

About Us

Orthodontic Instruments Catalog

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#### Flash Introduction



ur experience in manufacturing Surgical Instruments has been builtup since 1940. We have delivered the highest quality products by using best grade of materials and monitor all production process to guarantee our hand-crafted workmanship, always keeping up with the latest techniques.

Quality is more than the result of check and devotion, verified and certified by International Standards to design and manufacture all instruments under ISO 9001, EN 46001, ISO 13485 Quality Systems and compliance with cGMP of FDA's requirements and CE under EU directives. We ensure and get certified the ethical sourcing for production of goods and services by Social Accountability standards SA 8000.

We hope that this catalogue becomes a useful resource between our company and Orthodontic industry Surgical and Dental Profession through out the World.

Our Orthodontic instruments are designed to the specific requirements of advance surgical procedures. Our network span welcome special customize design of instruments to your specified requirements.

We are highly thankful to all our patrons for their regular support.



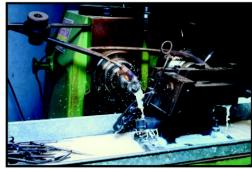
52-56-B Industrial Estate, Sialkot



44-B Industrial Estate, Sialkot

# **PRODUCTION STAGES**















## INTRODUCTION

ur experience in manufacturing of Surgical and Dental Instruments has been built-up since 1940, systematically, uncompromisingly and precisely. A second outcome is quality with the greater pace of technological advancement, and our deeper commitment to it. **Quality** is our watchword. We pursue it relentlessly from development through production to service and customer support. Precision is a very important factor in our process. We view precision not only in terms of manufacturing, but also in whole surgical procedure as an integrated system. Hence to develop the function more precisely, we share expertise opinion. All instruments are hand-crafted and minor deviation in size and weight may occur which does not effect the function and reliability of an instrument.



## ACKNOWLEDGED EXPERTISE AND QUALITY BUILDING ON EXPERIENCE

Quality is not an accident; it is achieved as a result of continuous efforts, new in-puts to system and human resources. Quality requires a solid foundation through expertise of the people who work for us. That's why we put emphasis in production and training.



#### QUALITY STANDARDIZATION

Whatever your demands are, all instruments are precisely and clearly recorded to your stated & implied requirements. Our Quality Assurance Department has developed and documented standard operating procedures, standing work instructions, quality plans, & standard device master records. Our Research and Development (R&D) department is busy in designing the instruments as per the requirements of market and quality assurance standards; all specification, measurements and other data are registered in log books for Quality Assurance and other quality systems.





## The Era of Craftsmanship

#### **FIRST GENERATION**

#### 1922

Our two forefathers joined hands and initiated to make Sword and Draggers for Royal Army. They were very skilled in Forging, filling and masters in Polishing and Sharpening.

#### 1928

After the First World War, they started to manufacture SCALPEL and SCISSORS and did the job up to the complete satisfaction. The Dean of Mission Hospital Sialkot, encouraged to add some more Surgical Instruments in their production range.

#### 1930

During early 1928, the other sons joined hands with their fathers and become a good team with enthusiasm. They worked hard and added some Haemostatic Artery Forceps, increasingly supply of the Surgical Instruments to other Hospitals in the territory as well.

#### 1938

During the Second World War, they got a boost to include a substantial range of instruments to feed back the supply to the Royal Army.



H. Mehar Din The Founder

## The Era of Technology

#### SECOND GENERATION

#### 1940

Mr. M. Abdullah established a sole proprietor ship company under the title of **TOWNE BROTHERS** for the production and supply of Surgical and Dental Instruments. He made a team of selected artisans and worked hard for the enrichment and expansion of the business with due enthusiasm. A target had been set by him to achieve a reputation in the international market to accomplish his ideas, with a hope that the next generation may grow further and could be able to introduce the skill and quality of the products.



H. M. Abdullah The Renaissance



M. RAFIQUE, Chairman

#### THIRD GENERATION

#### 1960

Mr. M. Rafique joined with his father and successfully expanded the export market to South Africa and England.

#### 1961

Mr. M. Rafique became the Chairman of the Company and made extensive tours to Europe and established personal contacts with the buyers and enhanced sales volume and set-up the new avenues for export.

#### 1980

Mr. A. Ghafoor Rafique and Mr, Shahid Rafique both the elder sons joined the company as Partners.

#### 1985

The younger sons Mr. Zahid Rafique, Mr. Irfan Rafique and Mr. Imran Rafique, inducted as new Directors and company formulated as a private Limited company, hence became as TOWNE BROTHERS (PVT) LTD.

#### 1994

TOWNE was the first Pakistani Company to comply with the requirements of cGMP of FDA's at Sialkot.

#### 1996

TOWNE was the pioneer in achieving the certification of ISO-9002 as a manufacturer and exporter of Surgical & Dental Instruments in Pakistan. TOWNE also attained CE marking, which provides that the products manufactured are complying with EU directives.

#### 2000

TOWNE up-graded the international standards and obtained the following certifications: ISO-9001, EN-46001, ISO-13485 & SA-8000, with a great innovation and dedication.

## Steps Towards Success



A. GHAFOOR RAFIQUE Managing Director (C.E.O.)



SHAHID RAFIQUE Director Production



ZAHID RAFIQUE Director Exports



IRFAN RAFIQUE Director QA



IMRAN RAFIQUE Director QA

### Focus on the future:

#### **OUR CORPORATE GOAL**

The World is shrinking, and in response, we are growing. With our staff, workforce, customers and our patrons, by extending our product range, methods, which is evident through our presence across the globe. We find solutions for particular application problems throughout the world. We will gladly develop with you, refining ourselves to the standards you would expect from TOWNE.



#### **OUR COMMITMENT IS TO:**

- Rise to the challenge of particular demanding standards.
- Development and manufacturing from samples or drawings.
- · Selection of appropriate materials.
- Mechanical & Chemical properties are carefully maintained through Boil test, Copper-sulfate test to characterize the material to indicate corrosion.
- Passivation and other Chemical treatment are carried out to prevent from discoloration or rust.
- Technical drawings with measurements for all instruments.









## QUALITY, VERIFIED AND CERTIFIED BY INTERNATIONAL STANDARDS

Surgical and Dental Instruments are designed and manufactured according to customer's stated and implied specifications



ISO 9001 Quality Systems Model for quality assurance in design development, production, installation and servicing.





**EN 46001** Have been assessed and registered as meeting the requirements of EN 46001 and ISO 13485 and ISO 13485



TOWNE have the confidence that our Company's ethical policy is effective. The Social Accountability standard (SA 8000) which ensure the ethical sourcing for production of goods and services. It sets the basic requirements and procedures regarding health and safety, the use of child labor, trade union rights. collective bargaining, remuneration and working hours, together with the management systems.

