0.71 mm / 0.28"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



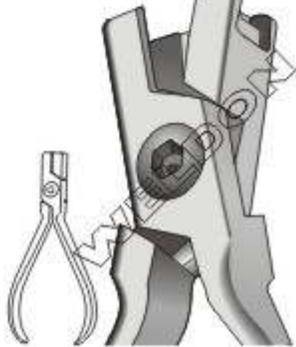
**WD-313-123**  
Detailing Step Pliers / Bayonet  
Bending Pliers - 1 mm  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**WD-313-124**  
Stop Pliers V-Bebed 1 mm  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.43 mm / 0.17" x 0.56 mm / 0.28"

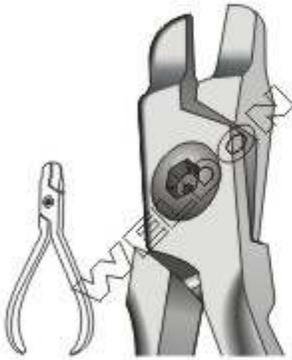


**WD-313-125**  
Lingua / Palata Arch Forming Plier  
0.76 mm / 0.30" x 0.90 mm / 36"

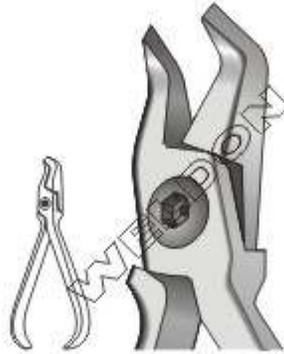


**WD-313-126**  
Torquing Pliers Set

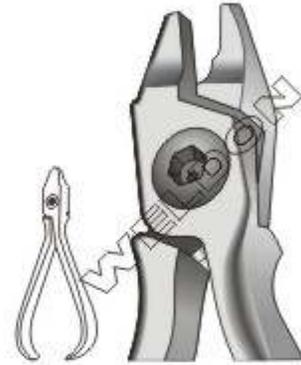
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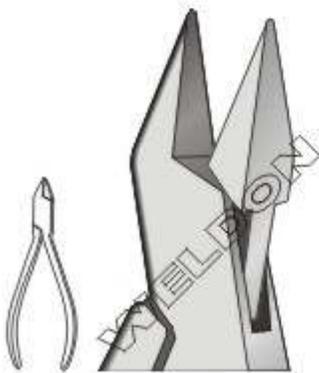
**WD-314-127**  
Tweed / Angel  
Rectangular Arch Forming  
& Torquing Pliers  
0.30 mm / 0.12" To 0.71 mm / 0.28"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**WD-314-128**  
Surgical Ball Hook  
Crimping Pliers, Angled



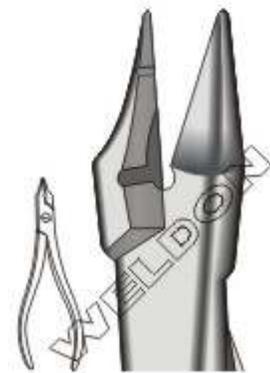
**WD-314-129**  
Surgical Ball Hook  
Crimping Pliers, Straight



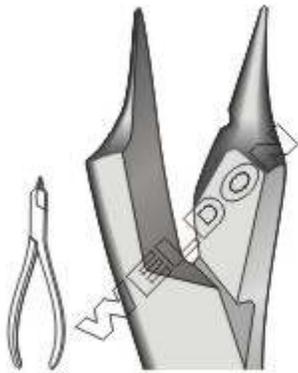
**Admas**  
**WD-314-130**  
Wire Bending Pliers  
0.30 mm / 0.14" To 0.81 mm / 0.32"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**Admas**  
**WD-314-131**  
Wire Bending Pliers  
0.30 mm / 0.14" To 0.81 mm / 0.32"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**WD-314-132**  
Universal Small  
Wire Bending & Cutting Pliers  
Bend 0.9 mm / 0.36"  
Cuts 0.7 mm / 0.28"



**WD-315-133**  
Universal Dolphin Style  
Wire Bending & Cutting Pliers  
Bend 0.9 mm / 0.36"  
Cuts 0.7 mm / 0.28"



**WD-315-134**  
Universal Taper Style  
Wire Bending & Cutting Pliers  
Bend 0.9 mm / 0.36"  
Cuts 0.7 mm / 0.28"



**Waldsachs**  
**WD-315-135**  
Wire Bending & Cutting Pliers  
Bend 0.9 mm / 0.36"  
Cuts 0.7 mm / 0.28"



**WD-315-136**  
Wire Bending & Cutting  
0.70 mm / 0.28" To 1.00 mm / 0.40"  
TC



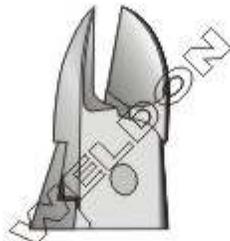
**WD-315-137**  
Hard Wire Cutter  
0.70 mm / 0.28" To 1.00 mm / 0.40"  
TC



**WD-315-138**  
Hard Wire Cutter  
0.60 mm / 0.24" To 1.80 mm / 0.32"  
TC



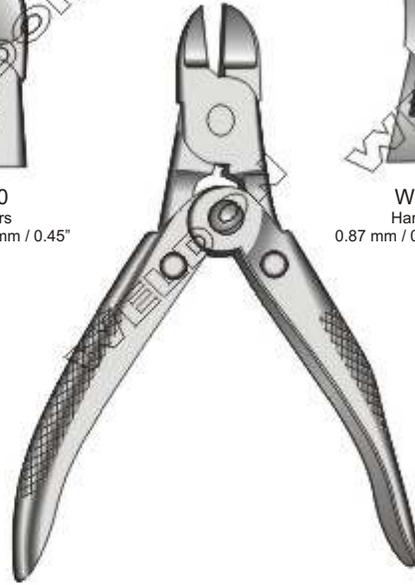
WD-316-139  
Hard Wire Cutters  
0.60 mm / 0.24" To 1.80 mm / 0.32"  
TC



WD-316-140  
Hard Wire Cutters  
0.87 mm / 0.28" To 1.1 mm / 0.45"



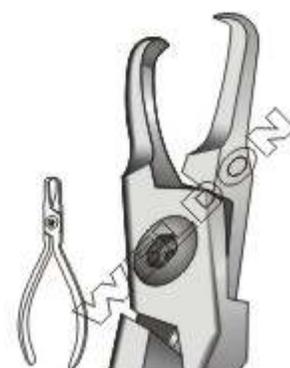
WD-316-141  
Hard Wire Cutters  
0.87 mm / 0.28" To 1.1 mm / 0.45"



WD-316-142  
Band Removing Pliers



WD-316-143  
Bracket Removing Pliers  
Angled



WD-316-144  
Bracket Removing Pliers  
Straight



**WD-317-145**  
Bracket Removing Pliers  
With Plastic Tip



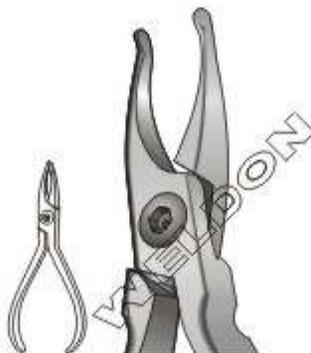
**WD-317-146**  
Adhesive Removing Pliers



