

TRUEWIN  
INDUSTRIES

## Truewin Maxiofacial Surgery Instruments

A Bard-Parker handle with a No. 15 blade is the usual scalpel used to make incisions on the gums where a flap can be raised to gain access to tooth.

### Retractors

Tongue, cheek and flap retractors are needed to provide adequate access to the tooth and are legion in number.

### Needle Holders and Sutures

Sutures are used to replace and secure the gum flap in its former position, to limit the size of the wound and therefore restrict subsequent contamination with food debris, and to assist in controlling bleeding.

The usual suture size for intra-oral work is 4/0 and the material may be absorbable or non-absorbable

### Scissors

Dissecting scissors and suture-cutting scissors are usually used.

### Artery Forceps

These are designed to hold soft tissue without damaging it.

College tweezers are used to lift up sutures prior to removing them.

### Periosteal Elevators

A number are available and are similarly used like a normal elevator but periosteal elevators have two heads – one at each end.

One end is sharp-tipped to expand the tooth socket while the other has a blunt end to remove granulation tissues or raise a gum flap.

### Chisels and Mallet

Chisels are more appropriate in the operating theatre and are particularly useful for disto-angular third molars and upper wisdom teeth extraction.

### Bone Curettes

The Mitchells trimmer is probably the most valuable instrument in the category and is used to remove granulation tissue in the tooth socket.

### Bone Ronguer and Bone File

Used to smoothen any sharp bone edges after tooth extraction is done.