TOWNE is the pioneer to achieve SA 8000 certification in Pakistan, as well as the FIRST manufacturer of SURGICAL / DENTAL instrument in the World.

The CE mark provides you with the assurance that the product comply with the applicable EU directives.

**cGMP** TOWNE was the first company in Sialkot, to comply with the requirement of FDA's, during 1994.

CE



Certificate Number

Q51815

This is to certify that the Quality Management systems of

## Towne Brothers (Private) Limited Sialkot Pakistan

have been assessed and registered as meeting the requirements of ISO 9001

The scope of registration is detailed on the Assessment Schedule bearing this certificate number.

SGS Yarsley International Certification Services Signed by



21 August 2000

21 August 2000

Original registration date

Certificate issue date

This certificate remains valid subject to satisfactory maintenance of the system for 4 years from the above certificate issue date.

SGS Yarsley International Certification Services is a division of SGS United Kingdom Ltd. Registered in England No. 1193985 Registered Office. SGS House, 217/221 London Road, Camberley, Surrey GU15 3EY, United Kingdom. U K A S OCIALITY MANAGEMENT

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Whist all due care and skill was succised in carrying out this assessment, SGS Yarslay ICS accepts responsibility only far proven gross negligence. This is not a legal document and connot be used as such. The use of the Accreditation merk shown on this sertificate indicates accreditation in the respect of these activities covered by the Accreditation Authority. This certificate is an accredited certificate issued under the accredited accept granted to SGS Yarslay ICS by UKAS, Registration No. DGs. This certificate remains the property of SGS Yarslay ICS to whom if must be returned on respect.



Certificate Number

M51814

This is to certify that the Quality Management systems of

## Towne Brothers (Private) Limited Sialkot Pakistan

have been assessed and registered as meeting the requirements of EN 46001 and ISO 13485

The scope of registration is detailed on the Assessment Schedule bearing this certificate number.

SGS Yarsley International Certification Services Signed by



21 August 2000

21 August 2000

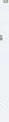
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005







# SGS International Certification Services

Certificate Number

## S18273

This is to certify that the Social Accountability Management systems of

Towne Brothers (Private) Ltd. 52-B; Small Industrial Estate Sialkot 51340, Pakistan

have been assessed and registered as meeting the requirements of SA 8000

The scope of registration is detailed on the Assessment Schedule bearing this certificate number.

SGS International Certification Services Signed by

21 July 2000

21 July 2000

Original registration date

Certificate issue date

This certificate remains valid subject to satisfactory maintenance of the system for 4 years from the above certificate issue date.

Registered Office: SGS International Certification Services SGS House, 217/221 London Road, Camberley, Surrey GU15 3EY, United Kingdom.

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# **ORTHODONTIC**

# Instruments





Towne Brothers (Pvt) Ltd.

The Choice of Professionals-since 1940

# PREMIUM QUALITY

## With Distinctive Box Lock



TOWNE

ORTHODONTIC INSTRUMENTS

#### PREMIUM QUALITY



#### 200-101

#### LIGATURE CUTTERS. Straight.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting capacity .016"





#### 200-113

#### LIGATURE CUTTERS. (MINI)

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting capacity .015"





#### 200-117

#### HARD-WIRE CUTTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Straight heavy duty archwire cutter.
- Cutting capacity .022 x .028"





#### 200-120

#### STANDARD SAFETY DISTAL END CUTTER.

#### 200-121

#### MINI SAFETY DISTAL END CUTTER.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting capacity .022 x .028"







PREMIUM QUALITY

#### 200-124

#### LIGATURE CUTTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Angled to 45°
- Cutting capacity .012"





#### 200-128 **TWEED LOOP PLIERS**

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Omega Loop Bending Pliers, Replaceable tip.
- Hold Wires .022 x .028"

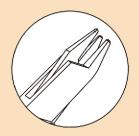




#### 200-130 THREE PRONG PLIERS.

#### • Stainless Steel AISI 420 grade forged.

- Tungsten Carbide / Hard Steel T-15 inserts. · Available in Medium and Fine Tips.





#### 200-132

#### **DEBONDING PLIERS & ADHESIVE SCALERS.**

- Stainless Steel AISI 420 grade forged.Tungsten Carbide / Hard Steel T-15 inserts.
- · Anterior Bonding Pliers.





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# ORTHODONTIC INSTRUMENTS PREMIUM QUALITY



#### 200-139

#### RETAINER PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Hawley pliers three in one type.
- .028" Hold wires upto





## 200-142 CRIMPABLE HOOK PLIERS.

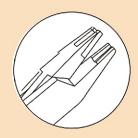
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Placement plier.





#### 200-144 STOP PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- To form 1mm high V bend.
- . Hold wire upto .025"





#### 200-148 BIRD BEAK PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- For retainer and clasp bending.
- Hold wire upto .030"







PREMIUM QUALITY

#### 200-155

#### **AUXILIARY PLIERS.**

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- For inserting and adjustment.





#### 200-157

#### ARCH CONTOURING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Smooth beaks.
- Hold wire upto .036"





#### 200-158

#### ARCH CONTOURING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Grooved beaks.
- . Hold wire upto .030"





#### 200-162

#### TWEED ARCH PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Thin paralled jaws.
- Hold wire upto .028"





## **ORTHODONTIC INSTRUMENTS** PREMIUM QUALITY



#### 200-165

#### ARCH BAR PLACING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Palatal type.





#### 200-166

#### LIGHT WIRE PLIERS.

- Stainless Steel AISI 420 grade forged.Tungsten Carbide / Hard Steel T-15 inserts.
- With three grooves.
- Hold wire upto .022"





#### 200-168

#### LIGHT WIRE PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Without grooves.
- . Hold wire upto .022"





#### 200-169

#### LIGHT WIRE PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · With two grooves.
- Hold wire upto .022"







PREMIUM QUALITY

#### 200-180

#### WEINGART PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Hold wire upto .028"





#### 200-185

#### **HOW PLIERS STRAIGHT.**

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Hold wire upto .028"

#### 200-186 HOW PLIERS Curved.





#### 200-187

#### JARABAK PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Hold wire upto .022"





#### 200-190

#### LIGHT WIRE BENDING & CUTTING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Grooved beaks.
- · Cutter at the base of beaks.





#### PREMIUM QUALITY

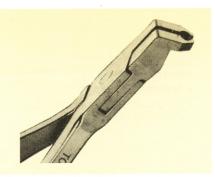


#### 200-195

#### DEBONDING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Narrow angled jaws.





#### 200-196

#### STEP PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Hold wire upto .022 x .028"





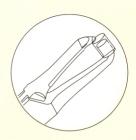
#### 200-198

#### POSTERIOR BAND REMOVING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Medium jaws and inserted tip.

200-199

REPLACEMENT PAD.