**Weingart-Mini**  
**WD-317-147**  
Utility Pliers  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**Weingart**  
**WD-317-148**  
Utility Pliers  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"

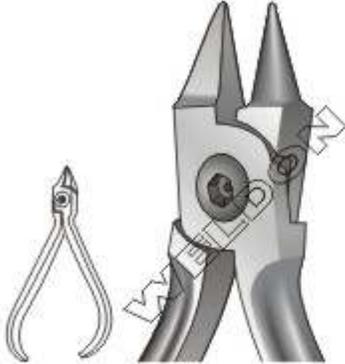


**How**  
**WD-317-149**  
Utility Pliers, Straight  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"

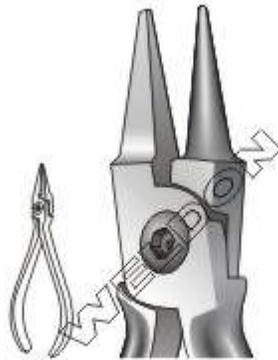


**WD-317-150**  
Utility Pliers, Angled  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" X 0.71 mm / 0.28"

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**WD-318-151**  
Wire Bending & Loop Forming Pliers  
Angled (Bird Beak)  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



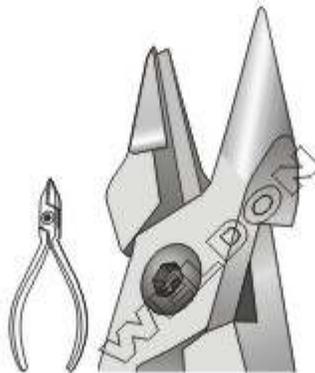
**WD-318-152**  
Light Wire Bending & Loop  
Forming Pliers  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.41 mm / 0.16" x 0.56 mm / 0.22"



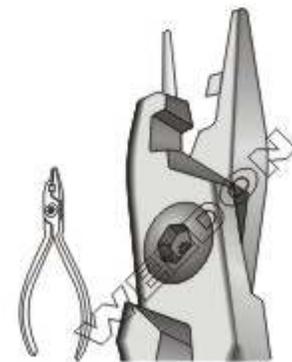
**WD-318-153**  
Light Wire Bending Pliers  
Fitted With Hard Metal Tips Cutter  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / 0.18" x 0.56 mm / 0.22"



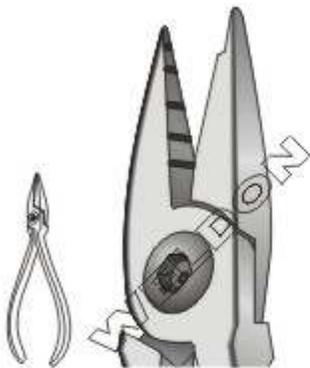
**WD-318-154**  
Light Wire Bending &  
Loop Forming Pliers With Cutter  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / 0.18" x 0.56 mm / 0.22"



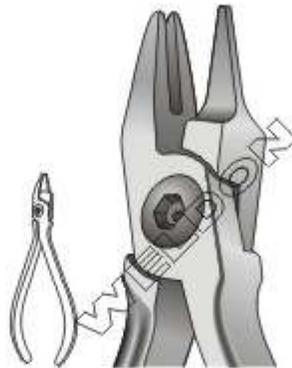
**WD-318-155**  
Light Wire Bending &  
Loop Forming Pliers, Grooved Tip  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / 0.18" x 0.56 mm / 0.22"



**Tweed**  
**WD-318-156**  
Loop Forming Pliers With Cutter  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.53 mm / 0.21" x 0.64 mm / 0.25"



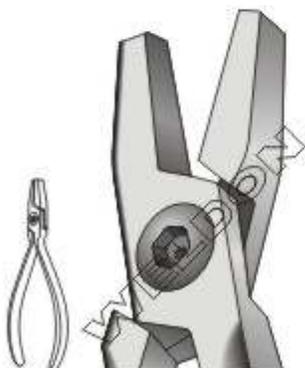
**Jarabak**  
WD-319-157  
Light Wire Bending Pliers  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / 0.18" x 0.56 mm / 0.22"



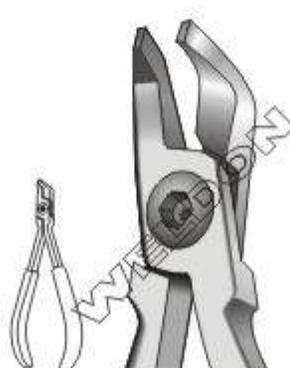
**Aderer**  
WD-319-158  
3 Jaw Wire Bending Pliers  
0.30 mm / 0.18" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**WD-319-159**  
Ligature Forming Pliers  
25 mm / 0.10" To 38 mm / 0.15"



**Hollow-Chop**  
WD-319-160  
Archwire Forming Pliers  
Concave & Convex Tips  
0.30 mm / 0.12" To 0.71 mm / 0.28"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"

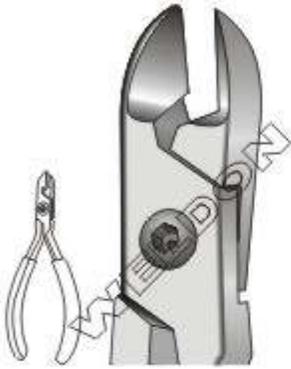


**WD-319-161**  
Mini Head Distal End Cutter With  
Safety Hold, Long Handles Fitted With  
Un-Breakable, Corrosion Resistant &  
Durable Stainless Steel Tips  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.53 mm / 0.21" x 0.64 mm / 0.25"  
0.38 mm / 0.155" To 0.53 mm / 0.215"  
Max 0.53 mm / 0.21" x 0.64 mm / 0.25"

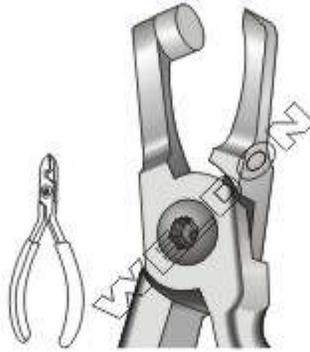


**WD-319-162**  
Hard Wire Cutter, 15° Angled  
Fitted With Un-Breakable, Corrosion  
Resistant & Durable Stainless Steel Tips  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"

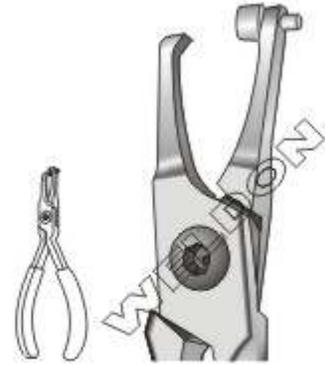
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**WD-320-163**  
Soft Wire & Ligature Cutter, Mini  
Fitted With Un-Breakable, Corrosion  
Resistant & Durable Stainless Steel Tips  
25 mm / 0.10" To 38 mm / 0.15"