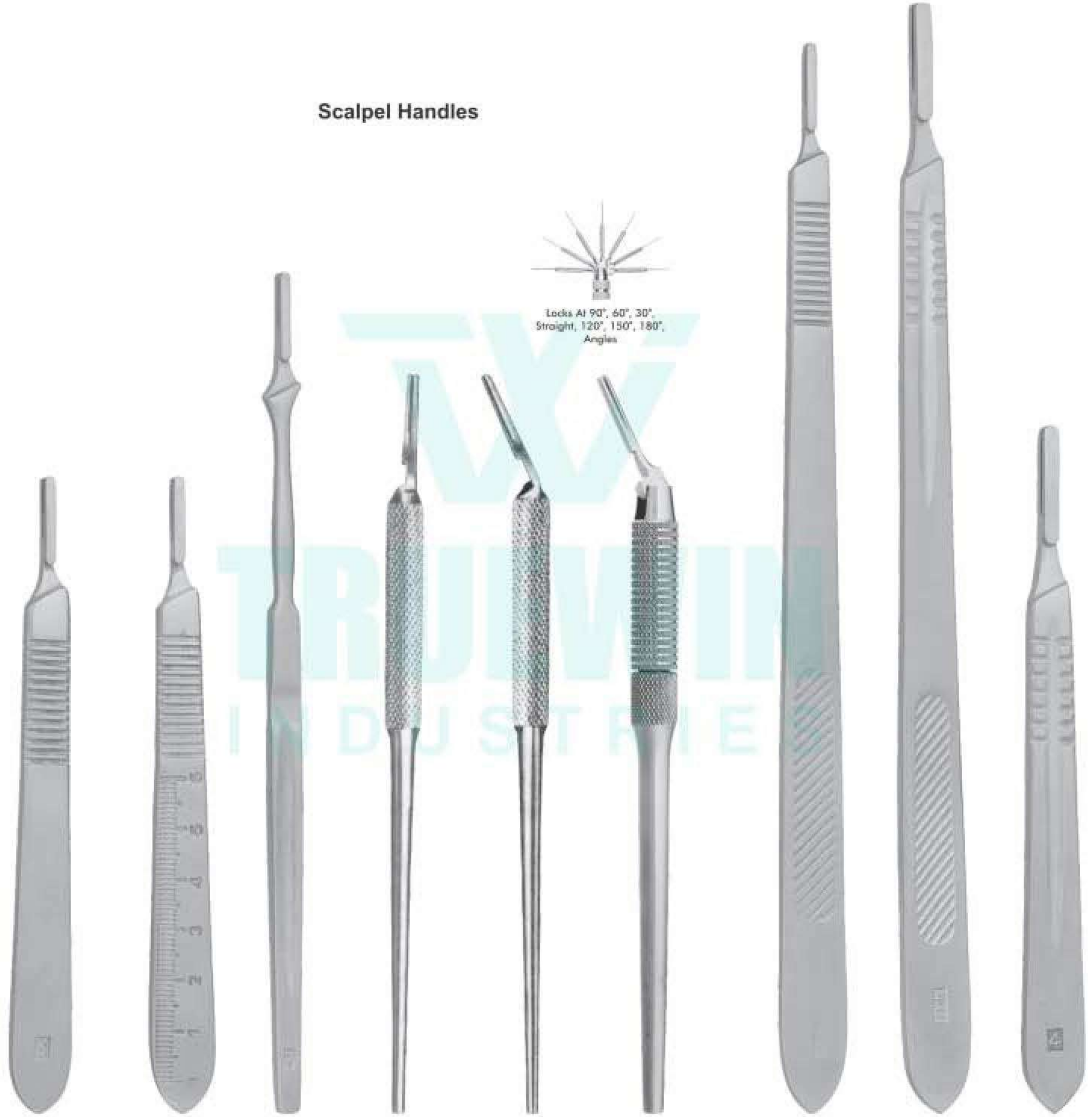


# SCALPEL HANDLES



- Ручки для скальпелей
  - Manches de bistouris
  - Skalpellgriffe
- Ручки для скальпелів
  - Mangos de bisturi
  - مشرط مقابض

