



# LAPA MASTER INDUSTRY

*Manufacturer & Exporter all kinds of Surgical, Dental Instruments*



**INSTRUMENTS SAVE LIVES SO  
WE RECOMMEND USE QUALITY INSTRUMENTS**

## Dental Instruments



## LAPA MASTER INDUSTRY

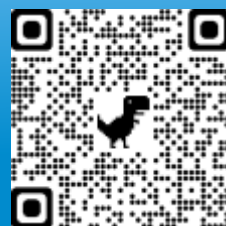
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# LAPA MASTER INDUSTRY

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## About Us

### History

Serving more than 100 years in the field of Surgical, Dental, Manicure & Pedicure Implements, Veterinary and Jewelry Tools etc. Our grandfather was the pioneer who laid down the founding tone of the manufacturing of surgical instruments in Pakistan since 1908. This is our family business and we are the 3rd generation in this field.

### Introduction

Lapa Master Industry was established in 2014 the company has, since the start, developed a stable and steady growth. The company success though, is due to the support of health authorities which have recognized our compromised to quality and punctuality.

### Our Philosophy

Our philosophy is to share our knowledge and experience with our customers and give them all the professional assistance they might need.

### Company Policy

Lapa Master Industry shall not compromise on quality of the products. We shall achieve quality excellence by using quality assurance programs and techniques. Prompt and dedicated services shall be ensured to customers and efficiently to the best of our ability.

### Our Commitment

Our commitment to quality, based on our continuous monitoring at every stage of the manufacturing process has placed us at par with international standards, while maintaining very competitive prices.

### Quality Management System

Lapa Master Industry manufacturing process emphasizes quality above all else. Our employees are having a ten to fifteen-years technical and practical experience in order to achieve, international standards. The proper stainless steel, stamping and forged materials used are meticulously selected and go through highly effective quality control. All surgical instruments are manufactured using the highest quality Pakistani, German, French and Japanese medical grade Stainless Steel. Every Instrument is Hand Examined from steel forging to final packing; no product passes to the next step unless Hand-Examined by a highly qualified and experienced technician.

### 100% Satisfaction Guaranteed

All our Instruments are produced with high quality stainless steel and are thoroughly checked and inspected during all phases of production, In order to ensure that they correspond to the international standards laid down by the **ISO 13485:2016, ISO 7153-1:2016 EN 10088-1:2005, ISO 9001:2015 and CE** standards and are confirmation of their compliance to use.

### Product Materials

We are Manufacturing stainless steel Grades **AISI 410, 420, 304, 302 ASTM F899** steel according international standards.

Also French & German & Japanese's steel technology that removes calculus efficiently, while retaining its sharp Lapa Master Industry for a longer period of time.



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## About Us

Lapa Master Industry Instruments holds the highest quality standards throughout the creation of the instrument from raw materials to finished product.

We believe in our products and provide the user with a 100% customer satisfaction guarantee. Lapa Master Industry that are stainless steel require periodic sharpening. Please feel free to contact us for any information.

## Our Staff

We are convinced that a highly qualified staff brings trust in our company. We are tight team, consisting of people, who with their education and experience contribute to our company strength.

## Support

Our friendly and well trained support staff is happy to assist you in any way even if you are looking for something not in our range of products, we will do our best to help you.

## Terms & Condition

Processing of Ordered Goods: Once the contract is finalized, we start manufacturing the articles with zest and zeal, to ensure prompt delivery.

## Minimum Order

The minimum order is Euro €.1000.00, US\$.1000.00

## Price

We normally quote FOB prices. However, we can add freight, shipping and postage charges depending upon the requirement of the buyer.

## Payment

This supplier also supports L/C, D/P, T/T, Western Union, Money Gram payments for conformed orders. We prefer 70% In Advance and the remaining 30% on completion of the goods but before shipment. The goods will remain the property of Lapa Master Industry the total amount of order is paid in full. We also accept Irrevocable Letter of Credit (L/C).

## Mode of Shipment

It depends on the requirement of buyer.

## Claim

We always supply the goods with utmost care in all aspects; but still out of human error, any claim arises for any loss or damage, it must be filed within 4 days of the date of receipt of goods. The claim is not negotiable after Twenty One Days from the date of invoice.

## Returns

Returns are not acceptable without prior mutual consent. Any instruments that are custom made, modified, private labeled, custom etched or otherwise modified or hampered are not returnable for





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## About Us

credit.

We reserve the right to inspect any returns prior to issuing any credit. Returned goods will be subject to 20% Re-stocking charges.

### Repairs & Warranty Replacements

In case of any manufacturing defect, we guarantee to replace, repair any such piece(s), free of cost but this does not apply to instruments that are repaired, or hampered/mishandled at the importer's end. Instruments which have been repaired by a source other than

### Lapa Master Industry

are void of this warranty.

Merchandise will be repaired or replaced at our discretion.

The instruments lost/damaged during this transit to us will not be our responsibility.

The freight of such articles will be borne by the consignee.

### Written By: Production Manager

Signature:

### Reviewed By: Quality Assurance Manager

Signature:

### Approved By: CEO

Signature:

Dated: 01<sup>st</sup> January 2021 to 31<sup>st</sup> December 2021



# LAPA MASTER INDUSTRY

*Manufacturer & Exporter all kinds of Surgical, Dental Instruments*

## User Manual

Lapa Master Industry is Manufacturer and Exporter of all kinds of Surgical Instruments for ENT Diagnostic, Ophthalmology & Dermatology Pocket Instruments, Premium ENT Diagnostic and Ophthalmic Instruments, Laryngoscopes, Fibre Optic Laryngoscopes, Laryngoscopes with Direct Illumination, Disposable Laryngoscopes, Laryngoscope Sets, Gynecology Sets,

## INSTRUCTION MANUAL – PLEASE READ BEFORE USE SURGICAL INSTRUMENTS

The Lapa Master Industry culture is one of responsibility and accountability, which means we take ownership of our projects with a clear view of the final objective. We are providing the responsiveness to customer needs of a small business, but with the added innovation, advanced manufacturing methods and qualified distribution network of a truly global company. This, in essence, created what Lapa Master Industry stands for today: world-class products and services for our customers.

### INNOVATION

At Lapa Master Industry we foster innovation by combining decades of experience in developing and manufacturing diagnostic devices with out-of-the-box, innovative thinking. Our people are always eager to explore new technologies. As a result we are now in the great position of being able to launch innovative products every year, while still having a well-filled product pipeline for the future.

### CUSTOMER SATISFACTION

Lapa Master Industry's customers expect nothing less than world-class products and services. Consequently, they are the center of all our efforts and activities, right across the company, from research and development through to manufacturing, marketing and sales. Designed for demanding, everyday use in doctors' practices and hospitals, many of our products are developed through close cooperation between our engineers and specialists from research centers and university hospitals.

During the development phase, our test procedures and facilities lay the foundation for products of outstanding quality, even before the actual manufacturing process starts.

### EMPOWERMENT

Our employees are key to our success and we continue to invest in their development. From their initial training when they join Lapa Master Industry, followed by ongoing development programs and corporate management training, our employees are encouraged to contribute through excellence and teamwork. Our objective is to empower people and help them assume responsibility to help us, as a team, achieve our ambitious company goals.

### PRODUCT LAUNCHES

Lapa Master Industry Product Launches Surgical Instruments for ENT, Ophthalmology & Dermatology Pocket Instruments - Premium ENT Diagnostic and Ophthalmic Instruments, Laryngoscopes, Fibre Optic (F.O.) Laryngoscopes, Laryngoscopes with Direct Illumination, Disposable Laryngoscopes, Laryngoscope Sets, Gynecology Sets, INTENDED USE These instructions for use are valid for Surgical instruments made of stainless steel, such as Extracting Forceps, instruments for Bone Surgery, Scalpels, Knives, Scissors, Forceps, Clamps, Retractors, Probes, Scalars Spatulas, Suture Root Elevators instruments with special instructions.



# LAPA MASTER INDUSTRY

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## User Manual

Lapa Master Industry sets higher standards than required by norms and guidelines. In order to comply with these exceptionally high internal standards, we only use high-grade materials from reliable suppliers and apply the latest manufacturing methods, with every product having to pass several intermediate and final quality checks. All our manufacturing personnel receive expert training to ensure world-class finishing and quality. Our products come with a minimum two year warranty.

### TESTS

Surgical instruments are high-quality products whose proper handling and use will be described in the following. In order to minimize hazards for patients and users these directions must be closely obeyed. Application, maintenance and test of the instruments may only be carried out by specially skilled staff.

### HANDLING

The instruments must not be over stressed by twisting or levering as this may lead to damages or cracking of the instruments.

### PURPOSE / FIELD OF APPLICATION

These operating instructions are valid for standard surgical instruments of the production of Lapa Master Industry. The user decides according to his specialized knowledge whether the instrument may be suitable for the intended purpose.

### DISPOSAL

Instruments that cannot be repaired or reprocessed should be disposed in accordance with the respective disposal guidelines of the hospital.

### MATERIALS

Product Materials

We are using Materials as per international standards. We have expertise to remove calculus efficiently from the Materials while retaining its sharpness which is durable for a longer period of time. Lapa Master Industry Instruments hold the highest quality standards throughout the creation of the instrument from raw materials to finished product.

We believe in our products and provide our clients 100% satisfaction guarantee. Lapa Master Industry Instruments that are stainless steel require periodic sharpening. Please feel free to contact us for any information.

### QUALITY

100% Satisfaction Guaranteed All our Instruments are produced with high quality stainless steel and are thoroughly checked and inspected during all phases of production, In order to ensure that they correspond to the international standards laid down by the **ISO 13485, ISO 9001, ISO7153-1 EN10088-1 and CE standards** and are confirmation of their compliance to use.

### REPROCESSING DIRECTIONS

Surgical instruments may in general only be processed by specially skilled staff possessing the specific knowledge for this kind of work. Detailed information to the maintenance of instruments are available in the



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"Red Brochure" of the [www.lapamasterind.com](http://www.lapamasterind.com) links to laws, norms and specialized maintenance committees can be found.

### ADVICE

Instruments made of stainless steel must not be put in physiological saline solutions (NaCl), as longer contact may lead to corrosion damages. Instruments may only be sterilized after a previous cleaning and disinfection.

### INSTRUCTION

Due to the design of surgical instruments and the used materials, it is not possible to determine a limited number of reprocessing cycles. The lifetime of surgical instruments is therefore determined by the function / wear of the device. In case of damage the device must be reprocessed before sending back to the manufacturer for repair.

### REPROCESSING INSTRUCTIONS

Preparation at the point of use:

Remove gross soiling by submerging the instrument into cold water (<40°C) immediately after use.

Don't use a fixating detergent or hot water (>40°C) as this can cause the fixation of residuals which may influence the result of the reprocess- in process.

### TRANSPORTATION

Safe storage and transportation in a closed container to the reprocessing area to avoid any damage and contamination to the environment.

### PREPARATION FOR DECONTAMINATION

The devices must be reprocessed in an opened or disassembled state. Instruments must be placed on adequate supports or trays. The nature of the supports or trays must not have any negative influence on the result of the following cleaning and disinfection by rinsing or ultrasonic treatment.

### MANUAL PRE CLEANING

Immerse the instrument into cold tap water for at least 5 minutes. Dismantle the instruments If possible and brush under cold tap water until all visible residues are removed. Inner lumen, threads and holes are flushed each with a water jet pistol for minimum 10 seconds in the pulsed mode. Immerse the instrument into an ultrasonic bath with an alkaline or enzymatic detergent (0,5%) and treat with ultrasound for 15 minutes at 40°C.

Remove the instruments from the bath and rinse again with cold tap water.

The cleaning bath must be changed at least once a day, or if required. Any pollution may influence the result of cleaning / disinfection and may favor corrosion.

### MANUAL CLEANING

In case of manual cleaning, the cleaning process needs to be adapted to the pre-treatment. The used detergents must be compatible, in order to avoid any negative influence on the cleaning/disinfection result. The detergent must be suitable for the treatment of surgical instruments.



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The manufacturer's instructions regarding concentration and reaction time must be strictly obeyed. Use only soft brushes, no metal brushes. Channels and hollow parts must be rinsed thoroughly. If necessary, a high pressure hose must be used.

- Rinse the instruments with running clear water.
- Dry the instruments thoroughly.
- The cleaning bath must be changed at least once a day, or if required.

### CHEMICAL DISINFECTION

The chemical disinfection follows the manual cleaning. A detergent, suitable for surgical instruments made of stainless steel must be used.

### PACKAGING STORAGE

Storage of sterilized instruments in appropriate packaging in a dry, clean and dust free environment at modest temperatures of 5°C to 40°C, and at a constant humidity. The distance between shelf and floor should be at least 30cm. Storage duration time is to be determined by the user.

Reprocessing validation study information:

The following testing test devices, materials & machines have been used in this validation study; Detergent:

### ADDITIONAL INSTRUCTIONS

If the described chemistry and machines are not available, it is the duty of the user to validate his process.

It is the duty of the user to ensure that the reprocessing processes including resources, materials and personnel are capable to reach the required results. State of the art and often national law requiring these processes and included resources to be validated and maintained properly.

### WARRANTY

The products are made of high grade medical stainless steel and are controlled prior to sale. In case of any error or inconvenience, please feel free to contact our service.

Lapa Master Industry cannot provide any guarantee whether the instruments are suitable for the respective intervention. This has to be determined by the user.

Lapa Master Industry does not provide any liability for any damages arising from pure chance. Lapa Master Industry does not provide any liability for any damages deriving from contravening against this manual. In case of using the instruments on patients with Lapa Master Industry does not provide any liability for the reprocessing of the instruments.

Yours very sincerely,

**Management and Staff Lapa Master Industry**  
**Lapa Master Industry Product Launches**

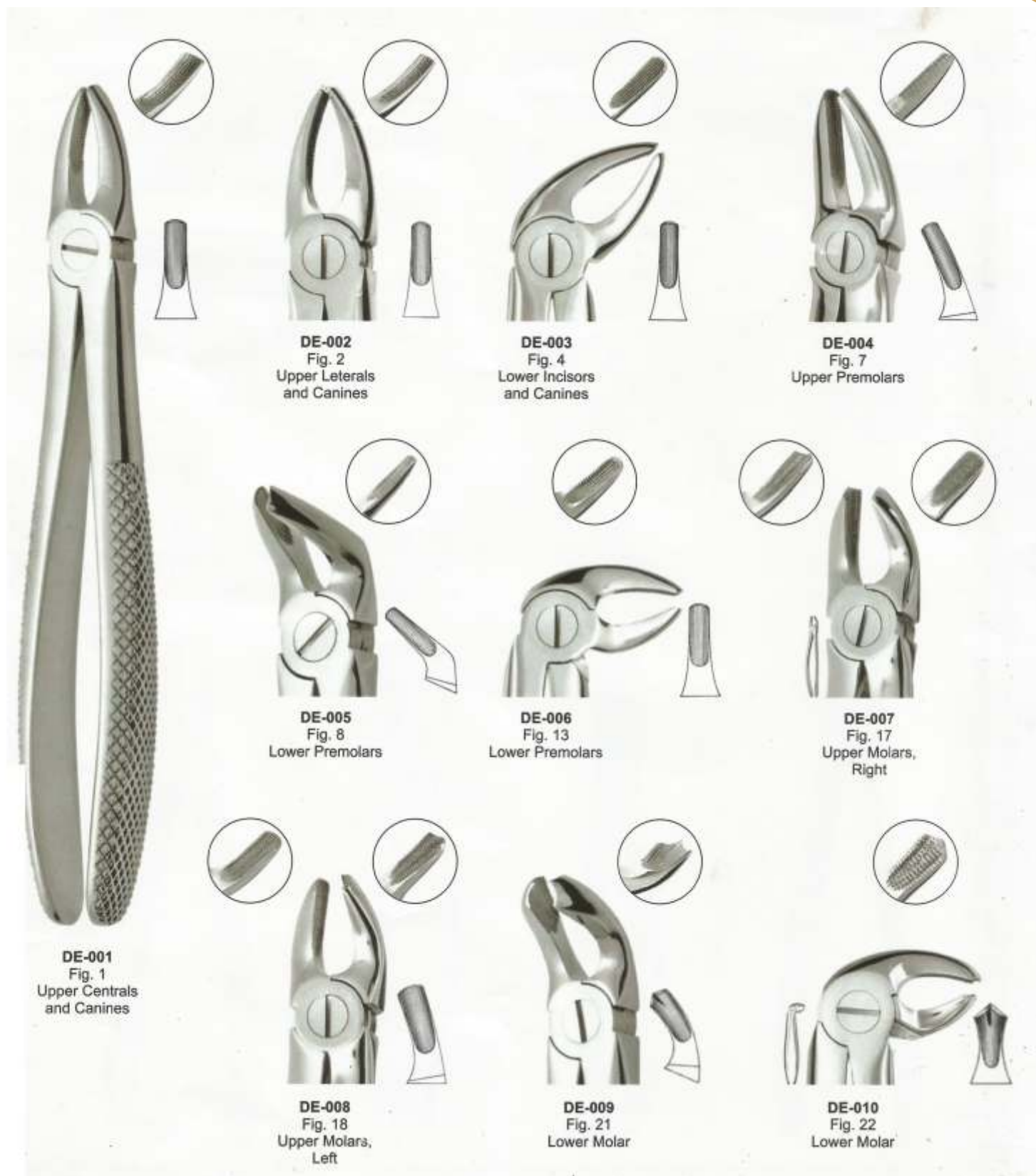


## EXTRACTING FORCEPS





## EXTRACTING FORCEPS (ENGLISH PATTERN)



## EXTRACTING FORCEPS (ENGLISH PATTERN)



**DE-011**  
**# 18A**  
upper molars



**DE-012**  
**# 19**  
upper third molars



**DE-013**  
**# 20**  
lower third molar



**DE-014**  
**# 24**  
lower molar, right



**DE-015**  
**# 29**  
upper roots



**DE-016**  
**# 30**  
Upper Roots



**DE-017**  
**# 33**  
lower roots



**DE-018**  
**# 33A**  
Lower Roots



**DE-019**  
**# 33M**  
Lower roots  
with long beak



**DE-020**  
**# 46L**



**DE-021**  
**# 51**  
Upper Roots



**DE-022**  
**# 51A**  
Upper Roots

## EXTRACTING FORCEPS (ENGLISH PATTERN)

### WISDOM EXTRACTING FORCEPS



**DE-023**  
**Routerier**  
(# 22 ½ L)  
lower molars and  
wisdoms, left



**DE-024**  
**Routerier**  
(# 22 ½ R)  
lower molars and  
wisdoms, right



**DE-025**  
**Routerier**  
(# 33 ½ L)  
lower molar and  
wisdom roots, left



**DE-026**  
**Routerier**  
(# 33 ½ R)  
lower molar and  
wisdom roots, right



**DE-027**  
**Fig. 186L**  
lower molars



**DE-028**  
**Fig. 186R**  
lower molars



**DE-029**  
**# 51AL**



**DE-030**  
**# 67**  
Upper Third Molars



**DE-031**  
**# 67A**  
Upper Third Molars



**DE-032**  
**# 79**  
Lower Third Molars



## EXTRACTING FORCEPS (ENGLISH PATTERN)



**DE-033**  
**# 73**  
Lower Molars



**DE-034**  
**# 73 A**  
lower molars



**DE-035**  
**# 73 S**



**DE-036**  
**# 74**  
Lower Roots



**DE-037**  
**# 74N**  
Lower Roots



**DE-038**  
**# 75**  
Lower Premolars



**DE-039**  
**# 86A**  
Lower Molars



**DE-040**  
**# 86B**  
lower molars



**DE-041**  
**# 86C**  
lower molars



**DE-042**  
**# 87**  
Lower Molars



**DE-043**  
**# 89**  
Upper Molars,  
Right



**DE-044**  
**# 90**  
Upper Molars,  
Left

## EXTRACTING FORCEPS (ENGLISH PATTERN)

A-TRAUMATIC EXTRACTION  
Improved tapered beaks for complete root contact. Cross serrations.  
Deep Gripe Extracting Forceps



• No Fracture

• No Tissue Damage

• Extraction With Easy



Thin Tip

**DE-045**  
**# 34**  
Upper incisors and  
premolars  
deep-gripping



Wide Tip

**DE-046**  
**# 34A**  
Upper centrals / cains  
deep-gripping



Thin Tip

**DE-047**  
**Fig. 35**  
upper permolars  
deep-gripping



Wide Tip

**DE-048**  
**# 35A**  
Upper incisors and  
premolars  
deep-gripping



Thin Tip

**DE-049**  
**# 36**  
Lower premolars  
deep-gripping



Wide Tip

**DE-050**  
**# 36A**  
Lower premolars  
deep-gripping



**DE-051**  
**# 336**  
lower permolars  
deep-gripping



**DE-052**  
**F-7C**  
lower molar



**DE-053**  
**# 9**  
Apex Forceps Lower Universal  
Deep Root Pick



**DE-054**  
**# 79N**  
Lower third molars  
deep-gripping



**DE-055**  
**# 79**  
Lower Thrid Molars

## EXTRACTING FORCEPS (ENGLISH PATTERN)

### DEEP GRIP FORCEPS



**DE-056  
# 146**

Apex Forceps Lower Root  
Deep Root Pick



**DE-057  
# 153**

Apex Forceps Upper Root  
Deep Root Pick



**DE-058  
# 149**

Apex Forceps Upper Root  
Deep Root Pick



**DE-061  
Fig. 44**



**DE-060  
Fig. 44Z**



**DE-059  
Fig. 45Z**



**DE-062  
# 46XL**  
Apex Forceps Lower Root  
Deep Root Pick



**DE-063  
# 67**  
Upper Third Molars



**DE-064  
# 67A**  
Upper Third Molars



**DE-065  
# 67N**  
Lower third molars  
deep-gripping



**DE-066  
# 331**  
upper roots  
deep-gripping



## EXTRACTING FORCEPS (ENGLISH PATTERN)



Fig. 1  
upper  
laterals  
and canines



DE-067 Set of 10 Pieces

Fig. 1  
Fig. 7  
Fig. 13  
Fig. 17  
Fig. 18  
Fig. 22  
Fig. 51A  
Fig. 67  
Fig. 74N  
Fig. 79

Fig. 7  
upper  
premolars



Fig. 13  
lower  
premolars



Fig. 17  
upper  
molars,  
right



Fig. 18  
upper  
molars,  
left



Fig. 22  
lower  
roots



Fig. 51A  
upper roots



Fig. 67  
upper third  
molars



Fig. 74N  
lower  
molar



Fig. 79  
lower third  
molars



## EXTRACTING FORCEPS (ENGLISH PATTERN)

### Pediatric Tooth Extracting Forceps Set



**DE-069**  
English Pattern Klein #51S  
Pedodontic Upper root



**DE-068**  
English Pattern Klein #137  
Pedodontic, Upper Incisors Spring handle



**DE-072**  
English Pattern Klein #5  
Pedodontic Lower Incisors.



**DE-070**  
English Pattern Klein #139  
Pedodontic Upper Premolars

### Baby Tooth Extraction Forceps



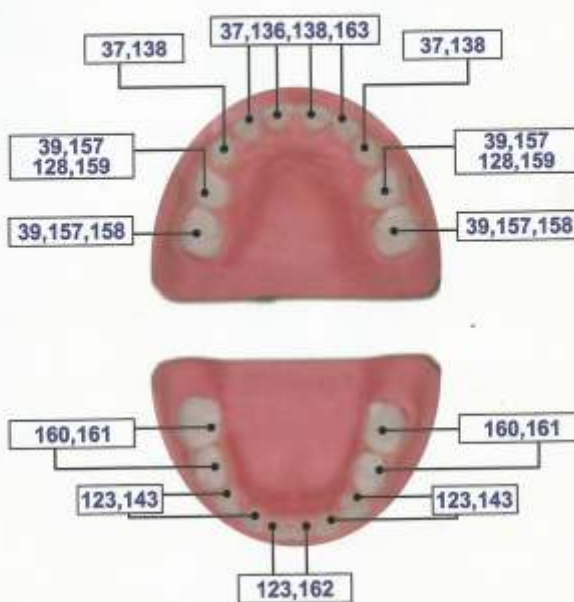
Fig. # 01 to 07  
Set of 7 Pieces



**DE-073**  
English Pattern Klein #7  
Pedodontic Lower Roots,



**DE-071**  
English Pattern Klein #3  
Pedodontic Upper Molars Universal



**DE-074**  
English Pattern Klein #6  
Pedodontic Lower Molars, Spring Handle

## EXTRACTING FORCEPS (AMERICAN PATTERN)



**DE-075**  
**#1STD**  
Winter  
upper centrals and canines



**DE-076**  
Fig. 1  
upper incisors  
and roots



**DE-077**  
Cryer  
Fig. 150



## EXTRACTING FORCEPS (AMERICAN PATTERN)



**DE-079**  
Fig. 62  
incisors, premolars,  
deciduous teeth



**DE-080**  
# 10S  
upper roots



**DE-081**  
# 17  
lower molars



**DE-082**  
Harris  
Fig. 18R



**DE-083**  
Harris  
Fig. 18L



**DE-078**  
Fig. 150A  
Cryer  
upper incisors, premolars, roots

## EXTRACTING FORCEPS (AMERICAN PATTERN)



**DE-084**  
Fig. 210  
upper third molars



**DE-085**  
Fig. 53R  
upper molars, right



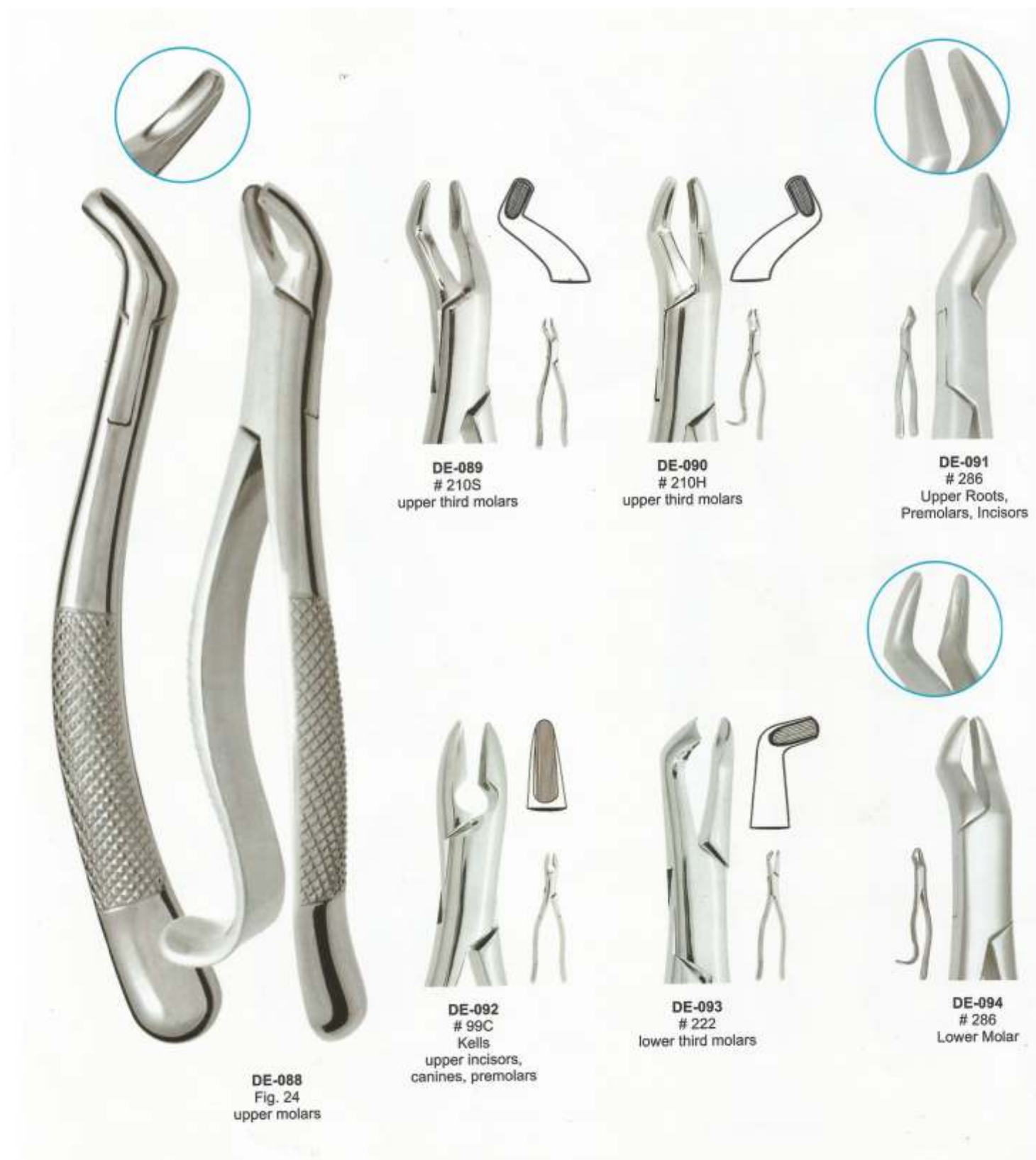
**DE-086**  
Fig. 53L  
upper molars, left



**DE-087**  
NEVIUS  
Fig. 88R



## EXTRACTING FORCEPS (AMERICAN PATTERN)





## EXTRACTING FORCEPS (AMERICAN PATTERN)



**DE-095**  
Nevius  
Fig. 88L  
upper molars, left



**DE-096**  
Fig. 65  
upper incisors  
and roots



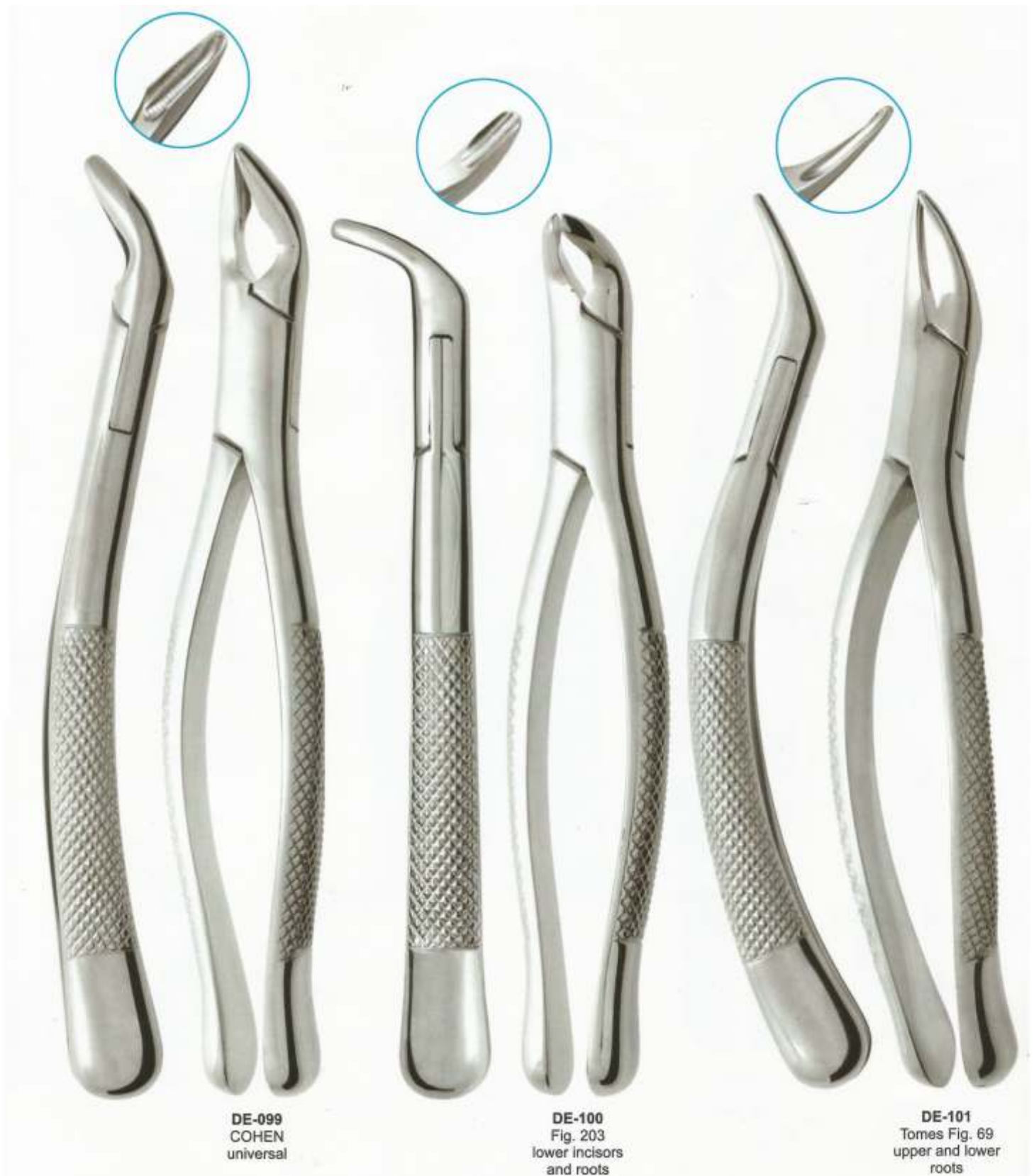
**DE-097**  
Parmly Fig. 32A  
upper premolars  
and roots



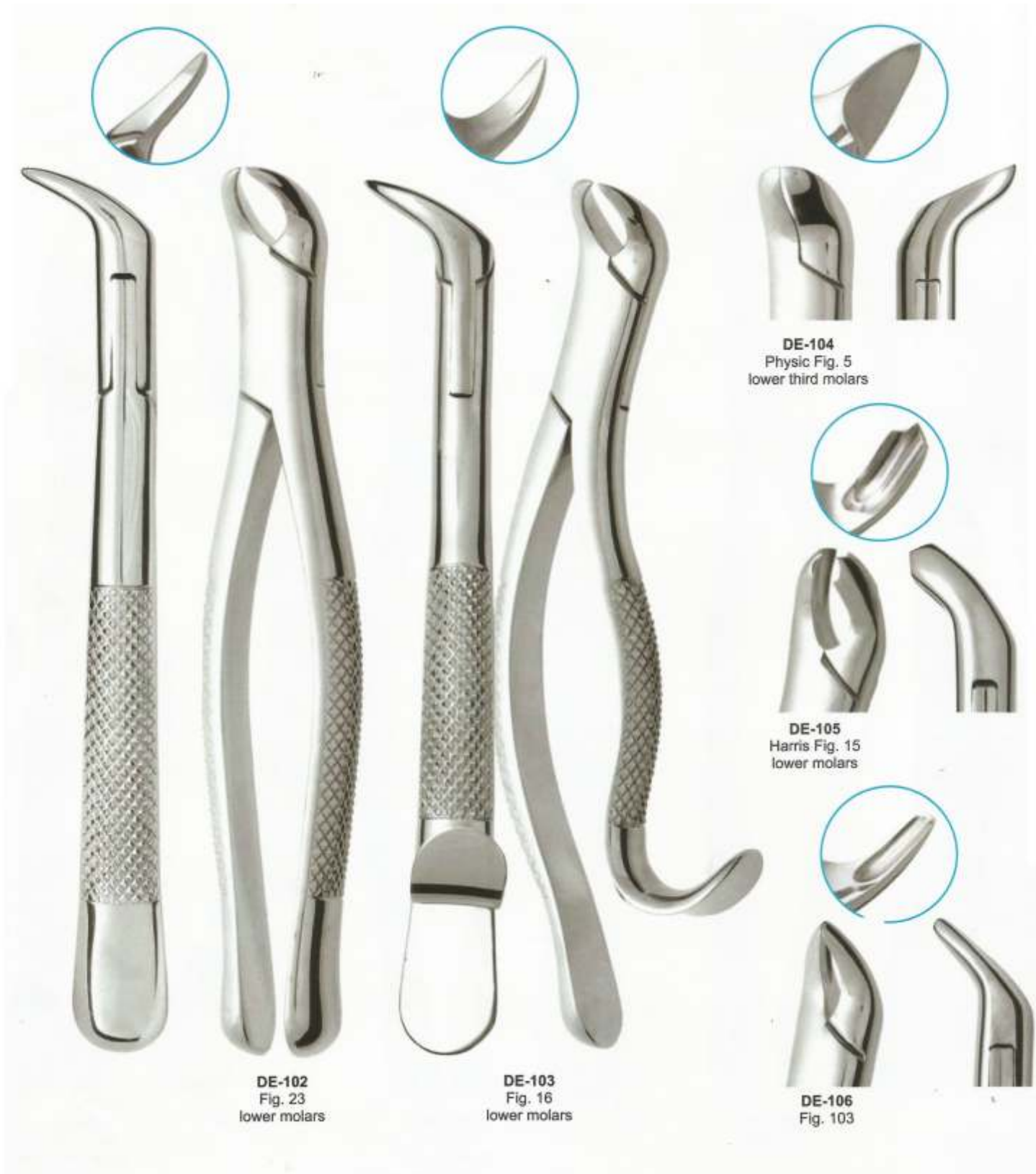
**DE-098**  
Parmly Fig. 32  
upper premolars  
and molars