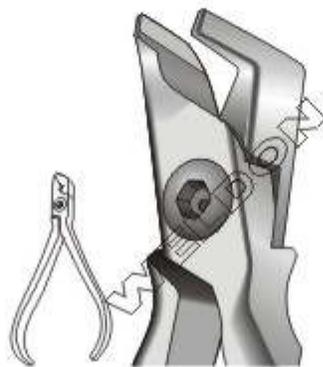
**WD-320-164**  
Band Removing Pliers



**WD-320-165**  
Band Removing Pliers With Plastic Tip



**Weingart**  
**WD-320-166**  
Utility Pliers  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**WD-320-167**  
Standard Distal End Cutter With  
Safety Hold. Fitted With  
Un-Breakable, Corrosion Resistant &  
Durable Stainless Steel Tips  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**WD-320-168**  
Mini Head Distal End Cutter With  
Safety Hold. Fitted With Un-Breakable,  
Corrosion Resistant &  
Durable Stainless Steel Tips  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.53 mm / 0.18" x 0.64 mm / 0.25"  
0.38 mm / 0.155" To 0.53 mm / 0.215"  
Max 0.53 mm / 0.21" x 0.64 mm / 0.25"



**WD-321-169**  
Distal End Cuter With Safety Hold  
Mini Head, Long Handles  
Fitted With Un-Breakable, Corrosion Resistant &  
Durable Stainless Steel Tips  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / 0.18" x 0.64 mm / 0.25"  
0.38 mm / 0.155" To 0.53 mm / 0.215"  
Max 0.53 mm / 0.21" x 0.64 mm / 0.25"



**WD-321-170**  
Flush-Cut Distal End Cuter With Safety Hold  
Fitted With Un-Breakable, Corrosion Resistant &  
Durable Stainless Steel Tips  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / x 0.64 mm / 0.25"



**WD-321-171**  
Soft Wire & Ligature Cutter, Mini  
Fitted With Un-Breakable, Corrosion Resistant &  
Durable Stainless Steel Tips  
25 mm / 0.10" To 38 mm / 0.15"



**WD-321-172**  
Soft Wire & Ligature Cutter, Standard  
Fitted With Un-Breakable, Corrosion Resistant &  
Durable Stainless Steel Tips  
25 mm / 0.10" To 38 mm / 0.15"



**WD-321-173**  
Soft Wire & Ligature Cutter, 15° Angled  
Fitted With Un-Breakable, Corrosion Resistant &  
Durable Stainless Steel Tips  
25 mm / 0.10" To 38 mm / 0.15"



**WD-321-174**  
Soft Wire & Ligature Cutter, 45° Angled  
Fitted With Un-Breakable, Corrosion Resistant &  
Durable Stainless Steel Tips  
25 mm / 0.10" To 38 mm / 0.15"



**WD-322-175**  
 Hard Wire Cuter, Straight  
 Fitted With Un-Breakable, Corrosion  
 Resistant & Durable Stainless Steel Tips  
 0.30 mm / 0.12" To 0.50 mm / 0.20"  
 Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



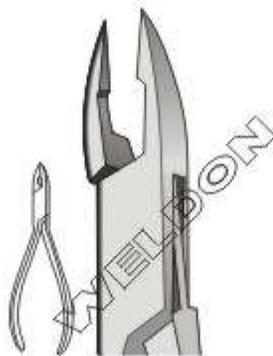
**WD-322-176**  
 Hard Wire Cuter, 15° Angled  
 Fitted With Un-Breakable, Corrosion  
 Resistant & Durable Stainless Steel Tips  
 0.30 mm / 0.12" To 0.50 mm / 0.20"  
 Max 0.56 mm / 0.22" X 0.71 mm / 0.28"



**WD-322-177**  
 Hard Wire Cuter, 15° Angled  
 Non-Autocalavable  
 0.30 mm / 0.12" To 0.50 mm / 0.20"  
 Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**Weingart Narrow**  
**WD-322-178**  
 Slim & Sleek Design With Long Handles  
 For Better Access To Posterior Area,  
 Also Suitable For Lingual Technique



**Micro**  
**WD-322-179**  
 Ligature Cutters  
 23 mm / 0.09" To 30 mm / 0.12"



**Mini**  
**WD-322-180**  
 Ligature Cutters  
 23 mm / 0.10" To 38 mm / 0.15"



**WD-323-181**  
Wire Bending & Loop Forming Pliers, Angled  
0.36 mm / 0.14" To 0.71 mm / 0.28"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**WD-323-182**  
Wire Bending & Loop Forming Pliers, Angled  
0.36 mm / 0.14" To 0.50 mm / 0.20"  
Max 0.41 mm / 0.16" x 0.56 mm / 0.22"



How  
**WD-323-183**  
Utility Pliers Standard, Straight  
4 mm Wide Tips  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



How  
**WD-323-184**  
Utility Pliers Standard, Angled  
4 mm Wide Tips  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



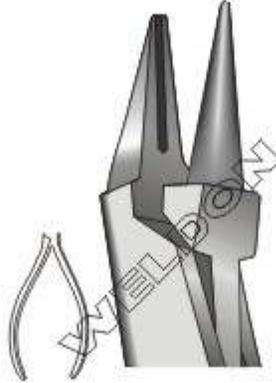
**WD-323-185**  
Mini  
2.4 mm Wide Tips, Straight  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



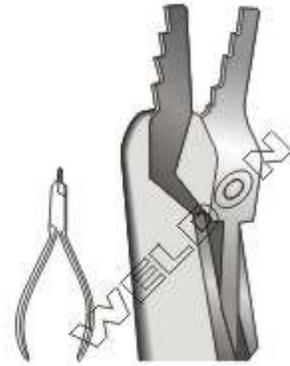
How  
**WD-323-186**  
Utility Pliers Mini  
2.4 mm Wide Tips, Angled  
0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**Tweed**  
**WD-324-187**  
 Loop Forming Pliers  
 0.36 mm / 0.14" To 0.64 mm / 0.25"  
 Max 0.53 mm / 0.21" x 0.64 mm / 0.25"



**Tweed**  
**WD-324-188**  
 Loop Forming Pliers  
 0.36 mm / 0.21" To 0.50 mm / 0.20"  
 Max 0.46 mm / 0.18" x 0.56 mm / 0.22"



**Nance**  
**WD-324-189**  
 Loop Forming Pliers  
 0.36 mm / 0.14" To 0.71 mm / 0.28"  
 Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



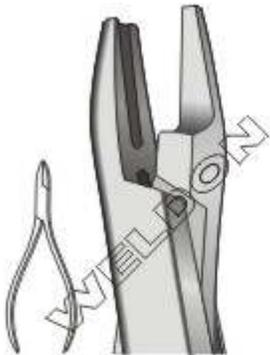
**De La Rose**  
**WD-324-190**  
 Arch Forming & Contouring Pliers  
 0.36 mm / 0.12" To 0.50 mm / 0.20"  
 Max 0.53 mm / 0.21" x 0.64 mm / 0.25"



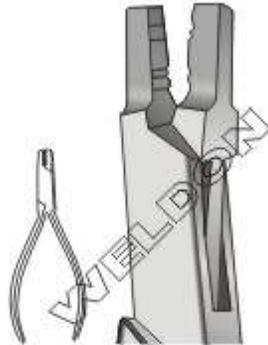
**Jarabak**  
**WD-324-191**  
 Light Wire Bending Pliers  
 0.36 mm / 0.18" To 0.50 mm / 0.22"  
 Max 0.46 mm / 0.12" x 0.56 mm / 0.20"