#### 200-201

#### LOOP DIRECTING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Turbyfill pliers.







PREMIUM QUALITY

#### 200-203 BIRD BEAK PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Hold wire upto .032"





#### 200-204 BIRD BEAK PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Serrated tips.
- Hold wire upto .030"





#### 200-206 BIRD BEAK PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Medium tips serrated.
- Hold wire upto .032"





#### 200-210

#### HAWLEY RETAINER PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Three in one Pliers.
- Hold wire upto .030"





# **ELITE QUALITY**

## With Allen Wrench and Screw Joint





ORTHODONTIC INSTRUMENTS

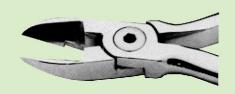
# ORTHODONTIC INSTRUMENTS ELITE QUALITY



#### 300-100

#### HARD WIRE CUTTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting point angled 15°
- Cutting capacity hard wire upto .020"



#### 300-104

#### PIN & LIGATURE CUTTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- .015" Cutting capacity soft wire upto



#### 300-105

#### PIN & LIGATURE CUTTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting capacity soft wire upto .015"



#### 300-110

#### FINE WIRE CUTTERS.

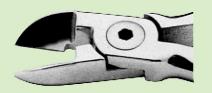
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting point angled 15°
- Cutting capacity soft wire upto .015"



#### 300-115

#### WIRE CUTTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting capacity archwire upto .022 x .028"





**ELITE QUALITY** 

#### 300-118

#### MINIATURE LIGHT WIRE CUTTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting capacity soft ligature wire upto .012"



#### 300-120

#### LIGATURE CUTTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting point angled 45°
- Cutting capacity. Ligature wire upto .015"



#### 300-122

#### LIGATURE CUTTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Dished Nose.
- Cutting capacity. Hard wire upto .015"



#### 300-128

#### LIGHT WIRE CUTTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Miniature cutter with Stop Screw.
- Cutting capacity. Soft wire upto .012"



#### 300-130

#### BAND SLITTERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting capacity. Soft wire upto .015"



# ORTHODONTIC INSTRUMENTS ELITE QUALITY



#### 300-135

#### **DISTAL END CUTTERS.(Sefety Hold)**

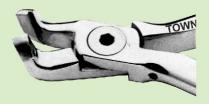
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Small head.
- Cutting capacity. Hard wire upto .015"



#### 300-136

#### **DISTAL END CUTTERS.(Sefety Hold)**

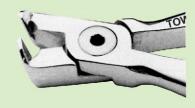
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Long handles.
- Cutting capacity. Hard wire upto .020"



#### 300-137

#### DISTAL END CUTTERS.(Non Hold)

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting capacity. Archwire upto .022 x .028"



#### 300-138

#### **DISTAL END CUTTERS.(Sefety Hold)**

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cutting capacity. Hard wire upto .022 x .028"



#### 300-157

#### CINCH BACK PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Serrated tips.





**ELITE QUALITY** 

#### 300-160

#### UTILITY PLIERS. (HOW STYLE)

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Serrated tips 3/32" diameter.
- 45° Offset angle.



#### 300-162

#### UTILITY PLIERS. (HOW STYLE)

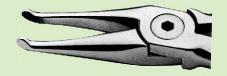
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Small serrated tips 3/32" diameter.



#### 300-163

#### UTILITY PLIERS. (HOW STYLE)

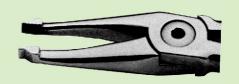
- Stainless Steel AISI 420 grade forged.
  Tungsten Carbide / Hard Steel T-15 inserts.
- Large serrated tips 1/8" diameter.



#### 300-170

#### BAND SEATING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Square tips.



#### 300-173

#### LINGUAL ARCH REMOVERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Serrated grooves.



## **ORTHODONTIC INSTRUMENTS ELITE QUALITY**



#### 300-175

#### THREE JAWS PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Gradually tapered tips.



#### 300-178

- UTILITY PLIERS. ( Weingart type )
   Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Serrated tips. Angled 45°



#### 300-179

#### UTILITY PLIERS. (Weingart type)

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Serrated tips.



#### 300-180

#### UTILITY PLIERS. (Weingart type)

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Slim serrated tips Curved.



#### 300-182

#### ARCH PLIERS. (Palatal Type)

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Serrated grooves.





**ELITE QUALITY** 

#### 300-187

#### LIGHT WIRE PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Pyramid beak with grooves.



#### 300-188

#### LIGHT WIRE PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Cone beak gradually tapered.



#### 300-190

#### BIRD BEAK PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Cone beak gradually tapered, slightly long.



#### 300-191

#### **BIRD BEAK PLIERS.**

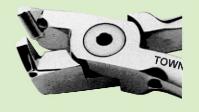
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Serrated grooves.



#### 300-200

#### DETAILING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.



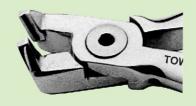
# ORTHODONTIC INSTRUMENTS ELITE QUALITY



#### 300-202

#### DETAILING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.



#### 300-210

#### LIGHT WIRE PLIERS. ( Begg type )

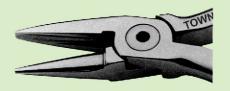
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Symmetrical loop bending pliers.



#### 300-218

#### WIRE CONTOURING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Thin concave beaks.



#### 300-221 JARABAK PLIERS.

#### Stainless Steel AISI 420 grade forged.

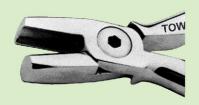
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Grooved beaks, flat tips.



#### 300-225

#### WIRE CONTOURING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Grooved beaks, flat tips.



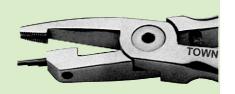


**ELITE QUALITY** 

#### 300-230

#### LOOP FORMING PLIERS.

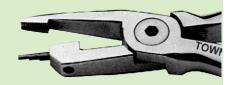
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Tweed Style, Cylindrical beaks. Three sections.
- Replaceable Tips.



#### 300-233

#### OMEGA LOOP FORMING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Tweed Style, Round beaks. Three sections.



#### 300-236

#### ROSE TORQUING PLIERS.

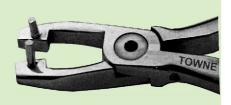
- Stainless Steel AISI 420 grade forged.Tungsten Carbide / Hard Steel T-15 inserts.



#### 300-240

#### MARKING PLIERS.

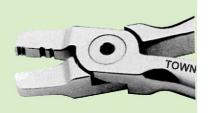
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Kelly Type.



#### 300-245

#### LINGUAL ARCH FORMING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.



# ORTHODONTIC INSTRUMENTS ELITE QUALITY



#### 300-250

#### CRIMPING PLIERS. SURGICAL HOOK

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.