## EXTRACTING FORCEPS (AMERICAN PATTERN)

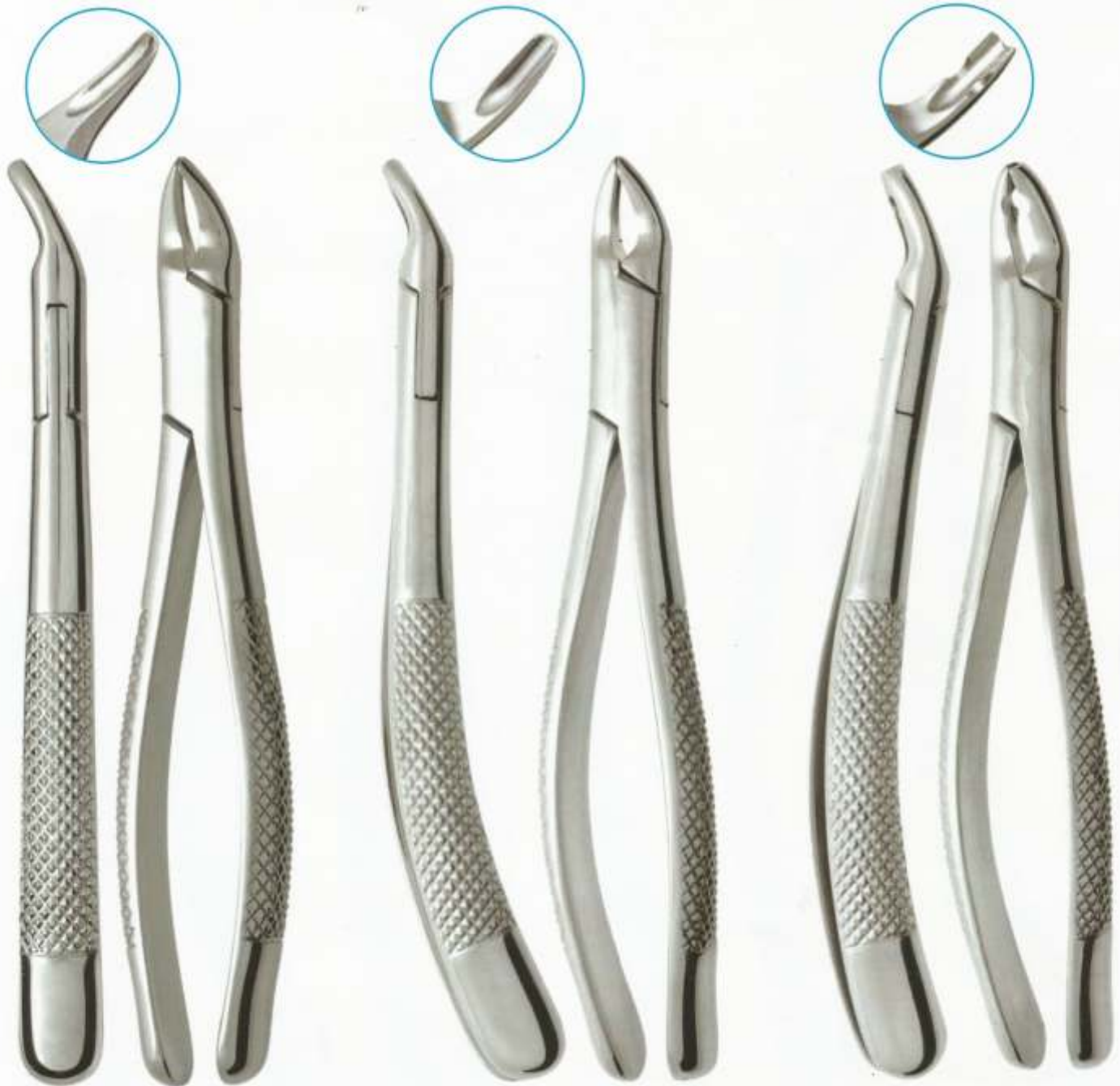


## EXTRACTING FORCEPS (AMERICAN PATTERN)





## EXTRACTING FORCEPS (AMERICAN PATTERN)

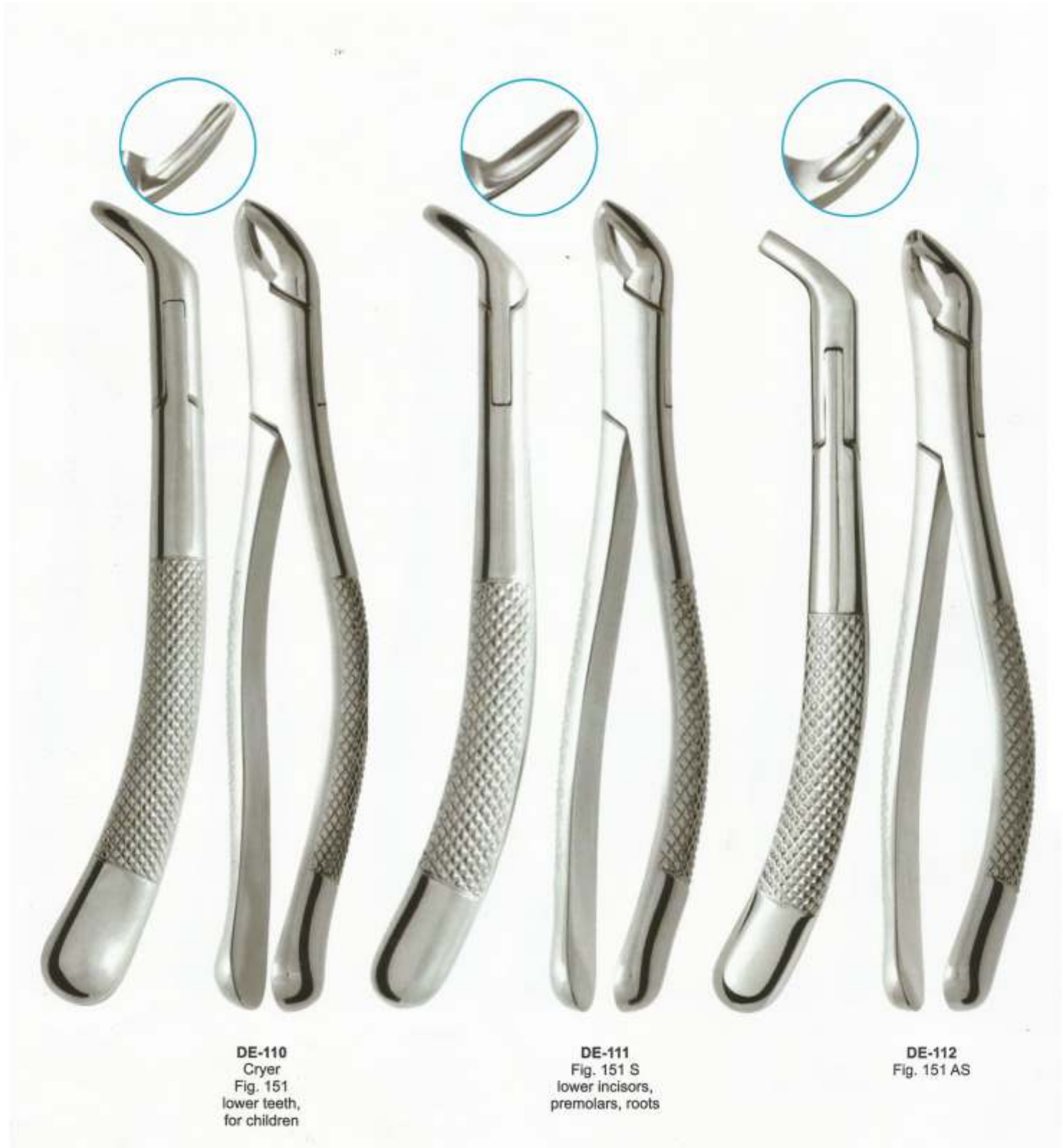


**DE-107**  
Hull  
Fig. 101  
Deciduous teeth

**DE-108**  
Cryer  
Fig. 150S  
upper teeth,  
for children

**DE-109**  
Fig. 150 AS

## EXTRACTING FORCEPS (AMERICAN PATTERN)



## EXTRACTING FORCEPS (AMERICAN PATTERN)



**DE-124**  
**#10 SK**  
Upper Molars Sup



**DE-125**  
**#17 SK Universal**  
Lower Molars



**DE-126**  
**#23 SK Universal**  
Upper Molars



**DE-127**  
**#69 SK Tomas**  
upper and lower roots



**DE-128**  
**#99 SK**  
upper incisors,  
canines, premolars



**DE-129**  
**#150 SK**  
upper incisors,  
premolars, roots



**DE-130**  
**#151 SK**  
lower incisors,  
premolars, roots



**DE-131**  
**#222 SK**  
lower third molars



## EXTRACTING FORCEPS (AMERICAN PATTERN)



**DE-124**  
**#10 SK**  
Upper Molars Sup



**DE-125**  
**#17 SK Universal**  
Lower Molars



**DE-126**  
**#23 SK Universal**  
Upper Molars



**DE-127**  
**#69 SK Tomas**  
upper and lower roots



**DE-128**  
**#99 SK**  
upper incisors,  
canines, premolars



**DE-129**  
**#150 SK**  
upper incisors,  
premolars, roots



**DE-130**  
**#151 SK**  
lower incisors,  
premolars, roots



**DE-131**  
**#222 SK**  
lower third molars

## EXTRACTING FORCEPS (AMERICAN PATTERN)



**DE-132**  
Fig. 1  
Upper Anterior

**DE-133**  
Lower Molar  
Fig. 23 Cow Horn



**DE-134**  
Fig. 74  
Lower Anterior



**DE-135**  
Fig. 88L  
Upper Molar Left



**DE-136**  
Fig. 88R  
Upper Molar Right



**DE-137**  
Fig. 74  
Lower Anterior



**DE-138**  
Fig. 106  
Lower Incisors



**DE-139**  
Fig. 174  
Extra Narrow  
Lower Anterior  
Apical Retention  
Forceps



**DE-140**  
Fig. 859  
Lower Molars  
Roots



## DENTAL SYRINGES



DE-141 1.8ML  
DE-142 2.2ML



DE-143 1.8ML  
DE-144 2.2ML



DE-145 1.8ML  
DE-146 2.2ML



DE-147 1.8ML  
DE-148 2.2ML



DE-149 1.8ML  
DE-149A 2.2ML



DE-149B 1.8ML  
DE-149C 2.2ML



DE-149D  
# 1001  
Intraligamental  
Anesthesia Syringe  
in Black Colour



DE-149E 1.8ML  
DE-149F 2.2ML  
Angled



DE-149G  
Aluminium - Dark 1.8 ml



DE-149H  
Aluminium - Silver 1.8 ml



DE-149I  
Aluminium - Orange 1.8 ml



DE-149J  
Aluminium - Green 1.8 ml



DE-149K  
Aluminium - Blue 1.8 ml



## BONE ROUNGER



**DE-149L**  
Blumenthal  
15cm



**DE-149M**  
Blumenthal  
15cm



**DE-149N**  
Blumenthal  
15cm



**DE-149O**  
Friedman  
14cm



**DE-149P**  
Friedman  
14.5cm



**DE-149Q**  
Micro-Friedman  
14cm



**DE-149R**  
Micro-Friedman  
15cm



**DE-149S**  
Micro-Friedman  
16cm



**DE-149T**  
Kleinert-Kutz  
18.5cm



**DE-149U**  
Beyer  
18.5cm



**DE-149V**  
Mead 1A  
18.5cm



**DE-149W**  
Luer  
18.5cm



## ROOT ELEVATORS



## ROOT ELEVATORS

### Apexo Root Elevators



Apexo

**DE-150**  
Apexo  
2.5x9mm  
Straight

**DE-151**  
Apexo  
2.7x9mm  
Straight

**DE-152**  
Apexo  
3.0x9mm  
Straight

**DE-153**  
Apexo  
2.5x9mm  
Curved

**DE-154**  
Apexo  
3.0x9mm  
Curved

**DE-155**  
Seldin  
3.0x14mm  
Straight

### Luxator Root Elevators



Luxator

**DE-156**  
Luxator  
3mm  
straight

**DE-157**  
Luxator  
3mm  
curved

**DE-158**  
Luxator  
4mm  
straight

**DE-159**  
Luxator  
4mm  
curved

**DE-160**  
Luxator  
5mm  
straight

**DE-161**  
Luxator  
5mm  
curved

### Bein Root Elevators



Bein

2 mm  
**DE-162**  
Bein 2mm

3 mm  
**DE-163**  
Bein 3mm

4 mm  
**DE-164**  
Bein 4mm

### Seldin Root Elevators



Seldin

3.5 mm  
**DE-165**  
Flohr 1

4 mm  
**DE-166**  
Seldin 34S

5 mm  
**DE-167**  
Seldin 34

## ROOT ELEVATORS

### Apexo Root Elevators



Apexo

**DE-168**  
Apexo  
2.5x9mm  
Straight

**DE-169**  
Apexo  
2.7x9mm  
Straight

**DE-170**  
Apexo  
3.0x9mm  
Straight

**DE-171**  
Apexo  
2.5x9mm  
Curved

**DE-172**  
Apexo  
3.0x9mm  
Curved

**DE-173**  
Seldin  
3.0x14mm  
Straight

### Luxator Root Elevators



Luxator

**DE-174**  
Luxator  
3mm  
straight

**DE-175**  
Luxator  
3mm  
curved

**DE-176**  
Luxator  
4mm  
straight

**DE-177**  
Luxator  
4mm  
curved

**DE-178**  
Luxator  
5mm  
straight

**DE-179**  
Luxator  
5mm  
curved

### Bein Root Elevators



Bein

**DE-180**  
Bein 2mm

**DE-181**  
Bein 3mm

**DE-182**  
Bein 4mm

### Seldin Root Elevators



Seldin

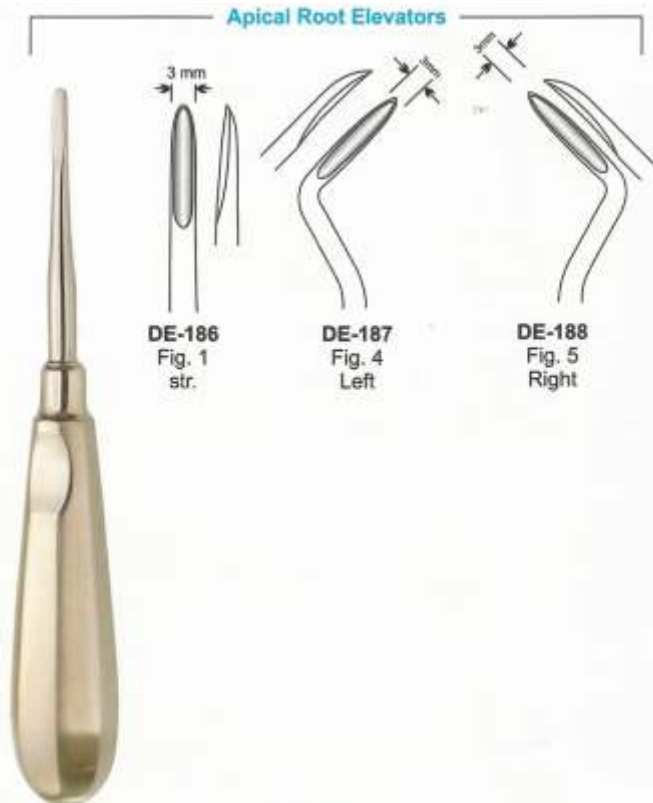
**DE-183**  
Flohr 1

**DE-184**  
Seldin 34S

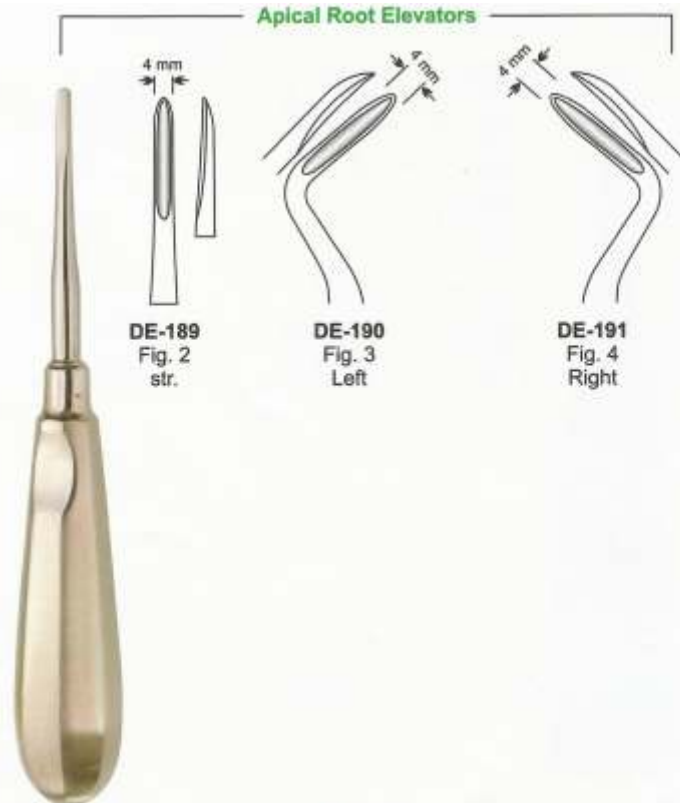
**DE-185**  
Seldin 34

## ROOT ELEVATORS

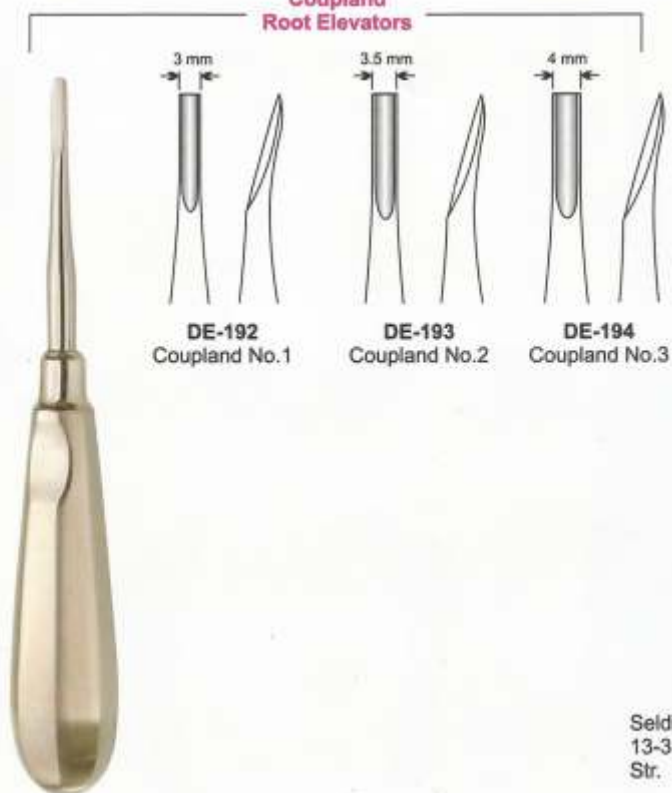
### Apical Root Elevators



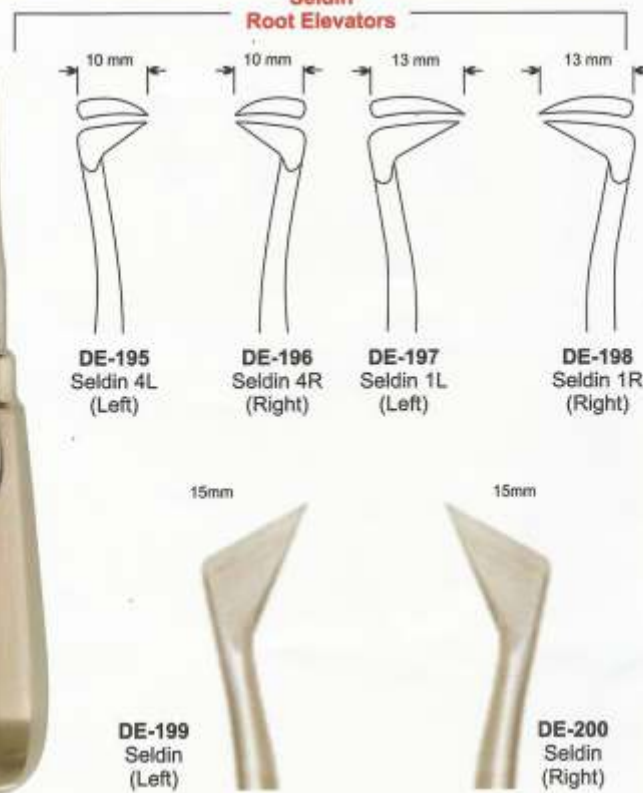
### Apical Root Elevators



### Coupland Root Elevators



### Seldin Root Elevators





## ROOT ELEVATORS

### Apical Root Elevators



DE-201  
Fig. 1  
Str.



DE-202  
Fig. 4  
Left



DE-203  
Fig. 5  
Right

### Apical Root Elevators



DE-204  
Fig. 2  
Str.



DE-205  
Fig. 3  
Left



DE-206  
Fig. 4  
Right

### Coupland Root Elevators



DE-207  
Coupland No.1



DE-208  
Coupland No.2



DE-209  
Coupland No.3

Coupland

### Seldin Root Elevators



DE-210  
Seldin 4L  
(Left)



DE-211  
Seldin 4R  
(Right)



DE-212  
Seldin 1L  
(Left)



DE-213  
Seldin 1R  
(Right)

Seldin  
13-3  
Str.

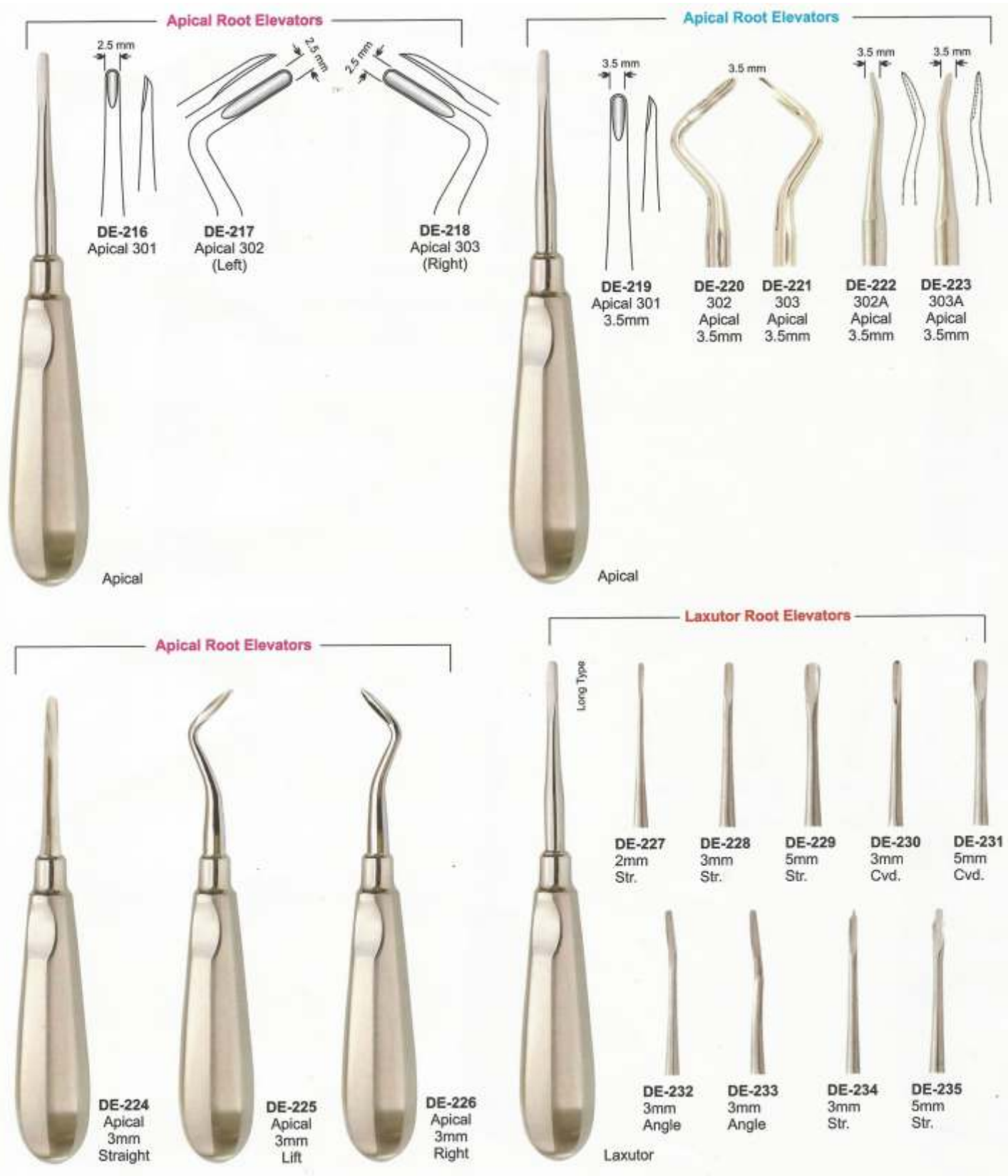


DE-2  
Seld  
(Lef



DE-215  
Seldin  
(Right)

## ROOT ELEVATORS



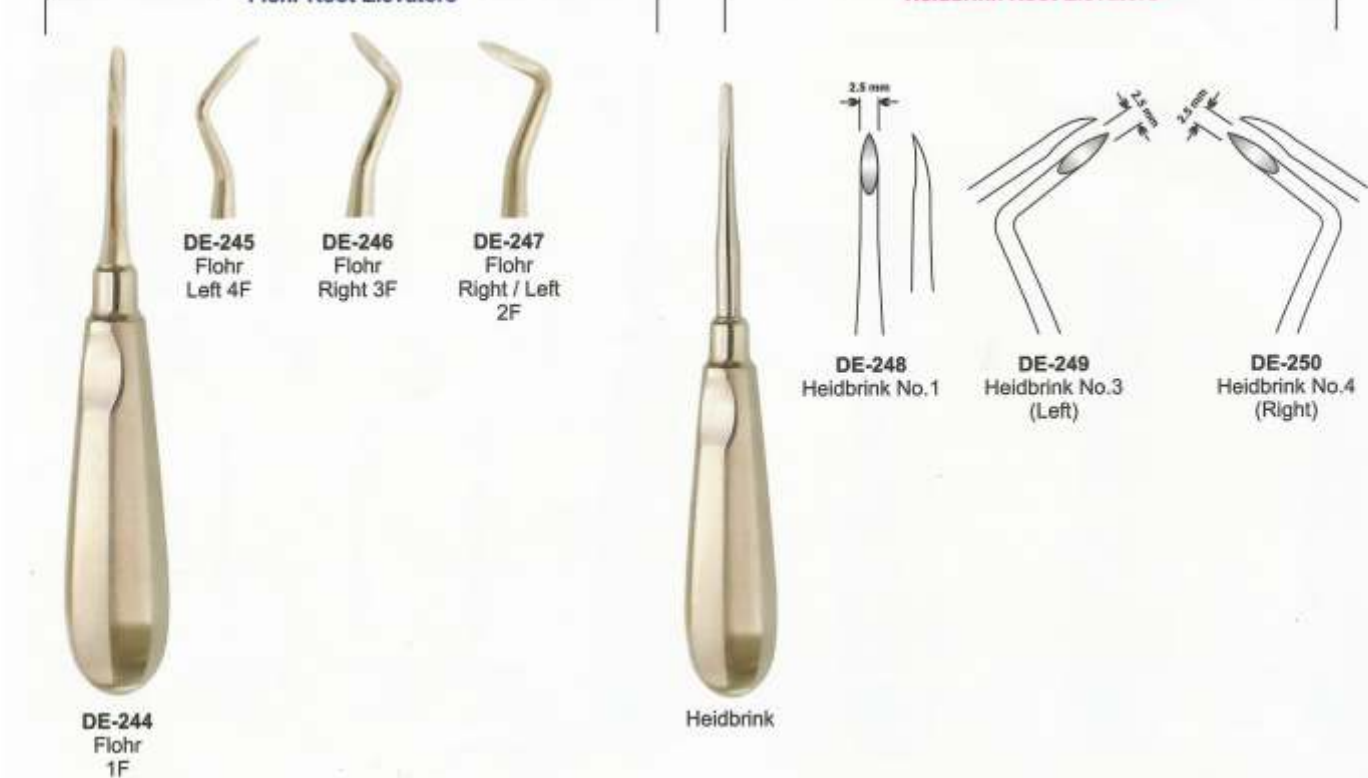
## ROOT ELEVATORS

### Lindo Levian Root Elevators



### Flohr Root Elevators

### Heidbrink Root Elevators



## ROOT ELEVATORS

Friedmann Roots Elevator



DE-251 Friedmann 4F Str.  
DE-252 Friedmann 5F Left  
DE-253 Friedmann 6F Right

Heidbrink Roots Elevator



DE-254 Heidbrink Straight  
DE-255 Heidbrink Left  
DE-256 Heidbrink Right

Wisdom Roots Elevator



DE-257 Wisdom for 18 and 38  
DE-258 Wisdom for 28 and 48

Bayonet Roots Elevator Set



DE-259 Left  
DE-260 Right  
DE-261 bayonet

DE-262 Curved  
DE-263 Straight

Luxator Roots Elevator



DE-264 Luxator Straight

DE-265 Luxator Curved



## ROOT ELEVATORS

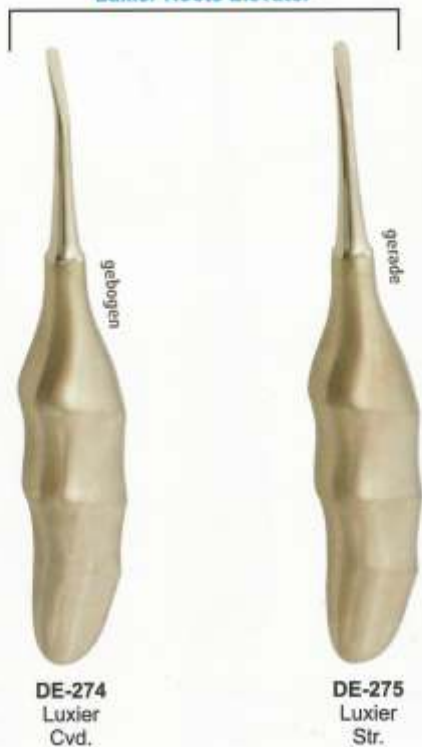
### Roots Elevator



### Luxier Roots Elevator



### Luxier Roots Elevator



### Claw-Lift Roots Elevator



## ROOT ELEVATORS

### Hylin Roots Elevator



### Cryer Roots Elevator



### Kopp Roots Elevator



## ROOT ELEVATORS

Kopp Roots Elevator



DE-295  
Kopp  
Right

DE-296  
Kopp  
Left

Heber Roots Elevator



DE-297  
Heber  
Bayonet

DE-298  
Heber  
Bayonet

Bein Roots Elevator



DE-299  
Bein,  
3mm

DE-300  
Bein,  
4mm

Bein Roots Elevator



DE-301  
Bein  
2mm, curved  
serrated



DE-302  
2mm  
straight  
serrated



DE-303  
3mm  
straight



DE-304  
4mm  
Curved



DE-305  
Bein  
2mm, curved  
serrated



DE-306  
2mm  
straight  
serrated



DE-307  
3mm  
straight



DE-308  
4mm  
Curved



DE-309  
Bein  
2mm, curved  
serrated



DE-310  
2mm  
straight  
serrated



DE-311  
3mm  
straight



DE-312  
4mm  
Curved

## ROOT ELEVATORS

### Seldin Roots Elevator



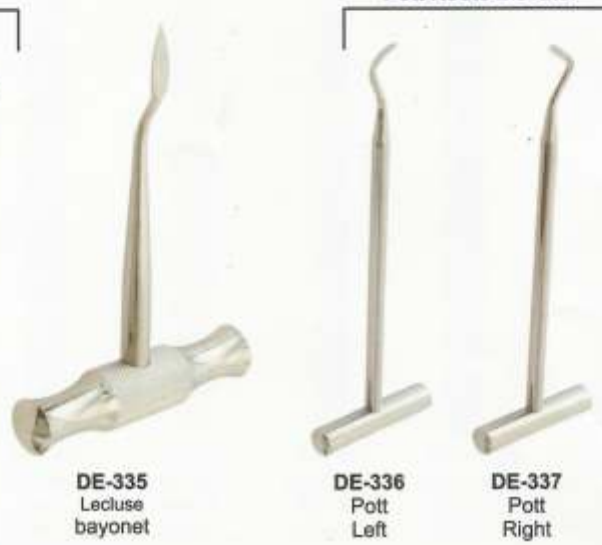
### W. Barry Roots Elevator



### Winter Roots Elevator



### Pott Roots Elevator





## ROOT ELEVATORS

### Heidbrink Roots Elevator



**DE-338**  
Heidbrink  
Straight

**DE-339**  
Heidbrink  
Left

**DE-340**  
Heidbrink  
Right



**DE-341**  
Heidbrink  
Straight

**DE-342**  
Heidbrink  
Left

**DE-343**  
Heidbrink  
Right

### Syndesmotomes Roots Elevator



**DE-344**  
Straight

**DE-345**  
Left

**DE-346**  
Right

### Periotome Roots Elevator

### Syndesmotomes



**DE-347**  
Periotome  
2.1mm  
Straight

**DE-348**  
Periotome  
2.6mm  
Straight

**DE-349**  
Periotome  
2.1mm  
Angular

**DE-350**  
Periotome  
2mm  
Curved



**DE-351**  
Periotome  
2.0mm

**DE-352**  
Periotome  
2.5mm

**DE-353**  
Periotome  
3.0mm

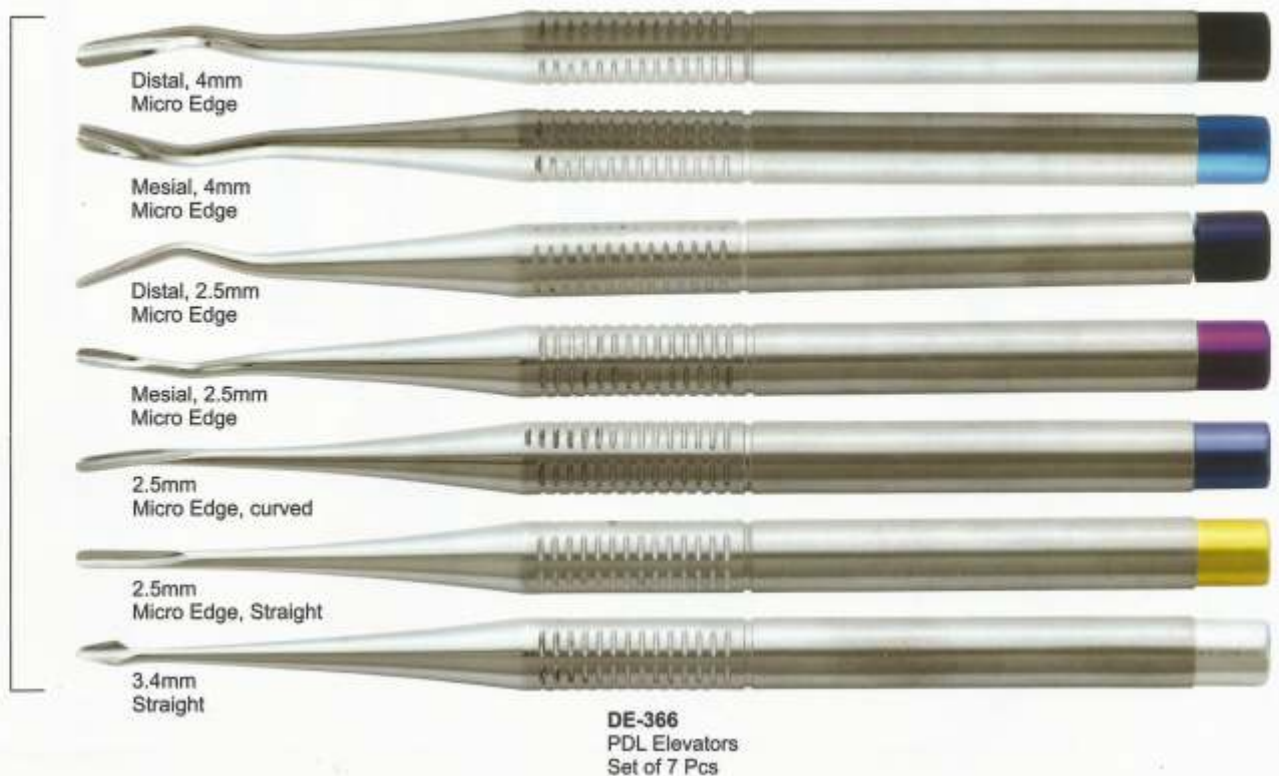
**DE-354**  
Periotome  
4.0mm

## ROOT ELEVATORS



## ROOT ELEVATORS

### PDL ELEVATORS



## ROOT ELEVATORS

### PDL ELEVATORS

Delicate Arrow tip



4,0mm straight  
4,0mm curved

Luxivators straight  
atraumatic luxation of the tooth



2,5mm straight  
3,5mm straight  
4,5mm straight

Luxivators curved  
atraumatic luxation of the tooth



2,5mm curved  
3,5mm curved  
4,5mm curved



DE-367  
PDL Elevators  
Set of 8 Pcs

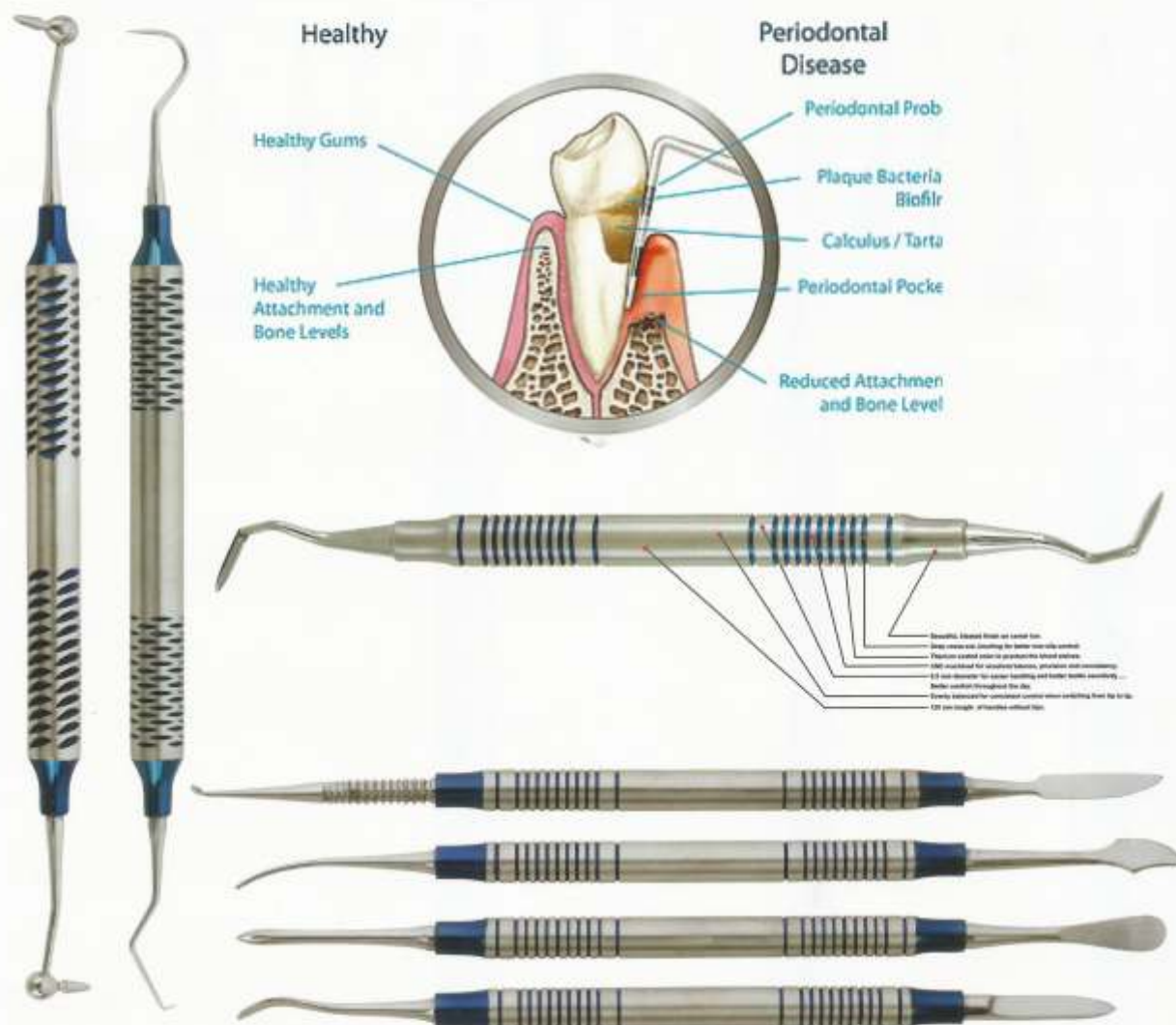


## DIAGNOSTIC, PERIODONTAL & RESTROATIVE INSTRUMENTS

### Our Scalers

Compare our scalers and curettes with the best in the industry and you will immediately recognize we are equal in every way but one... price.

Note the deep precision knurling for better tactile feel. The same high-grade stainless steel tips, the same light weight (under 18 grams) for less hand fatigue, the same professional craftsmanship, and surpassing the highest industry standards. of course, any manufacturer can make these claims, but we guarantee and certify ours.



- High-polish mirror finish tips.
- Manufactured within the guidelines of the FDA quality assurance system for good manufacturing practices.
- Highest grade German stainless steel, razor sharp, durable tips. Rockwell hardened to 60 RHC.
- 27 of the most popular designs from graceys to McCall's to cumbias, and many european patterns.
- All instruments are guaranteed against defects in material and workmanship.

- All instruments bear the CE mark, emblematic of the european community's highest standards.
- Customer satisfaction guarantee, tool
- Less than 20 grams ... Lightweight for less hand fatigue.
- Manufactured to the most exacting standards so the 50th instrument you buy is exactly like your first.
- You decide ... Why pay more for the same high-quality instruments?

## HANDLES FOR MOUTH MIRRORS



## TWEEZERS



**DE-381**  
Surgical  
11.5cm



**DE-382**  
London College  
15cm



**DE-383**  
Semken Taylor  
Str.



**DE-384**  
Semken Taylor  
Cvd.



**DE-385**  
Meriam  
16cm



**DE-386**  
Dressing  
14cm



**DE-387**  
Semken Taylor  
1x2 Straight



**DE-388**  
Semken Taylor  
1x2 Curved



**DE-389**  
Gilles  
15cm 1x2



**DE-390**  
14cm 1x2



**DE-391**  
Perry  
13cm



**DE-392**  
Atraumatic  
15cm Cvd



**DE-393**  
Atraumatic  
15cm Str.



**DE-394**  
College with Lock  
15cm Cvd.



**DE-395**  
Gerald  
17.5cm



**DE-396**  
with lock  
15cm



**DE-397**  
Atraumatic  
17.5cm



## TWEEZERS



**DE-398**  
Adson-TC  
12cm



**DE-399**  
Adson-TC  
12cm 1x2



**DE-400**  
Adson-TC  
15cm 1x2



**DE-401**  
Adson  
12cm



**DE-402**  
Adson  
12cm 1x2



**DE-403**  
Adson  
15cm 1x2



**DE-404**  
Adson Brown  
12cm



**DE-405**  
Crane Kaplan  
15cm



**DE-406**  
Crane Kaplan  
15cm



**DE-407**  
Crane Kaplan  
15cm



**DE-408**  
Hemingway  
15cm



**DE-409**  
Miller  
15cm Str.



**DE-410**  
Miller  
15cm Cvd.



**DE-411**  
Dressing  
Tweezer  
14.5cm



**DE-412**  
College  
Curved  
Tip 15cm



**DE-413**  
Maryam  
Tweezers  
15cm



**DE-414**  
College  
Tweezer  
15cm



**DE-415**  
Perry  
Tweezer  
12.5cm



**DE-416**  
Self-locking  
Tweezer  
15cm



## EXPLORERS

Single Ended Probe Solid Handle 4.5mm Length 150mm



Single Ended Probe Hollow Handle 8.5mm Length 150mm



## EXPLORERS

Probes Single End Solid Handle 6mm, length 150mm



DE-445  
Fig. 8

DE-446  
Fig. 8

DE-447  
Fig. 9

DE-448  
Fig. 16

DE-449  
Fig. 23

Probes Single Ended 6mm, length 150mm



DE-450 Perio Probe Williams

DE-451 Perio Probe WHO

DE-452 Perio Probe 11

DE-453 Perio Probe 12

Examination kit Set of 3 Pieces



DE-454  
Probe

DE-455  
Mirror

DE-456  
College Forcep  
15cm

Examination Set of 4 Pieces



Examination Set of 4 Pieces



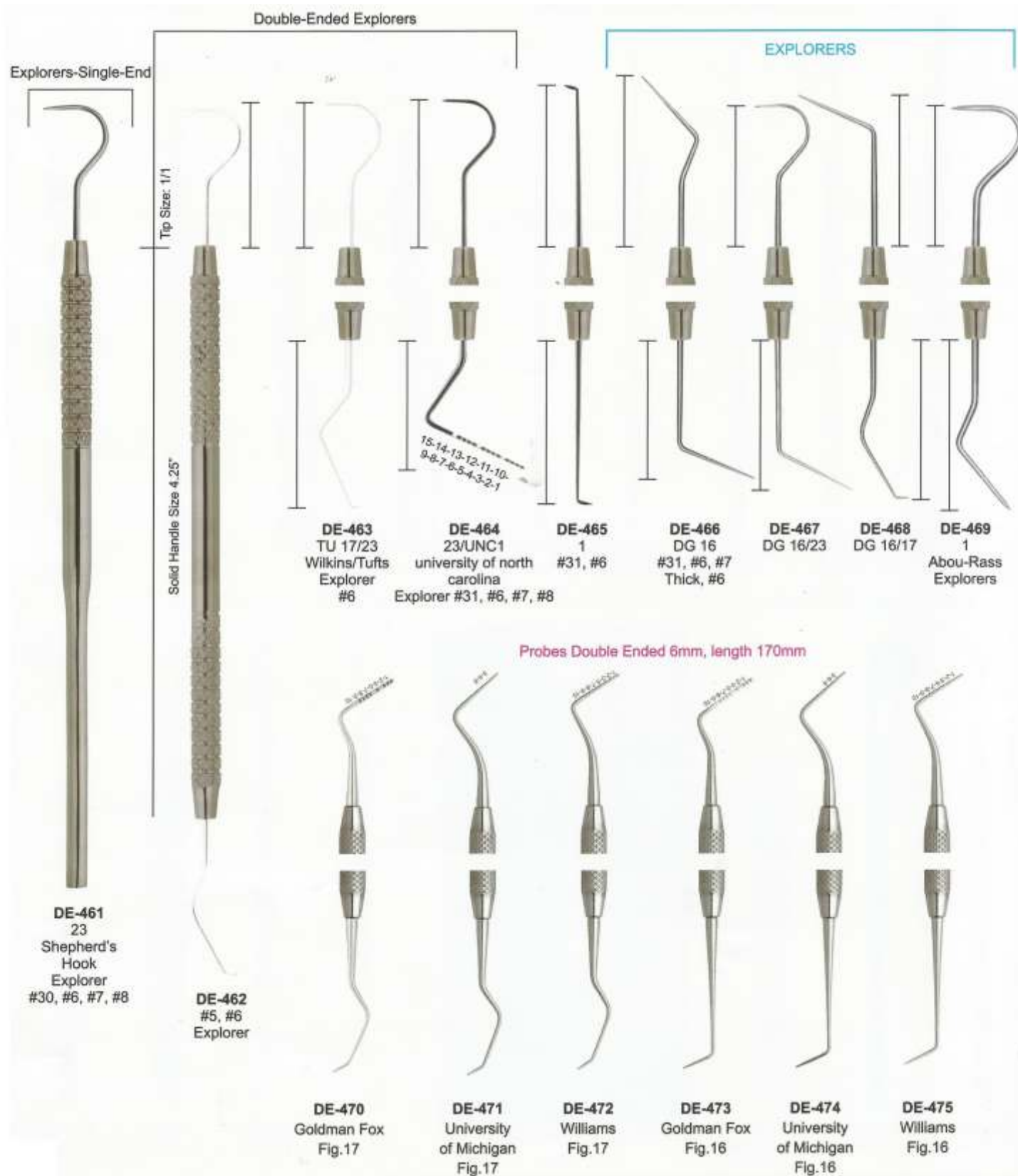
DE-457  
Exp,23/17-A

DE-458  
Exavators

DE-459  
Tweezers

DE-460  
Mouth Mirror

## EXPLORERS (solid Handle 6mm, Length 170mm)

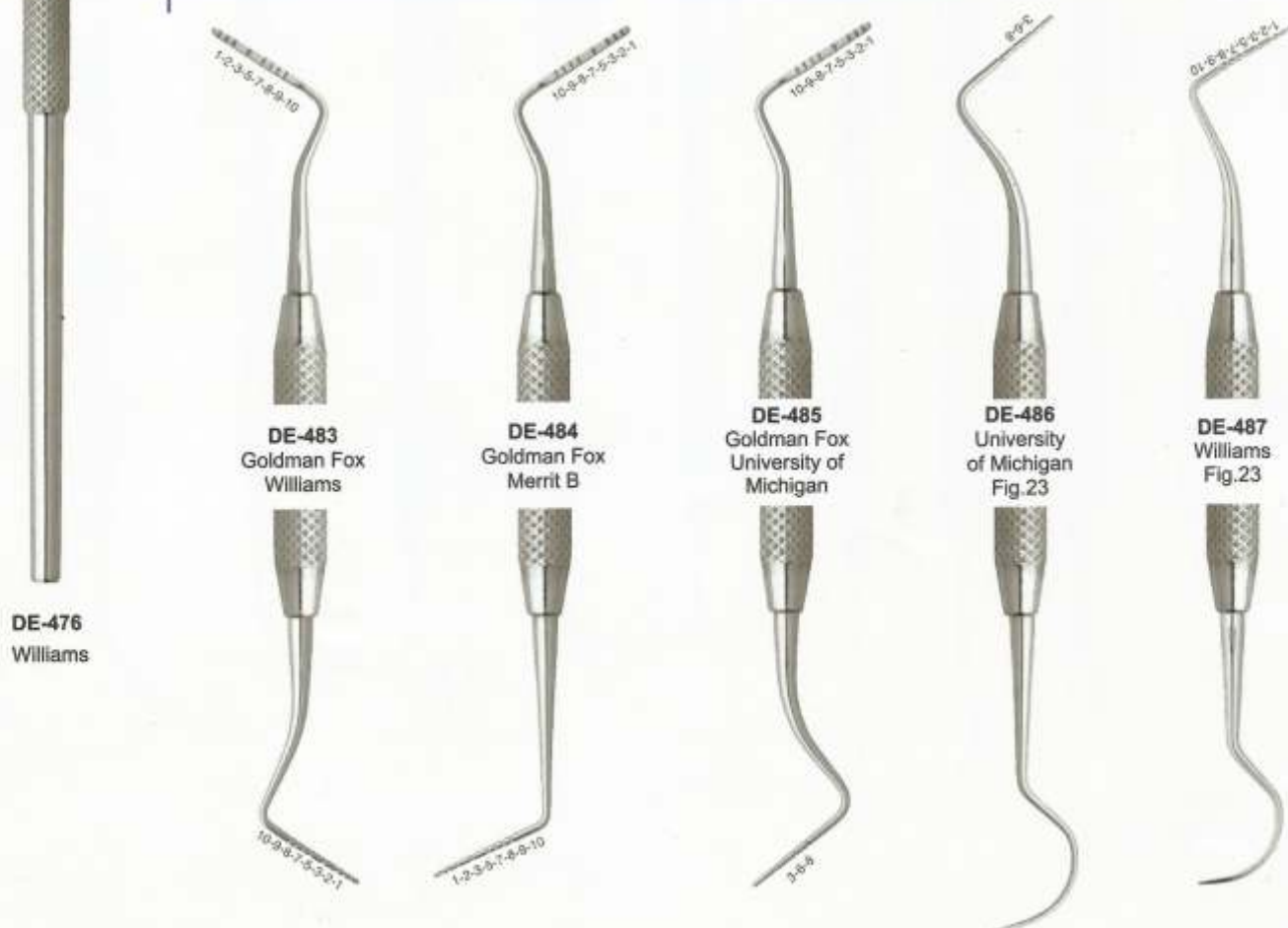


## EXPLORERS

Pointed Probes Single Ended Handle 6mm, length 150mm



Pointed Probes Double Ended Handle 6mm, length 170mm





## PERIODONTAL INSTRUMENTS



WILLIAM PROBE SET DOUBLE ENDED WITH HOLLOW HANDLE 9.5MM, LENGTH 170MM  
CERAMIC COATED HANDLE

Proper care must be given during cleaning, sharpening and sterilization to preserve design and integrity and to prolong usefulness. Do not expose instruments to sterilization temperatures above 350 F/177 C or to higher than recommended chemical concentrations.