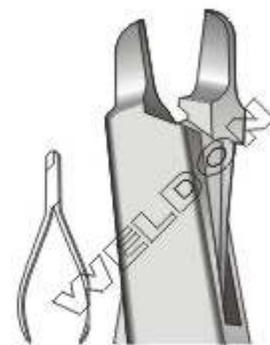
**WD-324-192**  
 Light Wire Bending & Loop Forming Pliers  
 0.36 mm / 0.12" To 0.50 mm / 0.20"  
 Max 0.41 mm / 0.16" x 0.56 mm / 0.22"



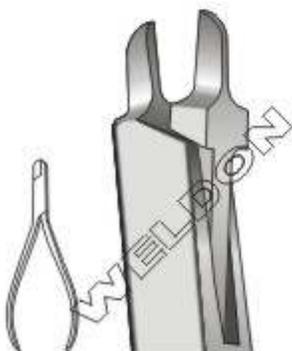
**Aderer**  
**WD-325-193**  
3-Jaw Wire Bending Pliers  
0.36 mm / 0.14" To 0.76 mm / 0.30"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



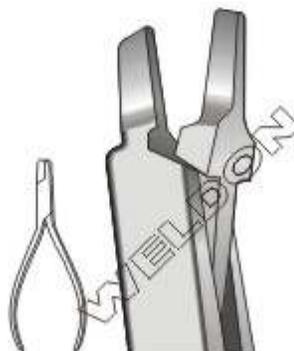
**WD-325-194**  
Lingual / Palatal Arch Forming Pliers  
0.76 mm / 0.091" To 0.30 mm / 0.036"



**WD-325-195**  
Slim 0.64 mm (0.025") Wide Tips  
Arch Forming & Torquing Pliers  
0.36 mm / 0.012" To 0.50 mm / 0.020"  
Max 0.41 mm / 0.016" x 0.56 mm / 0.022"



**WD-325-196**  
Angel 1.27 mm / 0.05" Wide Tips  
Arch Forming & Torque Pliers  
0.36 mm / 0.012" To 0.56 mm / 0.020"  
Max 0.53 mm / 0.021" x 0.64 mm / 0.025"



**WD-325-197**  
Tweed / Angel 1.78 mm / 0.07" Wide Tips  
Arch Forming & Torque Pliers  
0.36 mm / 0.012" To 0.71 mm / 0.028"  
Max 0.56 mm / 0.022" x 0.71 mm / 0.028"



**WD-325-198**  
Bracket Removing Pliers

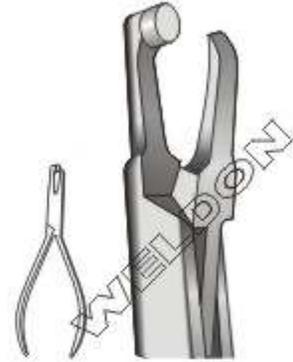
Pliers For Orthodontics & Prosthetics | Alicates Para Ortodoncia Y Prótesis  
Zangen Für Kieferorthopädie Und Prothetik



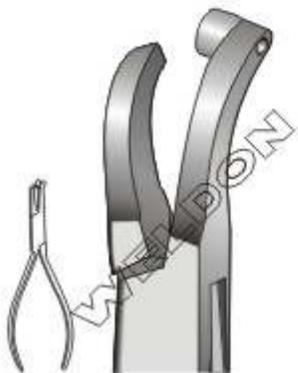
WD-326-199  
Bracket Removing Pliers



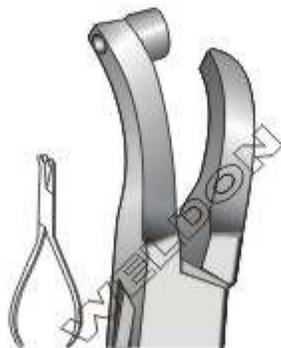
WD-326-200  
Band Removing Pliers



WD-326-201  
Band Removing Curved, Left & Right



WD-326-202  
Left



WD-326-203  
Right, Pliers For Bands



Johnson  
WD-326-204  
Contouring Pliers



Reynolds  
WD-327-205  
Contouring Pliers



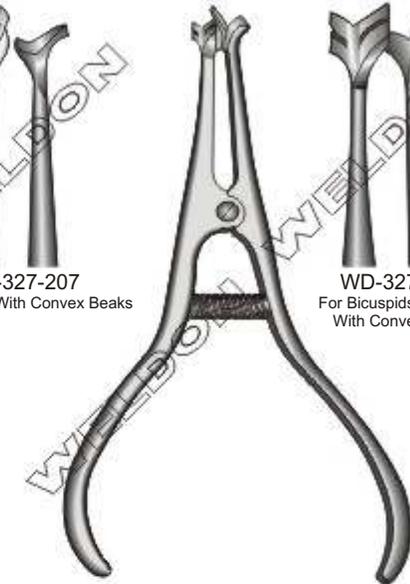
WD-327-206  
For Band Seating



WD-327-207  
For Incisors With Convex Beaks



WD-327-208  
For Bicuspsids & Molars  
With Convex Beaks



WD-327-209  
Straight  
Pliers Ball Hook Crimping



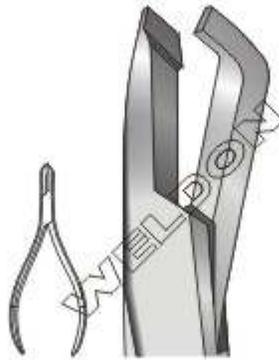
WD-327-210  
Angled  
Pliers Ball Hook Crimping



WD-327-211  
Micro Distal End Cutters  
With Safety Hold  
Max 0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / 0.18" To 0.64 mm / 0.25"  
Max 0.38 mm / 0.155" To 0.53 mm / 0.215"  
Max 0.53 mm / 0.21" To 0.64 mm / 0.25"  
TC



**WD-328-212**  
Mini  
Max 0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / 0.18" To 0.64 mm / 0.25"  
Max 0.38 mm / 0.155" To 0.53 mm / 0.215"  
Max 0.53 mm / 0.21" To 0.64 mm / 0.25"  
TC



**WD-328-213**  
Mini With Long Handles  
Max 0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / 0.18" To 0.64 mm / 0.25"  
Max 0.38 mm / 0.155" To 0.53 mm / 0.215"  
Max 0.53 mm / 0.21" To 0.64 mm / 0.25"  
TC  
Distal End Cutters With Safety Hold



**WD-328-214**  
Mini With Extra Long Off-Set Handles  
Max 0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.46 mm / 0.18" To 0.64 mm / 0.25"  
Max 0.38 mm / 0.155" To 0.53 mm / 0.215"  
Max 0.53 mm / 0.21" To 0.64 mm / 0.25"  
TC



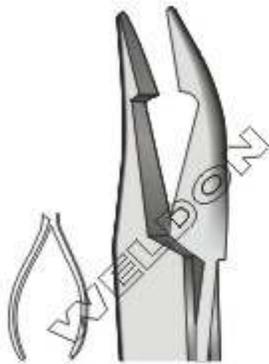
**WD-328-215**  
Distal End Bending Pliers  
Max 0.30 mm / 0.12" To 0.50 mm / 0.20"  
Max 0.56 mm / 0.22" To 0.71 mm / 0.28"