#### 300-252

#### CRIMPING PLIERS. SURGICAL HOOK

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.



#### 300-255

#### ARCH FORMING PLIERS. Rectangular.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Tweed Style, Short Tips.



#### 300-257

#### ARCH FORMING PLIERS. Rectangular.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Tweed Style, Long Tips.



#### 300-238

#### ROSE TORQUING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.



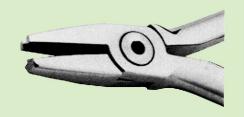


**ELITE QUALITY** 

#### 300-258

#### ARCHWIRE FORMING PLIERS.

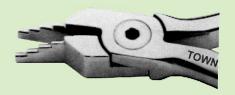
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Loop Forming. Beveled serrated, 4 steps.



#### 300-260

#### NANCE LOOP FORMING PLIERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.



#### 300-262

#### DIRECT BOND BRACKET REMOVERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Wide tips.



#### 300-265

#### DIRECT BOND BRACKET REMOVERS.

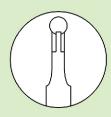
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Wide with replaceable tips.



#### 300-266

#### DIRECT BOND BRACKET REMOVERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Narrow with replaceable pad.





# ORTHODONTIC INSTRUMENTS ELITE QUALITY



#### 300-267

#### DIRECT BAND ATTACHMENT REMOVERS.

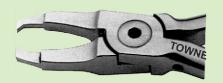
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Angled for easy access.



#### 300-269

#### DIRECT BOND BRACKET REMOVERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.



#### 300-270

#### DIRECT BOND BRACKET REMOVERS.

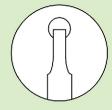
- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- · Narrow with replaceable tips.

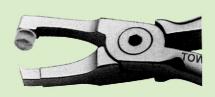


#### 300-271

#### DIRECT BOND BRACKET REMOVERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Wide tip with replaceable pad...

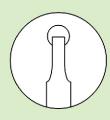




#### 300-273

#### DIRECT BOND BRACKET REMOVERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Sharp interchangeable tip, with wide pad
- replaceable.





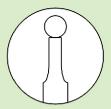


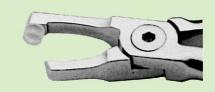
**ELITE QUALITY** 

#### 300-280

#### POSTERIOR BAND REMOVERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Replaceable pads.

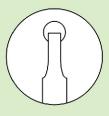




#### 300-281

#### POSTERIOR BAND REMOVERS.

- Stainless Steel AISI 420 grade forged.
- Tungsten Carbide / Hard Steel T-15 inserts.
- Replaceable pads.





#### 300-290

#### STEINER LIGATURE TYING PLIERS.

- Stainless Steel AISI 420 grade forged.
- With spring action.



#### 300-292

#### LIGATURE TYING PLIERS.

- Stainless Steel AISI 420 grade forged.
- With spring action.



#### 300-295

#### MODULE SEPARATORS.

- Stainless Steel AISI 420 grade forged.
- With spring action.



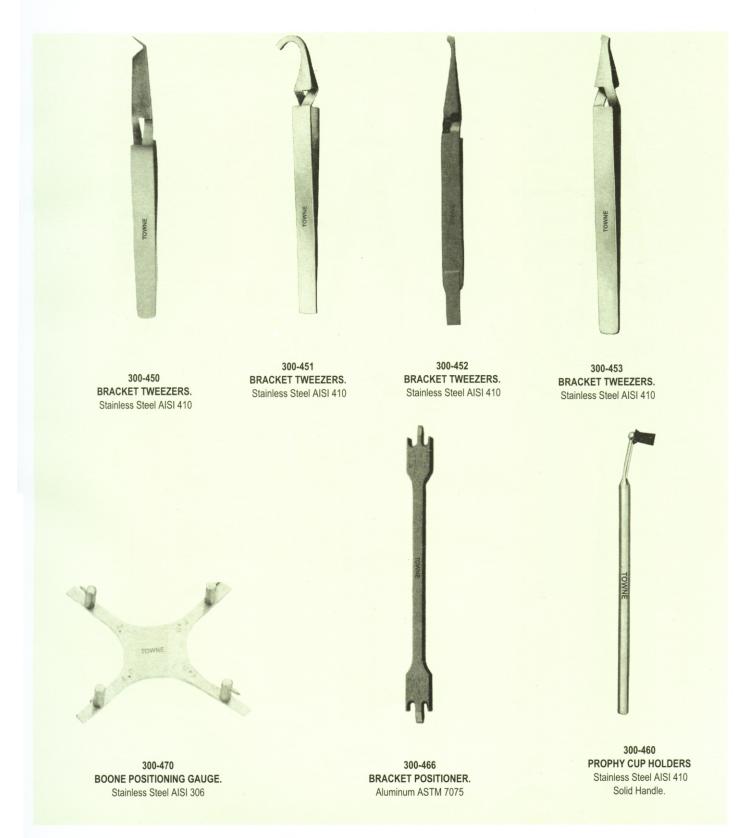
















300-475 BOW DRIVERS. Stainless Steel AISI 410



300-482 DENTAL RULERS. Stainless Steel AISI 410 Wedge Shape.



300-476 BOW DRIVERS. Stainless Steel AISI 410



300-483 DENTAL RULERS. Stainless Steel AISI 304.



300-480
BEERENDONK
DENTAL RULERS.
Stainless Steel AISI 410
with long tips.