## Scalpel Handles



**TW4-01**  
Fig. 3  
125mm

**TW4-02**  
Fig. 3  
125mm

**TW4-03**  
Fig. 7  
165mm

**TW4-04**  
Fig. 5  
145mm

**TW4-05**  
Fig. 5A  
145mm

**TW4-06**  
6 Way Adjustable  
Angled  
Scalpel Handle

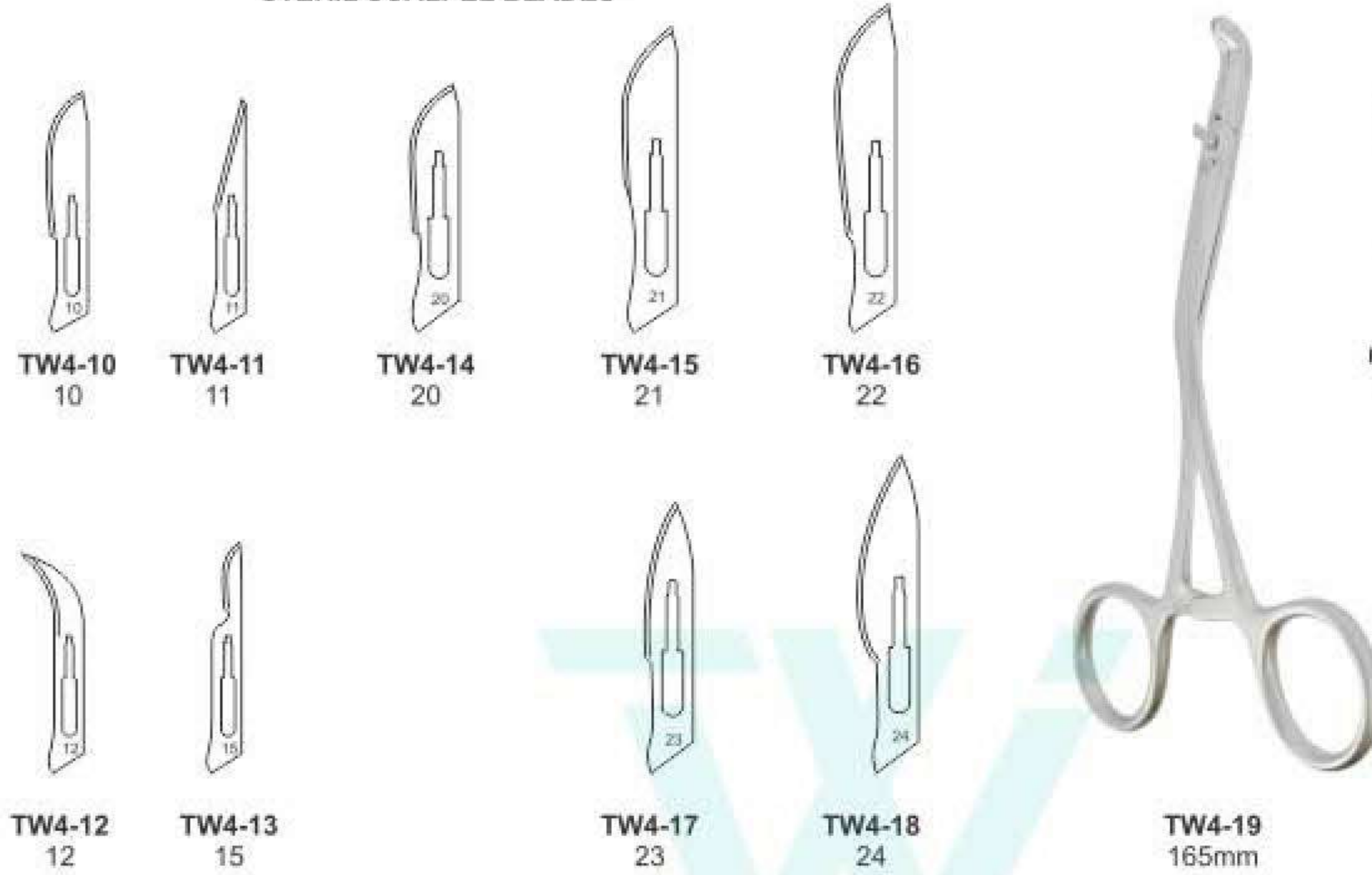
**TW4-07**  
Fig. 3L  
210mm

**TW4-08**  
Fig. 4L  
218mm

**TW4-09**  
Fig. 4  
135mm

- Ножи для скальпеля и скальпеля
- Scalpel Blade & Scalpel Knives
- Scalpel Blade & Scalpel Messer
- Ножі скальпельного леза та скальпеля
- Cuchillos de Escalpel y Escalpel
- مشرط شفرة و مشرط المسككين

## STERIL SCALPEL BLADES



## SCALPEL KNIVES



# SCALPEL KNIVES



- Скальпельные ножи
  - Couteaux à scalpel
  - Skalpellmesser
- Ножи скальпеля
  - Cuchillos Scalpel
  - سكاكين مشرط



**TW4-28**  
Fig. 1  
160mm, 6 1/4"



**TW4-29**  
Fig. 2  
160mm, 6 1/4"



**TW4-30**  
Fig. 3  
160mm, 6 1/4"



**TW4-31**  
Fig. 4  
160mm, 6 1/4"



**TW4-32**  
Fig. 5  
160mm, 6 1/4"



**TW4-33**  
Fig. 6  
160mm, 6 1/4"



**TW4-34**  
Fig. 7  
160mm, 6 1/4"



**TW4-35**  
Fig. 8  
160mm, 6 1/4"



**TW4-36**  
Fig. 9  
160mm, 6 1/4"



**TW4-37**  
Fig. 10  
160mm, 6 1/4"

**DIEFFENBACH**  
160mm, 6 1/4"



**TW4-38**  
Fig. 15  
160mm, 6 1/4"



**TW4-39**  
Fig. 16  
160mm, 6 1/4"

- Роторасширители
- Роторозширювачі
- Ecarteurs - Ouvre-bouches
- Separadores - Abre-bocas
- Vestibulumabhalter / Mundspanner
- الكاشطات - الكمامات الفم