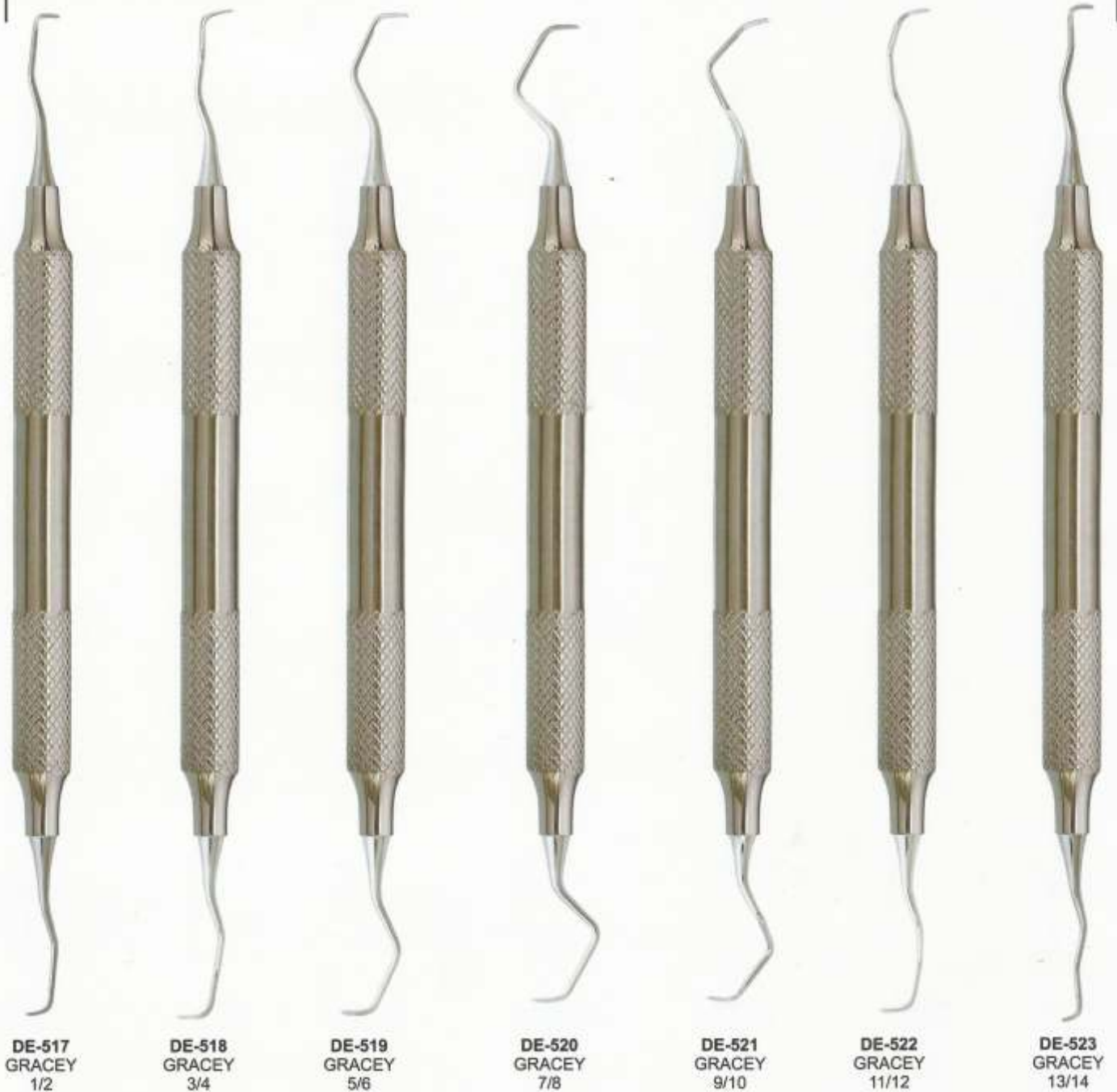


## EXPLORERS



## CURETTES

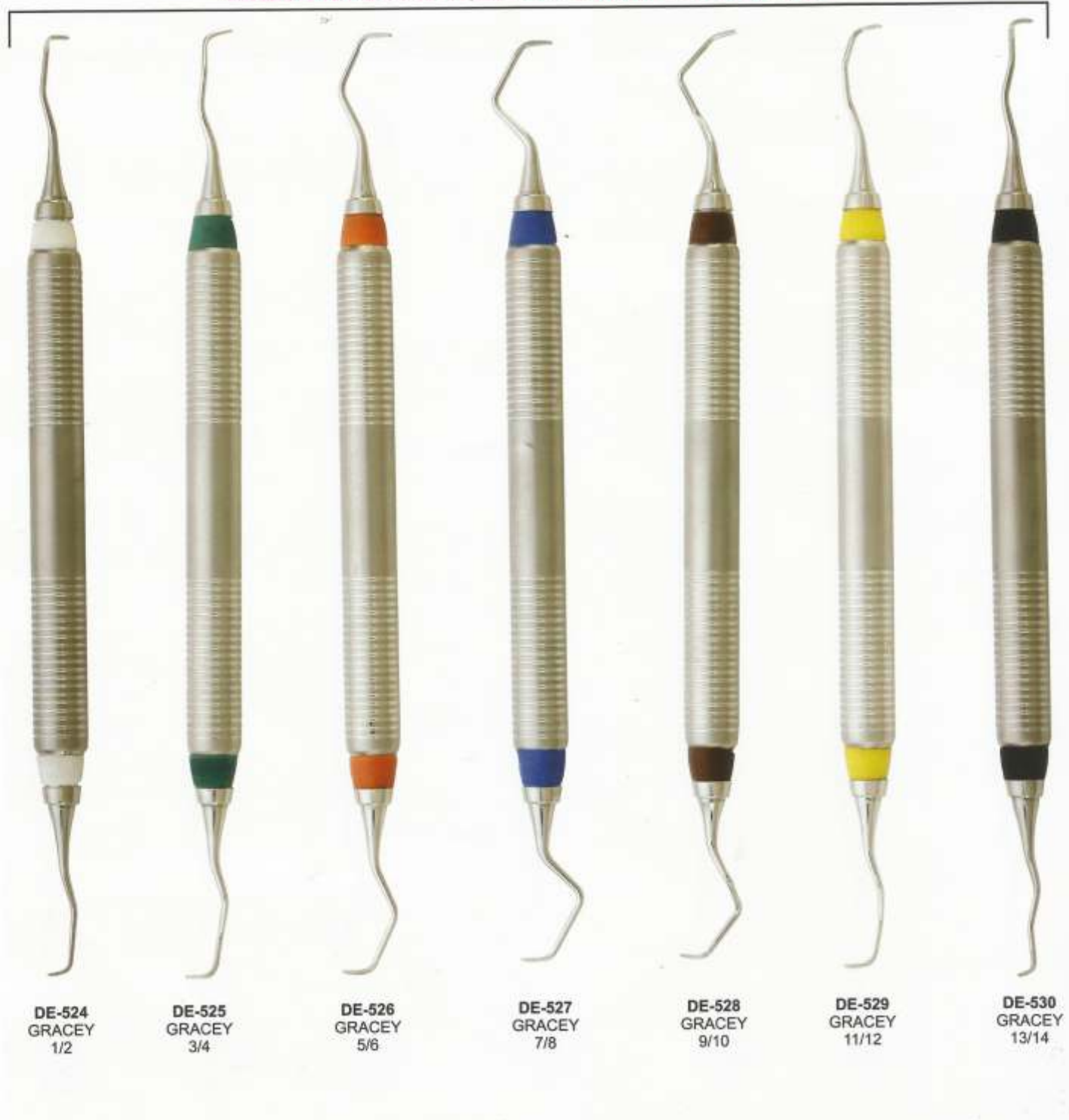
GRACEY SET OF 7 PCS HOLLOW HANDLE 9.5MM, LENGTH 170MM





## CURETTES

**GRACEY SET OF 7 PCS**  
**HOLLOW HANDLE 9.5MM, LENGTH 170MM WITH SILICON GRIP**



## CURETTES

### GRACEY MINI FIVE

HOLLOW HANDLE 9.5MM, LENGTH 170MM  
CERAMIC COATED HANDLE

### GRACEY AFTER FIVE

HOLLOW HANDLE 9.5MM, LENGTH 170MM  
CERAMIC COATED HANDLE



DE-531 Gracey 1/2  
DE-532 Gracey 3/4  
DE-533 Gracey 5/6  
DE-534 Gracey 7/8  
DE-535 Gracey 11/12  
DE-536 Gracey 13/14

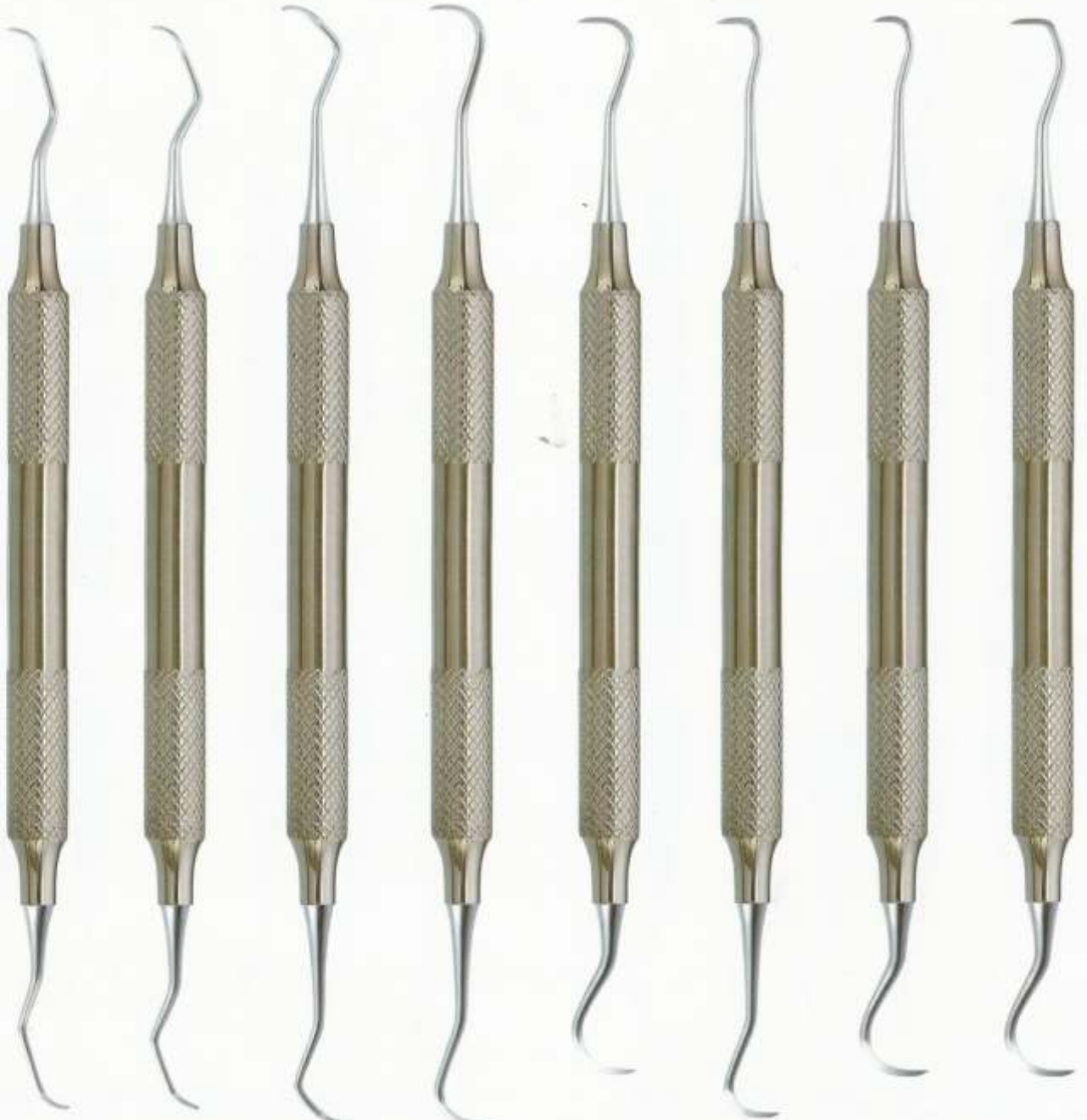
DE-537 Gracey 1/2 AF  
DE-538 Gracey 3/4 AF  
DE-539 Gracey 5/6 AF  
DE-540 Gracey 7/8 AF  
DE-541 Gracey 11/12 AF  
DE-542 Gracey 13/14 AF

Proper care must be given during cleaning, sharpening and sterilization to preserve design and integrity and to prolong usefulness. Do not expose instruments to sterilization temperatures above 350 F/177 C or to higher than recommended chemical concentrations.

## CURETTES

### GRACEY CURETTE HOLLOW HANDLE 10MM, LENGTH 170MM

#### Curetters Set of 8 Pieces



**DE-543**  
Curette  
Columbia  
2L-2R

**DE-544**  
Curette  
Columbia  
4L-4R

**DE-545**  
Curette  
McCall  
13S-14S

**DE-546**  
H6-H7  
Scaler  
Sickle

**DE-547**  
H5-U15  
Scaler  
Sickle

**DE-548**  
H5-13  
Scaler  
Sickle

**DE-549**  
U15-30  
Scaler  
Sickle

**DE-550**  
U15-33  
Scaler  
Sickle

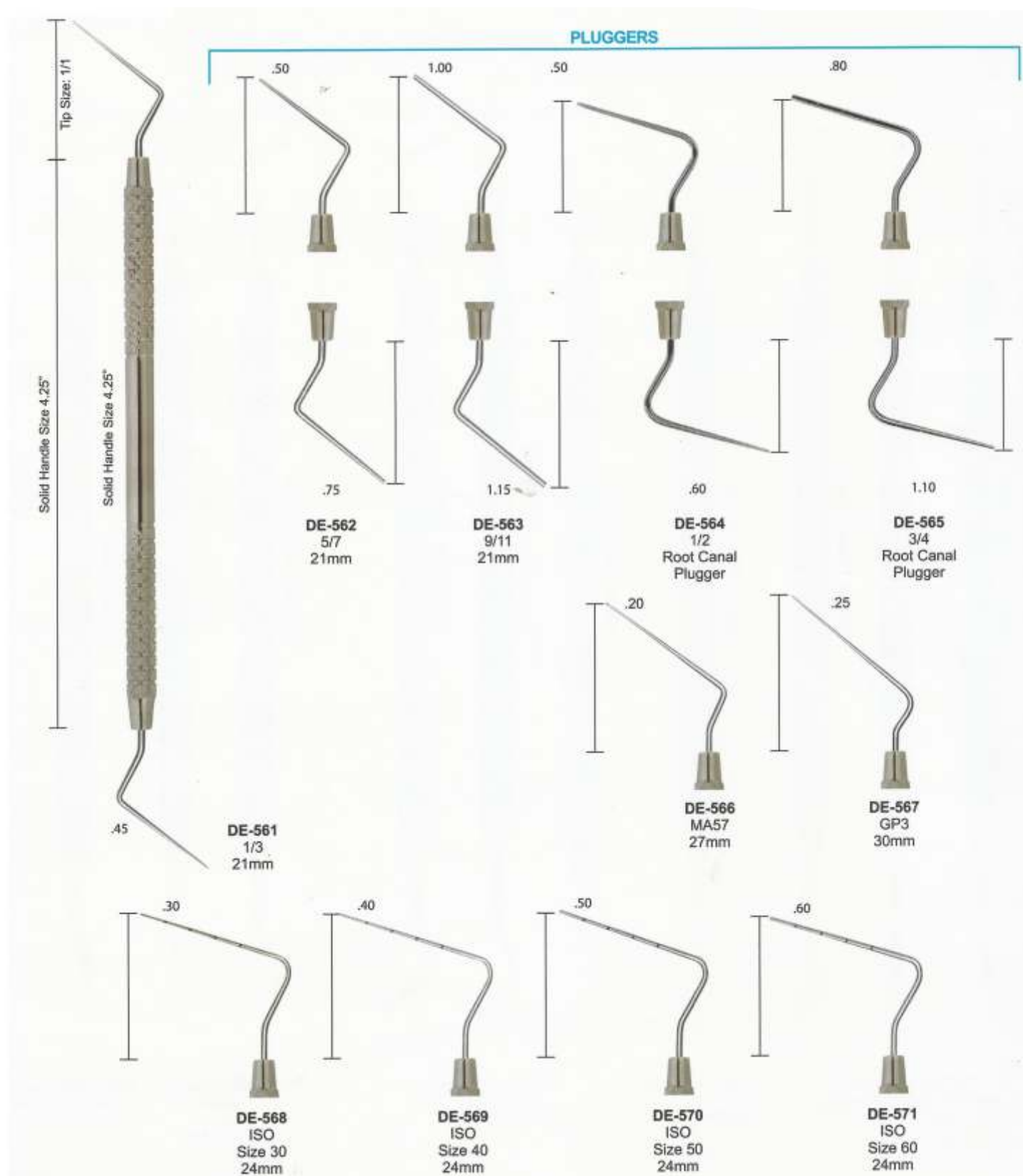


## FILLING INSTRUMENTS

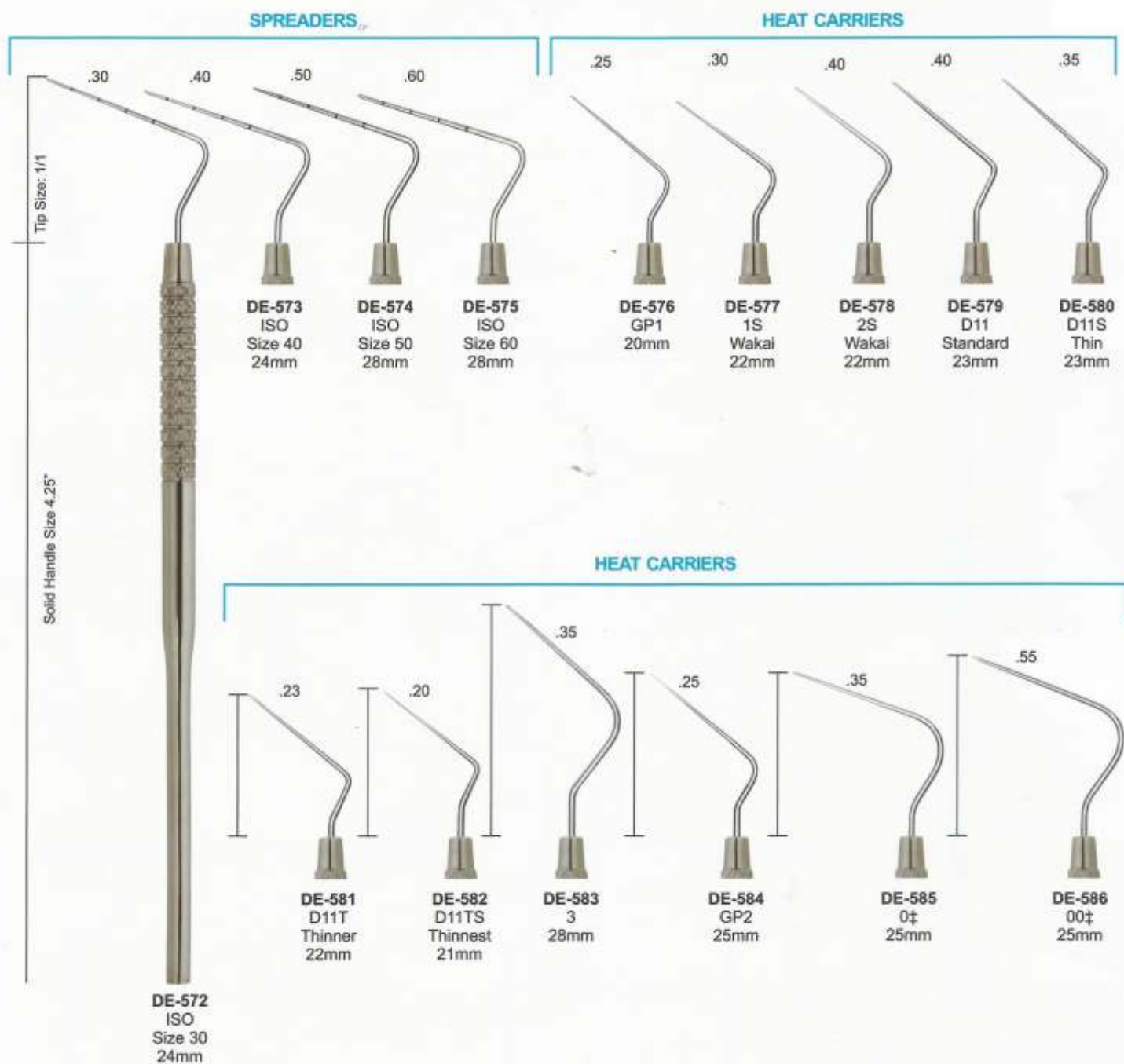




## EXPLORERS INSTRUMENTS (Solid Handle 6mm Length 170mm)



## PERIODONTAL PROBES



## PERIODONTAL PROBES

### ENDODONTICS INSTRUMENTS

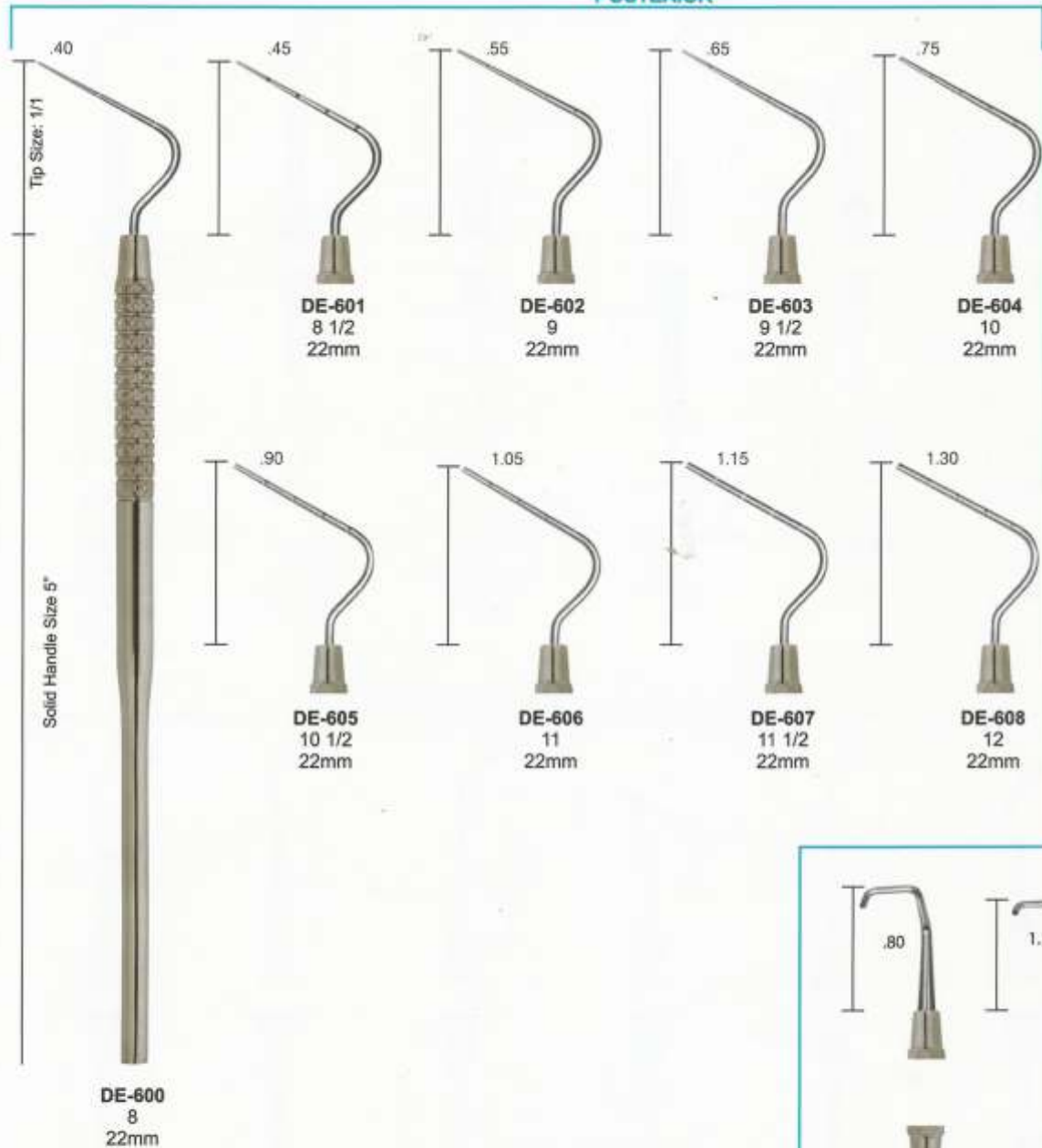
#### ANTERIOR



## PERIODONTAL PROBES

### ENDODONTICS INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

#### POSTERIOR

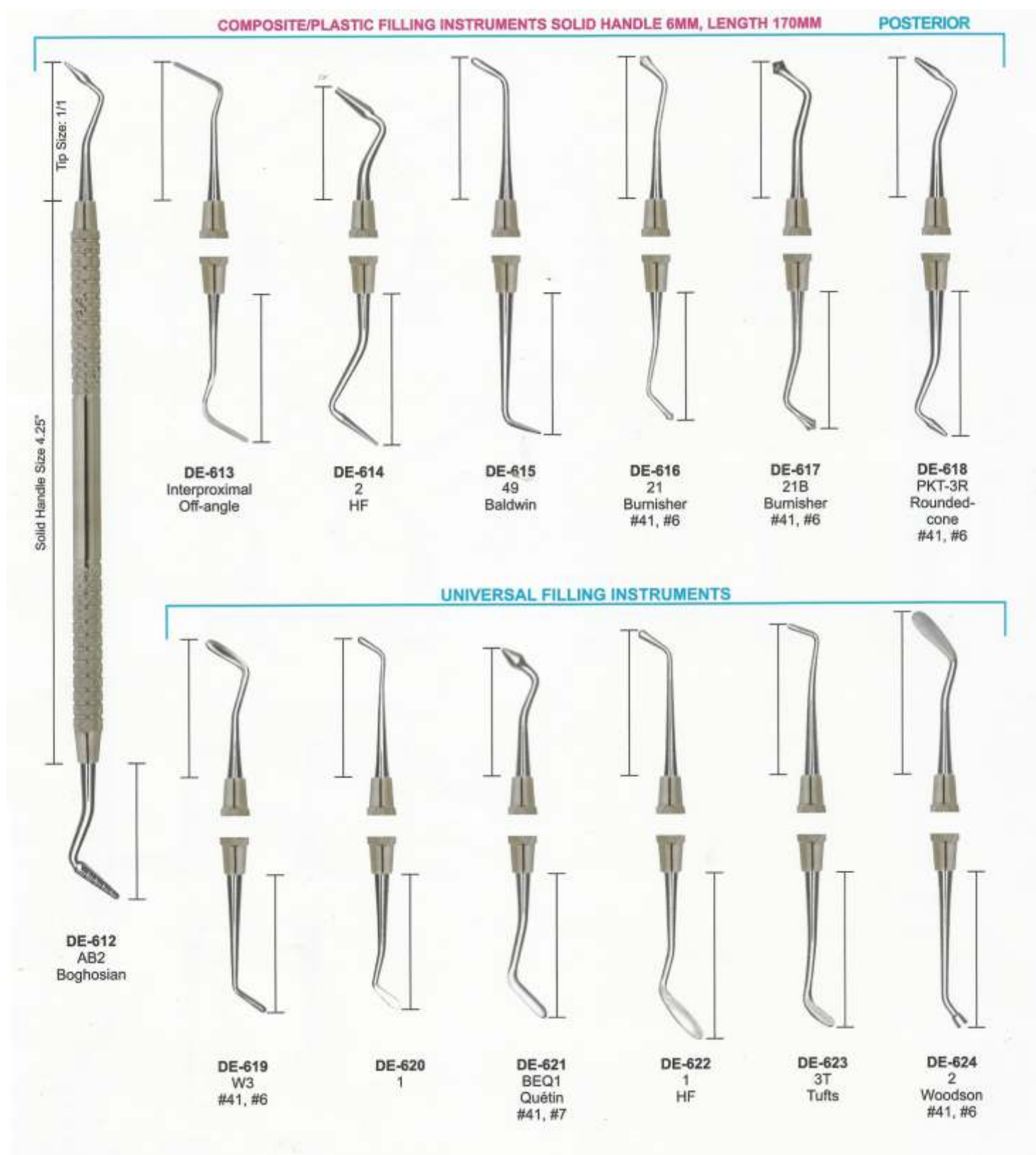


#### RETRO FILLING PLUGGERS





## FILLING INSTRUMENTS



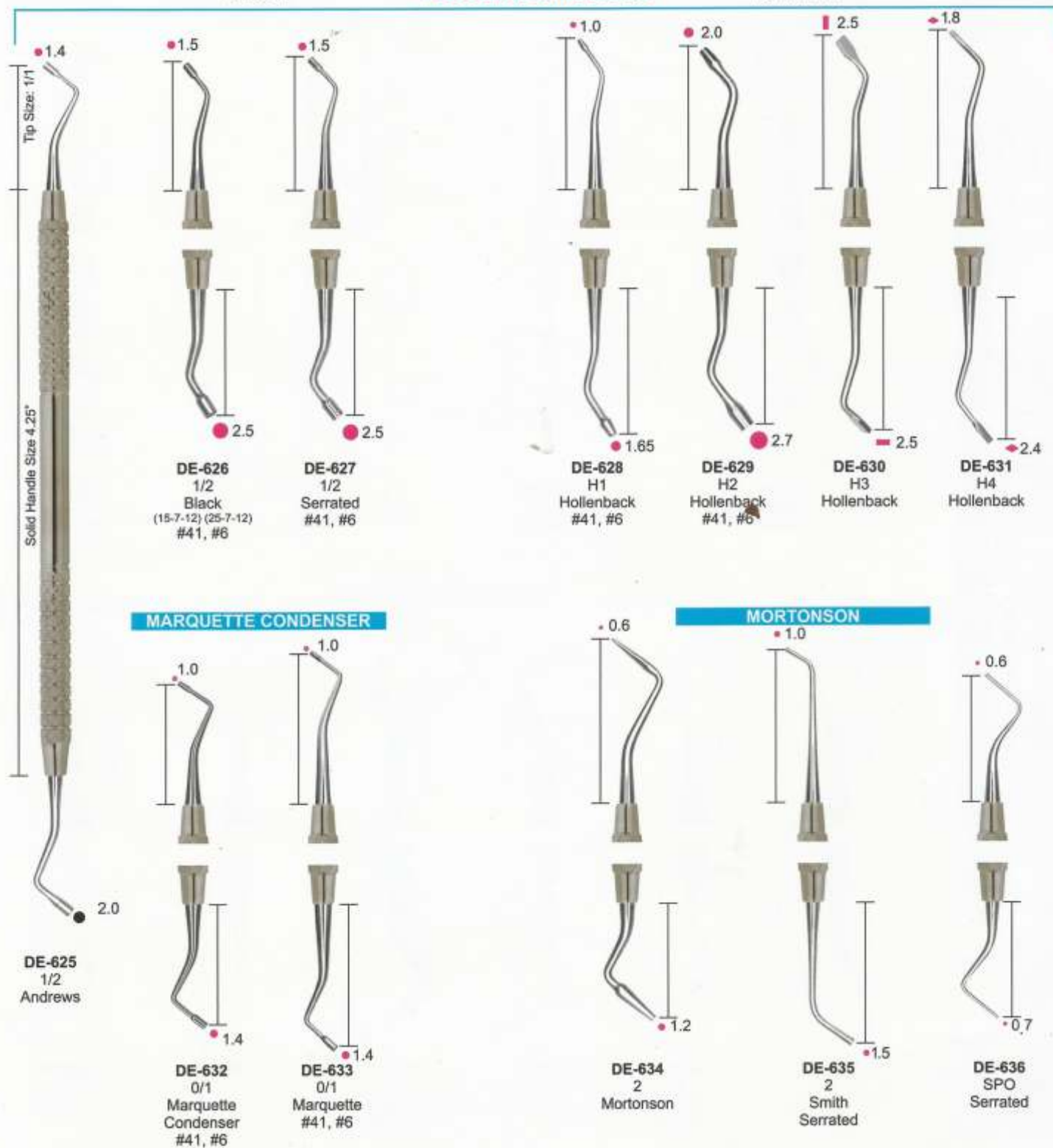
## FILLING INSTRUMENTS

COMPOSITE/PLASTIC FILLING INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