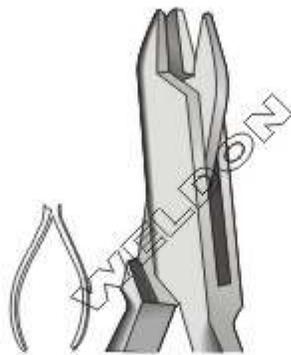
**Weingart Mini**  
**WD-328-216**  
Slim Design For Better Accessibility  
In Posterior & Lingual Areas



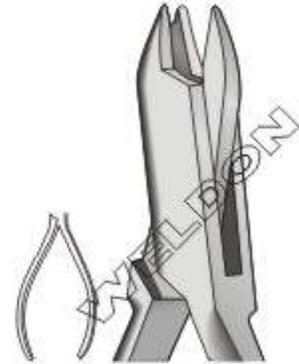
**Weingart Narrow**  
**WD-328-217**  
Narrow Long Tips For Better  
Access To Hard To Reach Areas



Weingrat  
WD-329-218  
Utility Pliers  
Standard



Aderer  
WD-329-219  
Small  
0.36 mm / 0.014" To 0.50 mm / 0.020"  
Max 0.53 mm / 0.021" x 0.64 mm / 0.025"



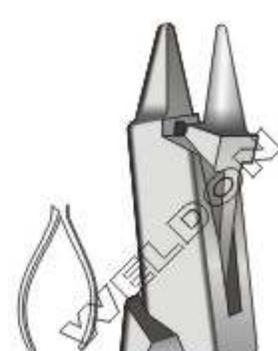
Aderer  
WD-329-220  
Medium  
0.36 mm / 0.014" To 0.71 mm / 0.028"  
Max 0.56 mm / 0.022" x 0.71 mm / 0.028"



Schwarz  
WD-329-221  
Small  
Max 0.50 mm / 0.020"



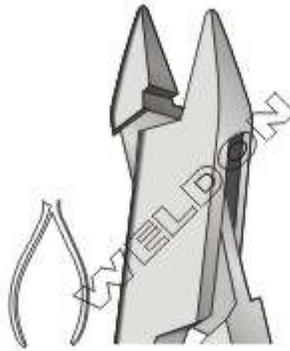
Schwarz  
WD-329-222  
Medium  
Max 0.70 mm / 0.028"  
Wire Bending & Loop Forming Pliers



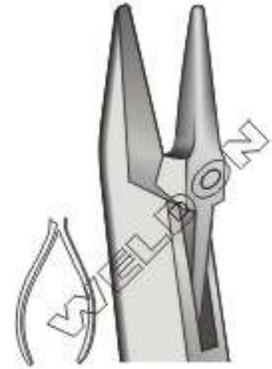
WD-329-223  
Angle  
0.36 mm / 0.014" To 0.71 mm / 0.028"  
Max 0.56 mm / 0.022" x 0.71 mm / 0.028"



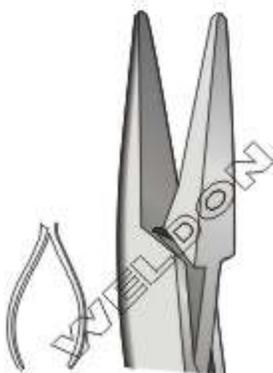
**WD-330-224**  
Angle  
0.36 mm / 0.14" To 0.71 mm / 0.28"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**Adams**  
**WD-330-225**  
0.36 mm / 0.14" To 0.71 mm / 0.28"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



**Adams**  
**WD-330-226**  
Small  
0.36 mm / 0.14" To 0.71 mm / 0.28"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



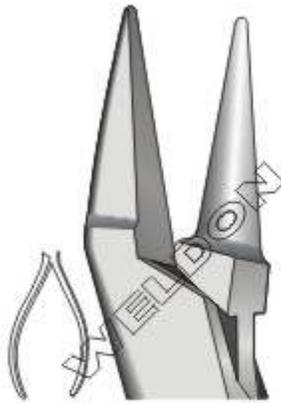
**WD-330-227**  
0.36 mm / 0.14" To 0.71 mm / 0.28"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



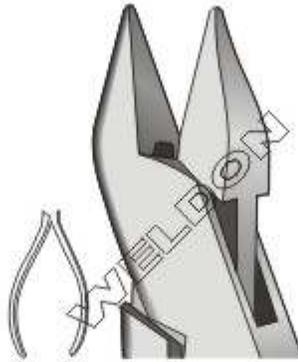
**Adams**  
**WD-330-228**  
Large  
0.36 mm / 0.14" To 0.81 mm / 0.32"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"  
Wire Bending & Loop Forming Pliers



**Young**  
**WD-330-229**  
0.36 mm / 0.14" To 0.71 mm / 0.28"  
Max 0.56 mm / 0.22" x 0.71 mm / 0.28"



Adams  
WD-331-230  
Large  
0.36 mm / 0.014" To 0.81 mm / 0.032"  
Max 0.56 mm / 0.022" x 0.71 mm / 0.028"



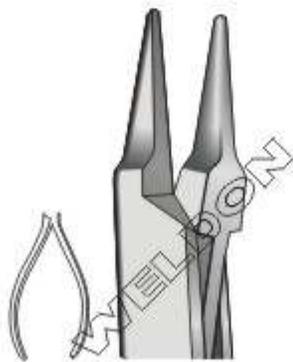
Aderer  
WD-331-231  
Large  
0.50 mm / 0.020" To 0.91 mm / 0.036"  
Max 0.56 mm / 0.022" x 0.71 mm / 0.028"



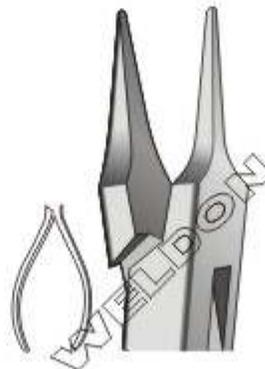
Schwarz Graduated  
WD-331-232  
Max 0.70 mm / 0.028"



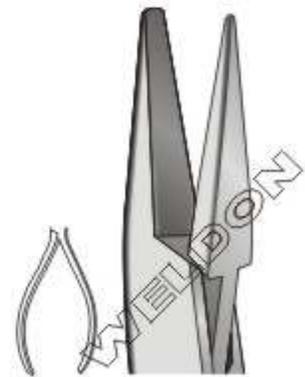
Schwarz Graduated  
WD-331-233  
Large  
Max 0.70 mm / 0.028"



Peeso  
WD-331-234  
Max 0.70 mm / 0.028"  
Wire Bending & Loop Forming Pliers



Peeso  
WD-331-235  
Max 0.70 mm / 0.028"



WD-331-236  
0.36 mm / 0.014" To 0.71 mm / 0.028"  
Max 0.56 mm / 0.022" x 0.71 mm / 0.028"