**TW4-40**  
HMG  
Heister  
130mm



**TW4-41**  
Mouth Gag Molt  
110mm for (Children)



**TW4-42**  
Mouth Gag Molt  
140mm for (Adults)



**TW4-43** 140mm  
**TW4-44** 180mm  
Cheek Retractor



**TW4-45** 140mm  
Cheek Retractor



**TW4-46**  
Wangen Holder  
150mm, with or without  
lip protection



**TW4-47**  
Wangen Holder  
150mm, with  
or without lip protection



**TW4-48**  
Wangen Holder  
Wangen holder with dual  
function, 170mm



**TW4-49**  
140mm

**TW4-50**  
150mm

Cheek Retractor

## RETRACTORS - MOUTH GAGS



- Роторасширители
- Роторозширювачі
- Ecarteurs - Ouvre-bouches
- Separadores - Abre-bocas
- Vestibulumabhalter / Mundspanner
- الكاشطات - الكمامات الفم



TW4-51 105mm  
TW4-52 135mm  
Weitlaner  
Fig. 1



TW4-53 105mm  
TW4-54 135mm  
Weitlaner  
Fig. 2



TW4-55  
Stainless Steel  
Double  
Ended Cheek  
Retractors



TW4-56  
Stainless Steel  
Single  
Ended Cheek  
Retractors



TW4-57 110mm  
TW4-58 130mm  
TW4-59 150mm  
Weitlander



TW4-60 110mm  
TW4-61 130mm  
TW4-62 150mm  
Jennings



TW4-63  
Denhard  
120mm



TW4-64  
Roser-Konig  
160mm



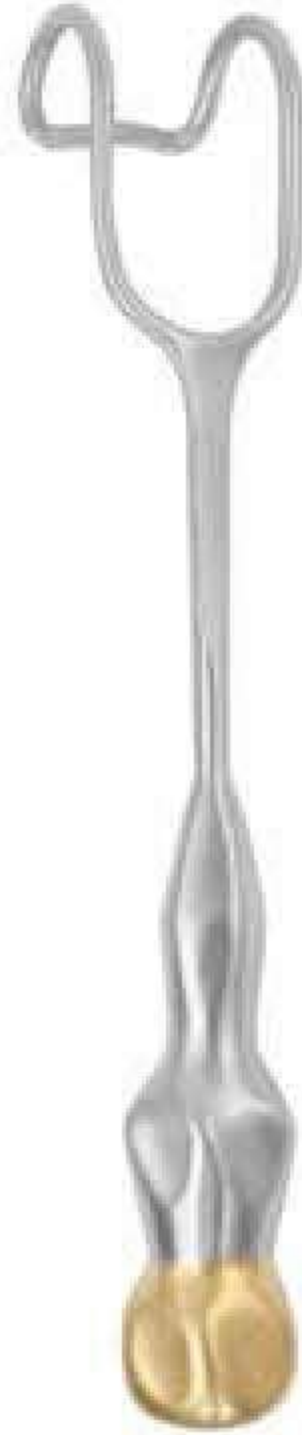
TW4-65  
Roser-Konig  
190mm

- Ранорасширители
- Ранорозширювачі
- Ecarteurs
- Separadores
- Wundhaken
- الكاشحات

## RETRACTORS



**TW4-66**  
Cheek Retractor  
Long



**TW4-67**  
Cheek Retractor  
Long



**TW4-68**  
Cheek Retractor  
Long



**TW4-69**  
Retractor with  
Ergo Grip  
240mm  
ergonomic handle



**TW4-70**  
Cheek Retractor  
Ivory  
Width adjustable  
& flexible, 200mm



**TW4-71**  
Cheek Retractor  
Tongue Depressor  
190mm



**TW4-72**  
Cheek Retractor  
Minnesota  
160mm



**TW4-73**  
Cheek Retractor  
200mm  
Easy to Bend  
by Hand



**TW4-74**  
Cheek Retractor  
Retractor and Tongue  
Pushers Bishop with  
Comfortable Margin,  
160mm



**TW4-75**  
Cheek Retractor  
Retractor Combination  
250mm



## RETRACTORS



- Ранорасширители
- Ecarteurs
- Wundhaken
- Ранорозширювачі
- Separadores
- الكاشطات