BLACK

PLUGGERS/CONDENSERS

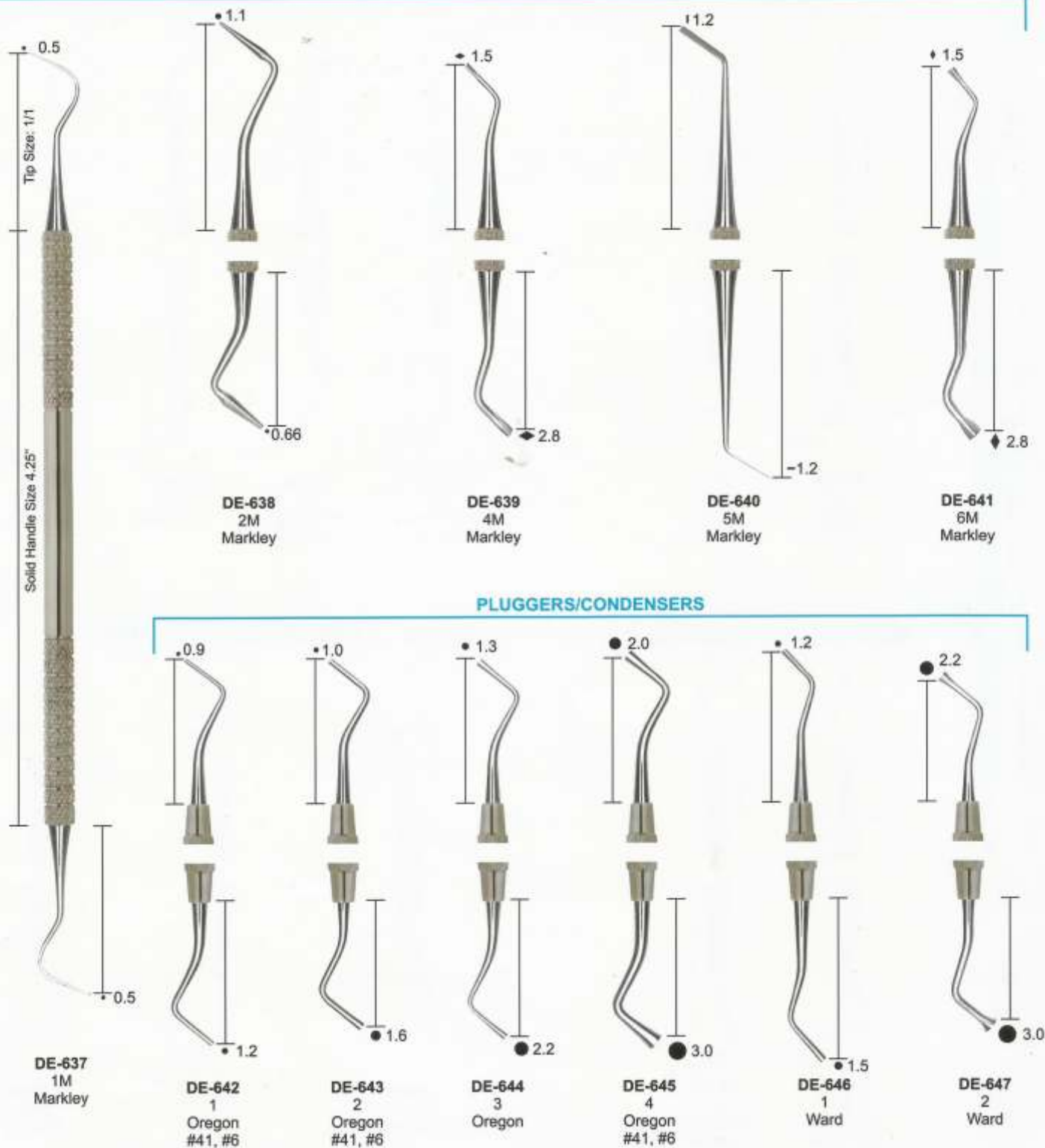
Hollenback



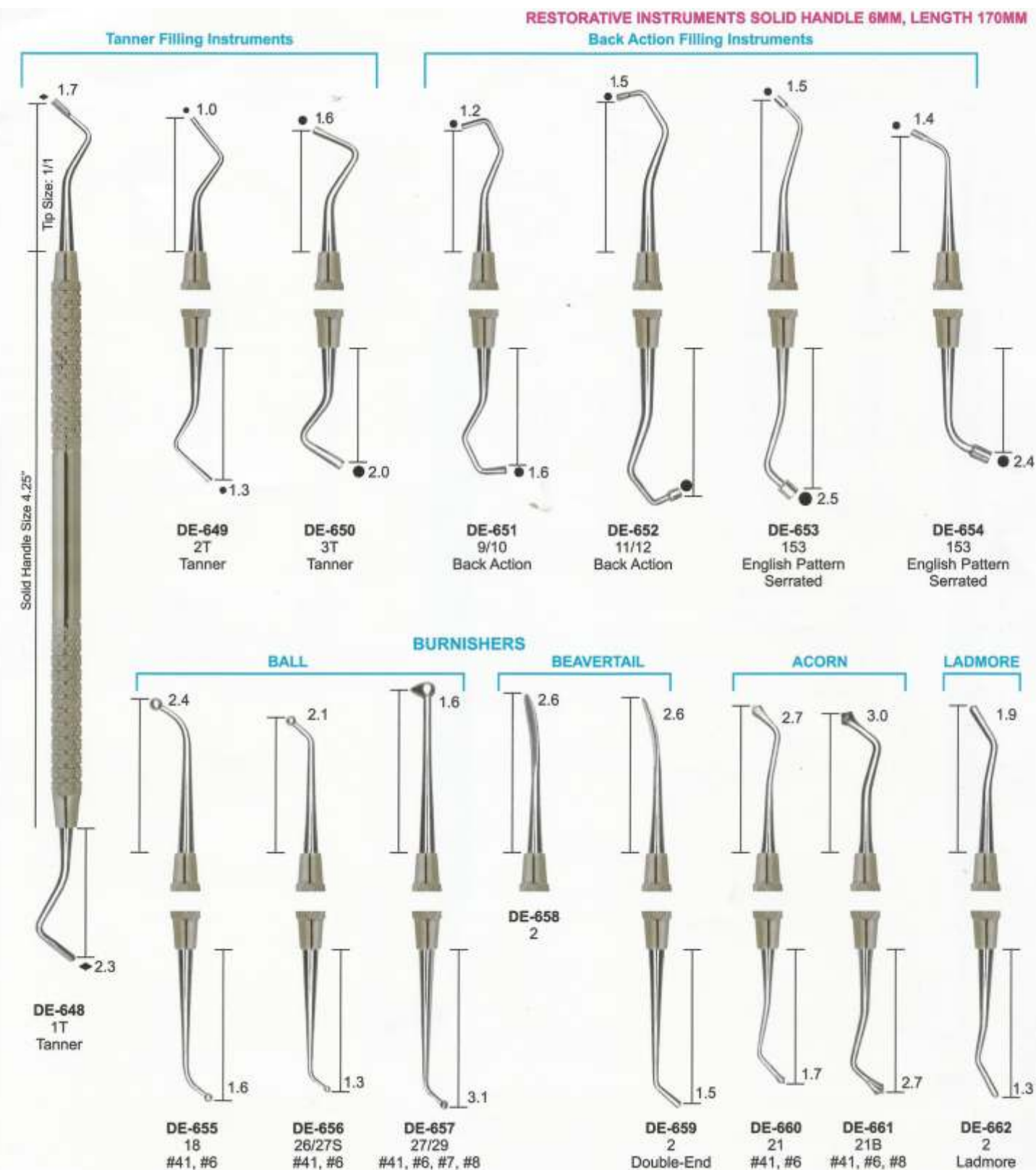
## FILLING INSTRUMENTS

### PLUGGERS/CONDENSERS

### RESTORATIVE INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM



## FILLING INSTRUMENTS



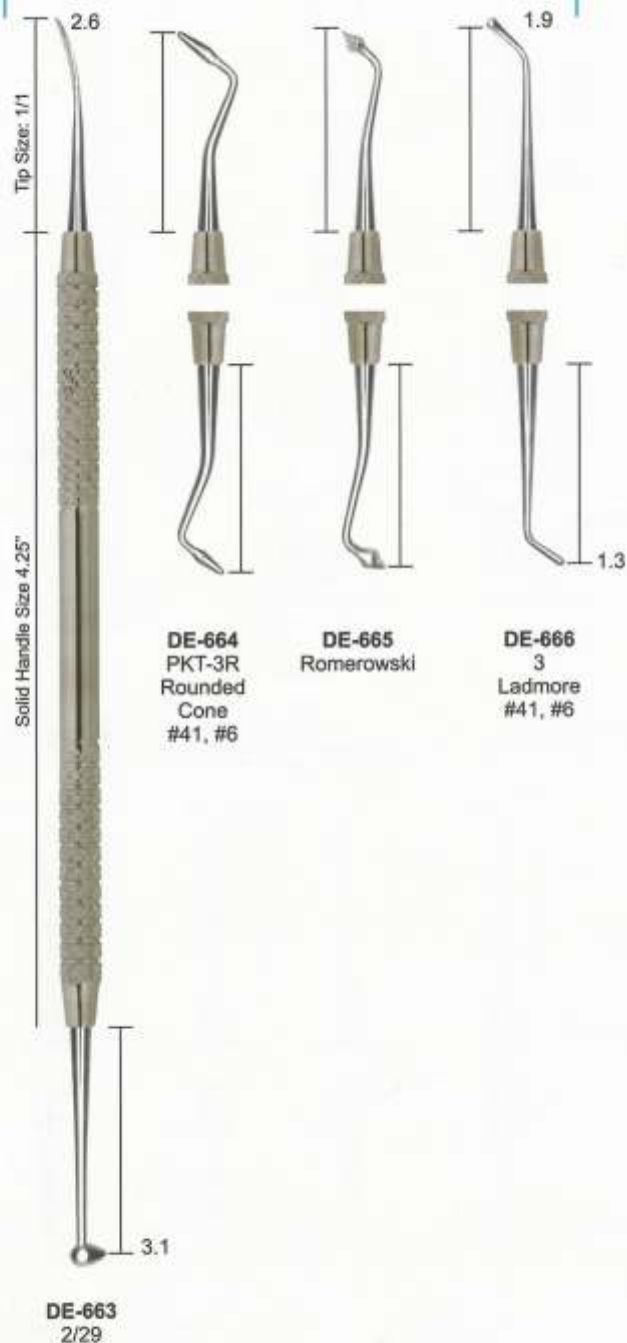


## FILLING INSTRUMENTS

### RESTORATIVE INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

#### BURNISHERS

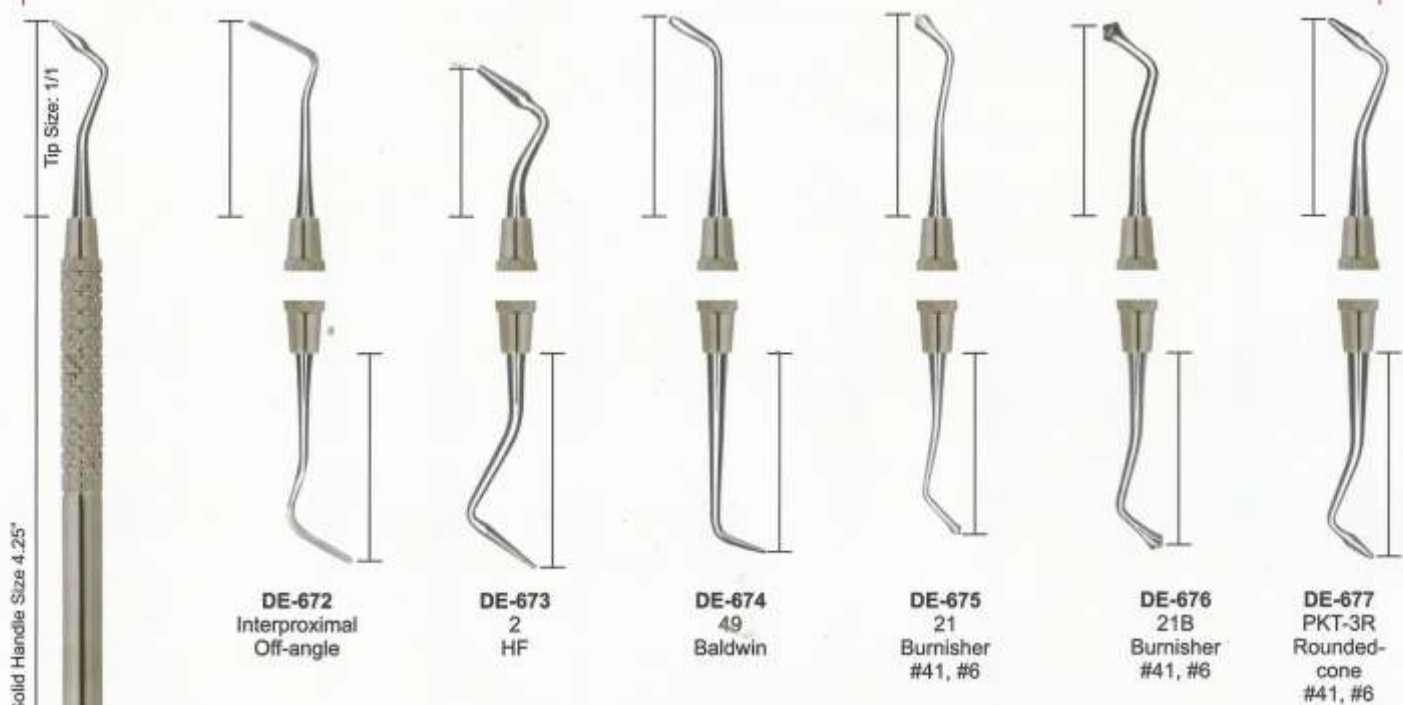
#### PERIODONTAL FILES



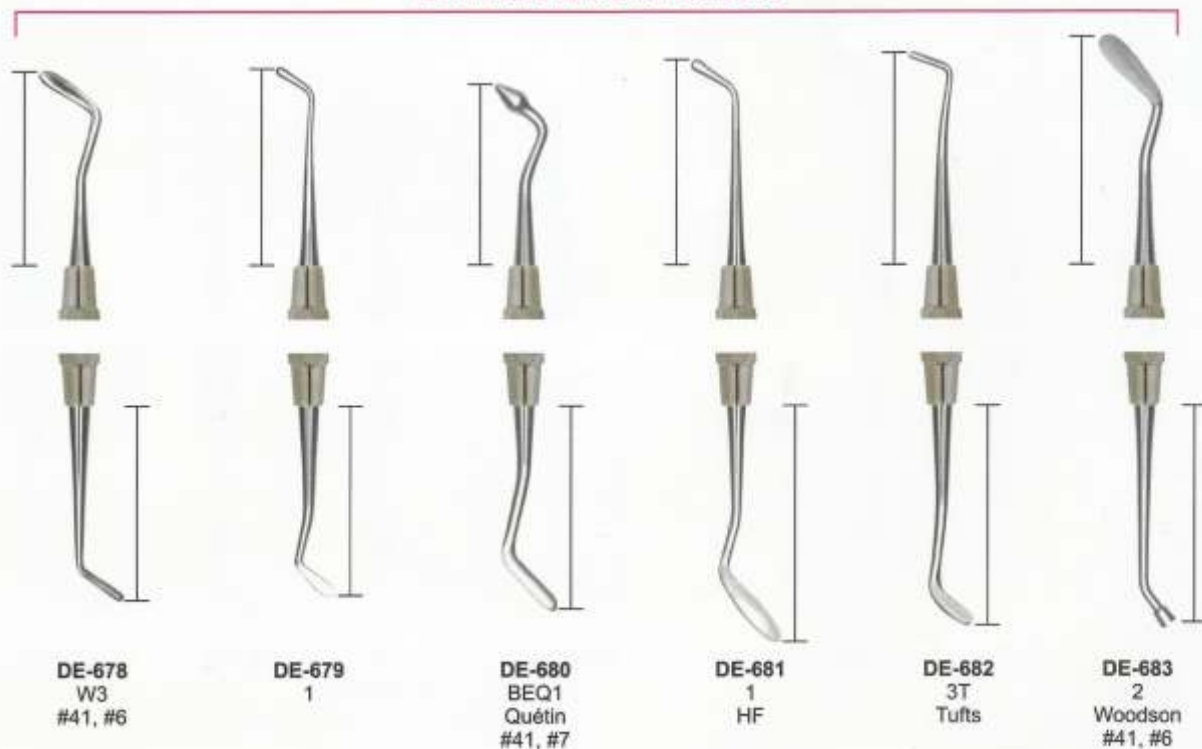
## FILLING INSTRUMENTS

### BURNISHER FILLING INSTRUMENTS

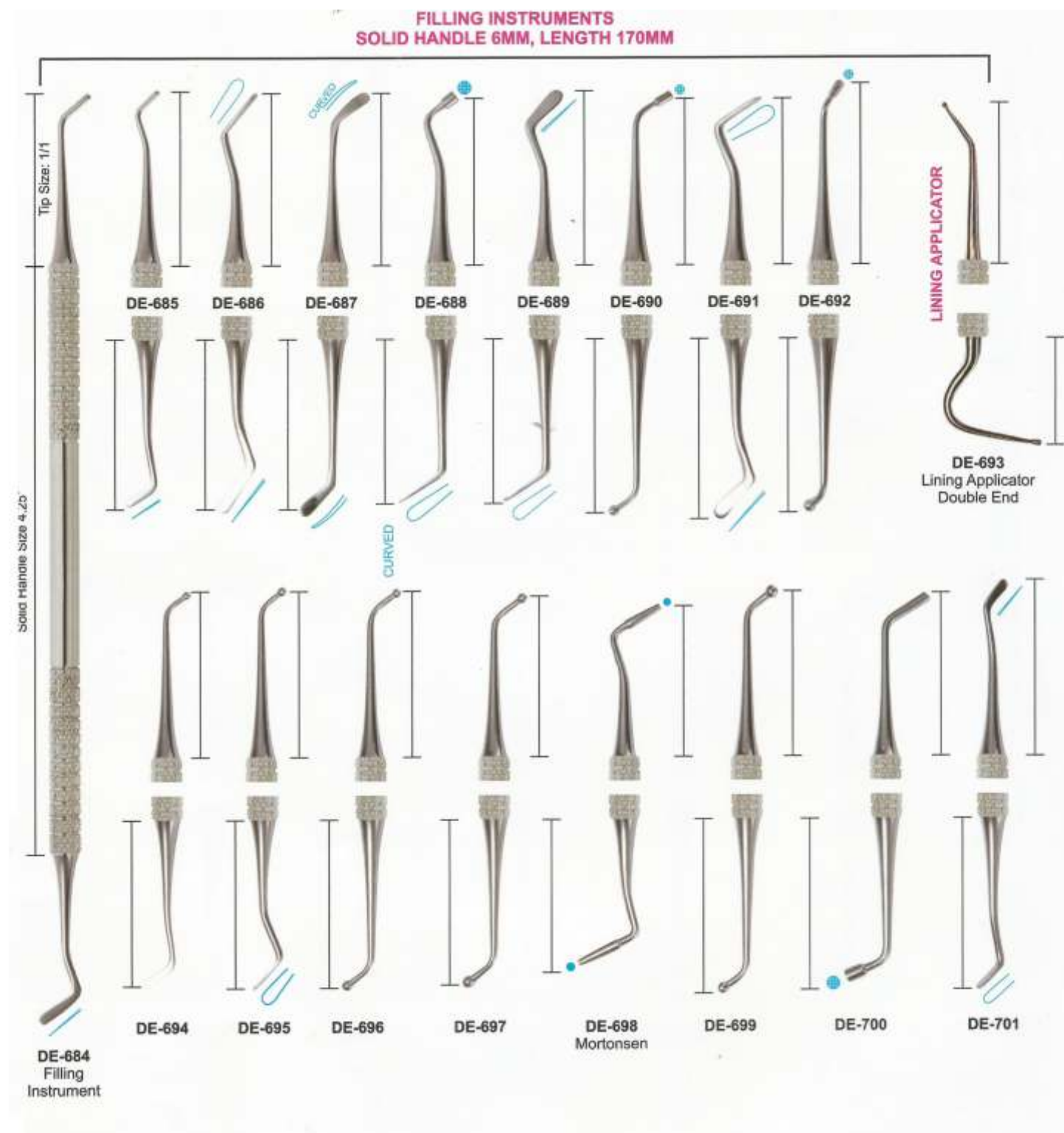
### COMPOSITE/PLASTIC FILLING INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM



### UNIVERSAL FILLING INSTRUMENTS



## FILLING INSTRUMENTS



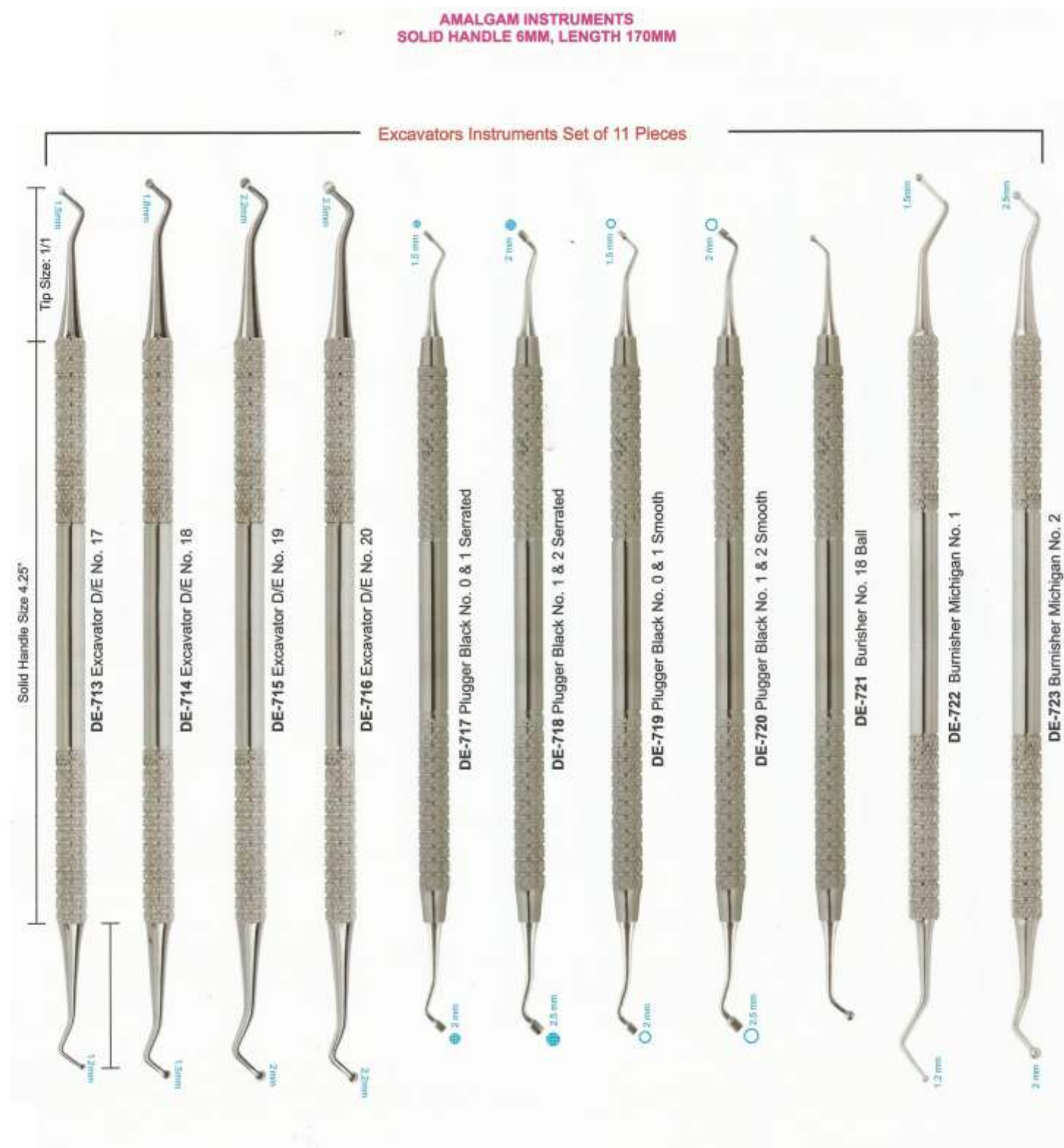
## AMALGAM CARVERS

### AMALGAM INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM





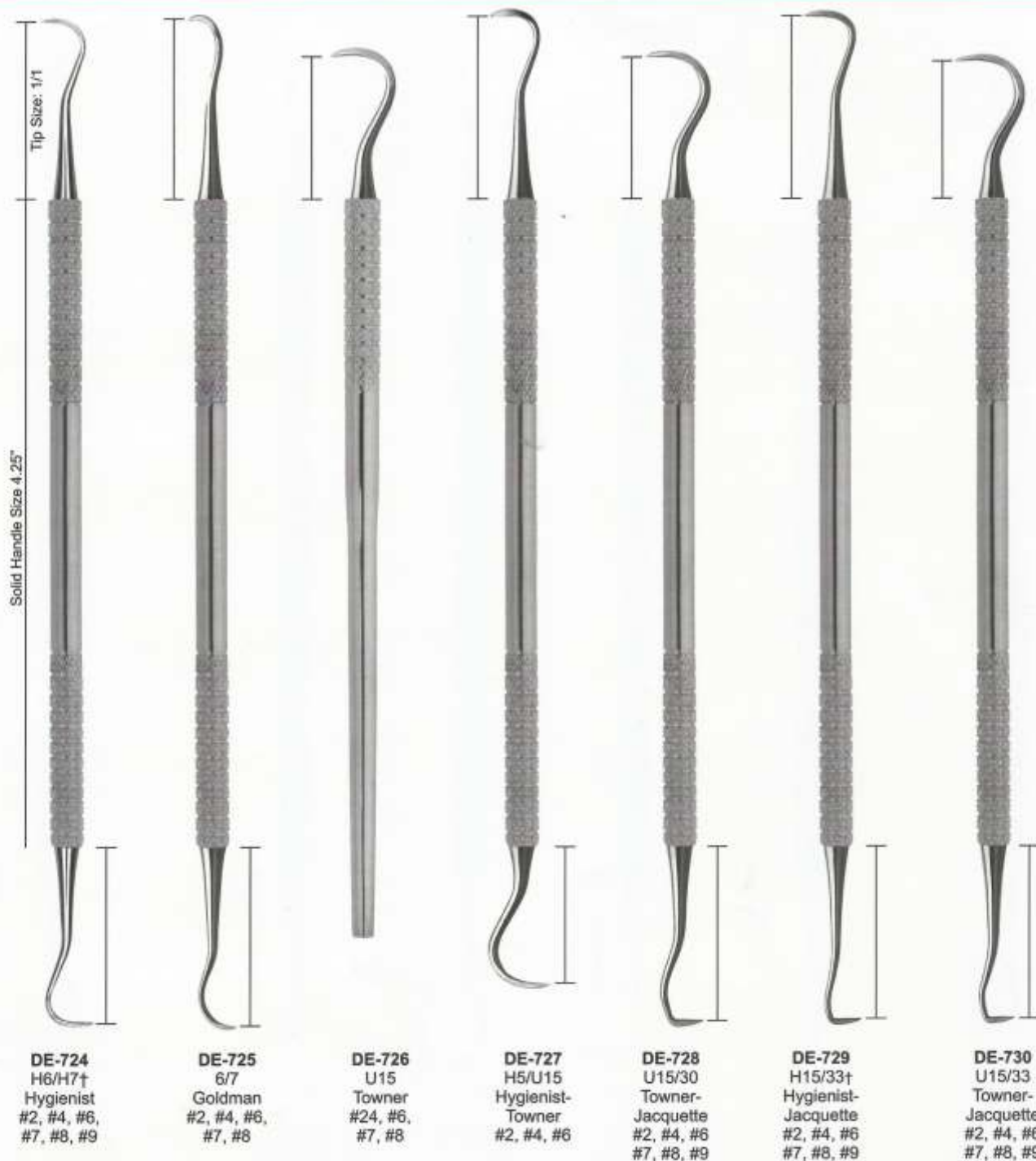
## AMALGAM CARVERS



## PERIODONTAL INSTRUMENTS

### SICKLE SCALERS INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

#### SICKLE SCALERS

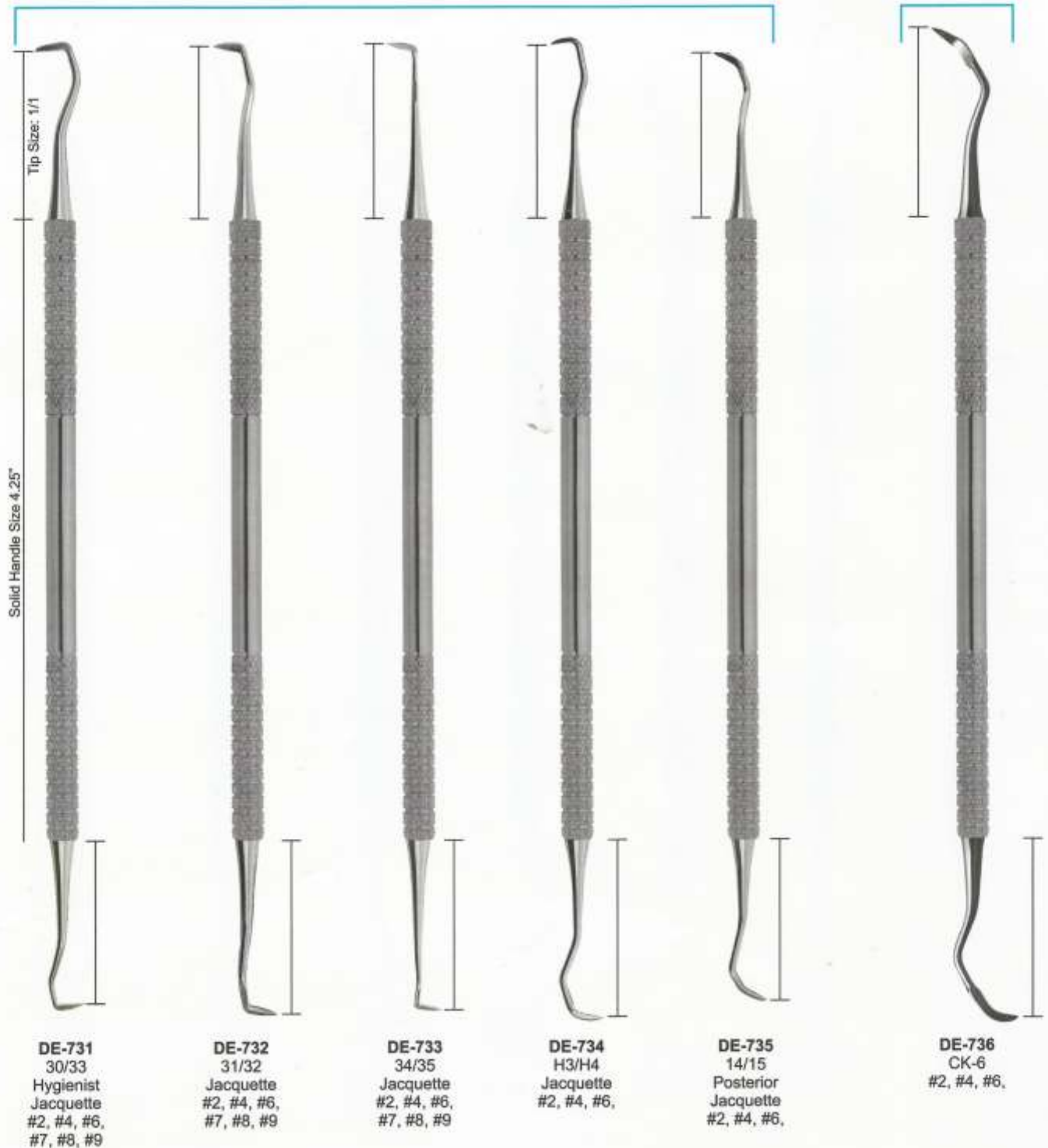


## PERIODONTAL INSTRUMENTS

PERIODONTAL INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

### JACQUETTE SCALERS

### CRANE-KAPLAN



## PERIODONTAL INSTRUMENTS

### PERIODONTAL INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM SCALER/CURETTE SETS





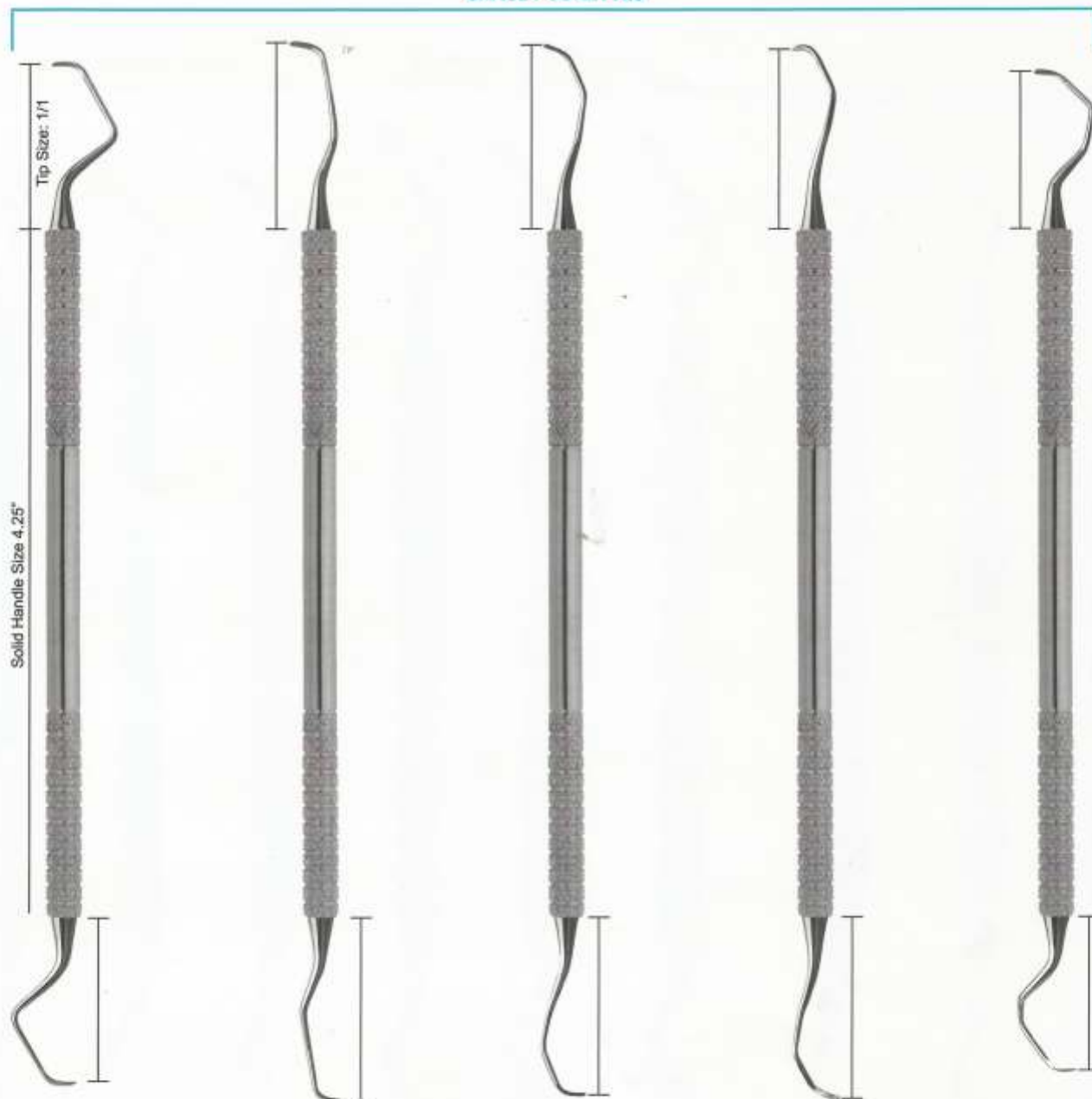
## CURETTES



## CURETTES

### GRACEY CURETTE INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

#### GRACEY CURETTES



**DE-757**  
9/10†  
(shown)  
#2, #4, #6  
#7, #8, #9

**DE-759**  
11/12†  
(shown)  
#2, #4, #6  
#7, #8, #9

**DE-792**  
13/14†  
(shown)  
#2, #4, #6  
#7, #8, #9

**DE-765**  
15/16†  
(shown)  
#2, #4, #6  
#7, #8, #9

**DE-767**  
17/18  
#2, #4, #6  
#7, #8, #9

**DE-758**  
9/10  
Rigid  
#2, #4, #6  
#7, #8

**DE-760** **DE-761**  
11/12 11/12  
Rigid Extra Rigid  
#2, #4, #6 #4, #6 #7,  
#7, #8, #9 #8

**DE-793** **DE-764**  
13/14 13/14  
Rigid Extra Rigid  
#2, #4, #6 #4, #6 #7,  
#7, #8, #9 #8

**DE-766**  
15/16  
Rigid  
#2, #4, #6  
#7, #8, #9

**DE-768**  
17/18  
Rigid  
#2, #4, #6  
#7, #8, #9

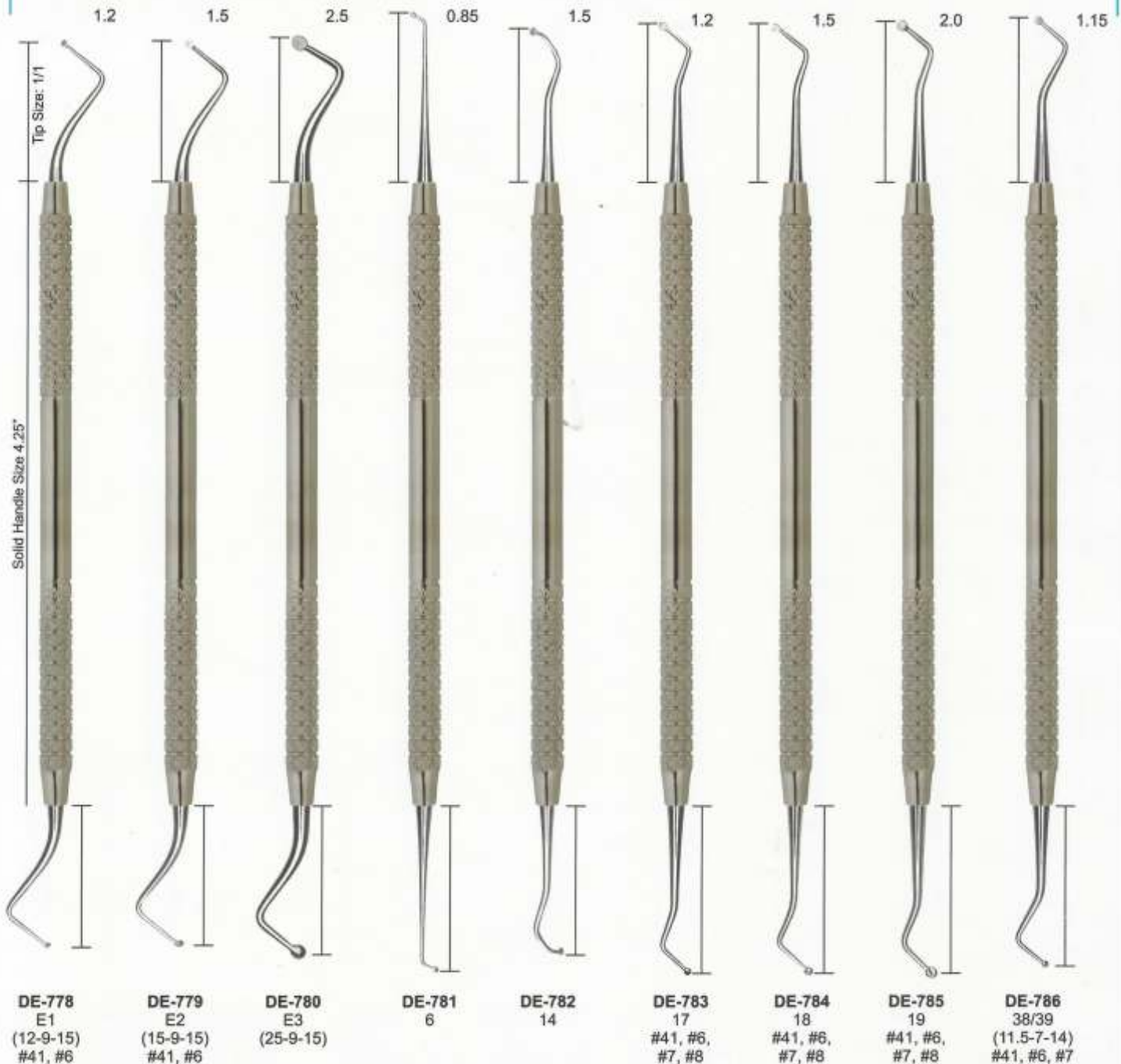
## CURETTES



## EXCAVATORS

### EXCAVATORS INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

### SPOONS

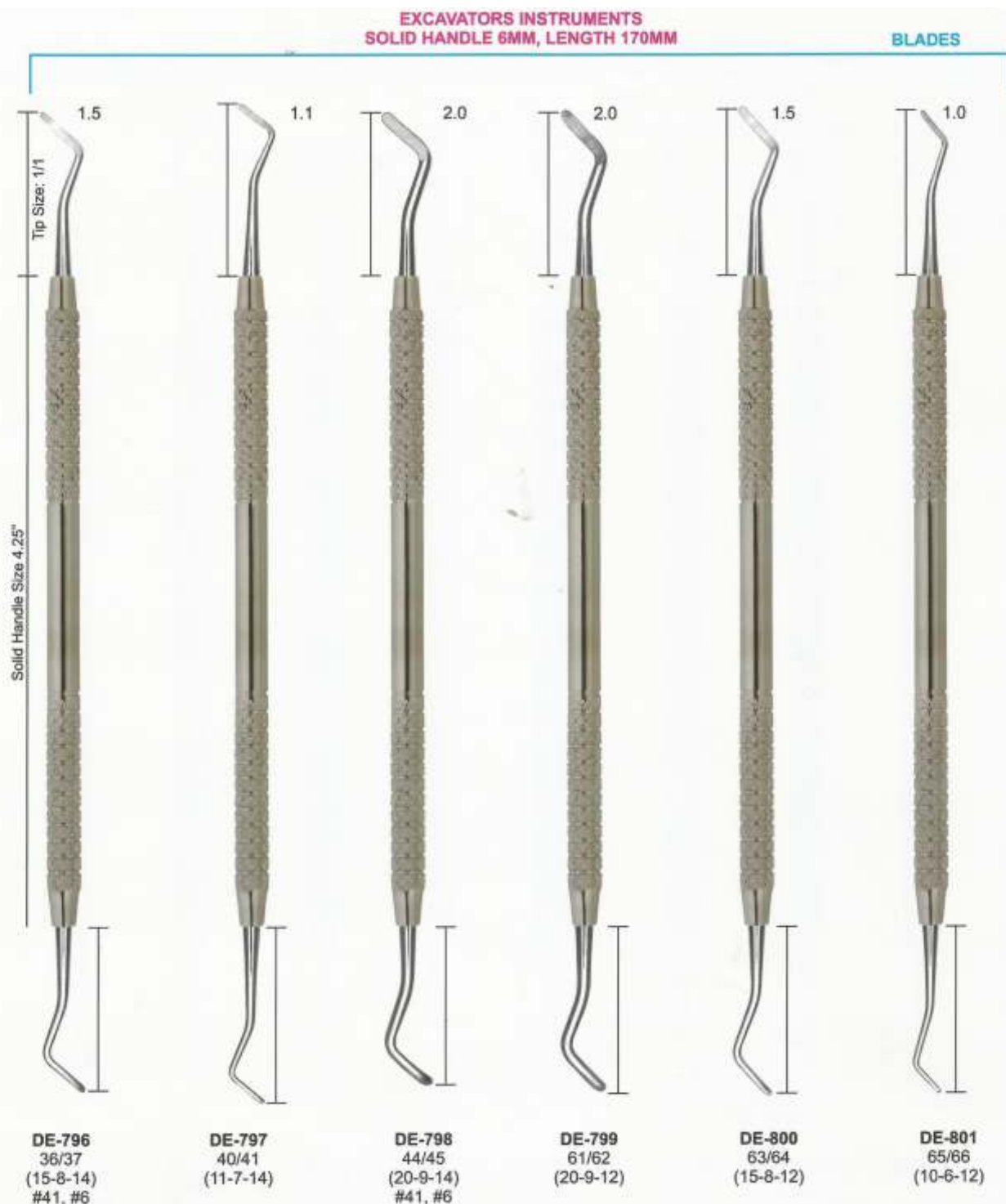




## EXCAVATORS



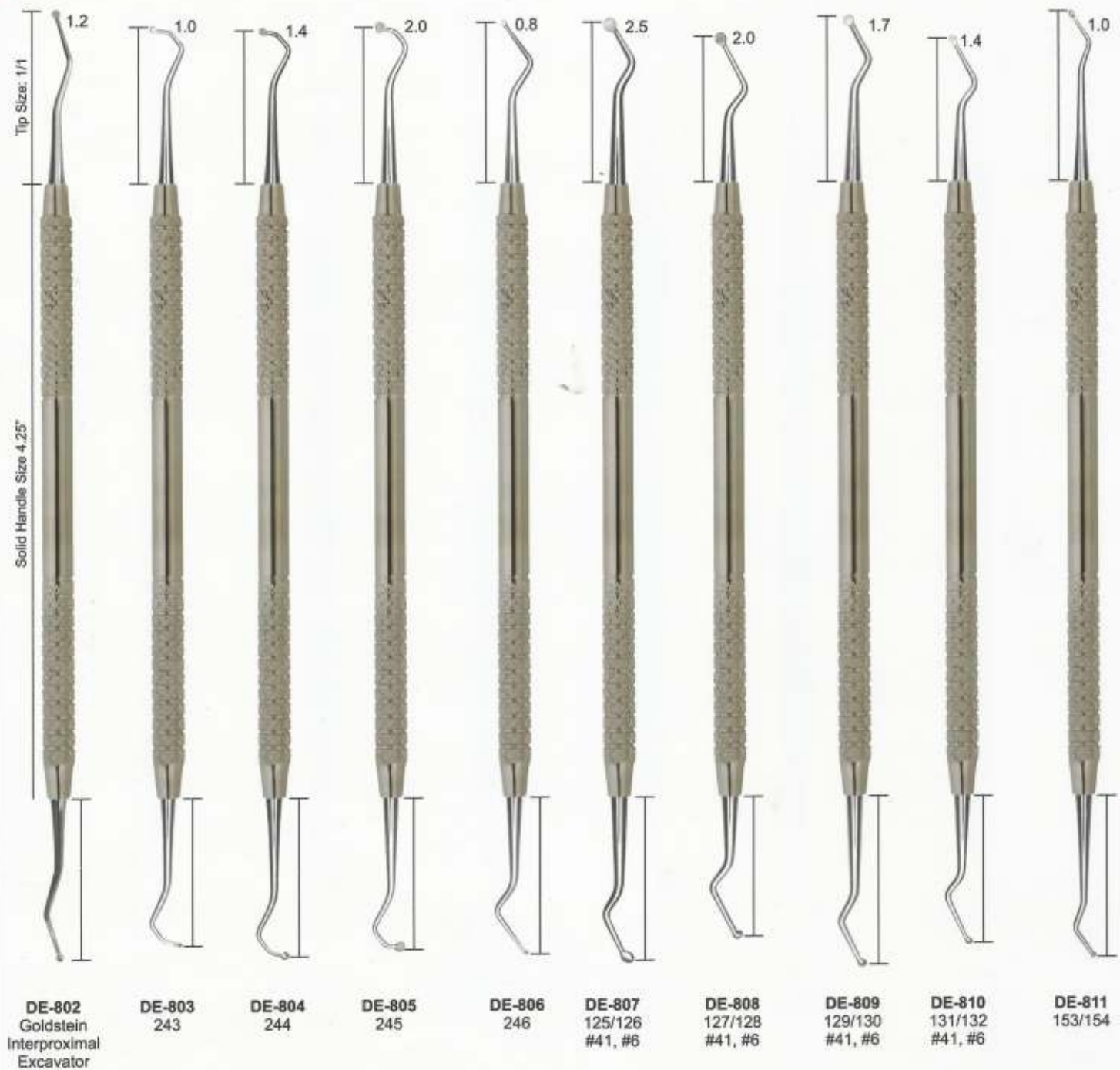
## EXCAVATORS



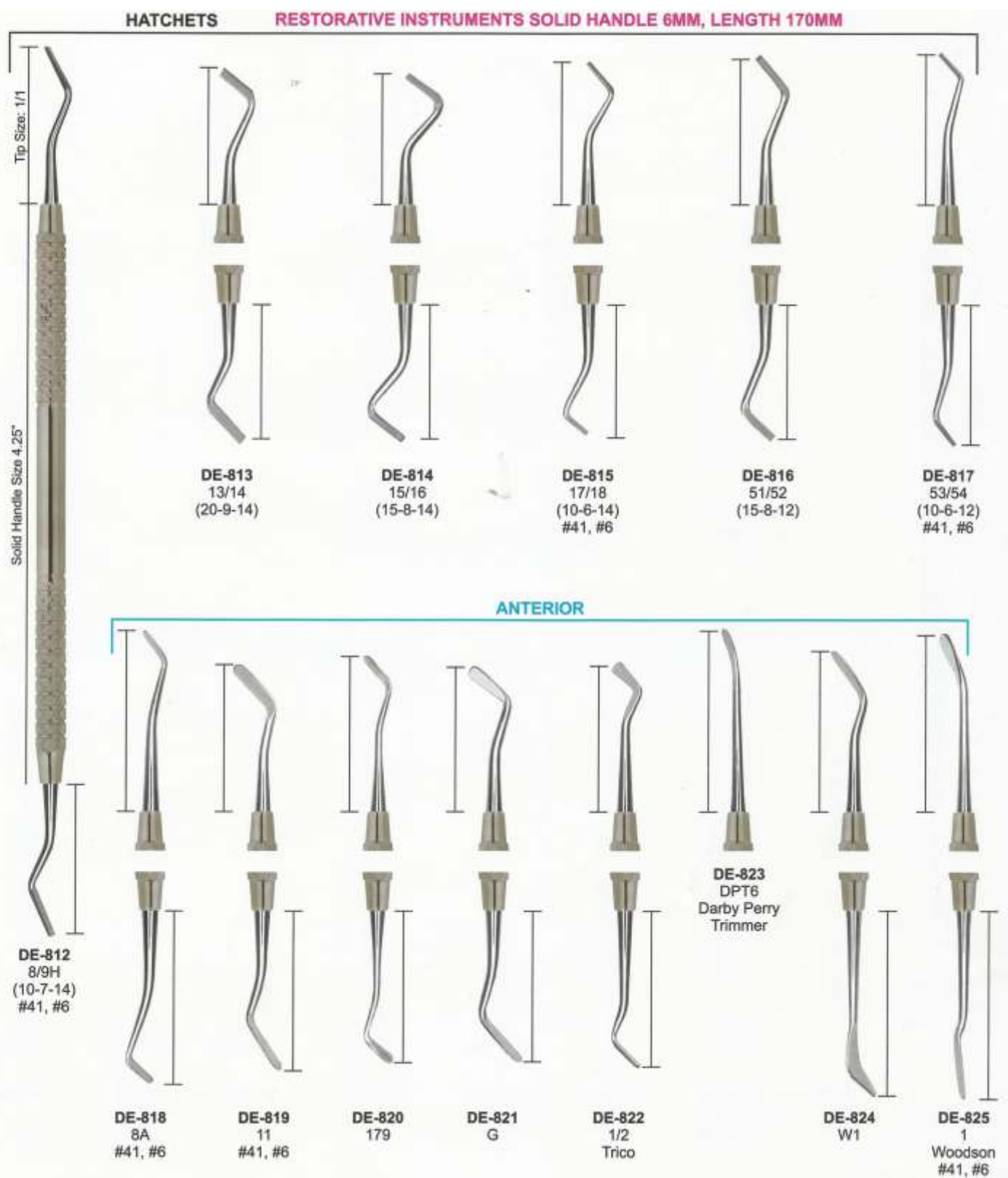
## EXCAVATORS

EXCAVATORS INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

ENGLISH PATTERNS

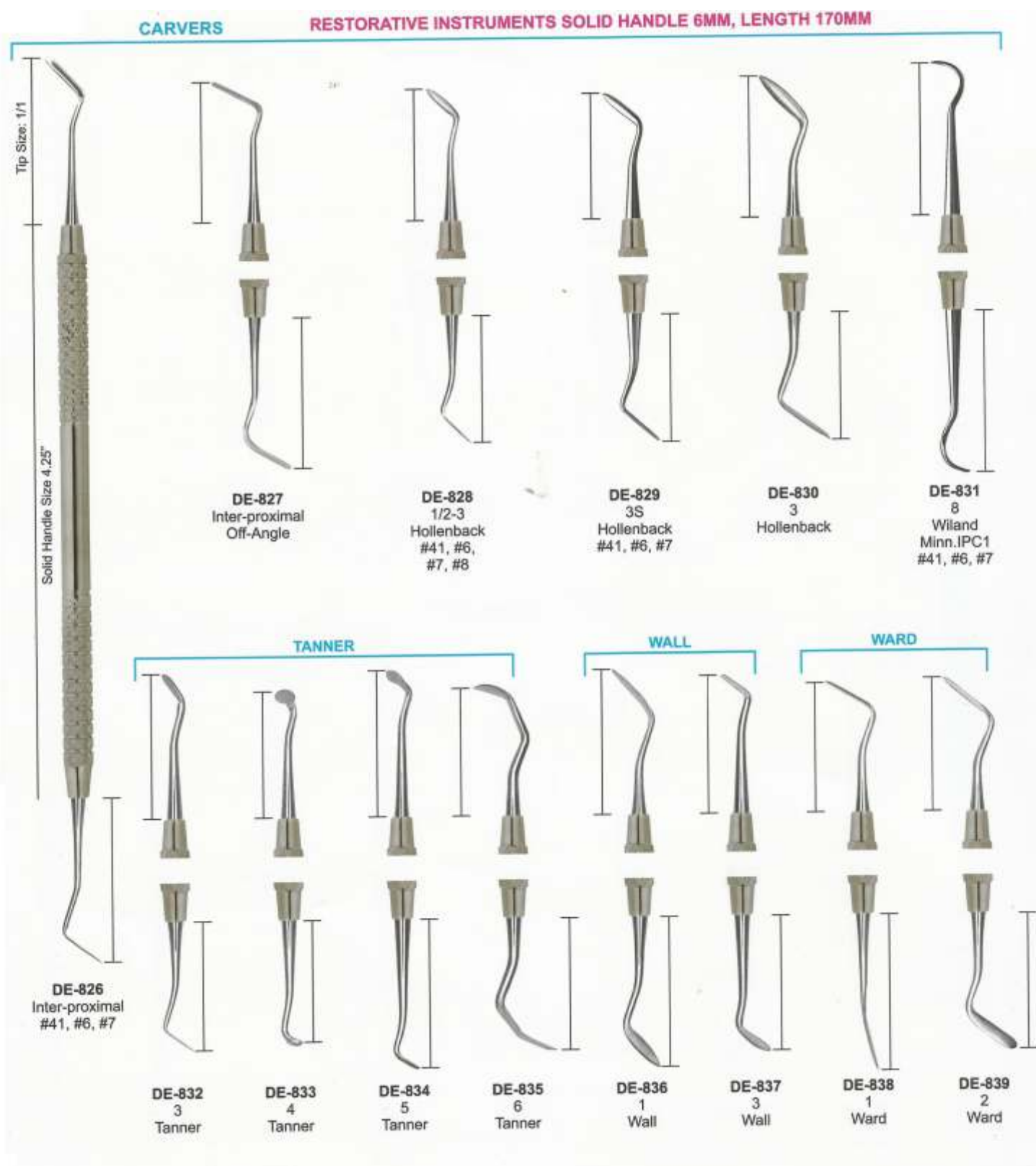


## FILLING INSTRUMENTS

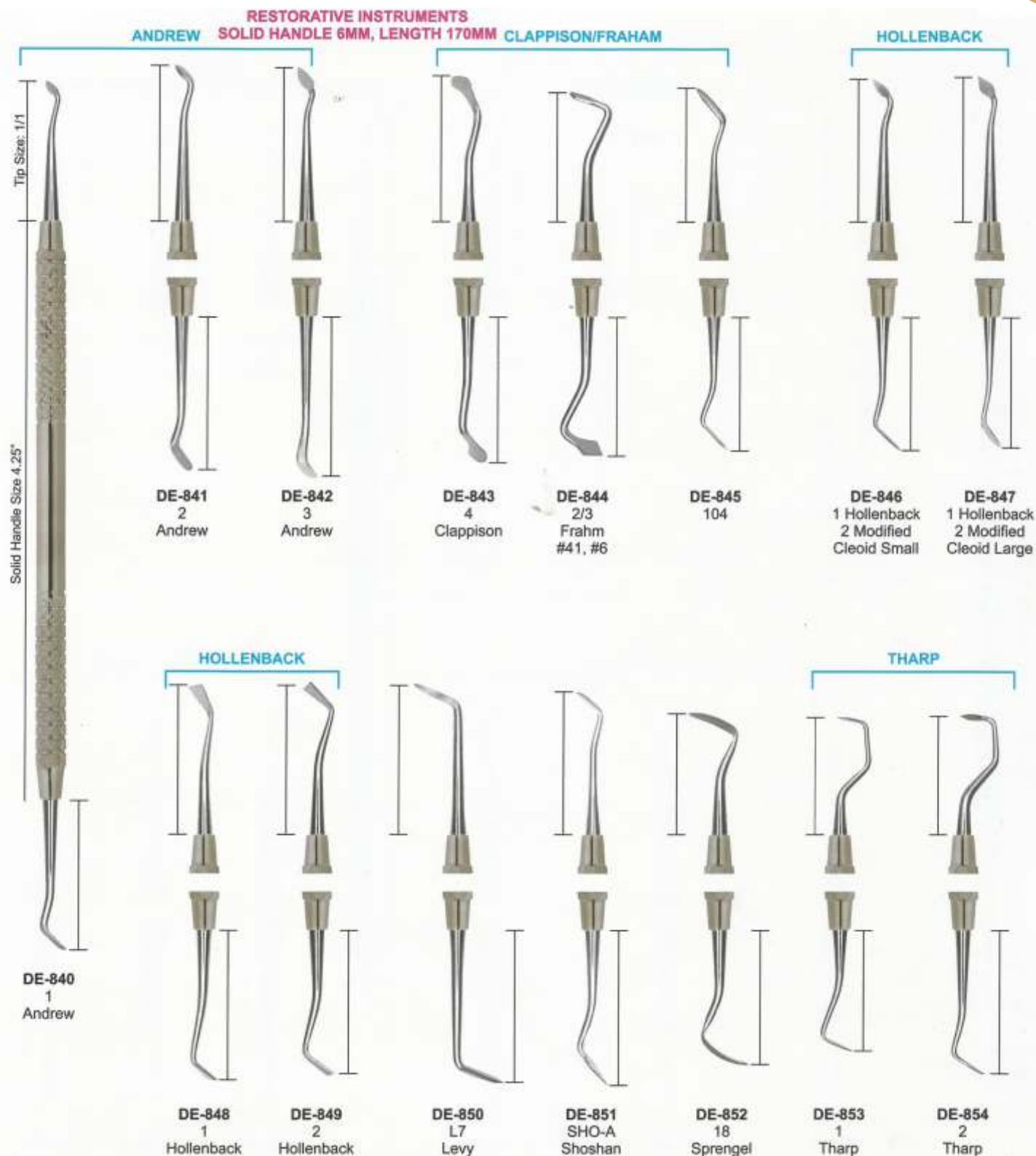




## FILLING INSTRUMENTS



## AMALGAM CARVERS



## AMALGAM CARVERS

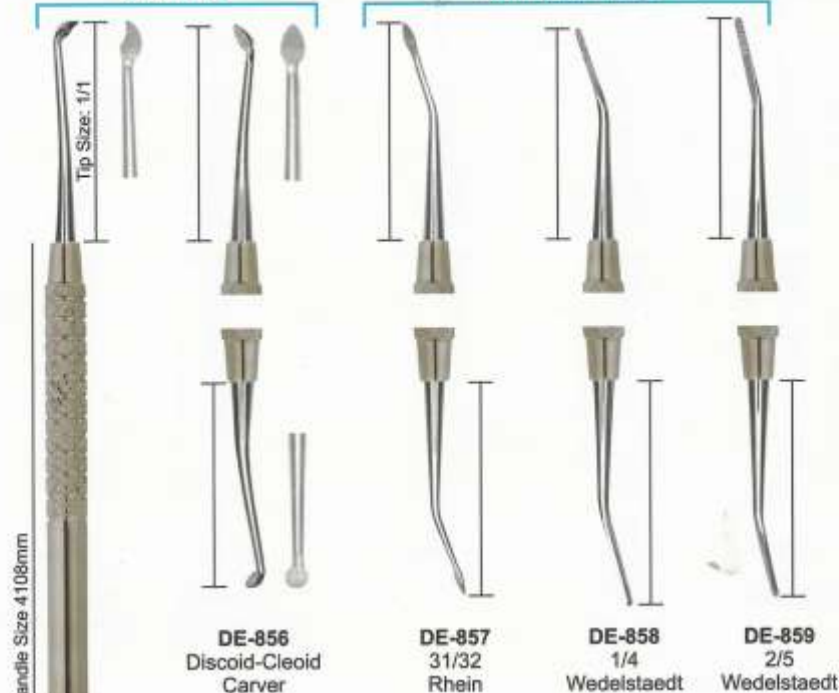
RESTORATIVE INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

HOES

Forming Line Angles on Anterior Preparations.

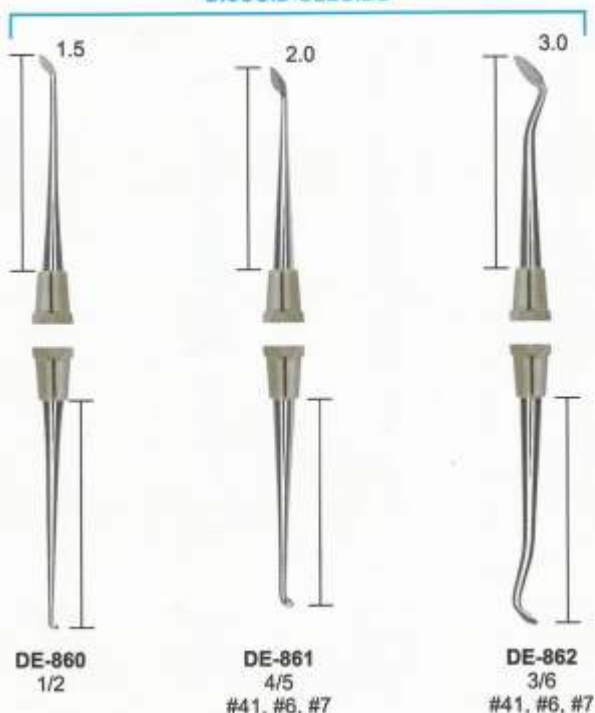
CARVERS

AMALGAM FILES



DISCOID-CLEOIDS

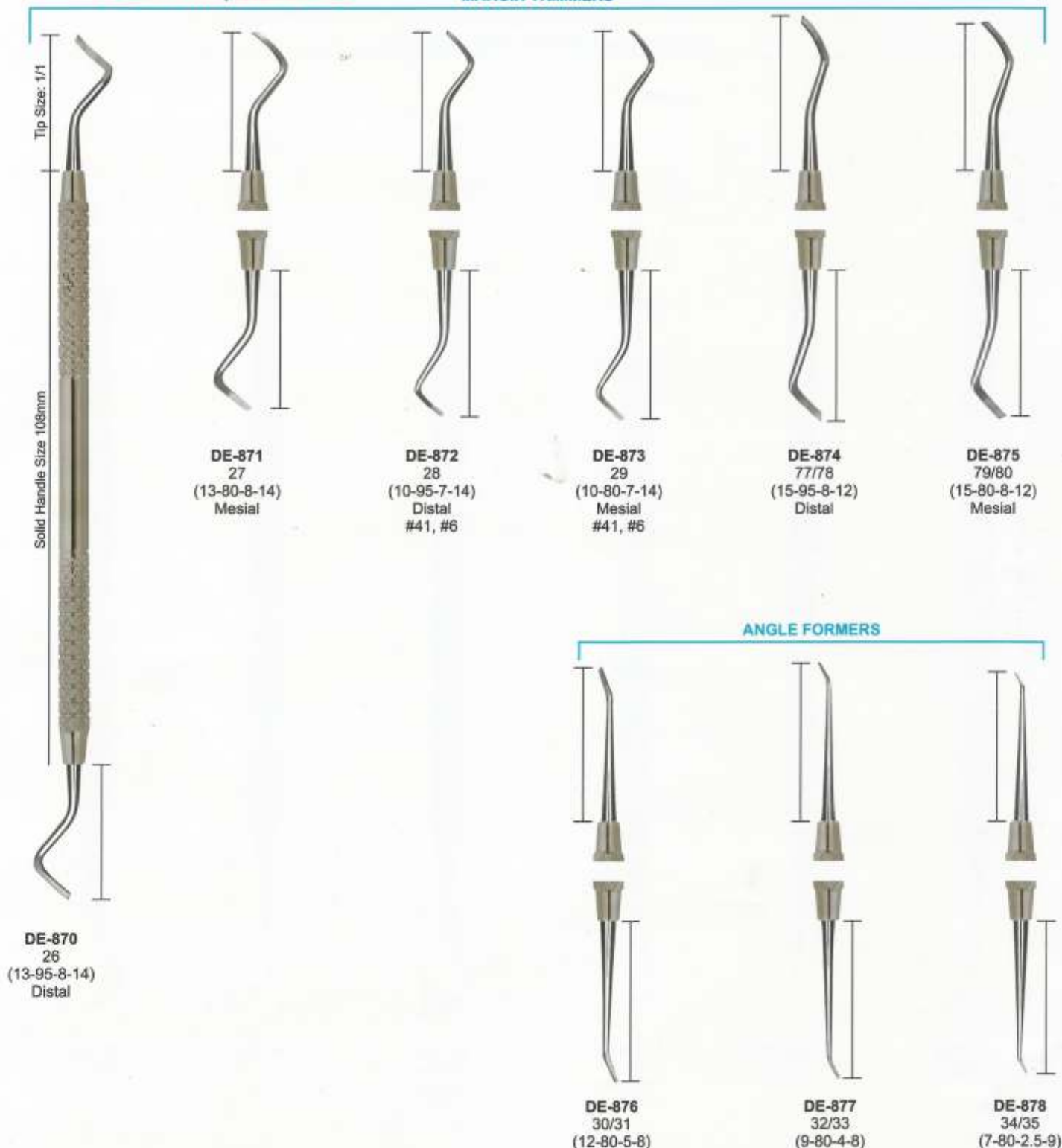
DISCOID-CLEOIDS



## FILLING INSTRUMENTS

### RESTORATIVE INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

### MARGIN TRIMMERS

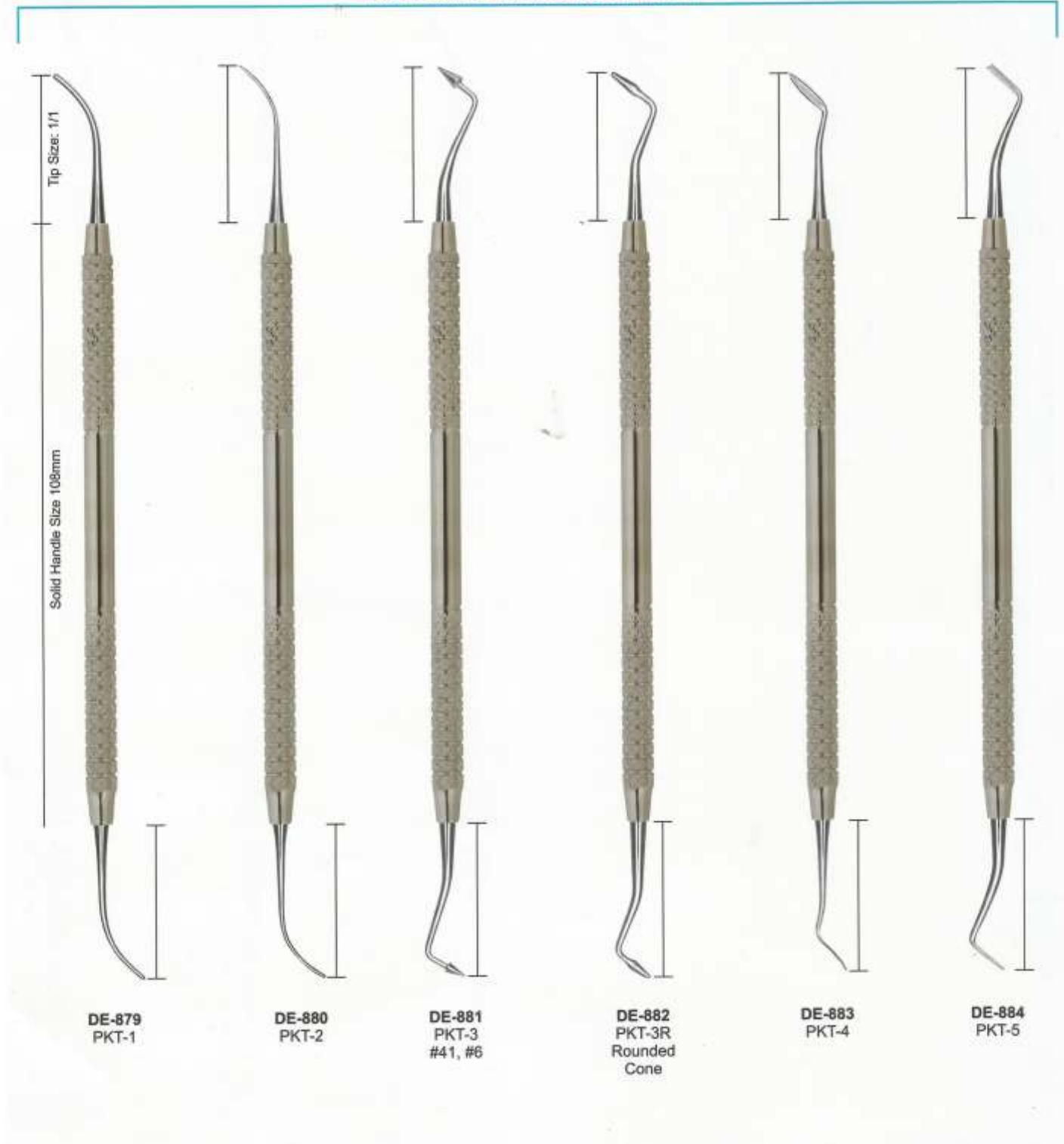




## CARVERS INSTRUMENTS

P.K. THOMS WAXING INSTRUMENTS SOLID HANDLE 6MM, LENGTH 170MM

P.K. THOMAS WAXING INSTRUMENTS



## FILLING INSTRUMENTS

### CHISELS

### HOES



## CEMENT SPATULAS



## WAX KNIVES

ALGinate, PLASTER SPATULAS, WAX KNIVES PLASTER FOR KNIVES & PLASTER SHEAR



**DE-915**  
Wooden Handle  
Fig. 5  
21.5 cm



**DE-916**  
Wooden Handle  
Fig. 7  
19.5 cm curved



**DE-917**  
Wooden Handle  
Fig. 8  
20 cm curved



**DE-918**  
Wooden Handle  
Fig. 9  
22.5 cm curved



**DE-919**  
Hook Knives



**DE-920**  
Fig. 1  
Lessmann  
12.5 cm



**DE-921**  
Fig. 2  
Lessmann  
17 cm



**DE-922**  
Fig. 1  
with small spoon  
12.5 cm



**DE-923**  
Fig. 2  
with large spoon  
17 cm



**DE-924**  
Bacolite Handle  
Wax Knives,  
Small



**DE-925**  
Bacolite Handle  
Wax Knives,  
Large



**DE-926**  
Wooden Handle  
Wax Knives,  
Small



**DE-927**  
Wooden Handle  
Wax Knives,  
Large



**DE-928**  
Plaster Knife



**DE-929**  
Fig. 1  
17 cm



**DE-930**  
Fig. 3  
16 cm



**DE-931**  
Fig. 4  
16 cm



**DE-932**  
Special Inox  
19.5 cm



## ARTICULATORS



**DE-933**

**Technical Datas:**

Intercondylar distance	120 mm.
condylar inclination	fixed at 30°
Bennet angle	fixed at 7°
Incisal table inclination	10°
Distance between mounting plates	85 mm.
Weight	400 gr.
Opening (item 5000)	125°
Opening (item 5010)	180°



**DE-934**

**Technical Datas:**

Intercondylar distance	110 mm.
condylar inclination	fixed at 30°
Bennet angle	fixed at 7°
Incisal table inclination	flat
Distance between mounting plates	85 mm.
Weight	450 gr.
Opening	180°



**DE-935**

Stainless Steel Finishing

**DE-936**

Royal Blue



**DE-937**



**DE-938**



**DE-939**



**DE-940**



**DE-941**



**DE-942**



**DE-943**



**DE-944**



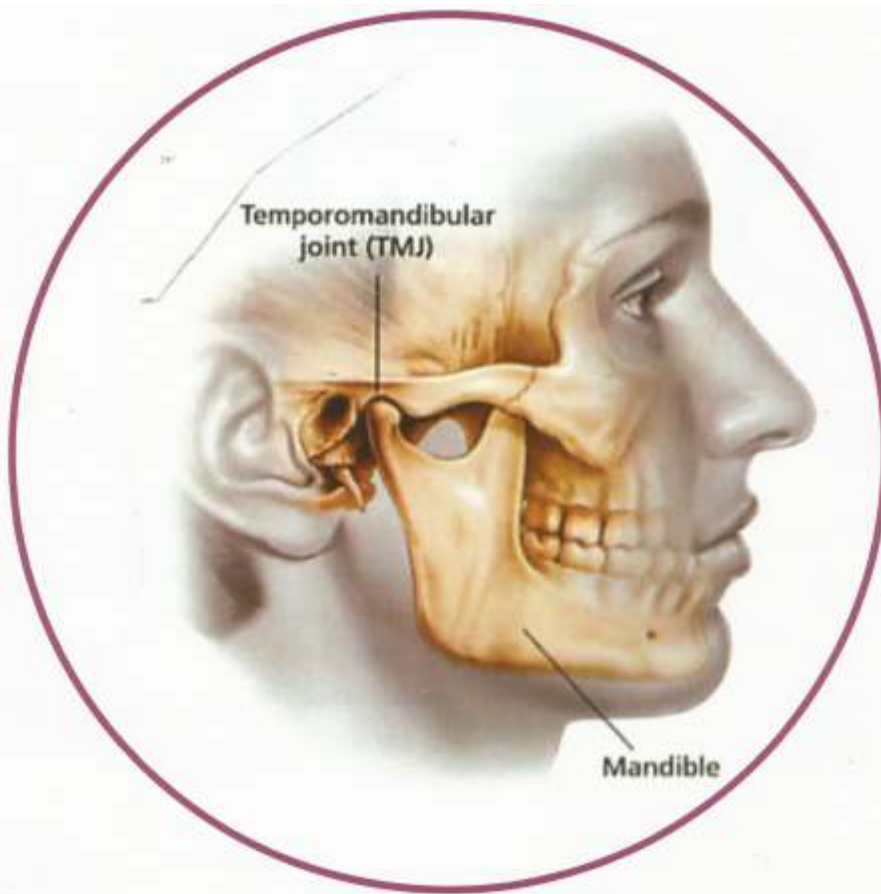
**DE-945**



**DE-946**

Nakawalni  
Dental Laboratory  
Instrument

## MAXILLOFACIAL SURGERY INSTRUMENTS



## RETRACTORS - MOUTH GAGS



**DE-947**  
Mouth Gag Molt  
11 cm for (Children)



**DE-948**  
Mouth Gag Molt  
14 cm for (Adults)



**Cheek Retractor**  
**DE-949** 140 mm  
**DE-950** 180 mm



**Cheek Retractor**  
**DE-951** 140 mm



**DE-952**  
**Wangen Holder,**  
vestibule  
15 cm, with or without  
lip protection,



**DE-953**  
**Wangen Holder,**  
vestibule 15 cm, with  
or without lip protection,



**DE-954**  
**Wangen Holder**  
Wangen holder with dual  
function, 17 cm,



**DE-955**  
140 mm

**DE-956**  
150 mm

**Cheek Retractor**



## RETRACTORS - MOUTH GAGS



**DE-957**  
Fig. 1  
Weitlaner  
10.5cm  
13.5cm



**DE-958**  
Fig. 2  
Weitlaner  
10.5cm  
13.5cm



**DE-959**  
Stainless Steel  
Double  
Ended Cheek  
Retractors



**DE-960**  
Stainless Steel  
Single  
Ended Cheek  
Retractors



**DE-961**  
**DE-962**  
**DE-963**  
Weitlander  
11cm  
13cm  
15cm



**DE-967**  
Denhard  
12 cm



**DE-968**  
Roser-König  
16 cm



**DE-969**  
Roser-König  
19 cm



**DE-964**  
**DE-965**  
**DE-966**  
Jennings  
11cm  
13cm  
15cm



## RETRACTORS



**DE-970**  
Cheek Retractor  
Long



**DE-971**  
Cheek Retractor  
Long



**DE-972**  
Cheek Retractor  
Long



**Retractor with  
Ergo Grip  
DE-973** 24 cm,  
ergonomic handle,



**DE-974**  
Cheek Retractors,  
Retractor Ivory  
Width adjustable  
& fixable, 20 cm,



**Cheek Retractors,  
tongue depressors  
DE-975** 19 cm



**Cheek Retractors,  
Minnesota  
DE-976** 16 cm



**Cheek Retractors,  
DE-977** 20 cm  
easy to bend  
by hand,



**Cheek Retractors,  
retractor and tongue  
pushers BISHOP  
DE-978** 16 cm,



**Retractors Cheek  
retractor combination  
Combination,  
DE-979** 25 cm,

## RETRACTORS



**DE-982**  
Retractors, Unique  
Length 175 mm,  
angled 45 °



**DE-983**  
Retractors, Unique  
Length 175 mm,  
angled 90°



**DE-984**  
Retractors  
16cm



**DE-985**  
Retractors  
19cm



**DE-986**  
Retractors, Mini-Langenbeck  
16 cm, hooks 22 mm,



**DE-987**  
Retractors, Cheek  
retractors combination  
21 cm, 2



**DE-988**  
Mini Retractor  
about 8 cm,



**DE-989**  
Retractors  
17 cm, hooks 22 mm

## RETRACTORS



**DE-990**  
Retractors, surgical-flat  
surgically-flat, 21 cm, hook  
30x16 mm,



**DE-991**  
Retractors, surgical-flat  
surgically-flat, 21 cm, hook  
42x11 mm



**DE-992**  
Retractors, surgical-flat  
surgically-flat, 21 cm, hook  
63x12 mm,



Retractors, surgical-flat  
surgically-flat, 21 cm, hook  
**DE-993** 30x16 mm,  
**DE-994** 42x11 mm  
**DE-995** 63x12 mm,



Retractors, Langenbeck  
21 cm, hook  
**DE-996** 30x11 mm  
**DE-997** 30x16 mm,



**DE-998**  
Retractors  
21 cm,



**DE-999**  
Farabeuf  
(120 X 12mm  
Set of 2 pices)



**DE-1000**  
Retractor Seldin



**DE-1001**  
FELDMAN  
RETRACTOR  
5-1/2", 14cm

## GUM SCISSORS



**DE-1002**  
Iris  
115mm  
Straight



**DE-1003**  
Iris  
115mm  
Curved



**DE-1004**  
Goldman-Fox  
130mm  
Saw edge, straight



**DE-1005**  
Goldman-Fox  
130mm  
Saw edge, Curved



**DE-1006**  
La Grange  
115mm  
Saw edge, double Curved



Mayo  
**DE-1007** 140mm  
**DE-1008** 170mm  
**DE-1009** 230mm  
Straight



Mayo  
**DE-1010** 140mm  
**DE-1011** 170mm  
**DE-1012** 230mm  
Curved



Metzenbaum  
**DE-1013** 145mm  
**DE-1014** 180mm  
**DE-1015** 200mm  
Straight



Metzenbaum  
**DE-1016** 145mm  
**DE-1017** 180mm  
**DE-1018** 200mm  
Curved



**DE-1019**  
Kelly  
160mm  
Straight



**DE-1020**  
Kelly  
160mm  
Curved



**DE-1021**  
Iris  
115mm  
Straight



**DE-1022**  
Iris  
115mm  
Curved



**DE-1023**  
La Grange  
115mm  
Double Curved



**DE-1024**  
Goldman-Fox  
130mm, Straight



**DE-1025**  
Goldman-Fox  
130mm, Curved



**DE-1026**  
Kelly  
160mm, Curved



**DE-1027**  
Iris  
115mm, Straight



**DE-1028**  
Iris  
115mm, Curved



**DE-1029**  
Micro Iris  
90mm, Curved



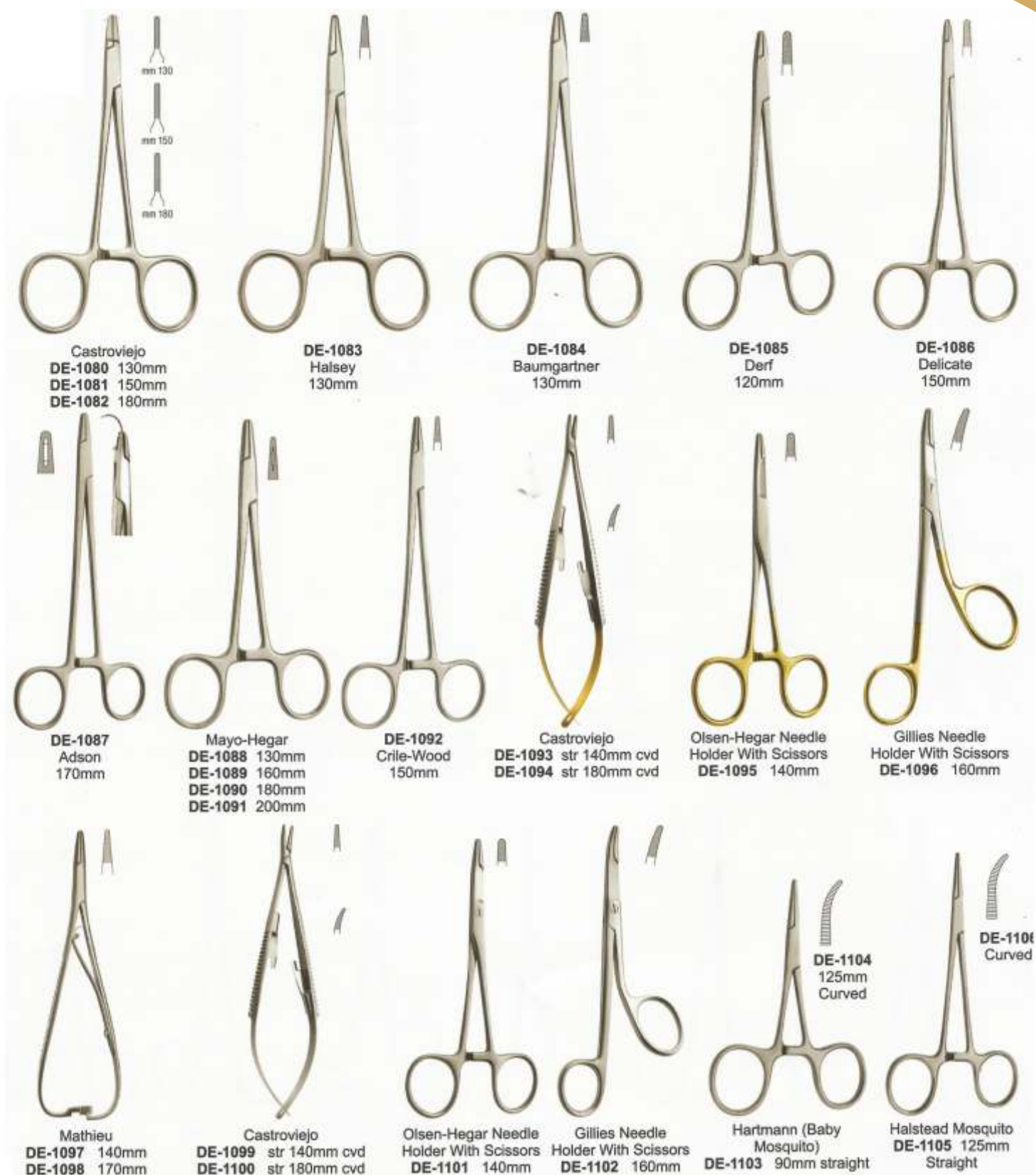
## GUM SCISSORS



## GUM SCISSORS - NEEDLE HOLDER

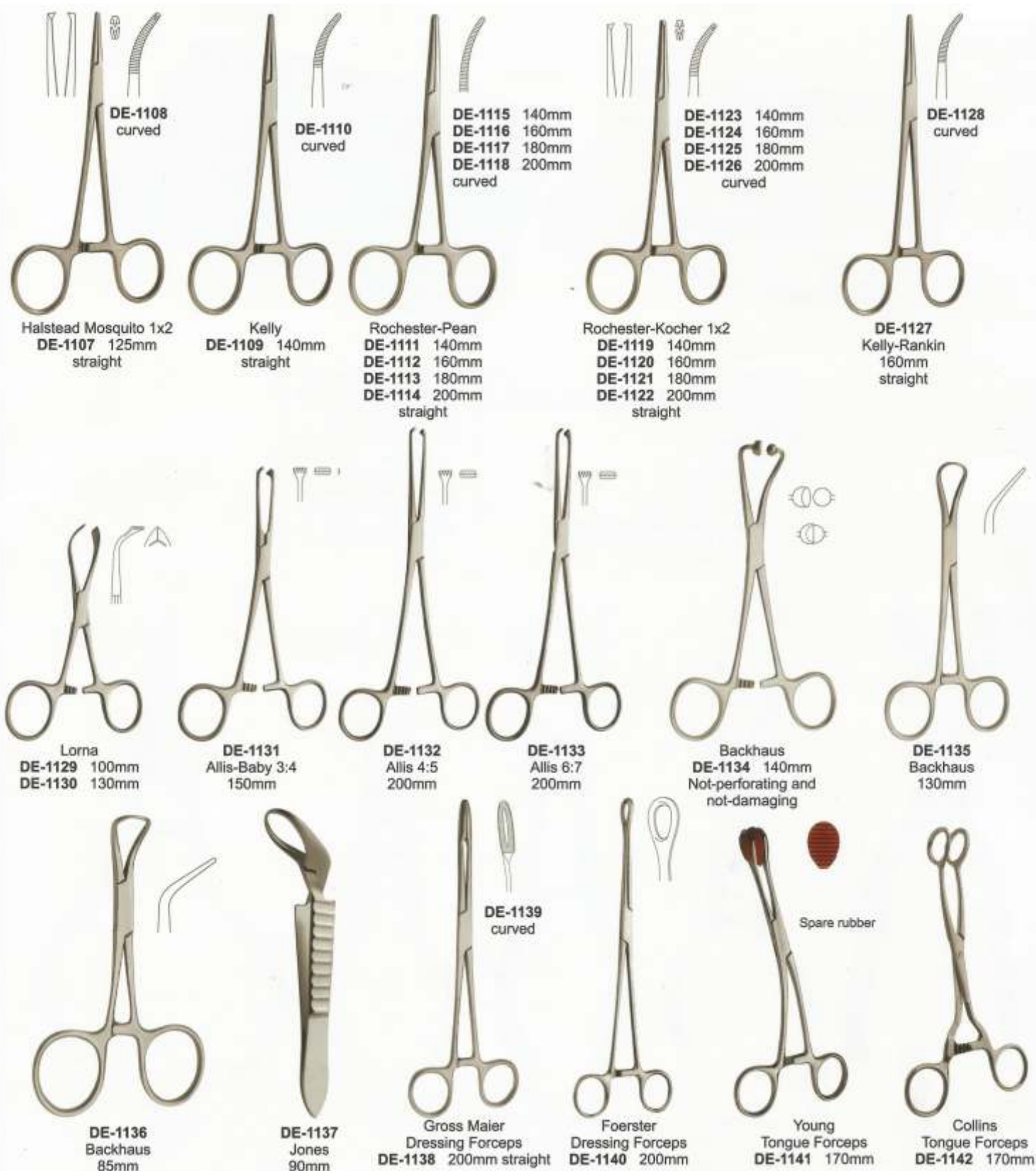


## NEEDLE HOLDER





## HAEMOSTATIC FORCEPS & TOWEL CLAMPS





## RUBBER DAM CLAMPS FORCEPS



### DE-1143

On request the Content of the rubber dam kit can be changed with other instruments.