WD-332-001



WD-332-002



WD-332-003



WD-332-004

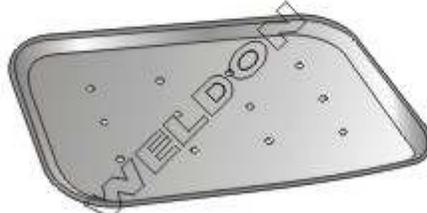


WD-332-005



WD-332-006


**Methot Jar**  
 WD-332-007  
 50 mm Ø x 75 mm  
 Without Lid

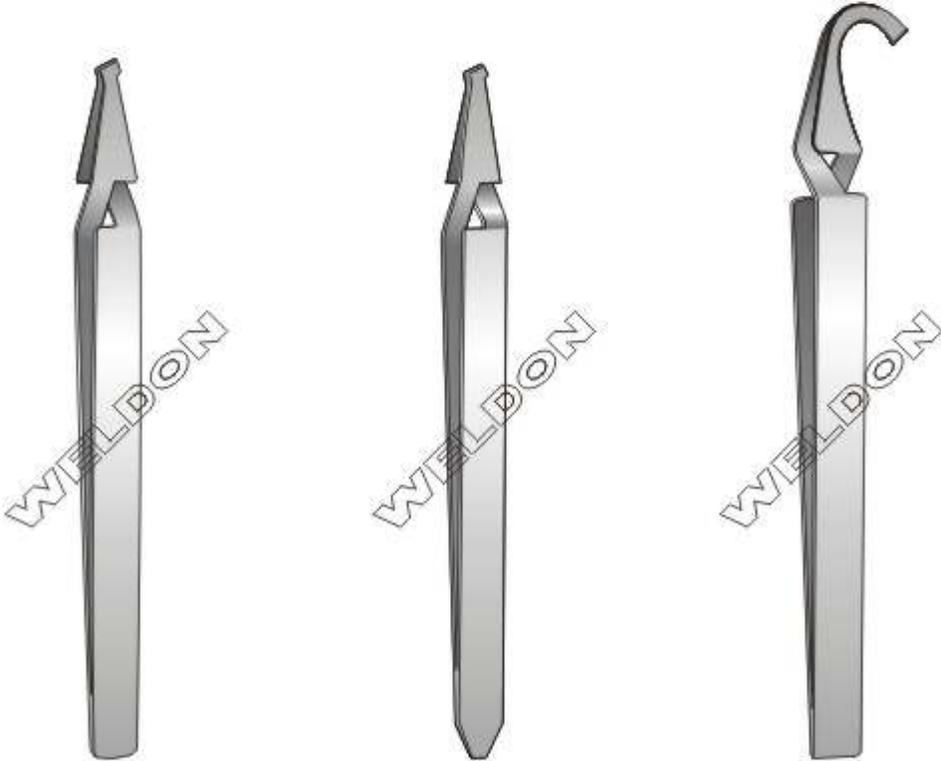
**Kidney Tray**  
 WD-332-008 150 mm  
 WD-332-009 200 mm  
 WD-332-010 250 mm  
 WD-332-011 300 mm

**Mayo Tray Perforate**  
 WD-332-012 150 x 100 x 25 mm  
 WD-332-013 200 x 100 x 25 mm  
 WD-332-014 220 x 120 x 25 mm  
 WD-332-015 240 x 140 x 25 mm  
 WD-332-016 200 x 150 x 25 mm  
 WD-332-017 250 x 200 x 25 mm  
 WD-332-018 300 x 250 x 25 mm  
 WD-332-019 300 x 200 x 25 mm  
 WD-332-020 350 x 250 x 25 mm  
 WD-332-021 400 x 300 x 25 mm  
 WD-332-022 450 x 300 x 25 mm  
 WD-332-023 450 x 350 x 25 mm

**Instruments Tray**  
 WD-332-024 150 x 100 x 50 mm  
 WD-332-025 200 x 100 x 50 mm  
 WD-332-026 220 x 120 x 50 mm  
 WD-332-027 240 x 140 x 50 mm  
 WD-332-028 200 x 150 x 50 mm  
 WD-332-029 250 x 200 x 50 mm  
 WD-332-030 300 x 250 x 50 mm  
 WD-332-031 300 x 200 x 50 mm  
 WD-332-032 350 x 250 x 50 mm  
 WD-332-033 400 x 300 x 50 mm  
 WD-332-034 450 x 300 x 50 mm  
 WD-332-035 450 x 350 x 50 mm

**Scalars Tray**  
 WD-332-036  
 200 x 100 x 25 mm

**Instrument Boxes with Lid**  
 WD-332-037 170 x 70 x 35 mm  
 WD-332-038 180 x 80 x 40 mm  
 WD-332-039 200 x 100 x 40 mm  
 WD-332-040 200 x 100 x 50 mm  
 WD-332-041 200 x 100 x 60 mm  
 WD-332-042 220 x 120 x 60 mm  
 WD-332-043 250 x 120 x 60 mm  
 WD-332-044 300 x 150 x 60 mm  
 WD-332-045 300 x 200 x 80 mm  
 WD-332-046 400 x 160 x 80 mm  
 WD-332-047 400 x 200 x 100 mm  
 WD-332-048 500 x 200 x 120 mm


Direct Bonding Bracket Holders - Self Holding



WD-333-049  
13.5 cm / 5¼"

WD-333-050  
13.5 cm / 5¼"

WD-333-051  
14 cm / 5½"

Band Seating & Removing Instrument



WD-334-052-SD  
WD-334-052-HH

WD-334-053-SD  
WD-334-053-HH

WD-334-054-SD  
WD-334-054-HH

WD-334-055-SD  
WD-334-055-HH



WD-335-001



WD-335-002



WD-335-003  
Folding Type, Cork Screw Point



WD-335-004



WD-335-005



WD-335-006



Euro  
WD-336-007  
Breech Loading Type  
1.8 ml



WD-336-008  
T-Handle Type  
1.8 ml



WD-336-009  
Euro Type  
1.8 ml



WD-336-010  
3-Ring Type  
1.8 ml



WD-336-011  
Euro Type  
1.8 ml  
Manual Aspitating Syringes



WD-336-012  
Type A  
1.8 ml



WD-337-013  
Type A  
1.8 ml



WD-337-014  
Type C  
1.8 ml



WD-337-015  
Euro Type  
1.8 ml



WD-337-016  
3-Ring Type  
1.8 ml



WD-337-017  
2-Ring Type  
1.8 ml



Euro  
WD-337-018  
Breech Loading Type  
1.8 ml



Euro  
WD-338-019  
Breech Loading Type  
1.8 ml



WD-338-020  
Disc System  
Self Aspirating Syringes  
1.8 ml



WD-338-021  
Disc System  
1.8 ml



WD-338-022  
Disc System  
1.8 ml



WD-338-023  
Projection System  
1.8 ml



WD-338-024  
Projection System  
1.8 ml



WD-339-025  
Type A



WD-339-026  
Qyatro Type  
1.8 ml



WD-339-027  
Trio Type  
1.8 ml



WD-339-028  
Type A  
1.8 ml



WD-339-029  
Type C  
1.8 ml



Euro  
WD-339-030  
Breech Loading Type  
1.8 ml



Pistol-Ject  
WD-340-031  
1.8 ml



WD-340-032  
Plastic Protection Tube

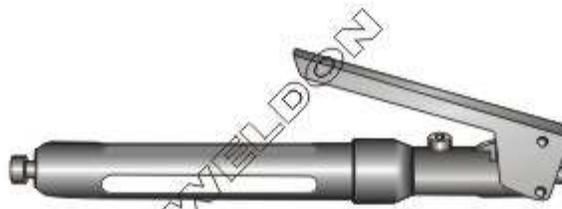
WD-340-033  
Anesthesia Ayringe  
In Black Colour



WD-340-034  
Swedish Type  
1.8 ml



Falcon-Ject  
WD-340-035  
Angled  
1.8 ml



Falcon-Ject  
WD-340-036  
Straight  
1.8 ml

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Instrument  
Care

&

Promotional  
Items

## Most Common Instrument Problems.

### Spotting (Light colored Spots)

**Cause:** Water droplets condensing on the instrument and evaporating very slowly. Usually traced to high mineral content in the water supply.