**TW4-76**  
Unique Retractor  
Length 175mm  
angled 45 °



**TW4-77**  
Unique Retractor  
Length 175mm  
angled 90°



**TW4-78**  
Retractor  
160mm



**TW4-79**  
Retractor  
190mm



**TW4-80**  
Mini-Langenbeck Retractor  
160mm, Hooks 22 mm



**TW4-81**  
Cheek Retractor  
Retractors Combination  
210mm, 2 Pcs



**TW4-82**  
Mini Retractor  
About 80mm



**TW4-83**  
Retractor  
170mm, Hooks 22 mm

- Ранорасширители
  - Ecarteurs
  - Wundhaken
- Ранорозширювачі
  - Separadores
  - الكاشطات



**TW4-84**  
Surgical-flat Retractor  
210mm, hook  
30x16 mm



**TW4-85**  
Surgical-flat Retractor  
210mm, hook  
42x11 mm



**TW4-86**  
Surgical-flat Retractor  
210mm, hook  
60x12 mm



**TW4-87** 30x11 mm  
**TW4-88** 30x16 mm  
Langenbeck Retractor  
210mm, hook



**TW4-89**  
Retractor  
210mm



**TW4-90**  
Farabeuf  
(120 X 12mm)



**TW4-91**  
Seldin Retractor



**TW4-92**  
Feldman  
Retractor  
140mm 5 1/2"

## GUM SCISSORS



- Ножницы десневые
- Ciseaux a gencivas
- Zahnfleischscheren
- Ножиці для ясен
- Tijeras para encias
- مقص صمغ



**TW4-93**  
Iris  
120mm  
Straight



**TW4-94**  
Iris  
120mm  
Curved



**TW4-95**  
Micro Iris  
90mm  
Straight



**TW4-96**  
Micro Iris  
90mm  
Curved



**TW4-97**  
Iris  
115mm  
Curved

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**TW4-98**  
Iris  
110mm  
Straight



**TW4-99**  
Iris  
110mm  
Curved



**TW4-100**  
Angular, Saw edge  
115mm



**TW4-101**  
Angular  
115mm



**TW4-102** 140mm Straight  
**TW4-103** 200mm Straight  
**TW4-104** 140mm Curved  
**TW4-105** 200mm Curved  
Metzenbaum

- Ножницы десневые
  - Ciseaux a gencives
  - Zahnfleischscheren
- Ножиці для ясен
  - Tijeras para encias
  - مقص صمغ