#### Content:

- |    |                           |    |                           |
|----|---------------------------|----|---------------------------|
| 01 | Anisworth                 | 08 | Rubber Dam Clamp Fig. 212 |
| 02 | Brewer                    | 09 | Rubber Dam Clamp Fig. 211 |
| 03 | Clamps Stand              | 10 | Rubber Dam Clamp Fig. 8   |
| 04 | Denture Plate             | 11 | Rubber Dam Clamp Fig. 8A  |
| 05 | Rubber Dam Frame          | 12 | Rubber Dam Clamp Fig. 14  |
| 06 | Rubber Dam Box Lower Case | 13 | Rubber Dam Clamp Fig. 14A |
| 07 | Rubber Dam Box Upper Case | 14 | Rubber Dam Clamp Fig. 0   |
|    |                           | 15 | Rubber Dam Clamp Fig. 00  |
|    |                           | 16 | Rubber Dam Clamp Fig. 2   |
|    |                           | 17 | Rubber Dam Clamp Fig. 2A  |
|    |                           | 18 | Rubber Dam Clamp Fig. 7   |



DE-1144  
Anisworth



DE-1145  
Brewer



DE-1146  
Ivory light weight



DE-1147  
Palmer



DE-1148  
Seaparating  
Elastic  
Plier

## RUBBER DAM CLAMPS



## CROWN REMOVER



**DE-1210**  
Crown Spreaders



**DE-1211**  
Mershon  
14 cm  
Band Pusher



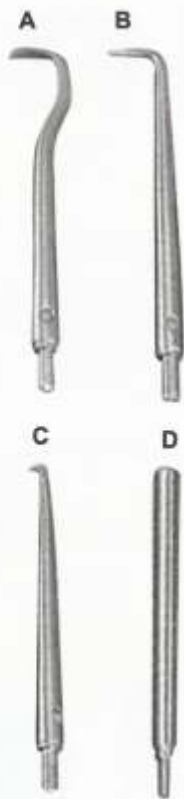
**DE-1212**  
Fig. 0



**DE-1213**  
Manual Crown Remover



**DE-1214**  
Complete with 3 tips  
and tightening keys



semi-automatic crown  
& bridge remover



**DE-1215**



**DE-1216**  
Manual Crown Remover



## MATRIX RETAINERS



**DE-1217**  
Fig. 5  
Ivory 8  
5 cm



**DE-1218**  
Fig. 6  
Ivory 8  
6 cm



**DE-1219**  
Fig. 7  
Ivory 8  
7 cm



**DE-1220**  
Fig. 1  
Tofflemire-Universal

### Siqveland Retainers



**DE-1221**  
Fig. 2  
Tofflemire-Junier



**DE-1222**  
Fig. 3  
Tofflemire-Senior



**DE-1223**  
Narrow



**DE-1224**  
Wide

### Amalgam Well



**DE-1225**  
Stainless Steel  
Amalgam Well



**DE-1226**  
Ivory 12



**DE-1227**  
Ivory 1



**DE-1228**  
Ivory



**DE-1229**  
Elliot



## AMALGAM INSTRUMENTS & SCALPEL HANDLES



**DE-1230**  
Fig. 10  
165mm  
English pattern



**DE-1231**  
Fig. 1  
185mm  
German pattern



**DE-1232**  
Fig. 1  
150mm  
Swiss pattern



**DE-1233**  
Fig. 1  
150mm



**DE-1234**  
Fig. 2  
150mm, 45°



**DE-1235**  
Fig. 3  
140mm, 90°



**DE-1236**  
Fig.3  
5" (12.7cm)



**DE-1237**  
Fig.3G  
5" (12.7cm)



**DE-1238**  
Fig.4  
5 1/2" (13.7cm)



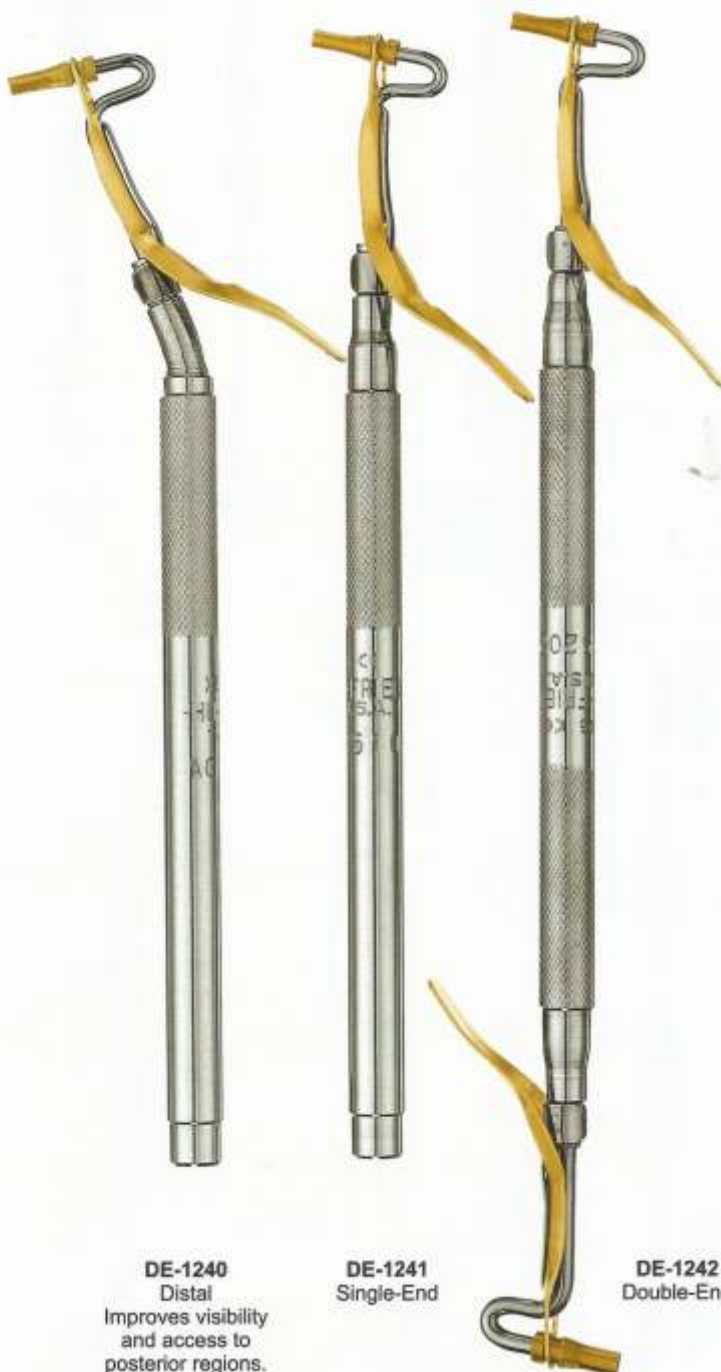
**DE-1239**  
6 Way Adjustable Angled  
Scalpel Handle



Locks At 90°, 60°, 30°,  
Straight, 120°, 150°, 180°,  
Angles

## AMALGAM INSTRUMENTS & SCALPEL HANDLES

### AMALGAM CARRIERS



#### TIP SIZES FOR DOUBLE-END



#### TIP SIZES FOR DISTAL OR SINGLE-END



## ROOT PLANNING FILES & BONE FILES



**DE-1252**  
Krarner-Nevins  
Bone Chisel



**DE-1253**  
Krarner-Nevins  
Bone Chisel



**DE-1254**  
Molt 18.5cm  
Auto Clavable  
Plastic Tips.



**DE-1255**  
Mead 18.5cm  
Non Auto Clavable  
Plastic Tips.



**DE-1256**  
Miller



**DE-1257**  
Miller

### BONE FILES



**DE-1258**  
Miller 21



**DE-1259**  
Miller 1X  
cross cut



**DE-1260**  
Miller 2X  
cross cut



**DE-1261**  
Miller 52



**DE-1262**  
Wahl 1

## ORTHODONTIC INSTRUMENTS



Behind Every Smile is a Story

● QUALITY - ЯКІСТЬ ● PRECISION - ТОЧНІСТЬ ● ACCURACY - ПРАВИЛЬНІСТЬ ● DURABILITY - ЗНОСОСТІЙКІСТЬ




**STYLE A**

**STYLE B**

- Super strong stainless steel body
- Smooth sharp polished and rounded edges
- High quality stainless steel body
- Superior 112 stainless steel and teeth
- Smooth sharp polished and rounded edges
- High quality stainless steel body
- Superior 112 stainless steel and teeth
- Smooth sharp polished and rounded edges
- High quality stainless steel body



## PERIODONTAL INSTRUMENTS

### PERIOSTEEL ELEVATORS



## ORTHODONTIC INSTRUMENTS



**DE-1277**  
Aluminum Height  
Gauge 0.22



**DE-1278**  
Aluminum Height  
Gauge 0.18



**DE-1279**  
Bone Bracket Gauge



**DE-1280**  
Bone Thickness Gauge  
40mm, 180mm



**DE-1281 OSTEOMETER**  
Measuring Forceps For Jaw  
Ridge Width measurement, scale  
on both sides, rustfree, autoclavable



**DE-1282**  
Direct bonding  
bracket holders,  
135mm



**DE-1283**  
Deluxe Bracket  
Holder Tweezers



**DE-1284**  
Direct bonding  
bracket holders,  
136mm



**DE-1285**  
Direct Bond  
Bracket Holder  
Tweezers,  
Small Tip



**DE-1286**  
Direct bonding  
bracket holders,  
140mm



**DE-1287**  
Direct bonding  
bracket holders,  
135mm



**DE-1288**  
Direct Bonding  
Bracket Holders,  
140mm

## ORTHODONTIC INSTRUMENTS





## ORTHODONTIC INSTRUMENTS





## ORTHODONTIC INSTRUMENTS

### BOX JOINT PLIERS

**DE-1315**  
Universal Dolphin Style  
Wire Bending & cutting pliers



**DE-1316 Band Removing Plier**  
The curved blade of the band removing plier can strip easily and gently remove directly to the tooth. Length 130mm



**DE-1317**  
Tweed Loop  
forming Pliers



**DE-1318**  
How Plier curved  
Universally usable tool for  
the multiband technology for  
wires up to .028".  
Length 130mm



**DE-1319** How Plier  
Universally usable tool for the  
multiband technology for wires  
up to .028".  
Length 135mm



**DE-1320**  
Nance Loop  
forming Pliers



**DE-1321**  
Bracket Removing Plier curved  
Bracket Removing Plier curved for  
easy removal of brackets in the  
posterior region. Length 130mm



**DE-1322**  
Young Wire Bending &  
Loop Forming Pliers



**DE-1323**  
Wire Bending &  
Loop Forming Pliers



**DE-1324**  
Adams, small wire bending  
and loop forming Pliers



**DE-1325**  
Bracket Removing Plier Round Box  
Bracket removing plier for comfortable  
and quick removal of the brackets.  
Length 135mm



**DE-1326**  
Weingart Plier medium  
Weingart plier that are ideal due to  
their curved tip for setting sheets and  
is capable of bending the ends.  
Length 145mm

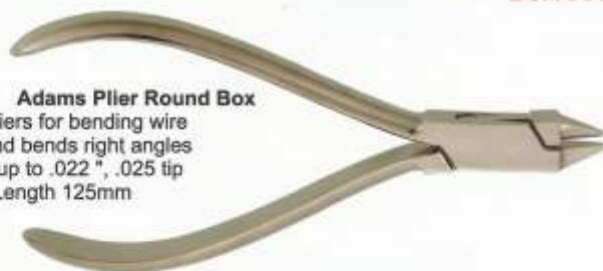


## PLIERS FOR ORTHODONTICS & PROSTHETICS

### BOX JOINT PLIERS

#### DE-1327 Adams Plier Round Box

Adams pliers for bending wire arches and bends right angles for wires up to .022", .025 tip to beak. Length 125mm



#### DE-1333 Adams Plier

Adams pliers for bending wire arches and bends right angles for wires up to .022", .025 tip to beak. Length 125mm



#### DE-1328

Falcon Beak Contouring Pliers.



#### DE-1334

Tweed Loop Formin Pliers



#### DE-1329

wires up to 0.020" / 0.7mm.



#### DE-1335 Bird Beak Plier Standard

Bird Beak Wire bending plier without notches, which is suitable as a universal utility tool. Length 125mm



#### DE-1330

Johnson Contouring Pliers



#### DE-1336

Mini Ligature cutters



#### DE-1331 Aderer

Large wire bending and loop forming pliers



#### DE-1337 Small

Fluch-cut distal and cutting Pliers with safety hold fitted with un-breakable, corrosion resistant and durable stainless steel tips



#### DE-1332

Tweed / angle rectangular arch forming & Torquing pliers



#### DE-1338 Large

Fluch-cut distal and cutting Pliers with safety hold fitted with un-breakable, corrosion resistant and durable stainless steel tips





## PLIERS FOR ORTHODONTICS & PROSTHETICS

### BOX JOINT PLIERS

**DE-1339**

**Tweed / Angel**

1.78mm (.070") wide tips arch forming and torquing pliers



**DE-1345**

**Contouring Plier**



**DE-1340**

**Tweed / Angel**

1.78mm (.070") wide tips arch forming and torquing pliers



**DE-1346**

**Bands & Crowns Plier**  
in order to skirt



**DE-1341**

**Lingual / Palatal arch**  
forming pliers



**DE-1347**

**Ligature Forming Pliers**



**DE-1342**

**Aderer**

Facebow loop forming Pliers



**DE-1348**

for double back and triple back bands in 0.30" / 0.76mm & 0.36" / 0.91mm lingual arch wires



**DE-1343**

**Waldsavhs wire bending**  
and cutting pliers



**DE-1349**

**Bird Beak Wire Bending**  
& cutting pliers



**DE-1344 Aderer Plier**

For the manufacturing of appliances and activation of wires for wires up to .030" .fine tip and up to .036" mean tip.  
Length 130mm



**DE-1350**

**Weingart Plier medium**

Weingart plier that are ideal due to their curved tip for setting sheets and is capable of bending the ends.  
Length 145mm



## PLIERS FOR ORTHODONTICS & PROSTHETICS

### LAP JOINT PLIERS



**DE-1351**  
Distal end cutter with safety hold, mini head, long handles.  
fitted with un-breakable, corrosion resistant and durable stainless steel tips

- 0.30 mm to 0.50 mm (.012" to .020")
- Max. 0.46 mm x 0.64 mm (.018" x .025")
- ⊗ 0.38 mm to 0.53 mm (.0155" to .0215")
- ⊗ Max. 0.53 mm x 0.64 mm (.021" x .025")



**DE-1355**  
Soft wire and ligature cutter, 15° angled fitted with un-breakable, corrosion resistant and durable stainless steel tips

- ⌋ .25 mm to .38 mm (.010" to .015")



**DE-1352**  
Flush-cut distal end cutter with safety hold fitted with un-breakable, corrosion resistant and durable stainless steel tips

- 0.30 mm to 0.50 mm (.012" to .020")
- Max. 0.46 mm x 0.64 mm (.018" to .025")



**DE-1356**  
Soft wire and ligature cutter, 45° angled fitted with un-breakable, corrosion resistant and durable stainless steel tips

- ⌋ .25 mm to .38 mm (.010" to .015")



**DE-1353**  
Soft wire and ligature cutter, Mini fitted with un-breakable, corrosion resistant and durable stainless steel tips

- ⌋ .25 mm to .38 mm (.010" to .015")



**DE-1357**  
Hard wire cutter, straight Fitted with un-breakable, corrosion resistant and durable stainless steel tips

- 0.30 mm to 0.50 mm (.012" to .020")
- Max. 0.56 mm x 0.71 mm (.022" x .028")



**DE-1354**  
Soft wire and ligature cutter, standard fitted with un-breakable, corrosion resistant and durable stainless steel tips

- ⌋ .25 mm to .38 mm (.010" to .015")



**DE-1358**  
Hard wire cutter, 15° angled Fitted with un-breakable, corrosion resistant and durable stainless steel tips

- 0.30 mm to 0.50 mm (.012" to .020")
- Max. 0.56 mm x 0.71 mm (.022" x .028")



**DE-1359**  
Hard wire cutter, 15° angled Non-autoclavable

- 0.30 mm to 0.50 mm (.012" to .020")
- Max. 0.56 mm x 0.71 mm (.022" x .028")



## PLIERS FOR ORTHODONTICS & PROSTHETICS

### LAP JOINT PLIERS



**DE-1360**  
Band removing pliers



**DE-1365**  
Weingart-mini  
Utility Pliers



● 0.30 mm to 0.50 mm (.012" to .020")  
■ Max 0.56 mm x 0.71 mm (.022" x .028")



**DE-1361**  
Bracket removing pliers angled



**DE-1366**  
Weingart  
Utility Pliers

● 0.30 mm to 0.50 mm (.012" to .020")  
■ Max 0.56 mm x 0.71 mm (.022" x .028")



**DE-1362**  
Bracket removing pliers straight



**DE-1367**  
How Straight  
Utility Pliers

● 0.30 mm to 0.50 mm (.012" to .020")  
■ Max 0.56 mm x 0.71 mm (.022" x .028")



**DE-1363**  
Bracket removing pliers with plastic tip



**DE-1368**  
Angled  
Utility Pliers

● 0.30 mm to 0.50 mm (.012" to .020")  
■ Max 0.56 mm x 0.71 mm (.022" x .028")



**DE-1364**  
Adhesive removing pliers



**DE-1369**  
Wire bending and loop forming pliers  
Angled (Bird beak)

● 0.30 mm to 0.50 mm (.012" to .020")  
■ Max 0.56 mm x 0.71 mm (.022" x .028")



## PLIERS FOR ORTHODONTICS & PROSTHETICS

### LAP JOINT PLIERS



#### DE-1370

Multi-purpose pliers, bird beak, De la rosa and cutter in one

- 0.30 mm to 0.50 mm (.012" to .020")
- Max. 0.46 mm x 0.56 mm (.018" x .022")



#### DE-1375

Stop pliers V-Bebd - 1mm

- 0.30 mm to 0.50 mm (.012" to .020")
- Max. 0.43 mm x 0.56 mm (.017" x .028")



#### DE-1371

Cinch Back / tie back Distal end bending pliers

- 0.30 mm to 0.50 mm (.012" to .020")
- Max. 0.56 mm x 0.71 mm (.022" x .028")



#### DE-1376

Lingual / palatal arch forming pliers

- 0.76 mm (.030") / 0.91 mm (.036")



#### DE-1372

Hammer head Distal end bending pliers

- 0.30 mm to 0.50 mm (.012" to .020")
- Max. 0.56 mm x 0.71 mm (.022" x .028")



#### DE-1377

Torquing pliers set



#### DE-1373

Nance Loop forming pliers

- 0.36 mm to 0.71 mm (.014" to .028")
- Max. 0.56 mm x 0.71 mm (.022" x .028")



#### DE-1378

Tweed / angel Rectangular arch forming and torquing pliers

- 0.30 mm to 0.71 mm (.012" to .028")
- Max. 0.56 mm x 0.71 mm (.022" x .028")



#### DE-1374

Detailing step pliers / Bayonet bending pliers - 1mm

- 0.30 mm to 0.50 mm (.012" to .020")
- Max. 0.56 mm x 0.71 mm (.022" x .028")



#### DE-1379

Surgical ball hook crimping pliers, angled



#### DE-1380

Surgical ball hook crimping pliers, straight

## PLIERS FOR ORTHODONTICS & PROSTHETICS

### LAP JOINT PLIERS



**DE-1381**

Aderer Clamp three jaw wire bending plier for contouring and bending wire up to .30"/.76mm.



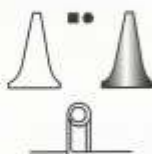
**DE-1387**

Falcon beak contouring plier.



**DE-1382**

Bird beak plier for bending round, square and rectangle wire up to .30"/.76mm.



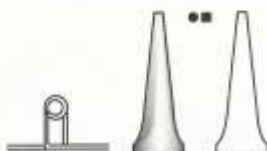
**DE-1388**

For placement and removal of arch wires, pins and other auxiliaries.



**DE-1383**

Bird beak plier for light wire bending round, square and rectangular up to .016"/0.41mm.



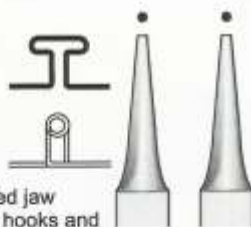
**DE-1389**

For placement and removal of arch wires, pins and other auxiliaries in angle design



**DE-1384**

Double Rounded jaw bending pliers, hooks and wire up to .020"/0.51mm.



**DE-1390**

contouring Plier.



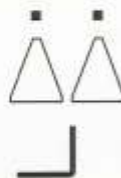
**DE-1391**

Bending plier. In order to skirt molares bands. With grooved. Recommended wire. 016", 018" and 022" 0.41mm, 0.46mm and 0.56mm



**DE-1385**

Adams pliers for hooks and bending wire up to .030"/0.76mm.



**DE-1392**

Loop forming in four lenght 3,4,5 & 6 mm wire capacity 0.22", 56mm.



**DE-1386**

Johnson pliers for crown band contouring



**DE-1393**

Arch bending plier design for convenient handling of square or rectangular wire, .020" / 0.51mm.





## PLIERS FOR ORTHODONTICS & PROSTHETICS

### LAP & L-KEY JOINT PLIERS



**DE-1394**  
In order to skirt  
bands and crowns.



**DE-1395**  
Wires up to  
.020" / 0.7mm.



**DE-1396**  
Round and concave plier  
for loop forming and banding  
wire up to .20" / .051mm.



**DE-1397**  
Bending for round square  
or rectangular wire up  
to 0.30"/0.76mm



**DE-1398**  
for double back and triple  
back bands in 0.30" / .76mm  
& 0.36" / .91mm lingual arch wires.



**DE-1399**  
Detailing step plier double-sided  
offset beak permits bayonet bends.  
Creates right hand or left hand  
step-up or stepdown at 1/8, 1/4, or  
1mm increments.



**DE-1400**  
"V" bend stop special design makes  
1mm "v" bends to shorten archwires  
or provide a positive stop. Excellent  
for placing stops in titanium wires.  
For round or rectangular wires up to .025"



**DE-1401**  
Angle how plier efficient utility plier  
with serrated beaks for a firm grip.  
45 angled tips to access hard to  
reach areas.



**DE-1402**  
Weingardt plier serrated tips hold  
wires firmly at a convenient working  
angle. Tapered beaks fit easily  
between brackets and hard to reach  
areas. Our most popular utility plier.



**DE-1415**  
Pin & Ligature Cutters  
TC.



**DE-1416**  
Mini Pin & Ligature  
Cutter TC.



**DE-1417**  
Standard Ligature  
Cutter TC.



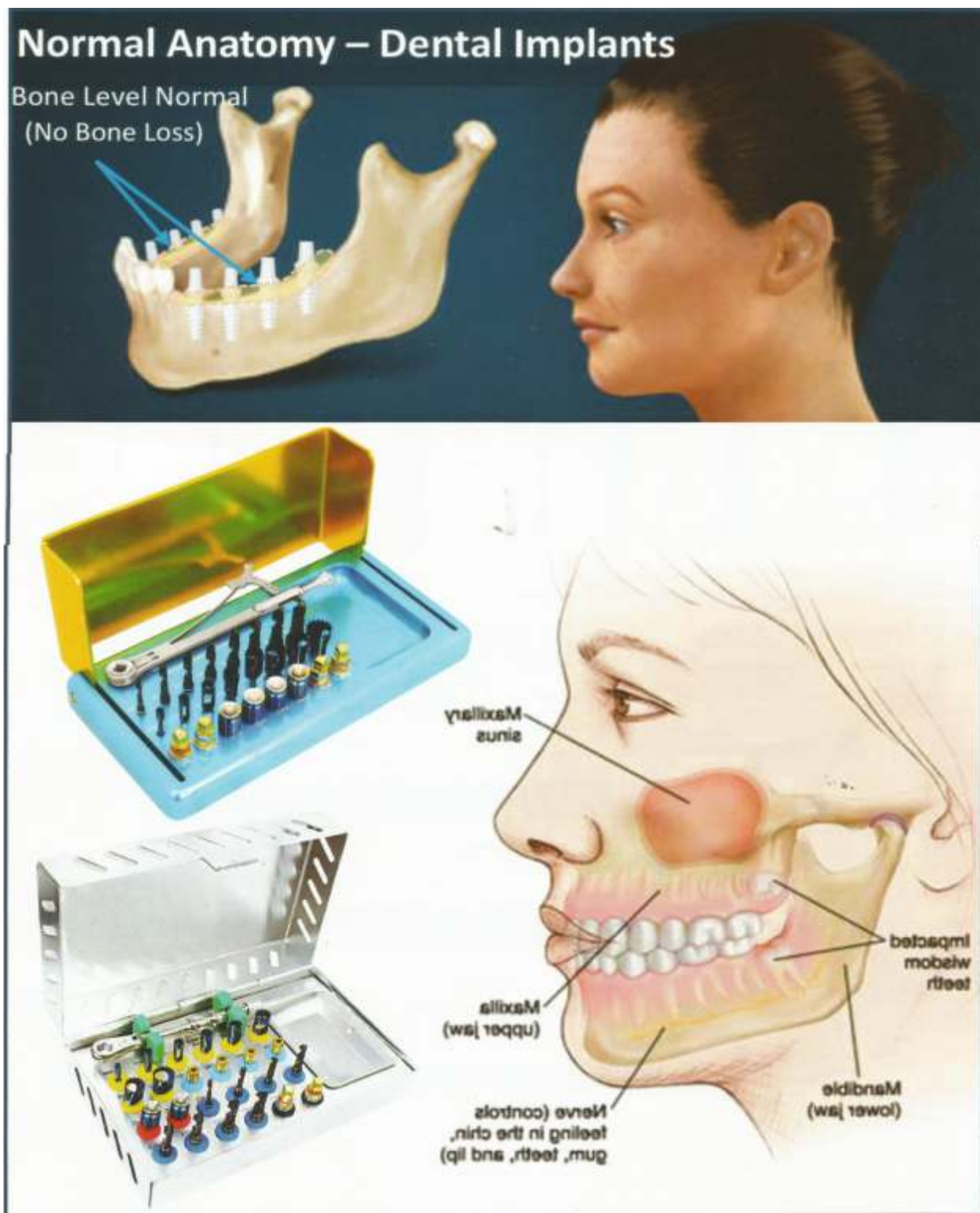
**DE-1418**  
V Bend Stop Plier  
TC.



**DE-1419**  
Angled Direct Bond Bracket  
Remover TC.



## DENTAL IMPLANT INSTRUMENTS



## DENTAL END, WIRE CUTTERS & BRACKET REMOVER PLIERS

### DE-1420

Distal end Cutter, Safety Hold Plier  
(Ideal for Cutting Wire) TC.



### DE-1421

Hook Crimping Plier Angled  
Straight TC.



### DE-1422

3 Prong Clasp Adjustable  
Plier TC.



### DE-1423

Utility Plier Weingart TC.



### DE-1424

Direct Bracket Remover  
TC.



### DE-1425

Straight Direct Bond Bracket  
Remover TC.



### DE-1426

Pin Holding Plier TC.



### DE-1427

Hard wire cutters



### DE-1428

Elastic Separating Plier  
Round Handle



### DE-1429

Elastic  
Separating Plier



### DE-1430

DE-1431  
Smaha  
Elastomeric  
ligature  
placing forceps  
140 mm



### DE-1432

Elastomeric  
ligature placing  
forceps with  
groove  
Falcon 140 mm



### DE-1433

Elastomeric  
ligature placing  
forceps with  
groove  
Falcon 140 mm



## IMPLANTOLOGY

### IMPLANT GAGES



**DE-1434**  
Multifunctional Meter  
Length 90 mm,  
different sizes,  
8-10-11mm,  
corrosion-resistant

**DE-1435**  
Multifunctional Meter  
Length 90 mm,  
different sizes,  
5-13-15-17 mm,  
corrosion-resistant

**DE-1436**  
Measuring Probe  
Length 170 mm,  
hand shape or flexible  
(6-8-10-14-16 mm),  
corrosion-resistant

**DE-1437**

**DE-1438**

**DE-1439**

**DE-1440**

### IMPLANT GAGES



**DE-1441**

**DE-1442**

**DE-1443**



## IMPLANTOLOGY



**DE-1444**  
**Clamp, Osteometer**  
Length about 155 mm,  
ridge width measurement,  
two-sided scale,  
measuring  
range 0 - 25 mm