300-484
BERNKLAU DENTAL RULERS.
Stainless Steel AISI 410

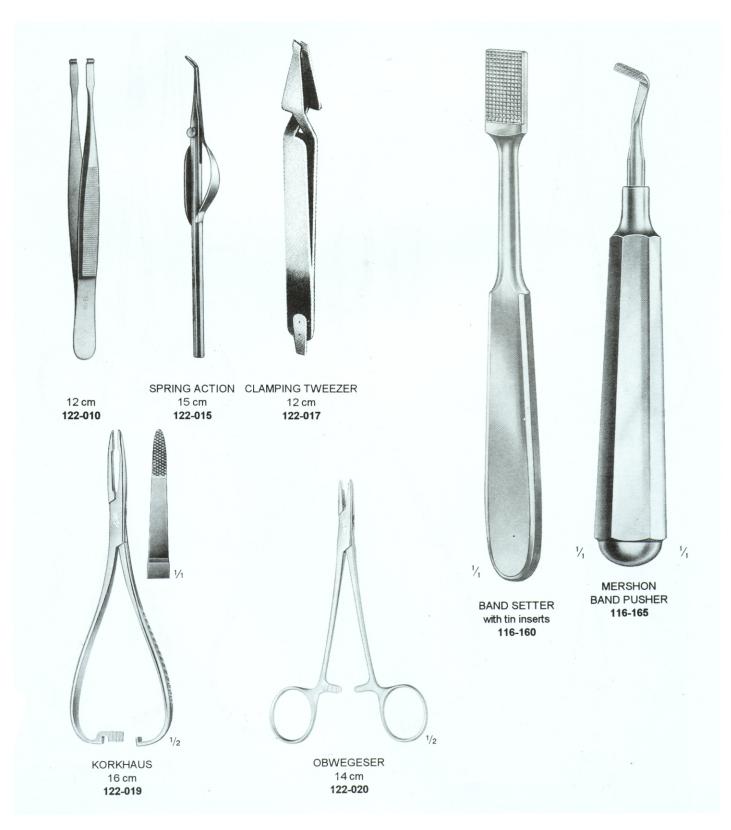
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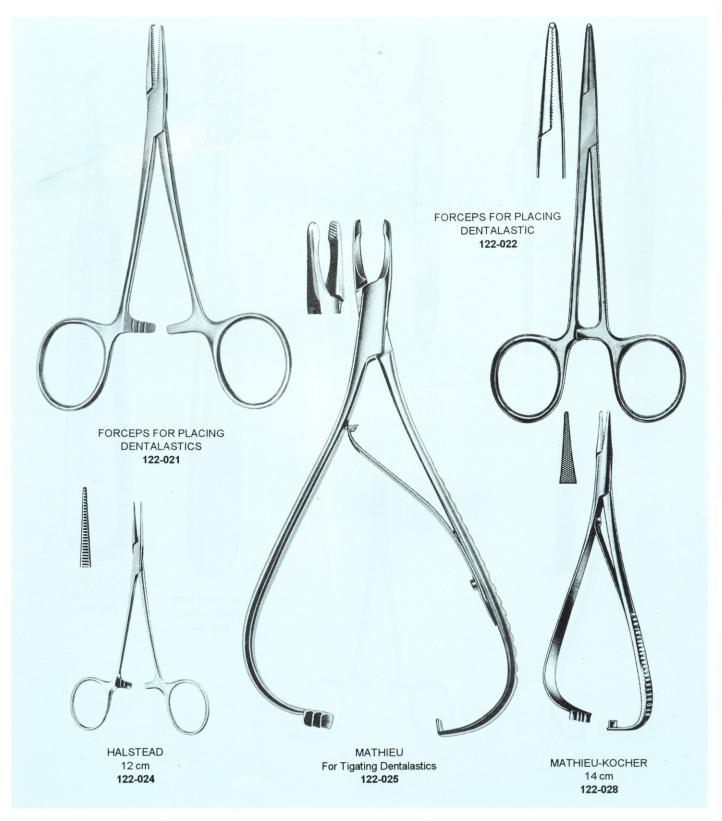