**Solution:** Follow the autoclave manufacturer's instructions exactly. Do not open the door until all the steam has been exhausted. Check for leaky gaskets or valves which may cause condensation during the drying cycle.

### Corrosion

**Cause:** Insufficiently rinsed or linens containing residue of caustic detergent chemicals.

**Solution:** Check with the laundry to be sure linens are rinsed thoroughly.

**Cause:** Baked-on blood in the box locks, serrations and ratchets.

**Solution:** Open all box locks completely prior to cleaning

### Rust Colored Film

**Cause:** Water softeners can cause rust colored, dust like film to occur under certain conditions. Also, if the water supply has a high iron content, mineral deposits on the instruments may result.

**Solution:** Consult with the hospital engineering staff for an evaluation of your water treatment program.

### Pitting

**Cause:** Exposure to saline solutions, blood potassium chloride and a number of other compounds.

**Solution:** Rinse with distilled water as soon as possible after exposure.

**Cause:** Some detergent contain chloride or an acid base that, if not thoroughly rinsed from the instruments, unites with steam in the autoclave to form hydrochloric acid.

**Solution:** Avoid detergents with chloride bases and select a detergent with a ph range no higher than 8.5.

### Staining (Purplish-Black Stain )

**Cause:** Amine chemicals, which are used in steam lines to clean lime deposits, can be deposited on stainless steel by electrolytic action.

**Solution:** Use distilled or de-mineralized water instead of the local water source to cycle through the autoclave.

### Eye & E.N.T

Microsurgical instruments are most vulnerable to damage through misuse, abuse & rough handling.

Since their exacting performance is extremely crucial to microsurgery, extra attention should be given to the care of microsurgical instruments.

## How to care for MicroSurgical Instruments

1. All microsurgical instruments should be carefully inspected when first purchased and after each use. Ideally a magnifying glass should be used to help in detecting flaws not visible to the naked eye. Look for burrs on tips, nicks on cutting edges and proper alignment of jaws.

2. Extra care should be taken during surgery wipe off all blood and debris after each use. Non-fibrous sponge should be used for this purpose to prevent snagging and breaking delicate tips.

3. All microsurgical instruments should be clean by hand and thoroughly dried before packing or storing. Avoid using a washer-sterilize ultrasonic cleaner.
4. Metal to metal contact should always be avoided. Special racks and cases are available for many delicate instruments and should be use to protect and separate tips.
5. Preventative maintenance should be done on all micro instruments. Regular sharpening, realignment and adjustment can save costly repairs of irreparable damage.
6. Microsurgical instruments should only be used for their intended purpose. The delicate construction can be easily damaged if used in cases other than microsugery.

## Sterilization

All surgical instruments must be sterilized prior to surgery to prevent infection.

But even sterilization can leave contaminants behind if instruments are not properly cleaned.

To prevent this, sterilize instruments with the ratchets open. This allows for better steam penetration.

Plus it prevents the box locks (hinge area) from cracking.

If using a pan or tray, we recommend perforated. This will also enable better steam penetration, and aids in more effective drying as well. For efficiency, place heavy instruments at the bottom and lighter, more delicate instruments on top.

If sterilizing in paper or plastic pouches, do not stack pouches on top of one another during sterilization. When possible, use a spiral metal letter holder as a standing aid. This will permit proper steam flow.

## Ultrasonic Cleaning

**Tip :** A heated tank does not significantly improve cleaning. Generally speaking, there is no measurable improvement in cleaning-- or timing -- when heat is applied to the solution. So, a heater is not a necessary feature in choosing an ultrasonic cleaner.

A method of cleaning that is growing in popularity is ultrasonic cleaning. This method is, by far, the most efficient and effective available today. Its ease of use and superior efficiency is quickly making ultrasonic cleaning the preferred choice for today's surgeons.

In fact, ultrasonic cleaning is 16 times more efficient than hand-cleaning. Place instruments in the ultrasonic unit for 10-15 minutes and use a neutral pH solution. Here are a few more tips for ultrasonic cleaning:

Before placing into the ultrasonic unit, clean instruments of all visible debris by washing them in an approved instrument cleaning solution.

Don't mix dissimilar metals (such as aluminum and stainless) in the same cycle. Make sure instruments have plenty of room. Don't overload your ultrasonic cleaner.

As with all types of cleaning, open all instruments so ratchets & box locks are fully exposed to the cleaning process.

Upon completion of the cycle, remove instruments immediately, and rinse them. Dry thoroughly with a towel, ensuring that no moisture is left on the instruments.

The use of water in an ultrasonic cleaner is not recommended. A neutral pH ultrasonic cleaner solution, when properly mixed, effectively reduces the surface tension of the solution and increases the ultrasonic cavitation process.

The solution should be changed at least daily, or sooner if the solution appears dirty or murky.

## Steam Autoclave

**Tip:** Before autoclaving, lubricate all instruments that have moving parts. Use surgical lubricants rather than industrial oils, as they are superior for surgical instruments.

Most hospitals and practices use the Steam Autoclave for sterilizing instruments. If this is your method, there are a few important points to remember.

1. Only use distilled water for filling your sterilizer reservoir. Tap water contains minerals that will cause staining, if left to stand or dry on the instrument.
2. If your autoclave has a steam line filter, clean it regularly using the manufacturer's recommendations as a minimum guide.

Clean the inside of the chamber once a week. This will prevent build-up of scale and will allow the sterilizer to operate more efficiently. To clean the inside chamber, follow these steps:

Turn the unit off and allow chamber to cool. Then remove trays and racks.

Using towels, remove any water laying in the bottom of the autoclave.

Spray the inside walls of the unit with an approved solution, such as Spectrum's **Spectra-Clave™**. Allow the solution to stand five minutes (or as instructed on the bottle).

Using a stiff, nylon-bristle brush, brush the inside chamber very aggressively. After brushing, wipe the inside clean with clean towels.

Finally, using a moist towel, wipe the gasket clean on the inside of the door.

## Lubrication

**Tip:** It is no longer recommended to use a lubricant bath because the container of the lubricant solution may contain certain bacteria from previous instruments dipped into this bath. A lubricant spray is advised. Sprays are safer, cost less, and take up less counter space as well.

One of the easiest, yet most effective ways to keep instruments in excellent condition is to lubricate them after every cleaning. Proper lubrication keeps instruments from rubbing and scraping, thus preventing dulling and strain to joints and hinges. Moving parts on instruments, such as joints, box locks,

ratchets, and screw joints, should be lubricated regularly. Before autoclaving, lubricate all instruments that have moving parts. Only use surgical lubricants because they are steam-penetrable.