**TW4-106**  
Goldman-Fox  
130mm  
Saw edge,  
straight



**TW4-107**  
Goldman-Fox  
130mm  
Saw edge,  
curved



**TW4-108**  
Goldman-Fox  
130mm  
Saw edge,  
double curved

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INDUSTRIES



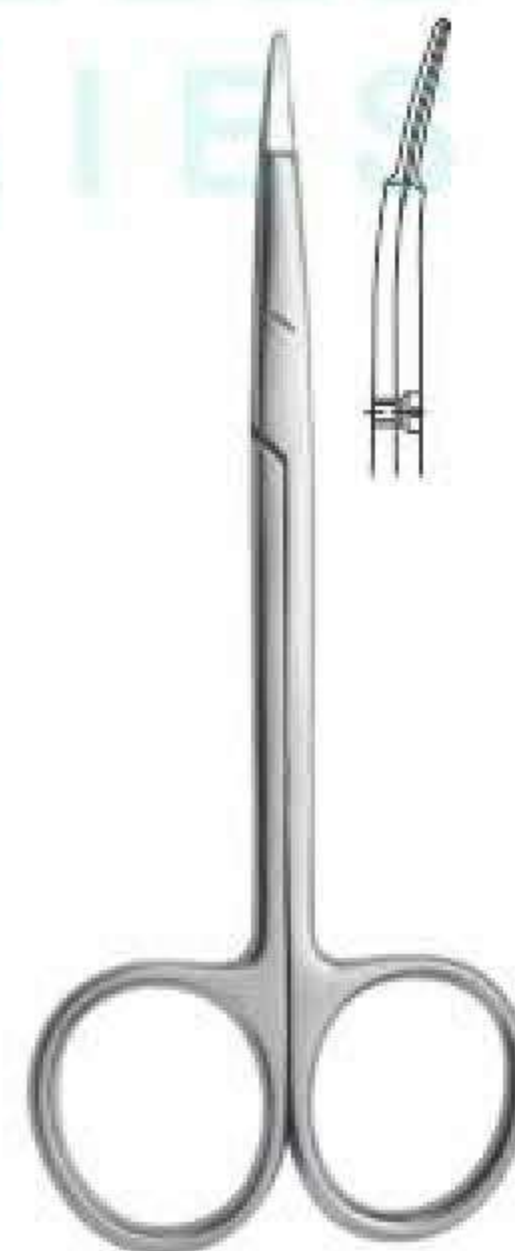
**TW4-109**  
La Grange  
115mm  
Saw edge,  
double curved



**TW4-110**  
Neumann  
120mm  
Saw edge,  
double curved



**TW4-111**  
Kilner (Ragnell)  
120mm  
Straight



**TW4-112**  
Kilner (Ragnell)  
120mm  
Curved



**TW4-113**  
Joseph  
140mm  
Straight

## GUM SCISSORS



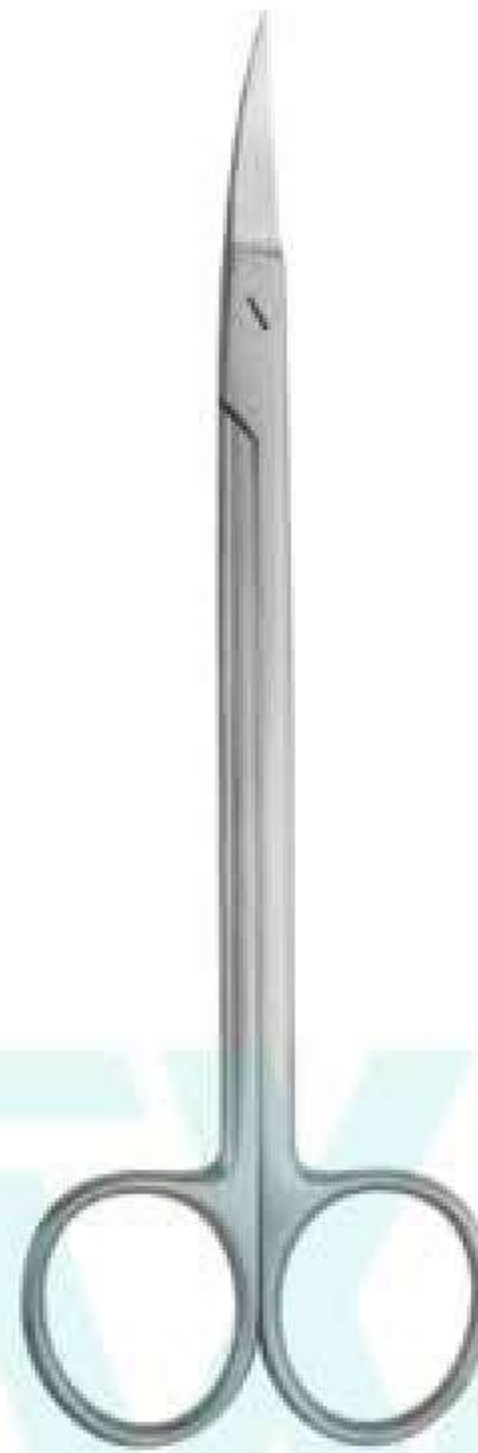
- Ножницы десневые
- Ciseaux a gencives
- Zahnfleischscheren
- Ножиці для ясен
- Tijeras para encias
- مقص صمغ