ORTHODONTIC INSTRUMENTS

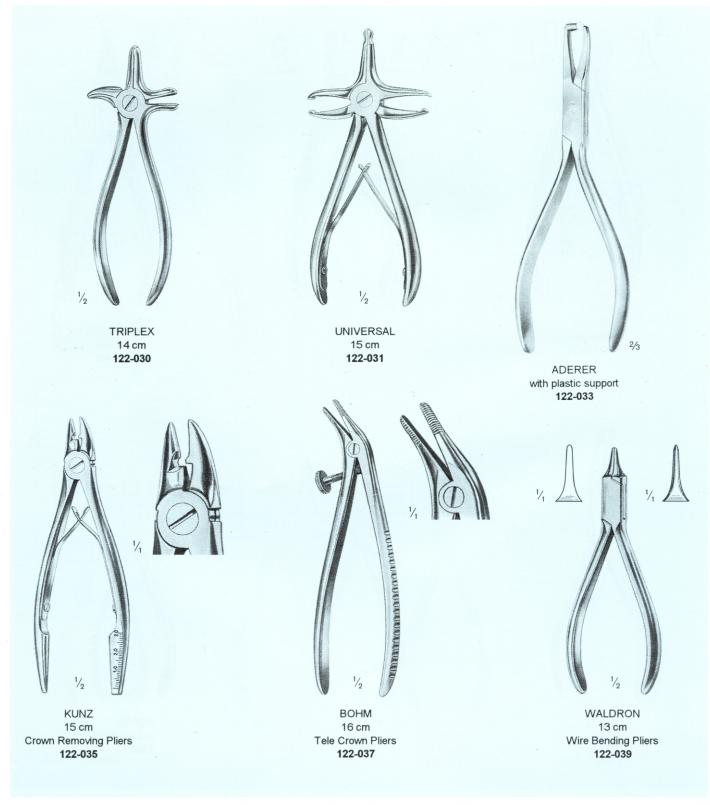




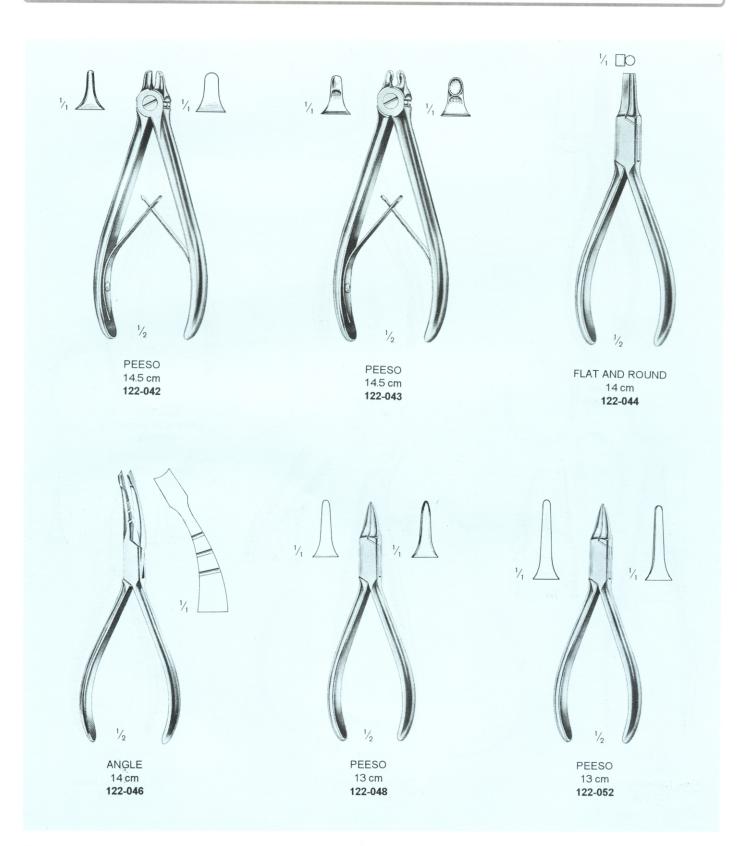




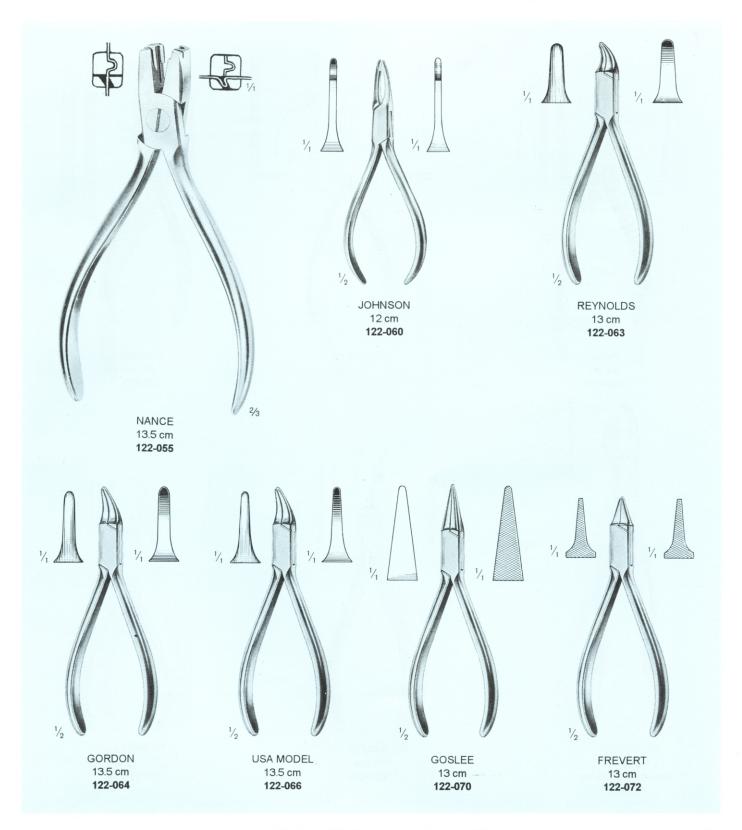




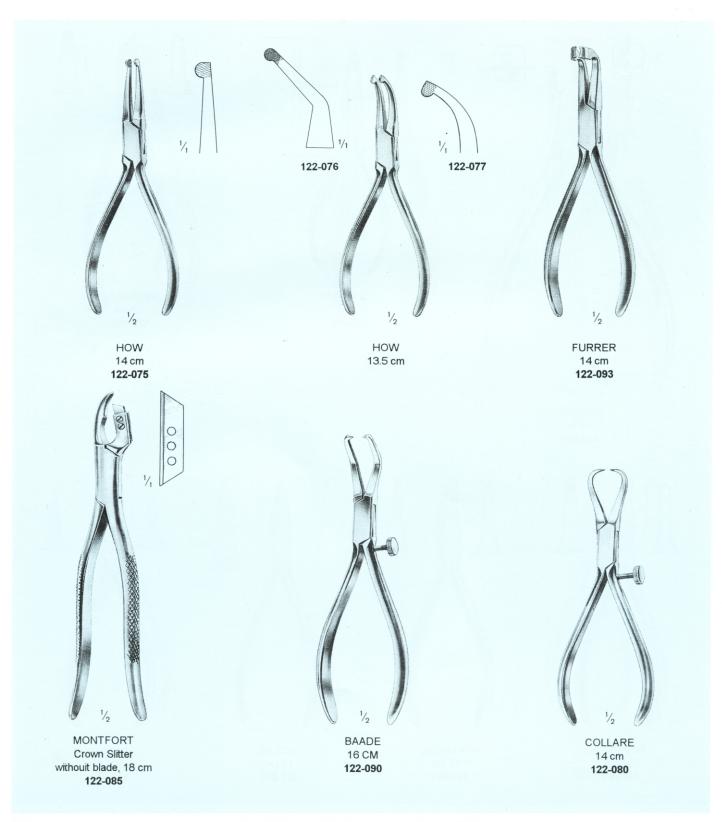




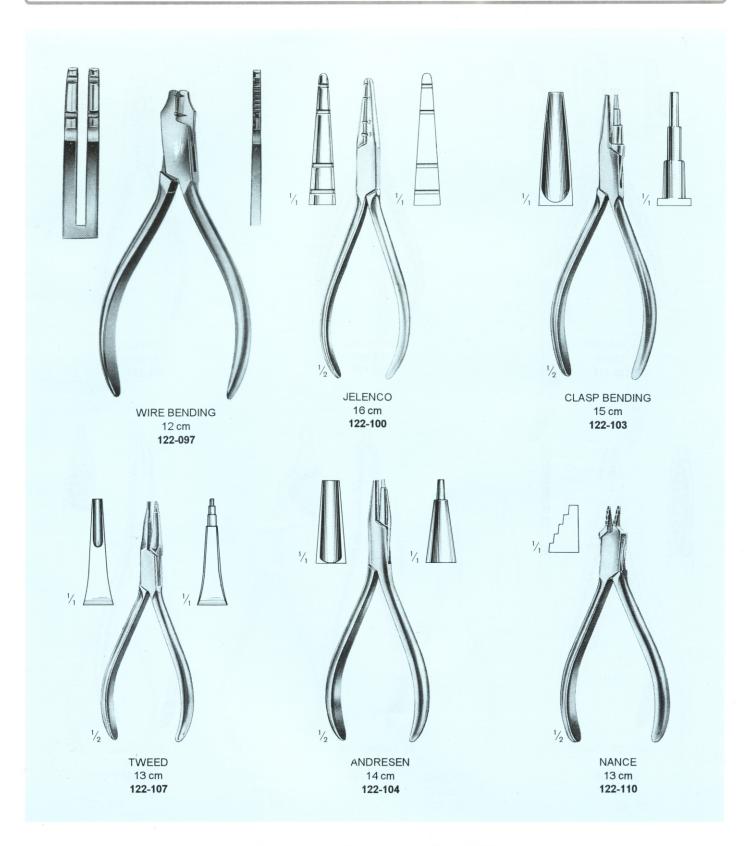