**DE-1445**  
**Measuring Loop**  
straight length 90 mm,  
measuring range  
0 - 40 mm,



**DE-1446**  
**Measuring Loop**  
angled, length 90 mm,  
measuring range  
0 - 40 mm,



**DE-1447**  
**Measuring loop, Castroviejo**  
angled, length 175 mm,  
measuring range 0 - 40 mm,  
with window



**DE-1448**  
**Boley Gauge**  
Stainless Steel



**DE-1449**  
**Measuring Loop**  
angled, length  
175 mm,  
measuring range  
0 - 40 mm,



**DE-1450**  
**Measuring Loop**  
straight length  
175 mm,  
measuring range  
0 - 40 mm,



**DE-1451**  
**Fig. 1**  
Iwanson  
spring caliper  
For metal and  
porcelain.



**DE-1452**  
**Fig. 2**  
Iwanson  
spring caliper  
For wax.



**DE-1453**  
**Bone Thickness Gauge**  
40mm, 180mm

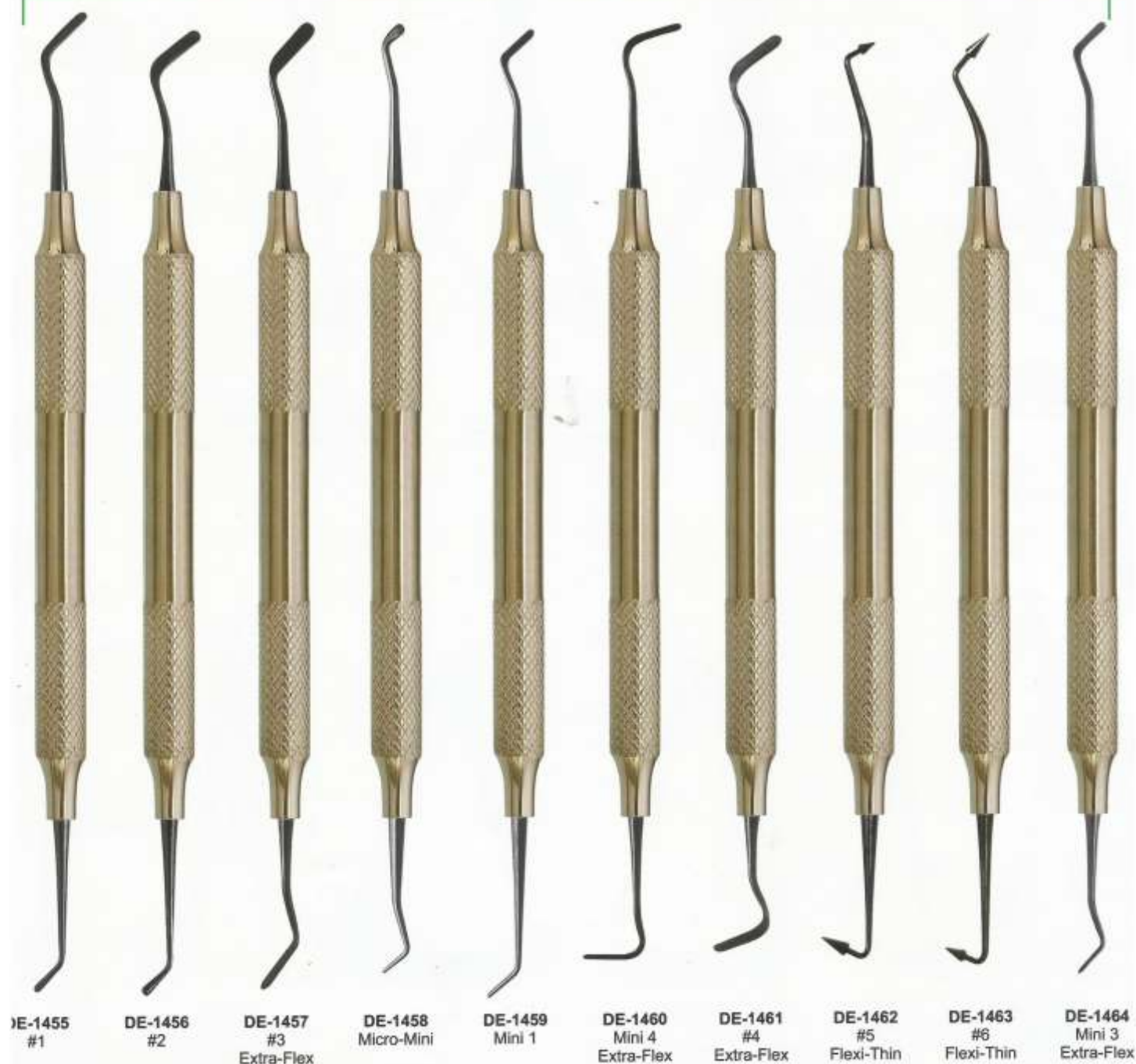


**DE-1454**  
**Gauge**  
for measuring  
distances  
(0 - 90 mm),



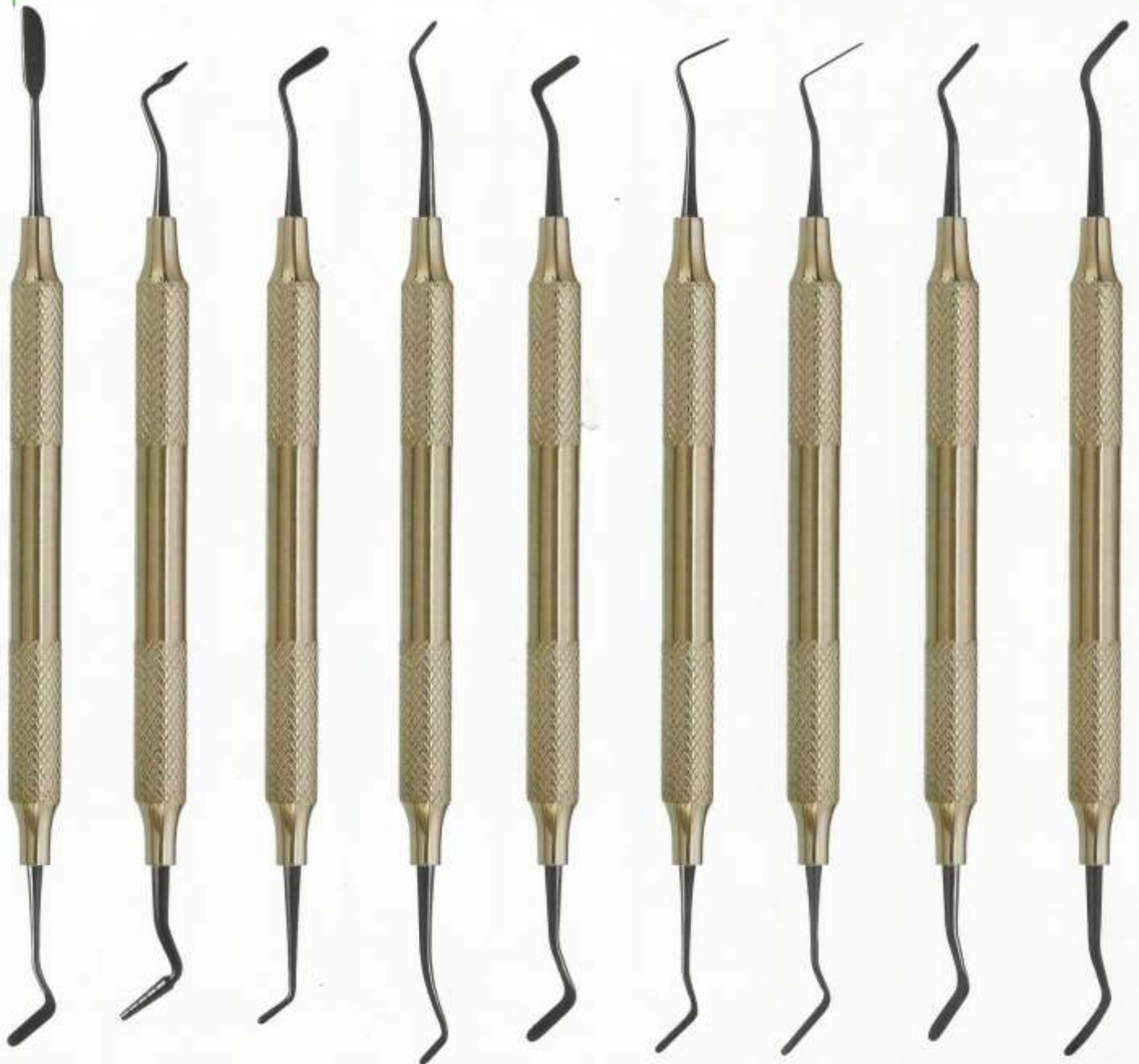
## IMPLANTOLOGY

### BLACK TITANIUM COLOUR COATED INSTRUMENTS



## IMPLANTOLOGY

### BLACK TITANIUM COLOUR COATED INSTRUMENTS



DE-1465  
AB1  
Boghosian

DE-1466  
AB2  
Boghosian

DE-1467  
W3

DE-1468  
8A

DE-1469  
4/5  
Gregg

DE-1470  
Interproximal  
Carver

DE-1471  
Interproximal  
Carver, Long

DE-1472  
A6

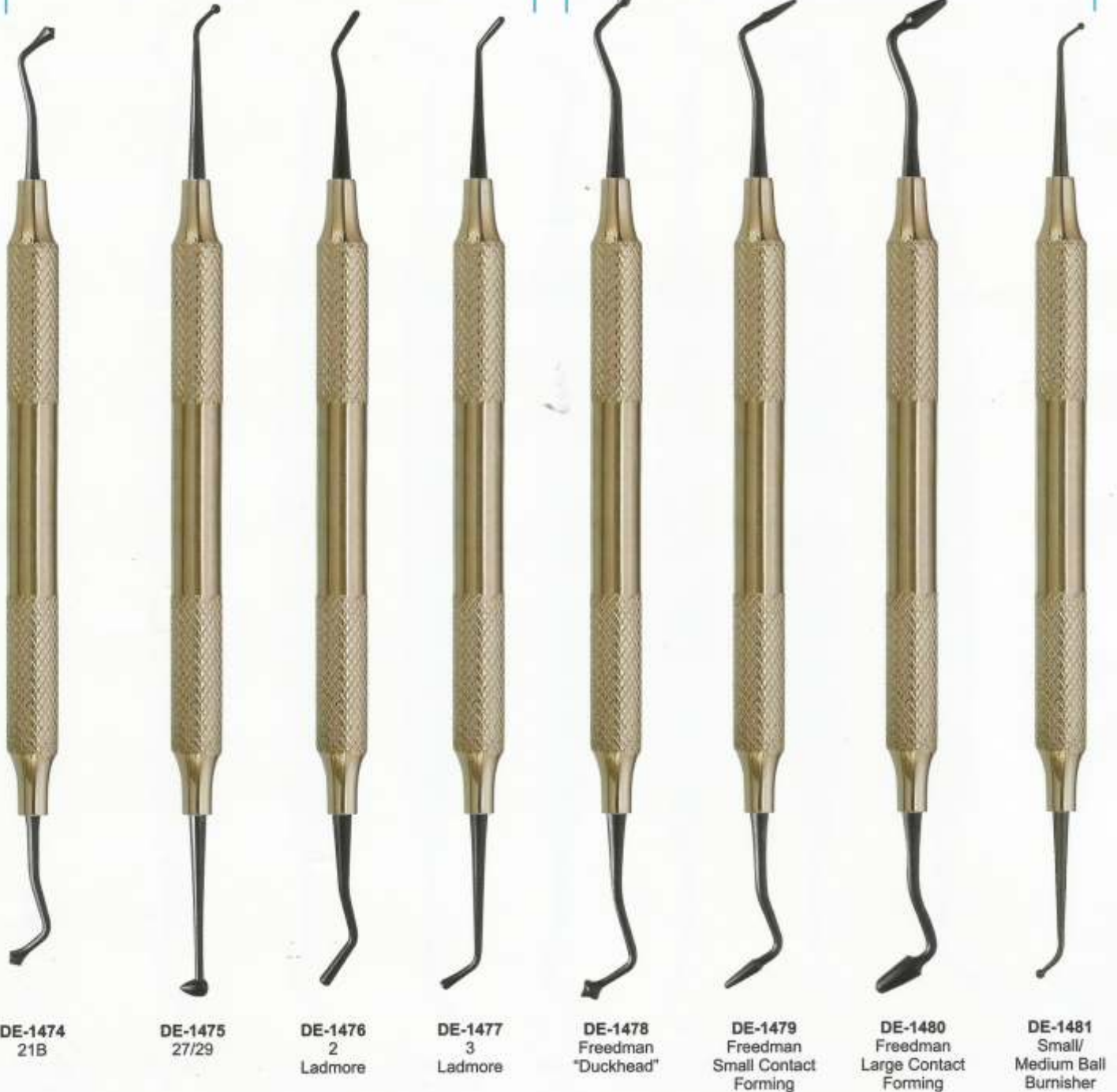
DE-1473  
Contouring  
instrument

## IMPLANTOLOGY

### BLACK TITANIUM COLOUR COATED INSTRUMENTS

#### BURNISHERS

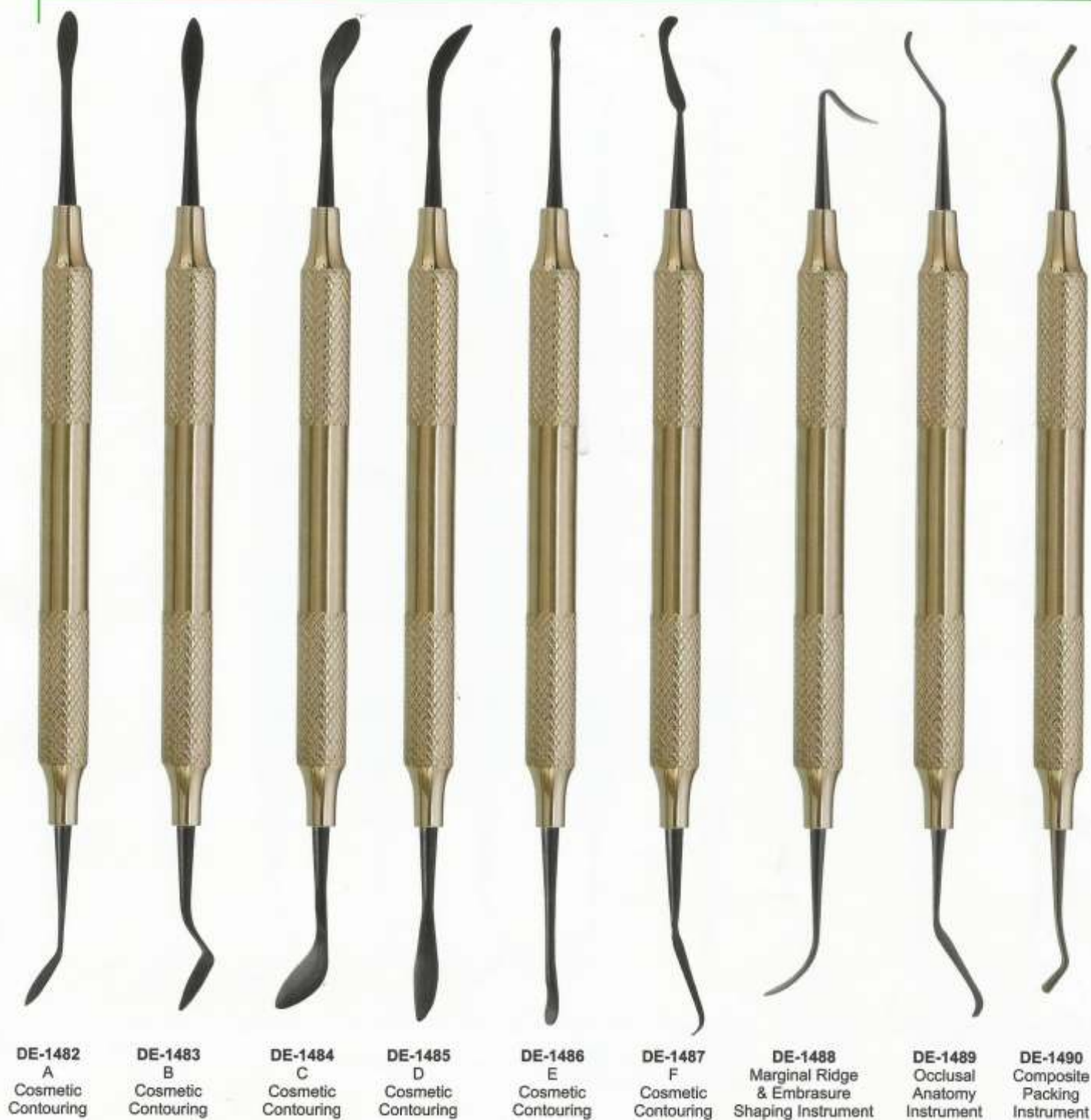
#### FREEDMAN BURNISHERS





## IMPLANTOLOGY

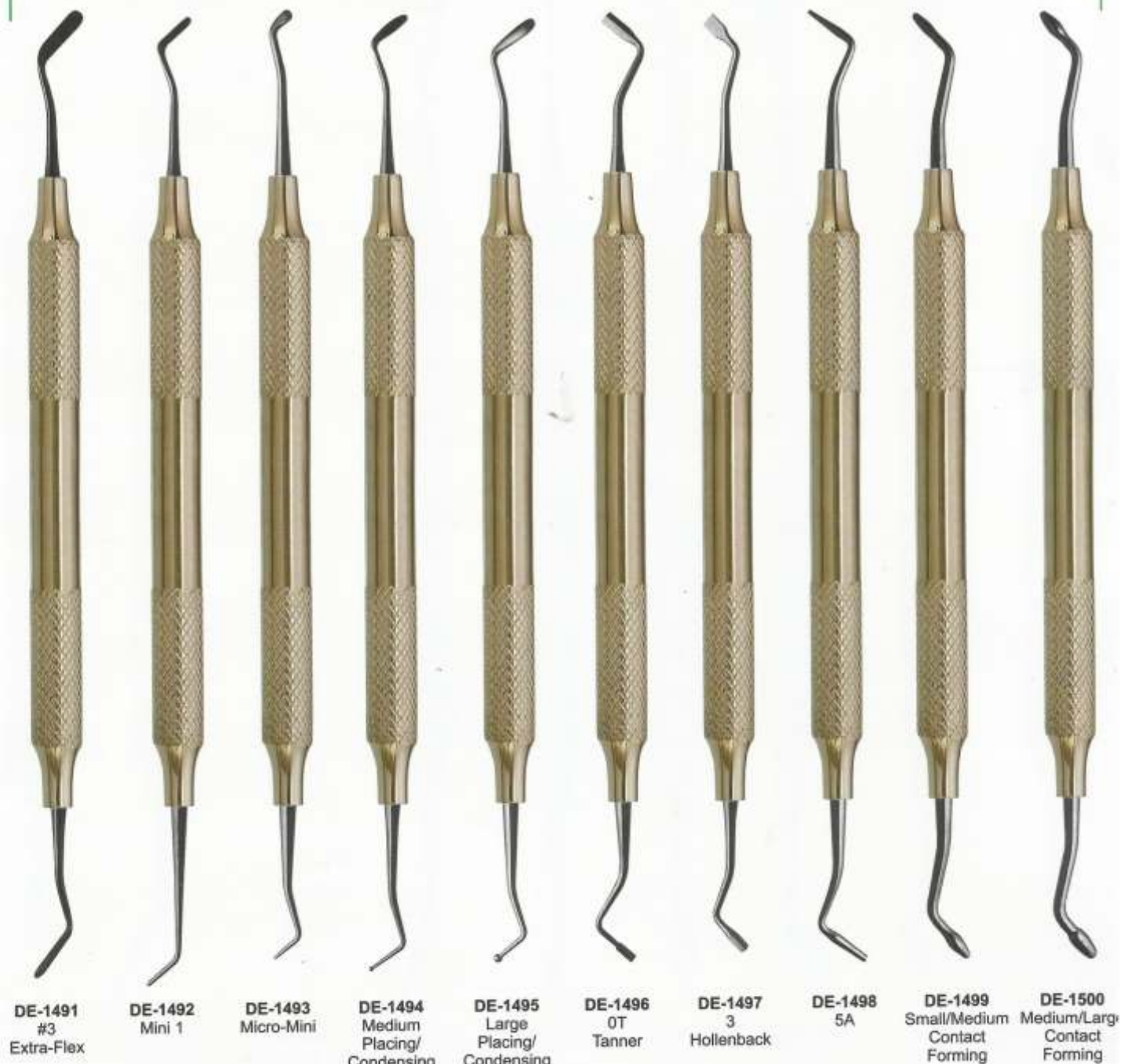
### BLACK TITANIUM COLOUR COATED INSTRUMENTS





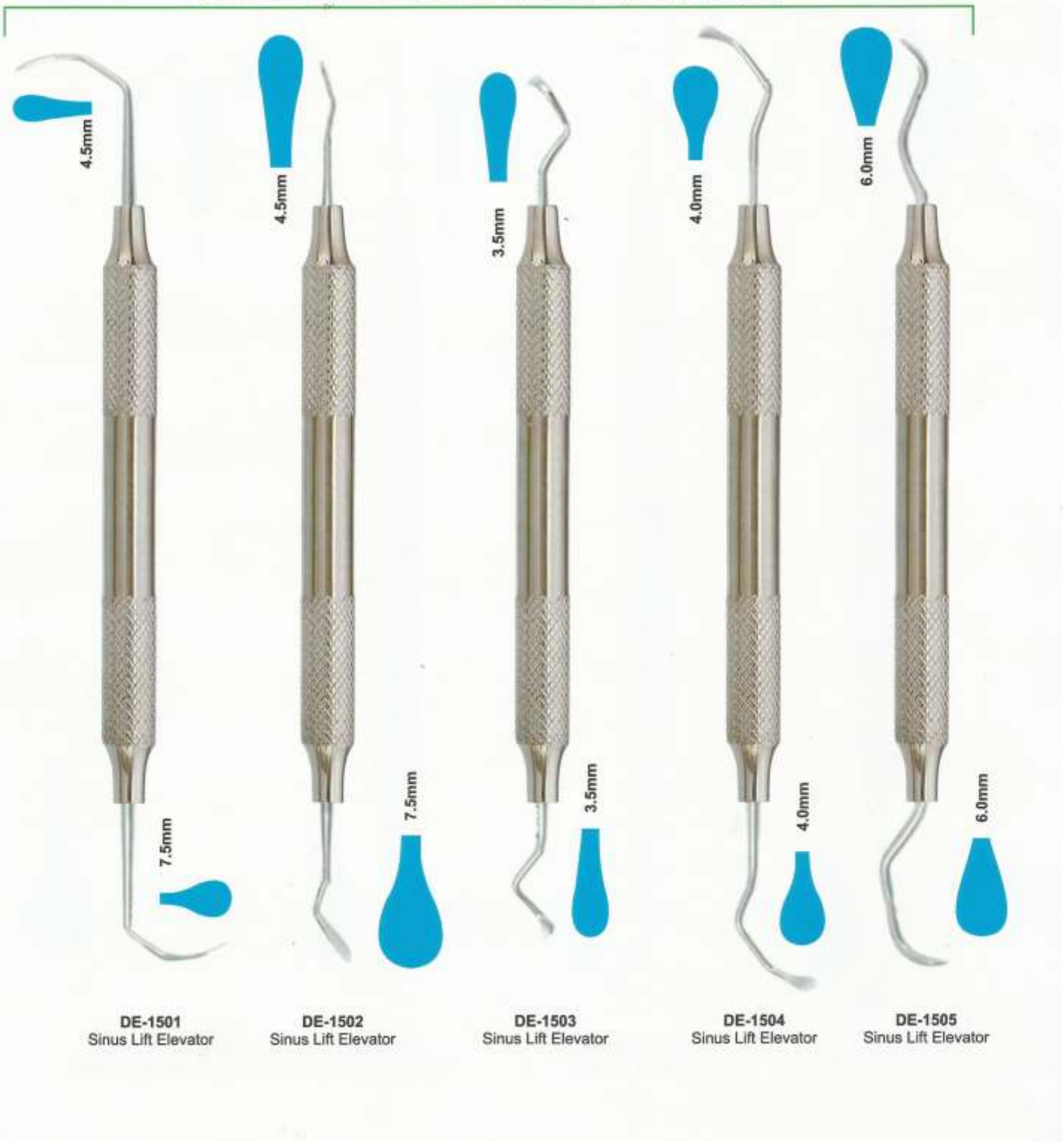
## IMPLANTOLOGY

### BLACK TITANIUM COLOUR COATED INSTRUMENTS



## IMPLANTOLOGY

### SINUS LIFT INSTRUMENTS HOLLOW HANDLE 9.5MM LENGTH 170MM



## IMPLANTOLOGY

### SINUS LIFT INSTRUMENTS HOLLOW HANDLE 9.5MM LENGTH 170MM



**DE-1506**  
Sinus Lift Elevator



**DE-1507**  
Sinus Lift Elevator



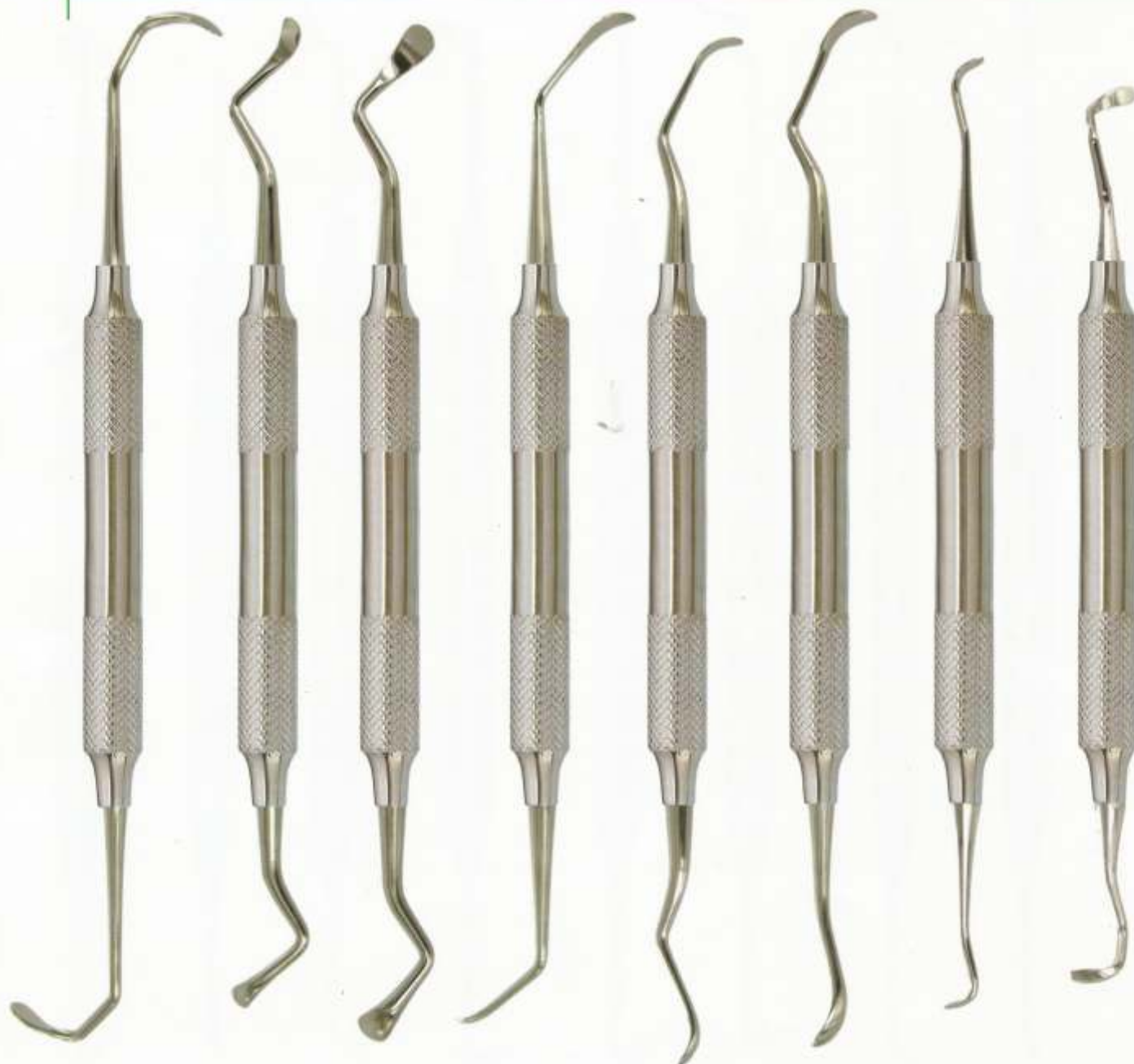
**DE-1508**  
Sinus Lift Elevator



**DE-1509**  
Sinus Lift Elevator

## IMPLANTOLOGY

### IMPLANT SINUS LIFT INSTRUMENTS HOLLOW HANDLE 9.5MM LENGTH 170MM



**DE-1510**  
Acute 6577

**DE-1511**  
Sinus1

**DE-1512**  
Sinus2

**DE-1513**  
Sinus3,  
Obtuse 6578

**DE-1514**  
Sinus4

**DE-1515**  
Sinus5

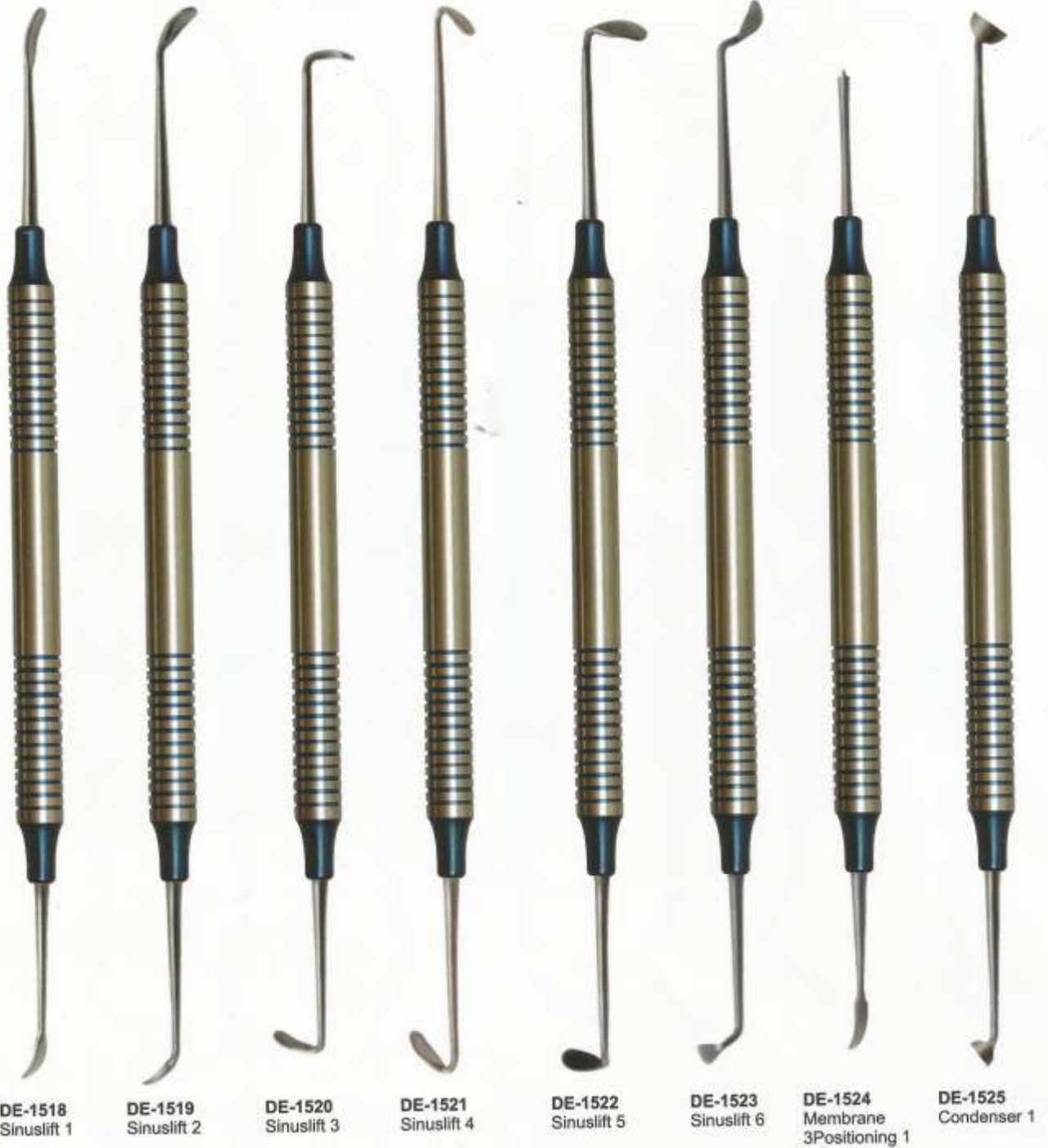
**DE-1516**  
Sinus6

**DE-1517**  
Sinus7



## IMPLANTOLOGY

### SINUS LIFT INSTRUMENTS HOLLOW HANDLE 9.5MM LENGTH 170MM



## IMPLANTOLOGY

**Sinus Lift Instrument,**  
Flexible Sinus Lift instruments  
reduce the risk of perforation of the  
"Schneider's membrane"



DE-1526  
Fig. 1

DE-1527  
Fig. 2

DE-1528  
Fig. 3

**Sinus Lift Elevator,**  
10 mm Straight grip  
Length 175 mm, Sinus lift elevators, dull,  
for gentle peeling and lifting the  
Schneider membrane



DE-1529  
Fig. 1

DE-1530  
Fig. 2

DE-1531  
Fig. 3

**Sinus lift instrument**  
10 mm Straight grip Length 180 mm,  
Buser (B1, B2, B3) raspatories,  
quality medical stainless steel,  
corrosion-resistant



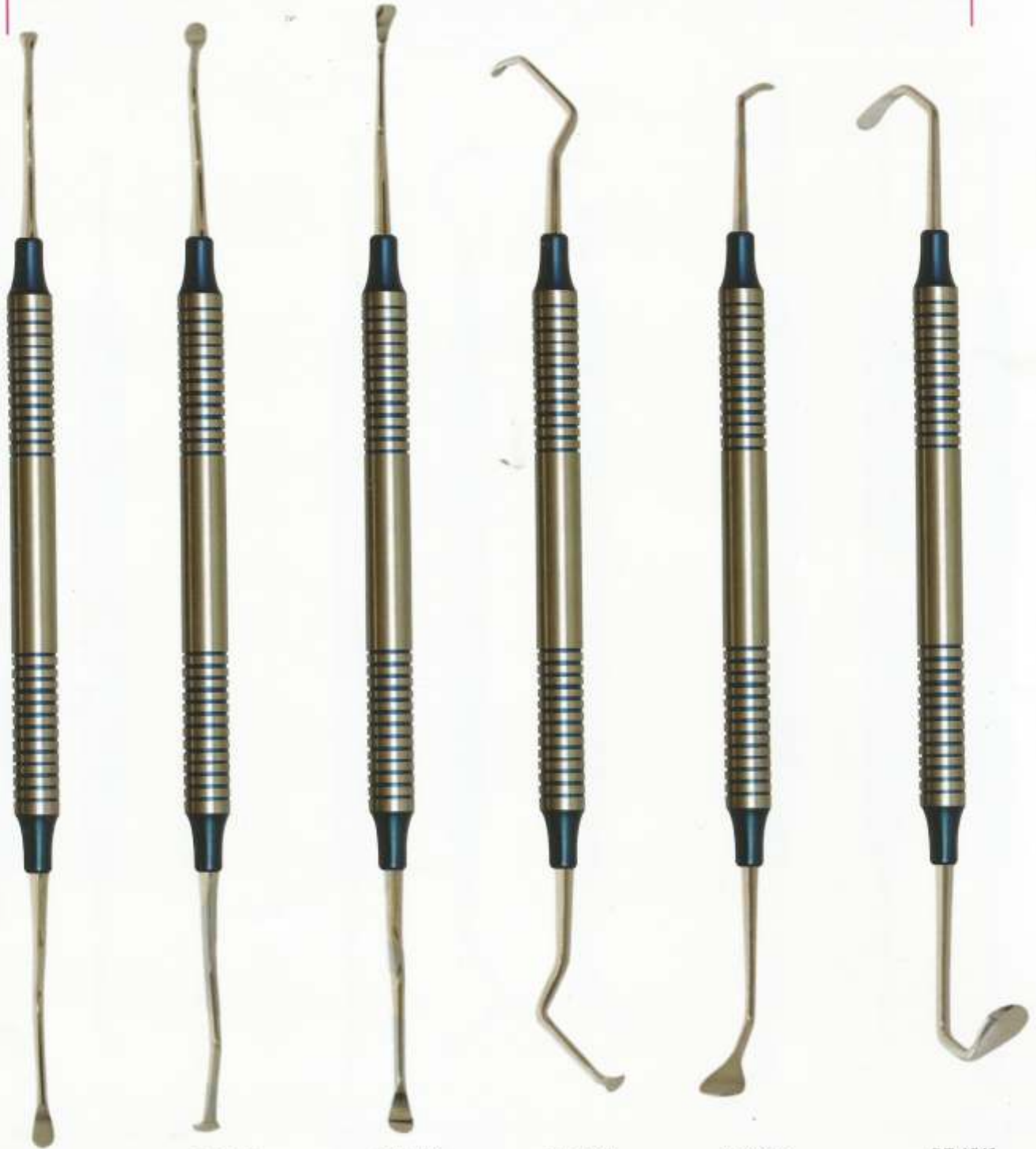
DE-1532  
B01

DE-1533  
B02

DE-1534  
B03

## IMPLANTOLOGY

Sinus lift instrument 10 mm Straight grip Sinus lift elevators, blunt or sharply curved (H01, H02, K03, K04, K78, K77)



**DE-1535**  
Sinus lift  
instrument  
H01

**DE-1536**  
Sinus lift  
instrument  
H02

**DE-1537**  
Sinus lift  
instrument  
K03

**DE-1538**  
Sinus lift  
instrument  
K04

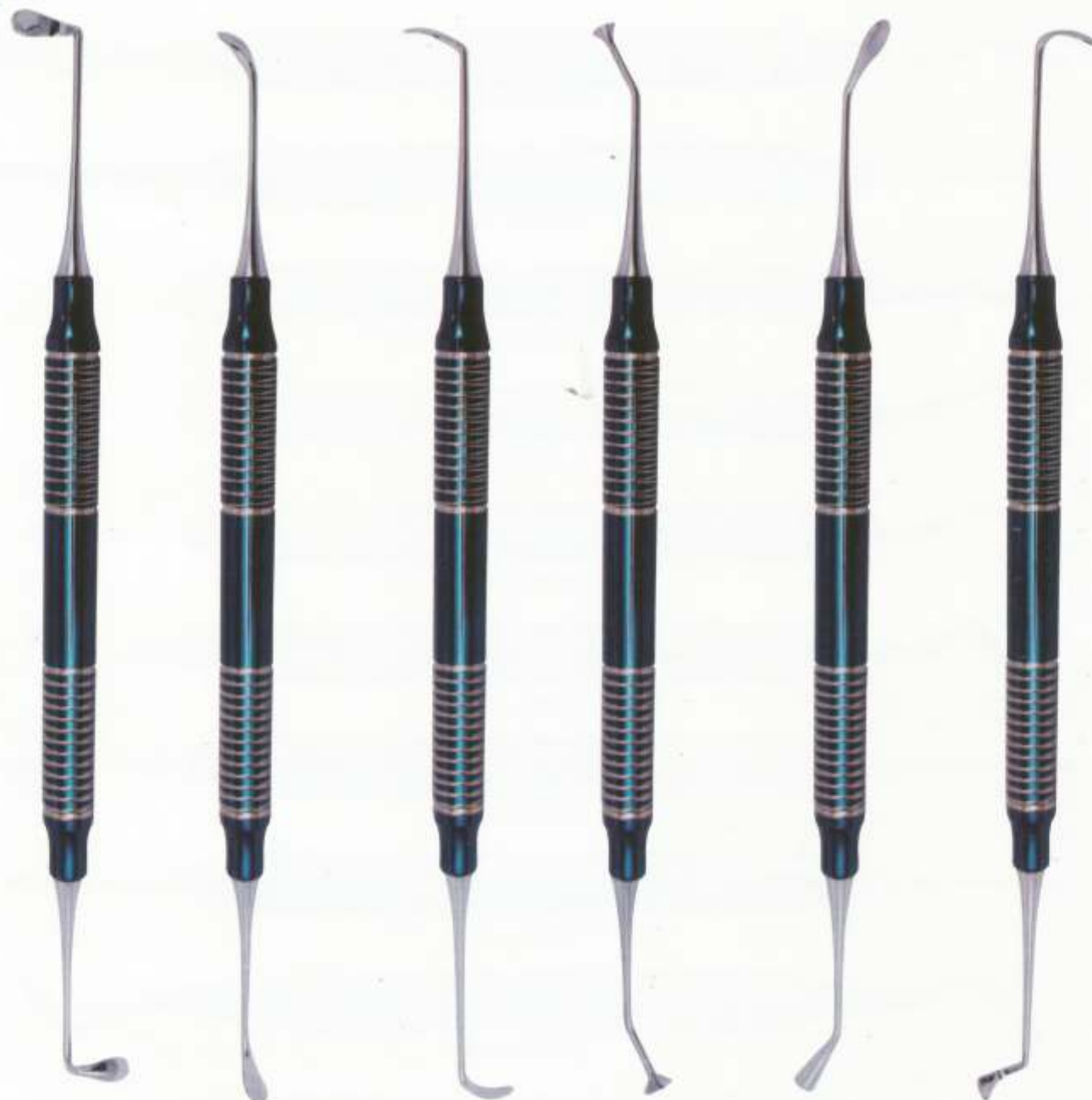
**DE-1539**  
Sinus lift  
instrument  
K78

**DE-1540**  
Sinus lift  
instrument  
K77

## IMPLANTOLOGY

### SINUS LIFT INSTRUMENT

Sinus Lift Elevators, 10 mm Hollow Handle length 170mm Blunt Curved Set of 6 Pcs



DE-1541

DE-1542

DE-1543

DE-1544

DE-1545

DE-1546



## IMPLANTOLOGY

IMPLANT SINUS LIFT INSTRUMENTS  
PERIODONTAL SURGERY    SURGICAL CHISELS  
KRAMER NEVINS SINUS LIFT



DE-1547 TG



DE-1548 SOLT3/4



DE-1549 TGO



DE-1550 29K



DE-1551 FEDI4



DE-1552 OCH3



DE-1553 OCH4



DE-1554 FEDI1



DE-1555 FEDI2



DE-1556 FEDI3

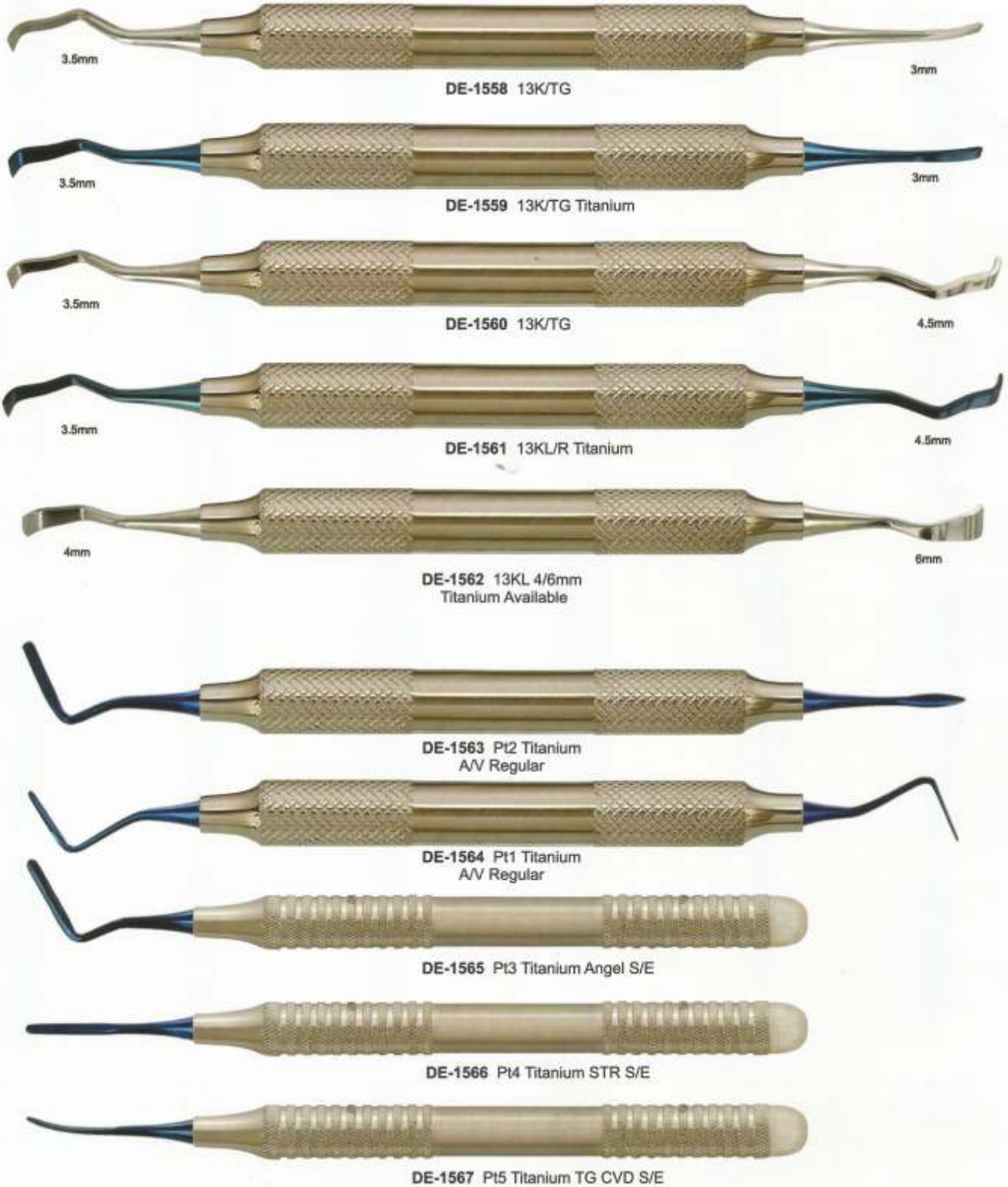


DE-1557 Gf36

## IMPLANTOLOGY

IMPLANT

SURGICAL CHISELS



## IMPLANTOLOGY

### MIXING SPATULA WITH SHOVEL



**DE-1568**  
Bone Carrier  
Titanium



**DE-1569**  
Raspator, Prichard  
Length 180 mm,  
10 mm hollow handle,  
double-ended  
10.5 mm | 4.5 mm,



**DE-1570**  
Raspator, Prichard  
Length 180 mm,  
10 mm hollow handle,  
double ended



**DE-1571**  
Raspator, Prichard  
Length 180 mm,  
10 mm hollow handle,  
double-ended  
10.5 mm | 4.5 mm,



**DE-1572**  
Mixing Spatula  
with shovel  
17cm



**DE-1573**  
Mixing Spatula  
with shovel  
18.5cm



## IMPLANTOLOGY

### BONE GRAFTING INSTRUMENTS COMPACTOR /TAMPERS

Product offering includes instruments for harvesting, mixing and compacting bone Provides clinicians with the proper instrumentation for bone grafting procedures Weighted bone basin Prevents tipping and spilling of bone and other materials during mixing



**DE-1574**  
Graft Packer,  
Concave Tips  
DE 4/6mm

**DE-1575**  
Bone Spoon/  
Packer DE 3mm

**DE-1576**  
Graft Packer,  
Serrated Tips  
DE 6/8mm

**DE-1577**  
Graft Packer,  
Serrated Tips  
DE 3/4mm

**DE-1578**  
Graft Packer,  
Smooth Tips  
DE 5/8mm

**DE-1579**  
Titanium graft packer/  
placement site depth  
gauge 3.3mm & 4.0mm  
Diameter tips Marked  
at 8, 11, 13, 15 & 18mm

**DE-1580**  
Graft Material Spoo  
Concave Tip For  
Larger Grafts



## IMPLANTOLOGY

### BONE GRAFTING INSTRUMENTS



**DE-1581**  
Blade and pusher  
Length 180 mm,  
for straight or angled,  
blade: 15 x 5 mm,  
pusher: 4 mm diameter  
Straight



**DE-1582**  
Blade and pusher  
Length 180 mm,  
for straight or angled,  
blade: 15 x 5 mm,  
pusher: 4 mm diameter  
angular



**DE-1583**  
Spoon and pusher  
Length 180 mm,  
for angled spoon:  
10 x 5 mm, pusher:  
diameter 3 mm



**DE-1584**  
Tunnelerungs  
Instrument  
length 175 mm,



**DE-1585**  
Tunnelerungs  
Instrument  
length 175 mm,  
different designs



**DE-1586**  
Tammer  
Length 170 mm,  
for bone material,  
double-ended,  
diameter 3.2 mm  
(2-4-6-8-10) and diameter  
2.5mm (2-4-6-8-10)

## IMPLANTOLOGY

### BONE GRAFTING INSTRUMENTS

#### Pluggers Clarizio

Length 160 mm, with titanium tips for mixing and pouring of autologous, heterologous bone substitute material, diameter (3/4 or 6/8 mm)



DE-1587 Ø 4mm  
DE-1588 Ø 5mm  
Compactor  
150mm



DE-1589  
Sinus Window  
Bone Tampers  
4 mm



DE-1590  
Sinus Window  
Bone Tampers  
7 mm



DE-1591  
6/8mm

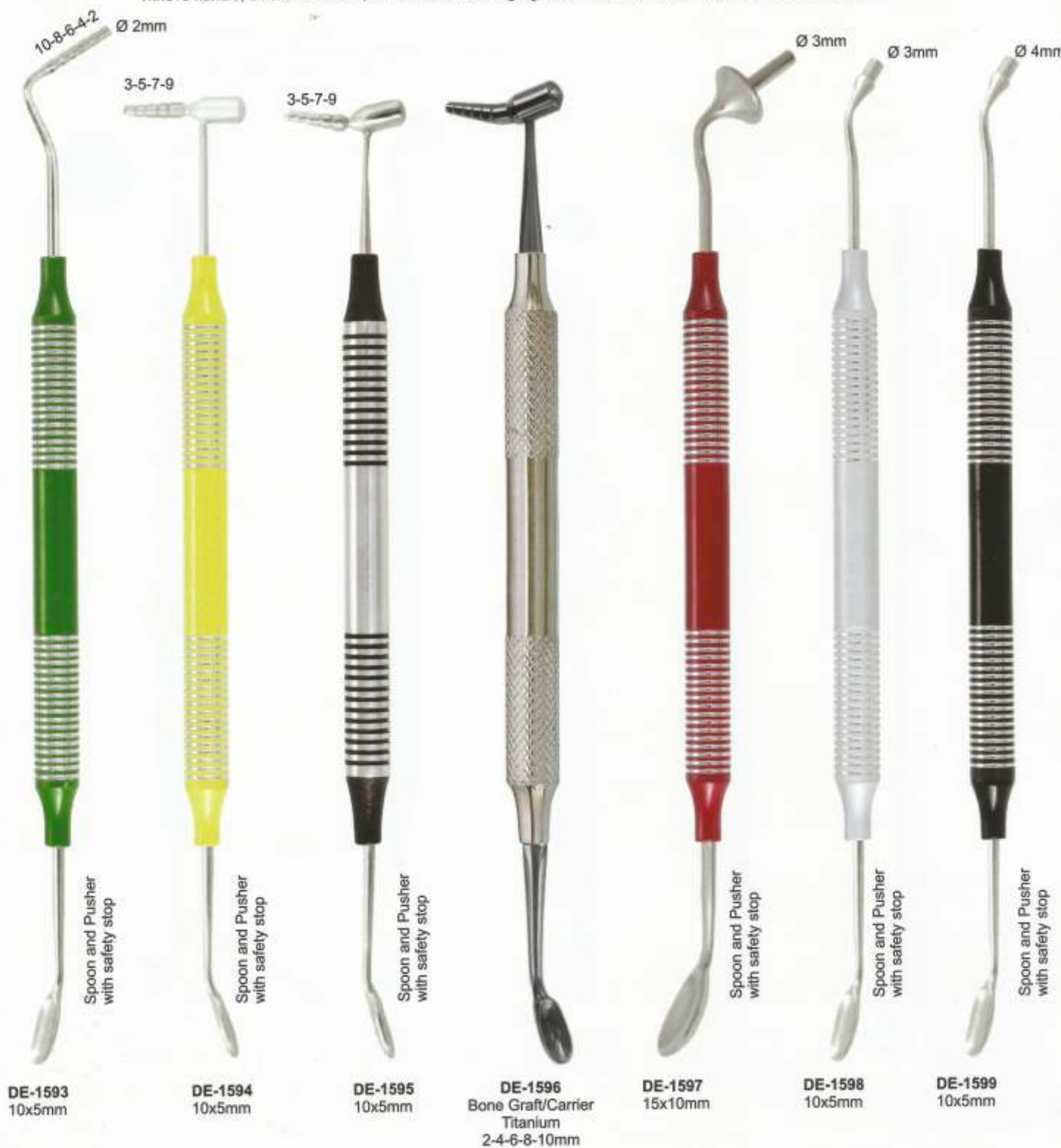


DE-1592  
3/4mm

## IMPLANTOLOGY

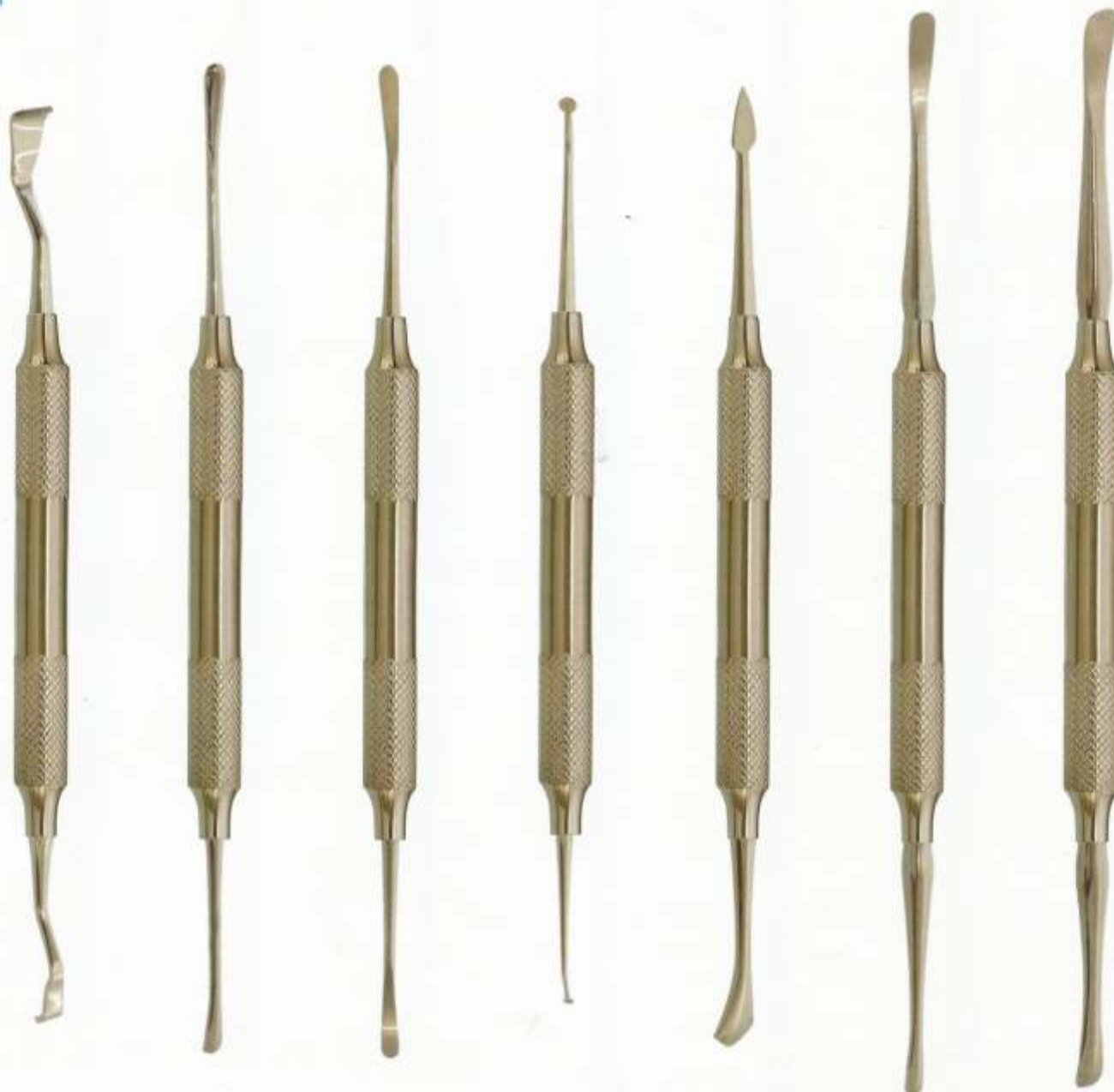
### SPOON AND PUSHER (TRINOVO)

Trinovo handle, different workers, for bone material, high-grade medical stainless steel, corrosion-resistant



## IMPLANTOLOGY

### PERIOSTEALS ELEVATOR 10mm Hollow Handle



**DE-1600**  
Raspator,  
BonexScraper  
Length 165 mm,  
10 mm hollow  
handle,  
double-ended 6  
mm / 4 mm,

**DE-1601**  
Raspator,  
Raspatory  
Length 180 mm,  
10 mm hollow  
handle,  
double-ended  
3 mm | 3 mm,

**DE-1602**  
Raspator,  
Raspatory  
Length 180 mm,  
10 mm hollow  
handle,  
double-ended  
3 mm | 3 mm,

**DE-1603**  
Raspator,  
Papilla  
Length 185 mm,  
10 mm hollow  
handle,  
double-ended  
3 mm | 2 mm,

**DE-1604**  
Raspator,  
bone scraper  
Length 175 mm,  
10 mm hollow  
handle,  
double-ended,

**DE-1605**  
Raspator,  
micro-Freer  
Length 180 mm,  
6 mm solid grip,  
double-ended  
3 mm | 4 mm

**DE-1606**  
Raspator,  
Freer  
Length 180 mm,  
6 mm solid  
handle,  
double-ended  
5 mm | 5 mm,



## IMPLANTOLOGY

### PERIOSTEALS ELEVATOR 10mm Hollow Handle



**DE-1607**  
Raspator,  
Freer  
10 mm hollow  
handle,  
high-quality  
medical  
double ended

**DE-1608**  
Raspator,  
Molt  
Length 180 mm,  
8 mm solid  
grip,  
double-ended  
6 mm

**DE-1609**  
Raspator,  
micro Freer  
Length 185 mm,  
10 mm hollow  
handle,  
double-ended,

**DE-1610**  
Raspator,  
micro Freer  
Length 185 mm,  
10 mm hollow  
handle,  
double-ended,

**DE-1611**  
Raspator, micro  
Raspator /  
chisel  
Length 170 mm,  
10 mm hollow  
handle,  
double-ended,

**DE-1612**  
Raspator, micro  
Raspator /  
chisel  
Length 175 mm,  
10 mm hollow  
handle,  
double-ended,

**DE-1613**  
Raspator,  
Micro Raspator /  
chisel  
Length 175 mm,  
8 mm solid handle,  
double-ended  
3.5mm | 3.5 mm,

## IMPLANTOLOGY

### PERIOSTEALS ELEVATOR 10mm Hollow Handle



**DE-1614**  
Raspatory Micro Molt  
Length 175 mm,  
corrosion-resistant

**DE-1615**  
Raspatory Chipping  
Workers:  
Chisel 24G and 7.5 mm,  
length about 175 mm,  
corrosion-resistant

**DE-1616**  
Raspatory MOLT  
Work ends:  
5.0 mm and 4.0 mm,  
length about 175 mm,  
corrosion-resistant

**DE-1617**  
Rasp, Molt M9  
Length 175 mm,  
corrosion-resistant

**DE-1618**  
Raspatory, WAUTIER  
Length 175 mm,  
corrosion-resistant

**DE-1619**  
Raspatory, BENQUE  
Length 170 mm,  
workers  
5 mm | 7 mm,  
corrosion-resistant

**DE-1620**  
Raspatory, Nordberg  
Length 180 mm,  
8 mm hollow handle,  
double-ended  
6 mm | 4 mm

## IMPLANTOLOGY

Hollow Handle 10mm Length 170mm





## IMPLANTOLOGY

### TISSUE MEMBRANE FORCEPS



**DE-1630**  
Tissue Graft Forcep  
Serrated Teeth



**DE-1631**  
Self Locking  
Grooved



**DE-1632**  
Tissue Graft Forcep  
Serrated Teeth



**DE-1633**  
Titanium  
Locking Plier



**DE-1634**  
TC Gripper Carbide  
Tipped Tissue Forceps  
Serrated Carbide Tips  
14.5cm



**DE-1635**  
Adson Carbide  
Tipped Tissue Forceps  
Serrated Carbide Tips  
12cm



**DE-1636**  
Micor Adson 1x2  
Tissue Forcep 12.1cm  
1x2 Teeth - 0.5mm Tips



**DE-1637**  
Adson 7x7  
Tissue Forceps  
7x7 Teeth 12cm



**DE-1638**  
Adson 7x7 Curved  
Tissue Forceps  
7x7 Teeth 12cm



**DE-1639**  
Suture Pliers  
Suture Forceps with  
1.6mm Ring Tip



**DE-1640**  
Debaquey Atraumatic  
Tissue Forceps Straight  
Serrated Teeth  
16cm



**DE-1641**  
Debaquey Atraumatic  
Tissue Forceps Curved  
Serrated Teeth  
16cm





## IMPLANTOLOGY

### TISSUE MEMBRANE FORCEPS



**DE-1642**  
Russian Long  
Tissue Forceps  
Serrated Tip  
20cm



**DE-1643**  
Russian  
Tissue Forceps  
Serrated Tip  
15cm



**DE-1644**  
Tissue Punch Forceps  
To Remove Tissue  
After Using Punch



**DE-1645**  
13.5 cm  
narrow



**DE-1646**  
10.5 cm  
Membrane tweezers KUEHNE



**DE-1647**  
13.5 cm  
wide



**DE-1648**  
Pin-Tweezers  
with or without lock,  
length 15 cm,  
with lock



**DE-1649**  
without lock,  
length 15 cm



**DE-1650**  
Haltepinzette with lock  
15,5 cm, for pins, towards  
the tips, etc.,



**DE-1651**  
Carry Forceps  
15cm



**DE-1652**  
Carry Forceps  
15cm



**DE-1653**  
Carry Forceps  
15cm

## IMPLANTOLOGY

### OSTEOTOME CONVEXES / CONCAVE / CONIQUES

CONVEXES



**DE-1654**  
**SET OF 5 PIECES**

CONCAVES

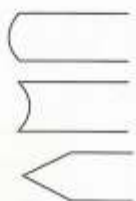
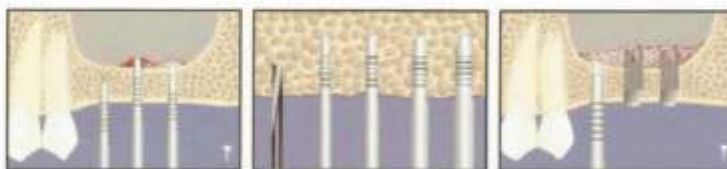


**DE-1655**  
**SET OF 5 PIECES**

CONIQUES



**DE-1656**  
**SET OF 5 PIECES**



CONVEXES STRAIGHT	DE-1654	2,7 Ømm	3,2 Ømm	3,7 Ømm	4,2 Ømm	5 Ømm
CONCAVES STRAIGHT	DE-1655	2,7 Ømm	3,2 Ømm	3,7 Ømm	4,2 Ømm	5 Ømm
CONIQUES STRAIGHT	DE-1656	2,7 Ømm	3,2 Ømm	3,7 Ømm	4,2 Ømm	5 Ømm

## IMPLANTOLOGY

### OSTEOTOME CONVEXES / CONCAVE / CONIQUES

CONVEXES



**DE-1657**  
SET OF 5 PIECES

CONCAVES

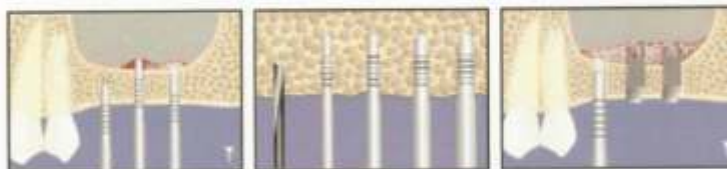





**DE-1658**  
SET OF 5 PIECES

CONIQUES



**DE-1659**  
SET OF 5 PIECES



	CONVEXES CURVED	DE-1657	2,7 Ømm	3,2 Ømm	3,7 Ømm	4,2 Ømm	5 Ømm
	CONCAVES CURVED	DE-1658	2,7 Ømm	3,2 Ømm	3,7 Ømm	4,2 Ømm	5 Ømm
	CONIQUES CURVED	DE-1659	2,7 Ømm	3,2 Ømm	3,7 Ømm	4,2 Ømm	5 Ømm



## IMPLANTOLOGY

### TREPHINE

Burs with depth markings are suited for precise and simple transplantation of cylindrical bone grafts as well as for all other bone-extraction tasks.