## Wrapping Materials, Surgical Towels and Drapes

Wrapping of surgical instruments is essential in the sterilization process. If your practice uses re-usable towels and drapes, please be certain to use as little laundry detergent as possible. Towels and drapes can retain soap particles. During the autoclave cycle, steam passes through the fabric, picking up these soap particles and depositing them on the surface of the instruments.

One suggestion for preventing this is to run an extra rinse cycle to remove excess soap particles. Also, if your instrument packs are coming out wet, we suggest a towel be placed inside the pack to absorb moisture.

## Rust vs. Stain

Stains can be removed, whereas rust will leave permanent damage. To determine if a brown or orange discoloration is a stain or rust, use the eraser test. Rub a pencil eraser over the discoloration. If the discoloration is removed with the eraser and the metal underneath is smooth and clean, this is a stain. If a pit mark appears under the discoloration, this is corrosion or rust.

## Trouble-Shooting Stain Guide for Surgical Instruments

**Stain Color:** Brown / Orange

**Cause:** A result of high-pH detergents, Chlorhexidine usage, or improper soaking of instruments. This color stain can also be caused by soaking in tap water.

**Stain Color:** Dark Brown

**Cause:** Low-pH instrument solutions. The brownish-colored film may also be caused by a malfunctioning sterilizer. Similar localized stain spots can also be a result of baked-on blood.

**Stain Color:** Bluish Black

**Cause:** Reverse plating, when instruments of different metal (e.g., chrome and stainless steel) are ultrasonically processed together. Additionally, exposure to saline, blood, or potassium chloride will cause this bluish black color.

**Stain Color:** Multicolor

**Cause:** Excessive heat by a localized hot spot in the sterilizer. The rainbow-colored stain can be removed.

**Stain Color:** Light and Dark Colored Spots

**Cause:** Water droplets drying on the instruments. With slow evaporation, the minerals sodium, calcium, and magnesium left behind can cause this spotting.

**Stain Color:** Bluish Gray

**Cause:** Liquid (cold) sterilization solutions being used beyond manufacturer's recommendations.

**Stain Color:** Black Stains

**Cause:** Contact with ammonia or a solution containing ammonia.

**Stain Color:** Gray

**Cause:** A liquid rust remover being used in excess of manufacturer's recommendations.

**Stain Color:** Rust

**Cause:** Dried blood that has become baked on the serrated or hinged areas of surgical instruments. This organic material, once baked on, may appear dark in color. Also can be caused by soaking in tap water.

## Scissors Testing

Until recently, it's been difficult to gauge if scissors were performing optimally. To test them, surgeons often tried cutting a piece of material, but this yielded inconsistent results due to the variety of materials used. Today, there is a rubber-like material known as **Theraband** to test scissors' sharpness.

Medium-grade red **Theraband** is used for scissors measuring 4.5 inches to 12 inches in length.

Yellow **Theraband** is used for scissors measuring 3 inches to 4 inches in length.

Make several complete cuts through the material, cutting all the way to the distal tip (where scissors most often dull). This test will indicate satisfactory sharpness. The scissor test material is available from Spectrum.

## Cold Sterilization

This is not a recommended method of disinfecting for high-quality surgical instruments. Immersing instruments for long periods of time in any solution can prove damaging. Never leave instruments in any solution for longer than 20 minutes. Do not immerse instruments with tungsten carbide inserts (gold handles) in solutions containing Benzyl Ammonium Chloride (BAC). This chemical is known to loosen the tungsten carbide.

## Warnings & Precautions

**Universal Precautions should be observed :**

By all hospital personnel that work with contaminated or potentially contaminated medical devices. Caution should be exercised when handling devices with sharp points or cutting edges.

**Personal Protective Equipment (PPE) should be worn :**

When handling or working with contaminated or potentially contaminated materials, devices and equipment. PPE includes gown, mask, goggles or face shield, gloves and shoe covers.

**Metal brushes or scouring pads must not be used :**

During manual cleaning procedures. These materials will damage the surface and finish of instruments. Soft-bristled, nylon brushes and pipe cleaners should be used.

Cleaning agents with low foaming surfactant should be used during manual cleaning procedures to ensure that instruments are visible in the cleaning solution. Manual scrubbing with brushes should always be performed with the instrument below the surface of the cleaning solution to prevent formation of aerosols and splashing which may spread contaminants.

Cleaning agents must be easily and completely rinsed from device surfaces to prevent accumulation of detergent residue.

**Do not place heavy instruments on top of delicate devices.**

**Do not allow contaminated devices to dry prior to reprocessing :**

All subsequent cleaning and sterilization steps are facilitated by not allowing blood, body fluid, bone and tissue debris, saline, or disinfectants to dry on used instruments.

Saline and cleaning/disinfection agents containing aldehyde, mercury, active chlorine, chloride, bromine, bromide, iodine or iodide are corrosive and **should not** be used. Instruments **must not** be placed or soaked in **Ringers Solution**.

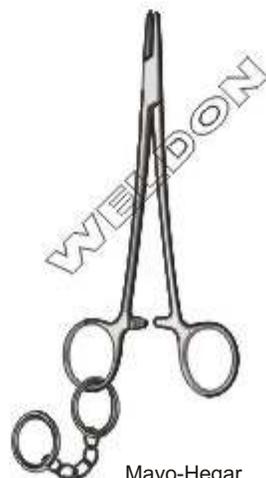
Mineral oil or silicone lubricants **should not** be used because they:

- 1) Coat microorganisms
- 2) Prevent direct contact of the surface with steam; and
- 3) are difficult to remove.

Only devices manufactured and/or distributed by Us should be included in Our instrument trays and cases. These validated reprocessing instructions are **not applicable** to Our trays and cases that include devices that are not manufactured and/or distributed by Us.

Descaling agents that include morpholine should not be used in steam sterilizers. These agents leave residue which can damage polymer instruments over time.

Key Rings | Llaveros | Schlüsselanhänger

WD-364-001  
Scalpel HandleWD-364-002  
Operating ScissorsWD-364-003  
Dressing ForcepsMathieu  
WD-364-004  
Needle HolderPean Forceps  
WD-364-005Kelly Forceps  
WD-364-006Mayo-Hegar  
WD-364-007  
Needle HolderWD-364-008  
Nasal Speculum



WD-365-009  
Bone Curettes



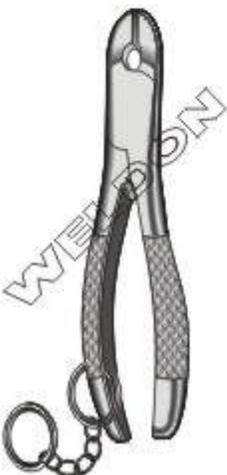
Mead  
WD-365-010  
Bone Rongeur



WD-365-011  
Cuticle Nipper



WD-365-012  
Rongeur



WD-365-013



WD-365-014



WD-365-015



WD-365-016

Key Rings | Llaveros | Schlüsselanhänger



WD-366-017



WD-366-018



WD-366-019



WD-366-020



WD-366-021

WD-366-022  
Caliper

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