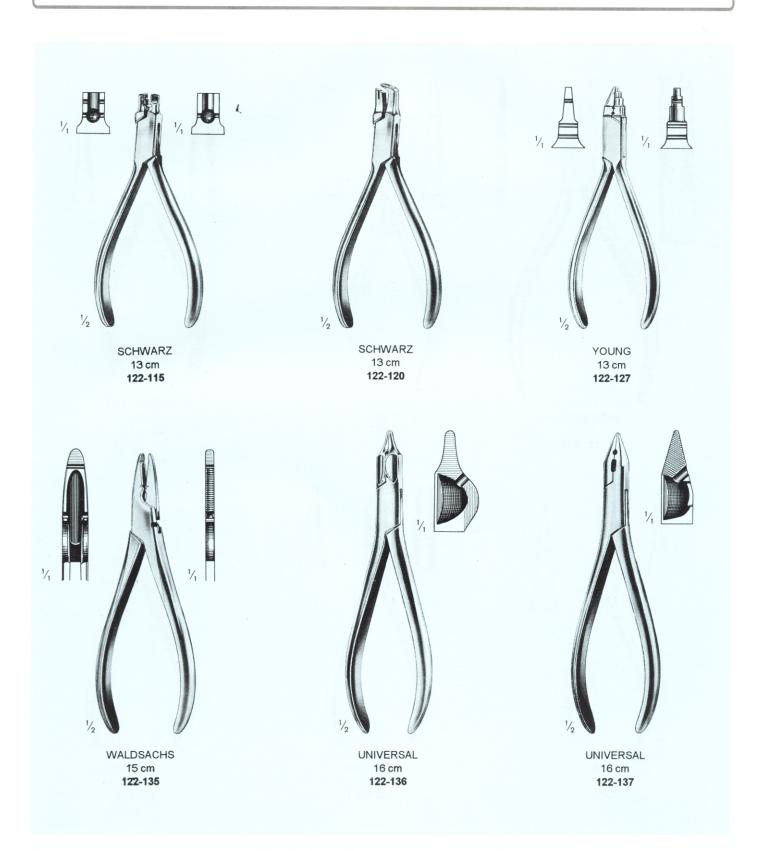




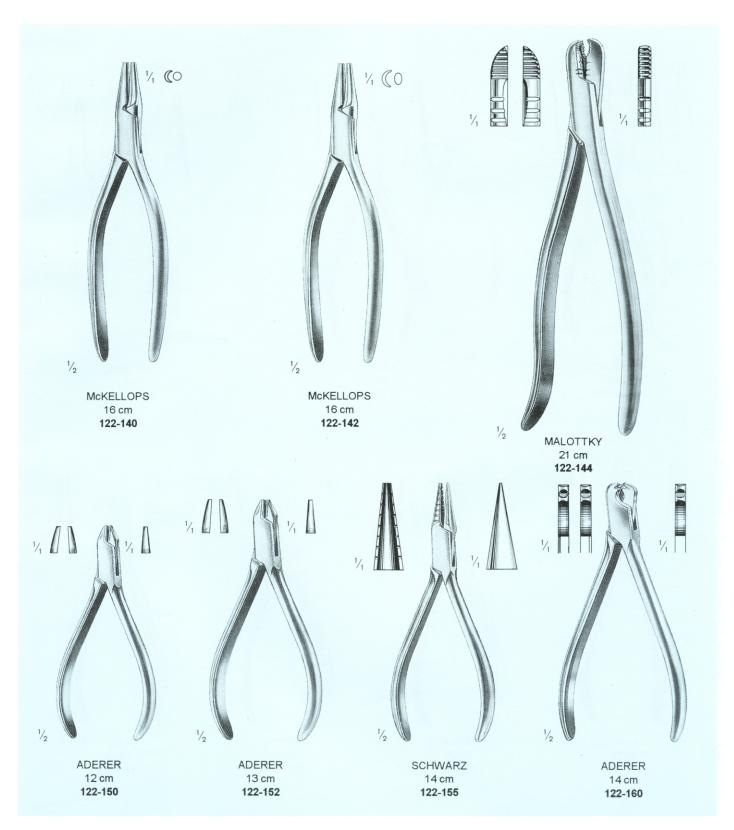




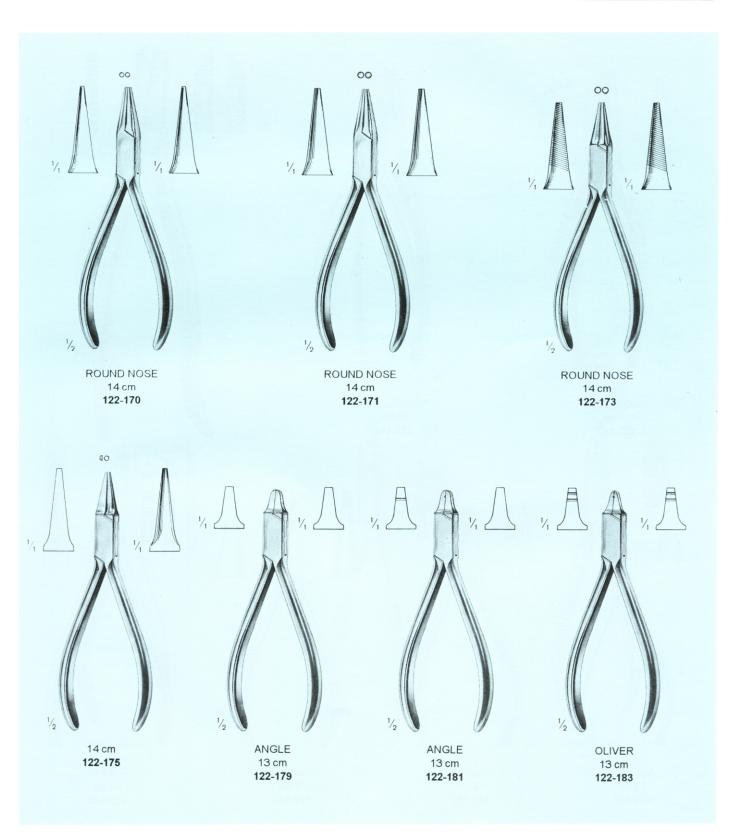




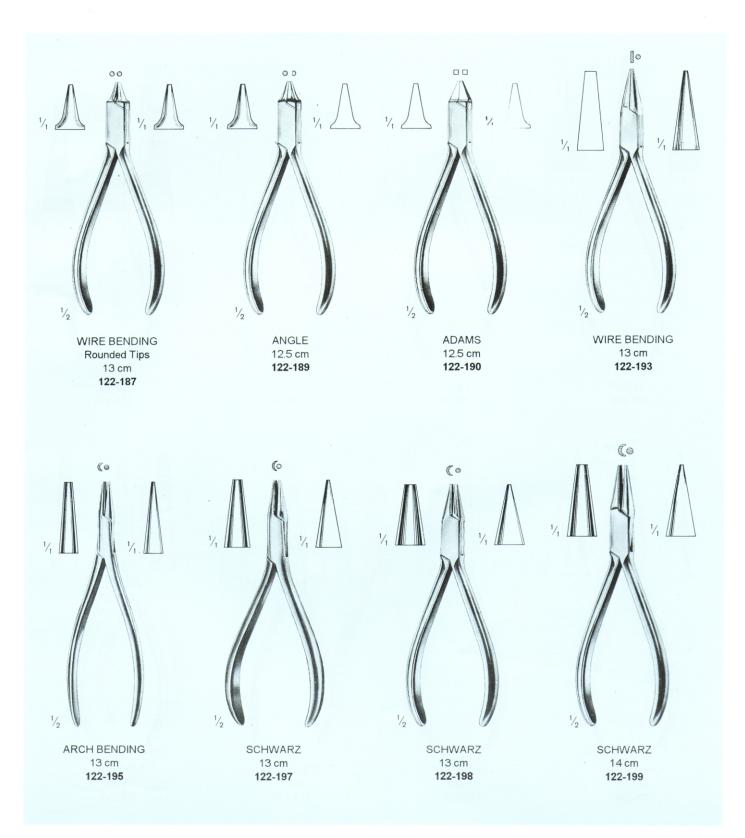




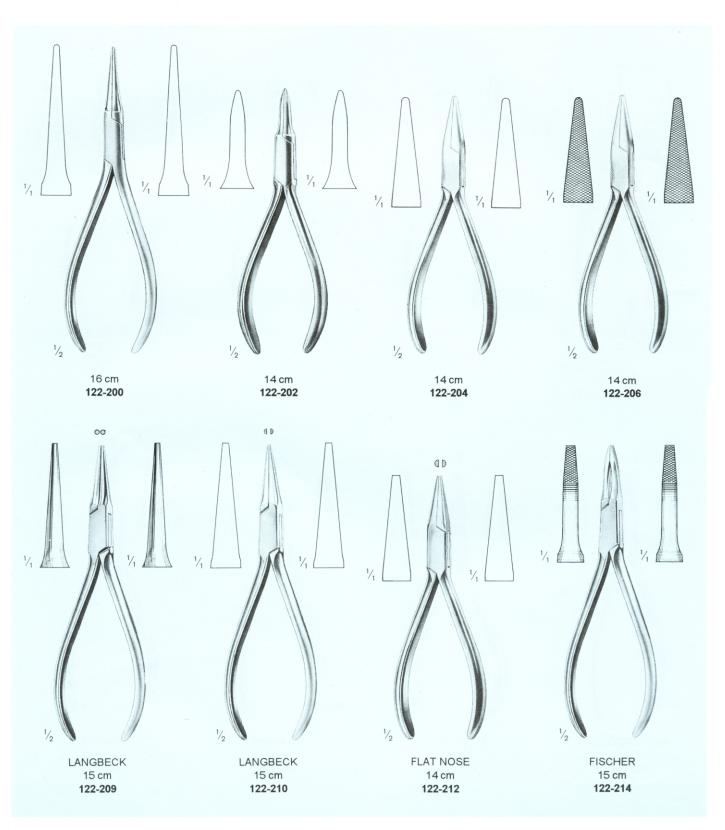




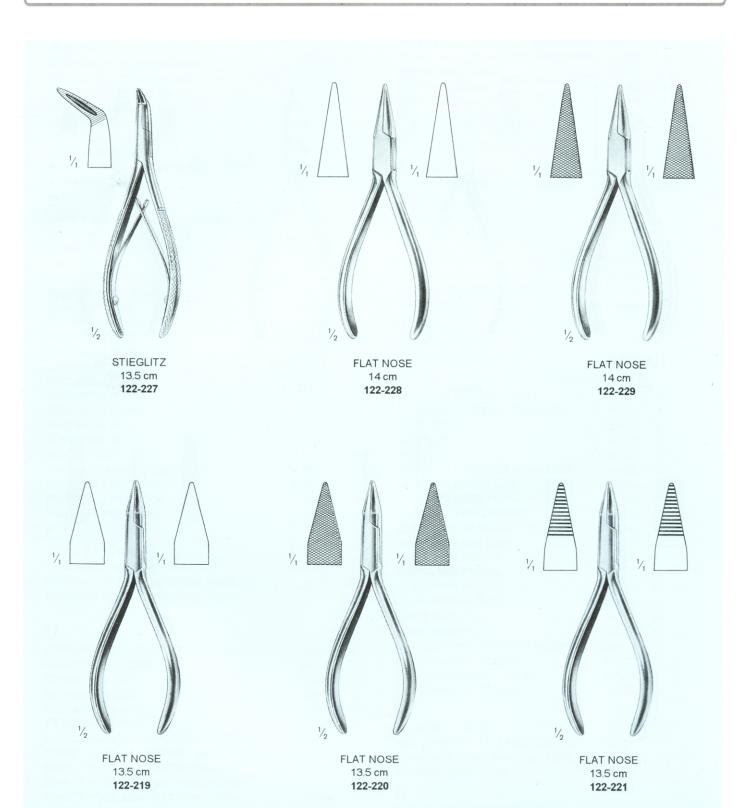