**DE-1669**  
Tissue Punch with pin  
Set of Four Pieces



**DE-1670**  
Tissue Punch  
Set of Five Pieces



**DE-1671**  
Tissue Punch  
Set of Five Pieces



**DE-1672**  
Trephine Drill  
Set of Eight Pieces



**DE-1673**  
Short Implant Drills



**DE-1674**  
Long Implant Drills



**DE-1675**  
Trephine Drill  
Set of Eight Pieces



## IMPLANTOLOGY

### BONE SCRAPER STRAIGHT & CURVED



**DE-1676**  
Bone Scraper  
Straight

**DE-1677**  
Bone Scraper  
Curved

### TISSUE PUNCH STRAIGHT & CURVED



**DE-1679**  
2.0mm

**DE-1680**  
4.0mm

**DE-1681**  
5.0mm

**DE-1682**  
6.0mm

**DE-1683**  
7.0mm

**DE-1684**  
8.0mm

**DE-1686**  
2.0mm

**DE-1687**  
4.0mm

**DE-1688**  
5.0mm

**DE-1689**  
6.0mm

**DE-1690**  
7.0mm

**DE-1691**  
8.0mm

**DE-1678**  
Tissue Punch  
Straight

**DE-1685**  
Tissue Punch  
Curved



**DE-1692**  
Bone Mill



**DE-1693**  
Basins For Bone



**BONE CRUSHER**  
**DE-1694**

## IMPLANTOLOGY

### KEYS FOR IMPLANT SCREW



DE-1695



DE-1696



DE-1697



DE-1698

### TORQUE WRENCH & RATCHET



DE-1699 Star Torque Wrench 6.35mm Universal



DE-1700 Round Torque Wrench 4.0mm Universal



DE-1701 Hex Driver With 4.0mm Driver



DE-1702 Star Torque Wrench 6.35mm Universal



DE-1703 Hex Torque Wrench 4.00mm Universal



DE-1704 Star Torque Wrench 6.35mm Universal



DE-1705 Star Torque Wrench 6.35mm Universal



DE-1706 Star Torque Wrench 6.35mm Universal



DE-1707 Star Torque Wrench 6.35mm Universal



DE-1708 Star Torque Wrench 6.35mm Universal



DE-1709 Star Ratchet Wrench 6.35mm Universal



DE-1710 Star Ratchet Wrench 6.35mm Universal



DE-1711 Star Ratchet Wrench 6.35mm Universal



DE-1712 Star Ratchet Wrench 4.0mm Universal



DE-1713 Round Ratchet Wrench 4.0mm Universal



DE-1714 Round Ratchet Wrench 3.35mm Universal



DE-1715 Star Ratchet Wrench 4.0mm Universal



DE-1716 Star Ratchet Wrench 6.35mm Universal

## IMPLANTOLOGY





## IMPLANTOLOGY

### BONE EXPANDER SCREW & SURGICAL KITS



#### DE-1722

##### Bone Universal Kit

Drill: 2mm, 2.8mm, 3.2mm, 3.65mm, 4.2mm, 4.5mm, 4.8mm, 5.2mm

##### Trephines Bit:

3.0mm, 4.0mm, 5.0mm, 6.0mm, 7.0mm, 8.0mm, 9.0mm, 10mm.

##### Driver:

2.5mm, 2.5mm Hand Pcs  
1.25mm, 1.25mm Hand Pcs  
Short Driver 2.5mm  
Long Driver 2.5mm  
1.25mm, Short Hex Driver Hand Pcs  
1.25mm, Long Hex Driver Hand Pcs  
Torque Wrench 4.0mm



#### DE-1723

##### Bone Expander Kit

Expander: 2.6mm, 3.0mm, 3.4mm, 3.8mm, 4.3mm

##### Ratchet Driver:

Parallel Pin  
Pilot Drill  
Drill 1.4mm  
Drill Driver 4mm  
Hand Driver 4mm  
Ratchet 4.0mm



#### DE-1724

##### Bone Universal Kit

Drill: 2mm, 2.8mm, 3.2mm, 3.65mm, 4.2mm, 4.5mm, 4.8mm, 5.2mm

##### Trephines Bit:

3.0mm, 4.0mm, 5.0mm, 6.0mm, 7.0mm, 8.0mm, 9.0mm, 10mm.

##### Bone Compression:

2mm, 3.3mm, 2.8mm, 4.2mm, 3mm, 3.5mm

##### Driver:

2.5mm, 2.5mm Hand Pcs  
1.25mm, 1.25mm Hand Pcs  
Short Driver 2.5mm  
Long Driver 2.5mm  
1.25mm, Short Hex Driver Hand Pcs  
1.25mm, Long Hex Driver Hand Pcs  
Torque Wrench 6.35mm 1 Pcs



#### DE-1725

##### Conical Drills: 20 Pcs

##### Tissue Punches:

3.0mm, 3.50mm, 4.0mm, 4.5mm, 5.0mm, 6.0mm, 6.50mm

##### Bone Expander:

1.6/3.8mm, 1.9/3.0mm, 2.1/3.6mm, 2.6/3.8mm, 2.9/4.3mm

##### Drill Adapter: 1 Pcs

1.25mm, 2.50mm Hex Driver Hand Pcs

##### Pilot Drill: 1.6mm

Drill Bit: 1.4mm, 1.6mm, 1.8mm, 2.0mm, 2.2mm

##### Ratchet Driver: 4mm/6.35, 1.25/2.50

Rimer: 3.2/4.7mm, 3.7/4.7mm

##### Parallel Pin: 4.5mm, 2.5mm

Double step Drill: 2.4/2.8mm

##### Depth Gauge: 1 Pcs

Torque Wrench 6.35mm Universal: 1 Pcs



## IMPLANTOLOGY

### BONE INJECTORS, COLLECTORS & SUCTION TUBE



**DE-1726**  
Ø 2,5mm /  
3,5mm  
170mm

**DE-1727**  
Ø 4,5mm /  
5,5mm  
170mm

**DE-1728**  
Ø 3,5mm /  
4,5mm  
170mm

**DE-1729**  
Ø 6,0mm /  
7,0mm  
170mm



**DE-1730**  
18cm  
Straight / Bend  
I.D 2.5mm  
O.D 3.5

**DE-1731**  
18cm  
Straight / Bend  
I.D 3.5mm  
O.D 4.5

**DE-1732**  
18cm  
Straight / Bend  
I.D 4.5mm  
O.D 5.5

**DE-1733**  
18cm  
Straight / Bend  
I.D 6.0mm  
O.D 7.0



**DE-1734**  
17.5cm

**DE-1735**  
18cm

**DE-1736**  
coarse  
Ø 5mm

Suction tubes  
to collect  
the extracted  
bone material  
180mm

**DE-1737**  
fine  
Ø 9mm



**DE-1738**  
Suction  
Tubes  
180mm

**DE-1739**  
Suction  
Tubes  
180mm

**DE-1740**  
Suction  
Tubes  
180mm



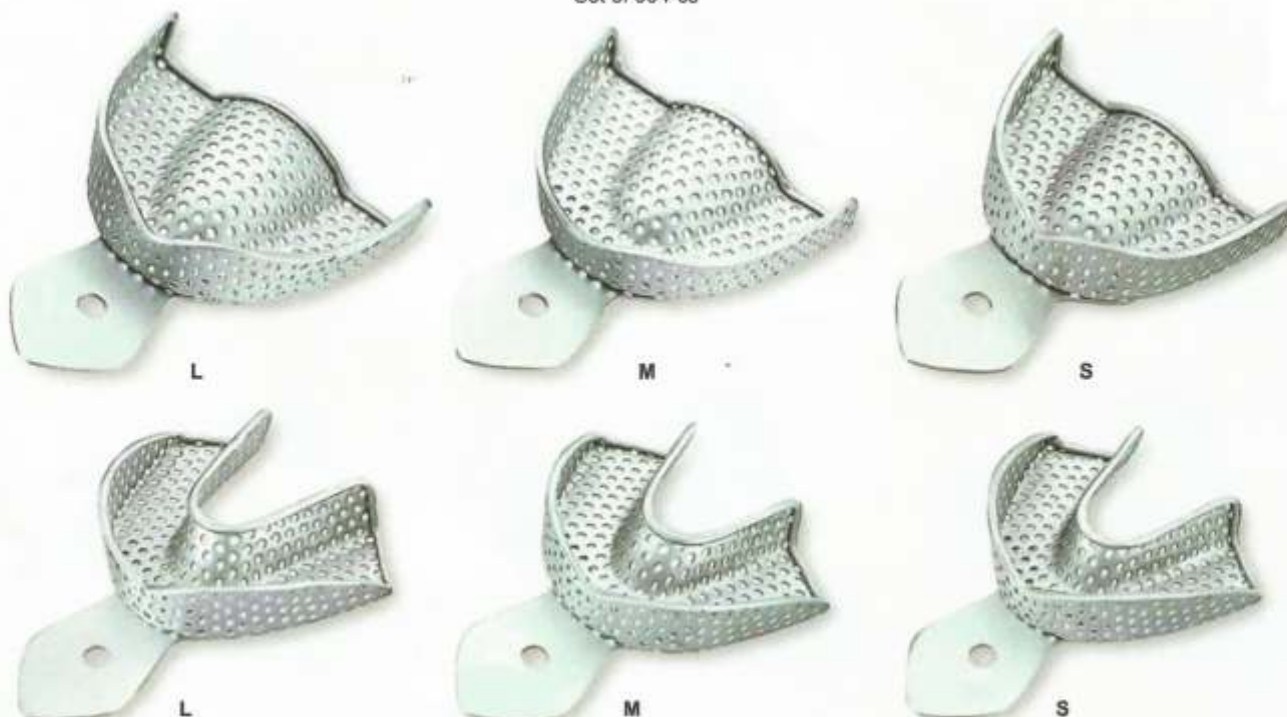
**DE-1741**  
Fig. 6FR  
Frazier  
15 cm - Ø 2 mm

**DE-1742**  
Ø 3 mm  
length 180mm  
**DE-1743**  
Ø 4 mm  
length 180mm  
**DE-1744**  
Ø 5 mm  
length 180mm

## IMPRESSION TRAYS

### PERFORATED WITH RIM LOCK

Set of 06 Pcs

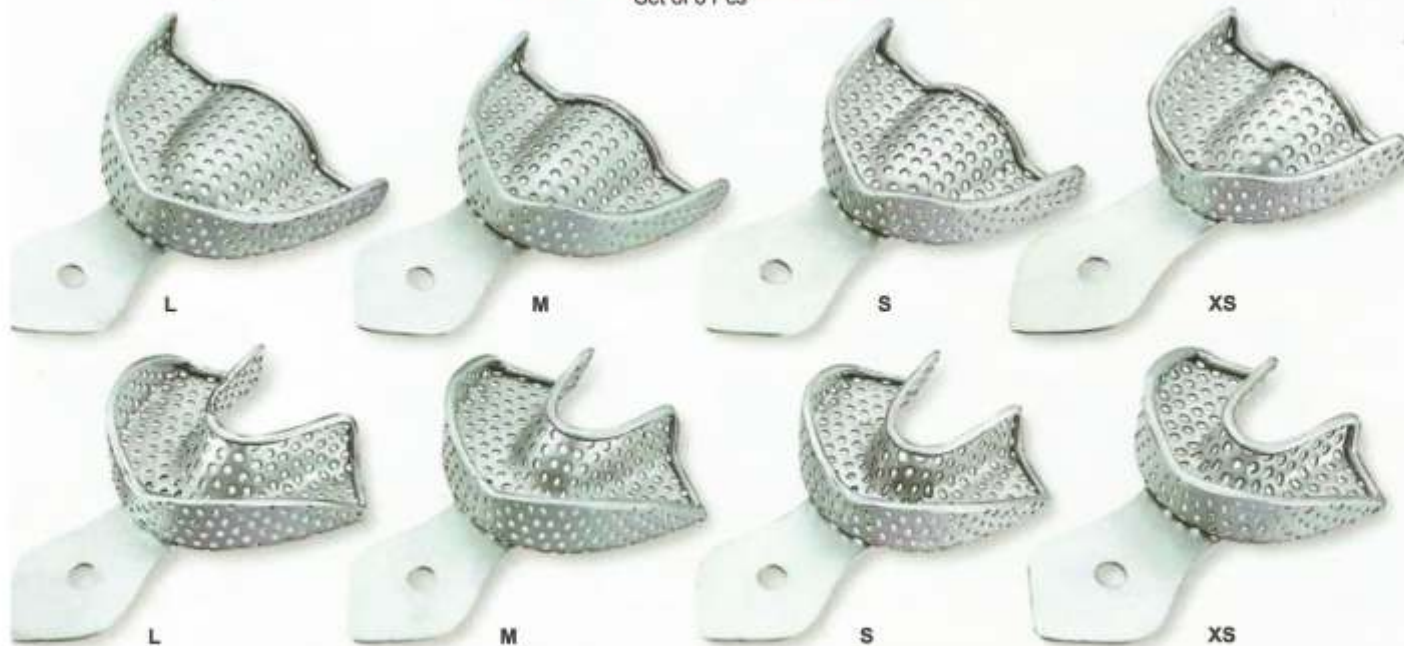


#### DE-1745 SET OF 06 PCS

Upper: S, M, L  
Lower: S, M, L

### PERFORATED WITH RIM LOCK

Set of 8 Pcs



#### DE-1746 SET OF 08 PCS

Upper: XS, S, M, L  
Lower: XS, S, M, L

#### DE-1747 SET OF 08 PCS

Upper: S, M, L, XL  
Lower: S, M, L, XL

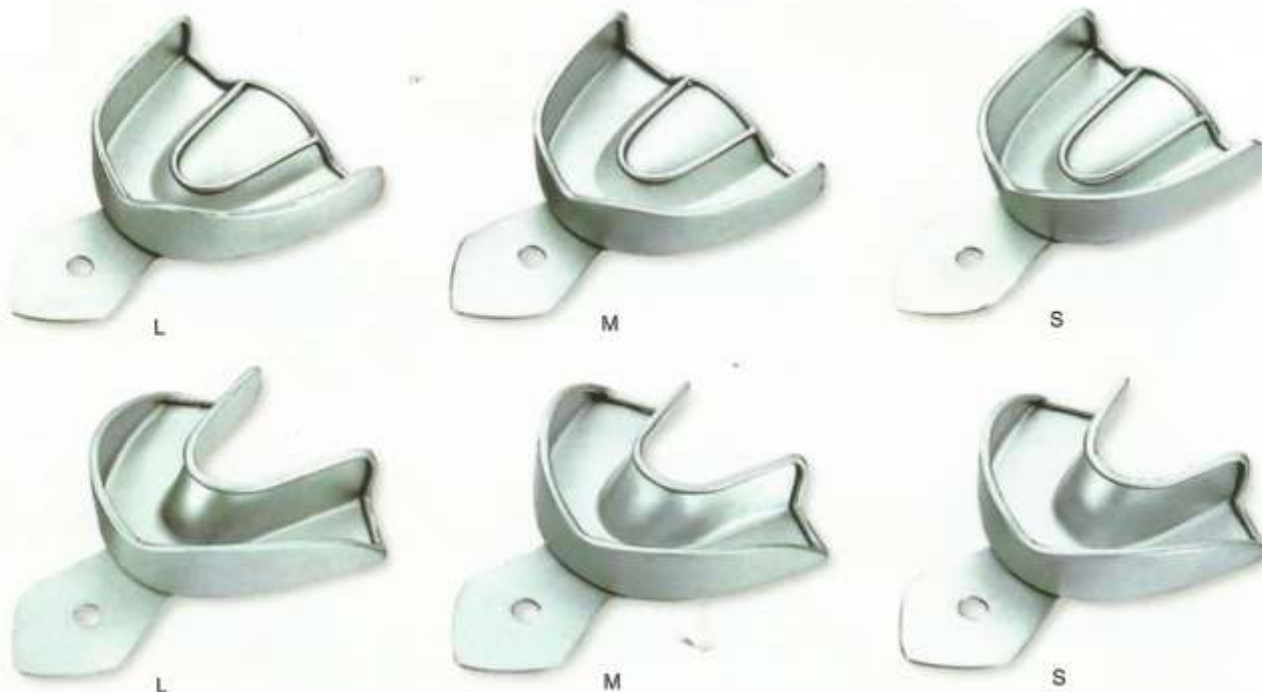
#### DE-1748 SET OF 10 PCS

Upper: XS, S, M, L, XL  
Lower: XS, S, M, L, XL

## IMPRESSION TRAYS

### SOLID WITH RIM LOCK

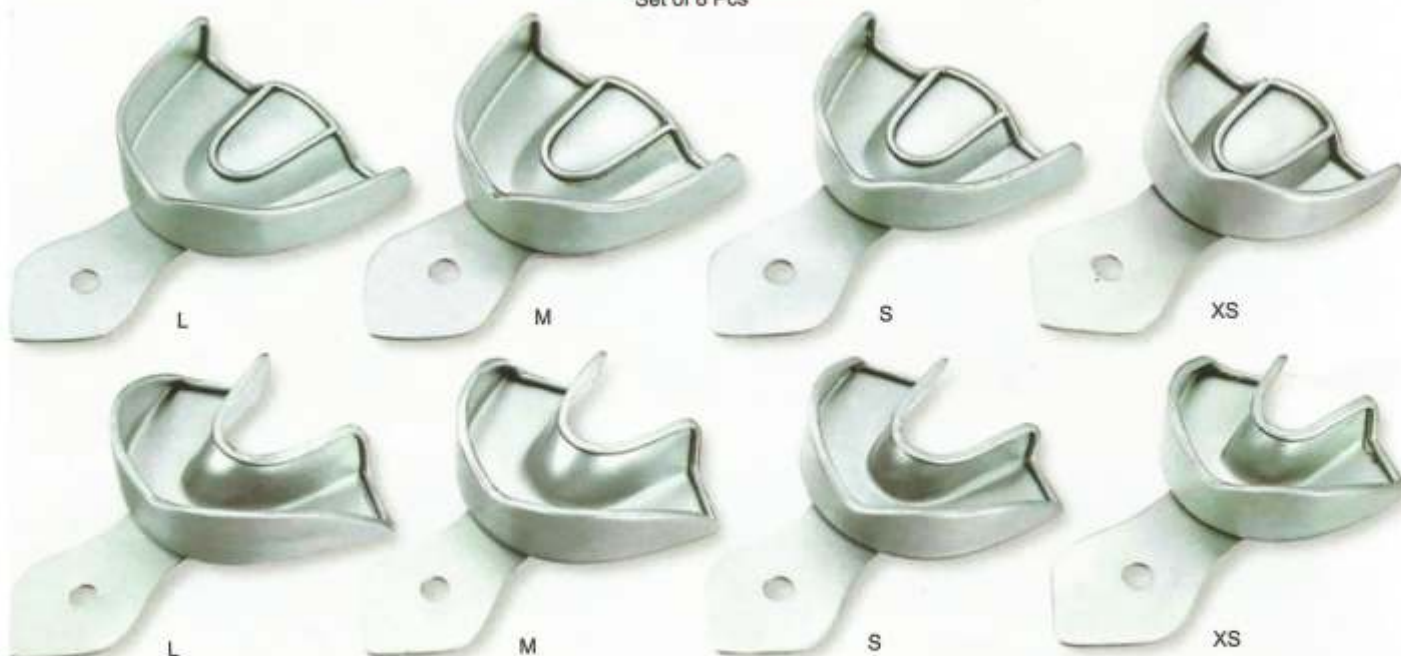
Set of 6 Pcs



**DE-1749 SET OF 06 PCS**  
Upper: S, M, L  
Lower: S, M, L

### SOLID WITH RIM LOCK

Set of 8 Pcs



**DE-1750 SET OF 08 PCS**  
Upper: XS, S, M, L  
Lower: XS, S, M, L

**DE-1751 SET OF 08 PCS**  
Upper: S, M, L, XL  
Lower: S, M, L, XL

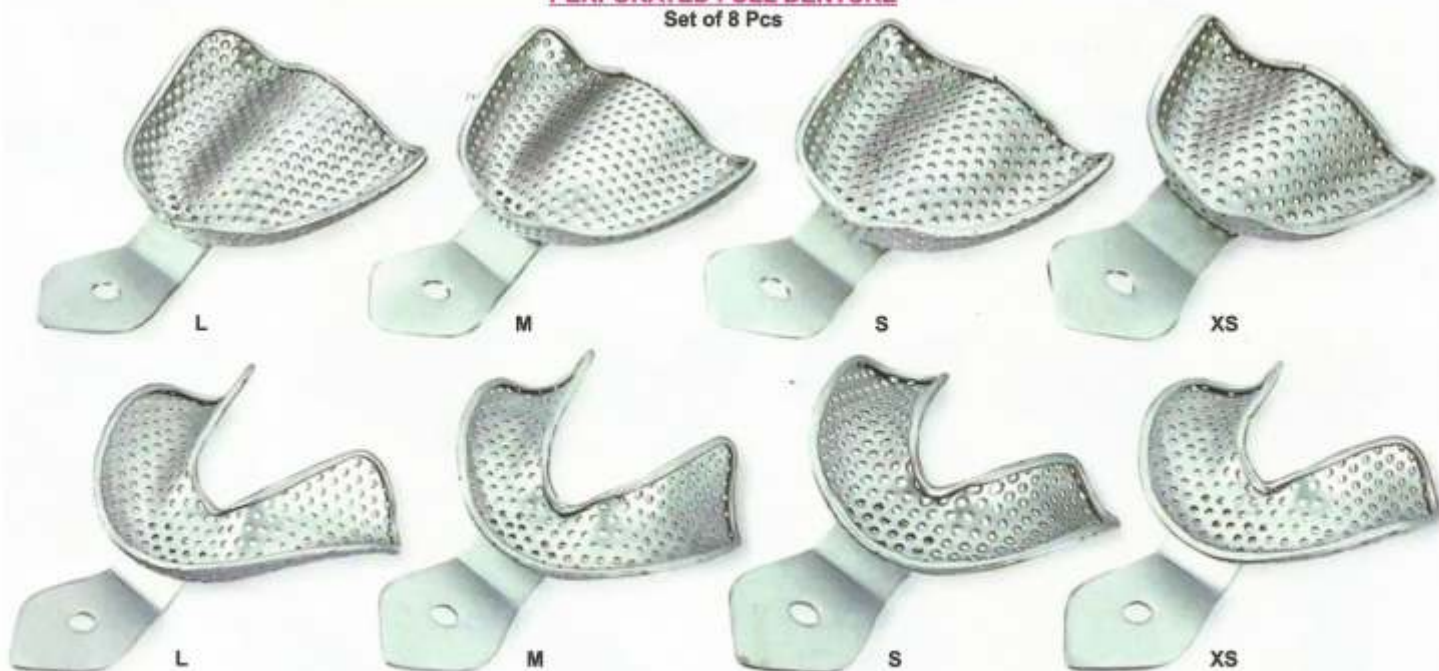
**DE-1752 SET OF 10 PCS**  
Upper: XS, S, M, L, XL  
Lower: XS, S, M, L, XL



## IMPRESSION TRAYS

### PERFORATED FULL DENTURE

Set of 8 Pcs



DE-1753 SET OF 08 PCS  
Upper: S, M, L, XL  
Lower: S, M, L, XL

DE-1754 SET OF 08 PCS  
Upper: S, M, L  
Lower: S, M, L

### SOLID FULL DENTURE

Set of 8 Pcs



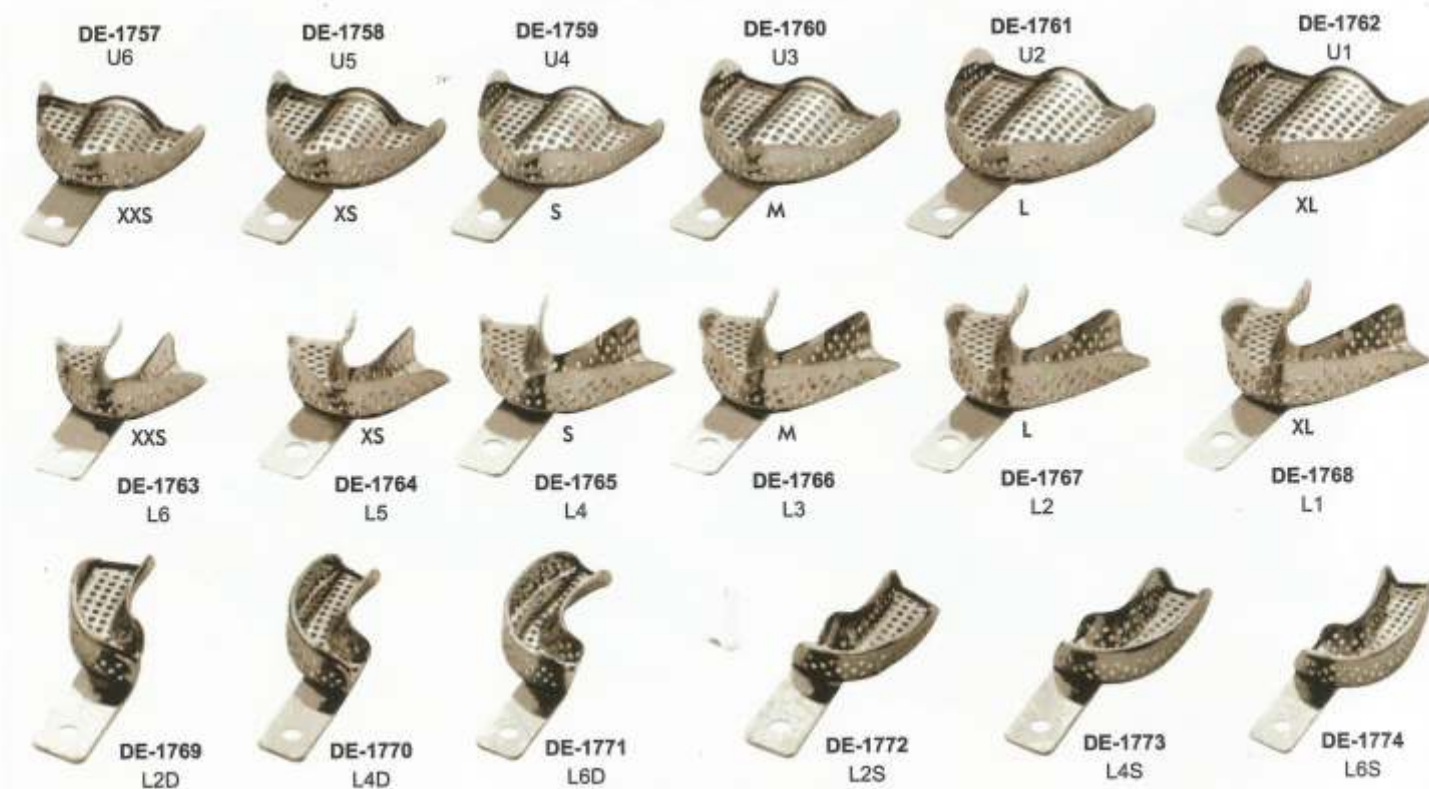
DE-1755 SET OF 08 PCS  
Upper: S, M, L, XL  
Lower: S, M, L, XL

DE-1756 SET OF 06 PCS  
Upper: S, M, L  
Lower: S, M, L

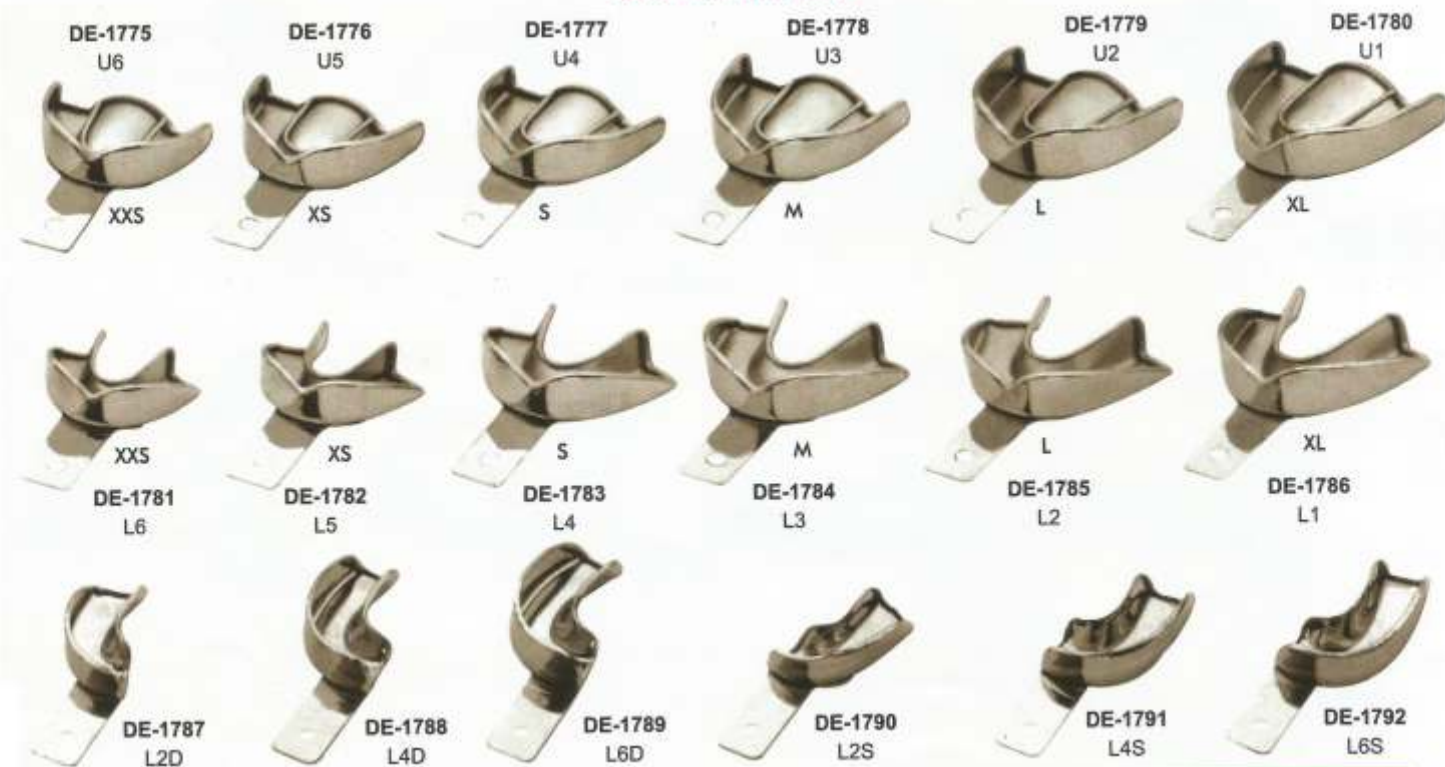


## IMPRESSION TRAYS

### Perforated Without Rim Lock



### Solid With Rim Lock



## INSTRUMENTS CASSETTES & STANDS



**DE-1793**  
Instruments Cassettes  
5 Pieces, 7 Pieces, 10 Pieces & 20 Pieces



**DE-1794**  
Instruments Cassettes  
5 Pieces, 7 Pieces, 10 Pieces & 20 Pieces



**DE-1795**  
Instruments Cassette  
7 Pieces & 10 Pieces



**DE-1796**  
Gracey Curette Set Cassettes



**DE-1797**  
182 x 150 x 20 mm  
10 Instruments



**DE-1798**  
180 x 85 x 15 mm  
5 Instruments



**DE-1799**  
288 x 182 x 35 mm  
20 Instruments



**DE-1800**  
288 x 182 x 35 mm  
20 Instruments



**DE-1801**  
182 x 145 x 35 mm  
10 Instruments



**DE-1802**  
182 x 72 x 35 mm  
5 Instruments



**DE-1803**  
182 x 145 x 35 mm  
9 Instruments



**DE-1804**  
Gracey Curette Set Stand



**DE-1805**  
Sinus Lift Set Stand



## IMPRESSION TRAYS

Made of 18/8 stainless steel



**KIDNEY TRAY WITH COVER**  
(English Pattern)

	Size
DE-1806	150 mm
DE-1807	200 mm
DE-1808	240 mm
DE-1809	300 mm



**Kidney Trays**

With lid available	Without lid available
DE-1810 6"	DE-1814 6"
DE-1811 8"	DE-1815 8"
DE-1812 10"	DE-1816 10"
DE-1813 12"	DE-1817 12"



Deep	
DE-1818	2.25" - 2"
DE-1819	4.75" - 2"
DE-1820	5.5" - 2.5"
DE-1821	6.25" - 2.75"
DE-1822	7" - 3.5"



**Sterilizing Drum**

Art #	Ø mm	h mm
DE-1823	80	80
DE-1824	120	120
DE-1825	160	120
DE-1826	190	140
DE-1827	190	200
DE-1828	240	120
DE-1829	240	160
DE-1830	240	240
DE-1831	290	120
DE-1832	290	160
DE-1833	290	240
DE-1834	340	160
DE-1835	340	240
DE-1836	390	145
DE-1837	390	200
DE-1838	390	290



**Cotton Holder -**  
DE-1839



**Spirit Lamp**  
DE-1840



**DE-1841**  
Endodontic Box



Forcep Jar	
DE-1842	25 x 80mm
DE-1843	30 x 100mm
DE-1844	100 x 200mm
DE-1845	75 x 173mm



DE-1846 6" x 8"  
DE-1847 8" x 10"  
DE-1848 10" x 12"  
Without Lid



**DE-1849**  
Instruments Box



**SCALER TRAY**  
DE-1850  
100 x 200 mm



# LAPA MASTER INDUSTRY

*Manufacturer & Exporter all kinds of Surgical, Dental Instruments*

## Manufacturing Process

### Manufacturing Capabilities

All of our production departments are well equipped with the latest, machinery which is imported from Germany and England, and well staffed with the expert technicians.

### Raw Material Department

Lapa Master Industry always purchases best quality stainless steel raw material from steel manufacturers or import directly from Japan, France and Germany when need to do so.

Two kinds of series i.e. 304, 410 and 420 of stainless steel are used for production of Surgical Instruments. At Lapa Master Industry, we believe that quality can only be achieved through quality raw material. As such, the best quality Raw-materials (Stainless Steel Strips, Round Bars, Stainless Steel Coils and Stainless Steel Tubes) are purchased and are subjected to composition and hardness testing through our in-house laboratory in order to ensure that only the best materials are passed on to production departments.

### Forging Department

Lapa Master Industry has its own forging section where forgings are made through Drop Hammer process by seasoned operators using dyes made of the best quality imported D-2 Steel.

Forging is done by keeping in mind that the geometry of this process is a starting point and does not on any way limit your design freedom.

### Milling Department

Milling is used in the surgical instruments industry, defined as the process of cutting, shaping and finishing of an instrument. It is the process that includes turning, welding and fringing. At the Lapa Master Industry we use the best milling technology which involve cutting away pieces of metal to create dovetails, threads, bevels, slots and ridges.

### Grinding (Filing & Setting)

In order to give a final shape to the instrument, our highly skilled craftsman use filling and grinding processes which removes the material from the instrument by abrasion. Then the instrument is keenly observed and set to perform perfect.

### Hardness Test (Heat Treatment)

For surgical instruments, the term harness refers to the resistance to bending, scratching, abrasion or cutting. We have in-house Heat Treatment Department equipped with top quality Vacuum Furnace where qualified staff and engineers are engaged in treating the instruments in order to add strength to the steel and perfect the metallurgical composition for further processes.

### Polishing Department

The Polishing Department is manned by seasoned workmen using imported chemicals and best quality grinding wheels to ensure the best quality finish. In this department, the instruments are given final finish which includes mirror, satin or matt finishes. The finish is per customers requirements.





# LAPA MASTER INDUSTRY

*Manufacturer & Exporter all kinds of Surgical, Dental Instruments*

## Manufacturing Process

### Tungsten Carbide Department

Lapa Master Industry tungsten carbide department is installed with the best quality imported machinery being manned by the exceptionally well trained experts using the German Technology. We use German tungsten carbide tips for our instruments.

### Coating Department

Our coating department is capable of providing gold plated instruments as well as powder coated instruments depending upon the requirements of the instruments or the customers. Best quality coating related raw materials are used so that no compromise can be made on quality. Furthermore, each coating is inspected for quality before any instrument is passed on to the next department.

### Passivation Department

We use high quality imported chemicals in our Passivation Department. Every instruments is boil test and passivate for 24 hours before packing. If need arises, the instruments are re-passivated so as to eliminate any chances of rusting or corrosion during the life of the instrument. Our instruments are rust-free for life though we give guarantee for five years.

### Sandblasting Department

For sandblasting our instruments, we use the machines as well as the best quality sandblasting material, which are operated by skilled & well trained operators.

### Stamping/Etching

We use permanent and long life high quality laser etching which produces a wide variety of text and graphic images including our customer's logo with very detailed and fine image quality.

### Quality Control

Our quality control department is involved at all of the processes of manufacturing but before the instrument goes to the packing department, its quality and function is thoroughly checked by our qualified engineers.

### Labeling and Packing

Each instrument is initially packed in a poly bag to prevent scratches and then packed in the middle box. Middle boxes are then packed in the carton. The middle boxes are labeled which includes the article number, types and sizes of instruments. We can also arrange packaging and labeling **according to the customers demand**.

### Warehouse

After the instruments are packed and labeled, cartons are then move to our in house warehouse where the complete record of shipments are maintained by our qualified warehouse management.



# LAPA MASTER INDUSTRY

*Manufacturer & Exporter all kinds of Surgical, Dental Instruments*

## DENTAL INSTRUMENTS