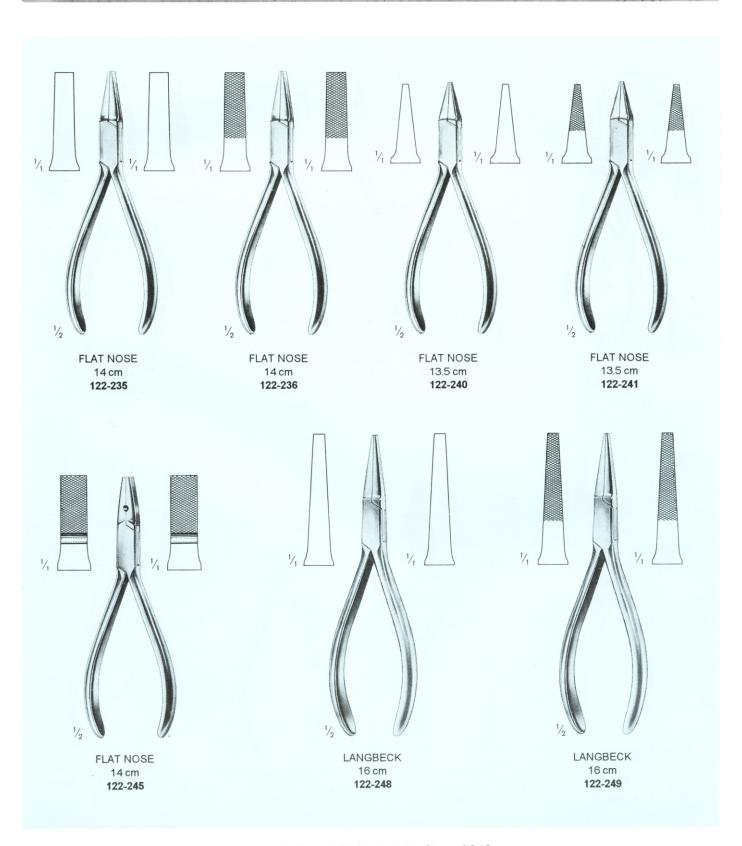












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### **Our Achievements in Surgical & Dental Instruments**













cGMP







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