**TW4-114**  
Joseph  
140mm  
Curved



**TW4-115**  
Kelly  
160mm  
Straight



**TW4-116**  
Kelly  
160mm  
Curved



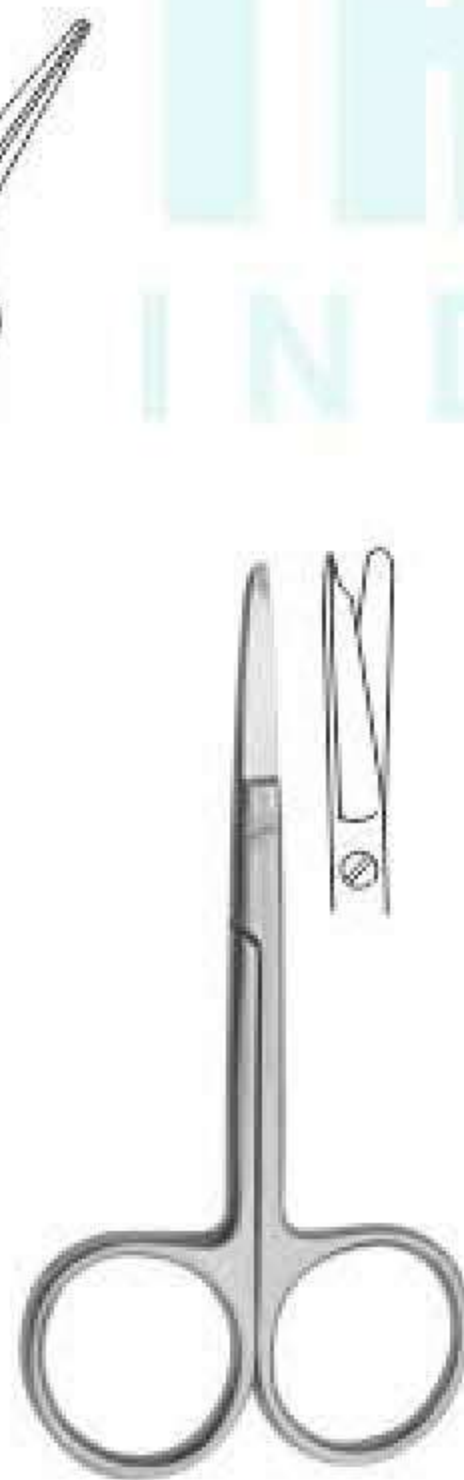
**TW4-117**  
Locklin  
160mm  
Saw edge,  
angular



Locklin  
**TW4-118** 120mm  
**TW4-119** 160mm  
Saw edge,  
angular



**TW4-120**  
Dean  
170mm  
Saw edge,  
angular



**TW4-121**  
Spencer  
90mm



**TW4-122**  
Spencer  
130mm



**TW4-123**  
Spencer  
115mm



**TW4-124**  
Straight  
120mm

- Ножницы десневые
- Ciseaux a gencives
- Zahnfleischscheren
- Ножиці для ясен
- Tijeras para encias
- مقص صمغ



**TW4-125**  
Straight  
115mm



**TW4-126**  
Curved  
115mm



Straight  
**TW4-127** 140mm  
**TW4-128** 160mm  
**TW4-129** 180mm



Mayo  
**TW4-130** 140mm  
**TW4-131** 160mm  
**TW4-132** 180mm  
Straight  
**TW4-133** 140mm  
**TW4-134** 160mm  
**TW4-135** 180mm  
Curved



Mayo  
**TW4-136** 140mm  
**TW4-137** 200mm  
Straight  
**TW4-138** 140mm  
**TW4-139** 200mm  
Curved



**TW4-140**  
Noyes  
110mm, Straight



**TW4-141**  
Noyes  
110mm  
Curved



**TW4-142**  
Noyes  
110mm  
Angular



**TW4-143**  
Castroviejo  
150mm  
Curved



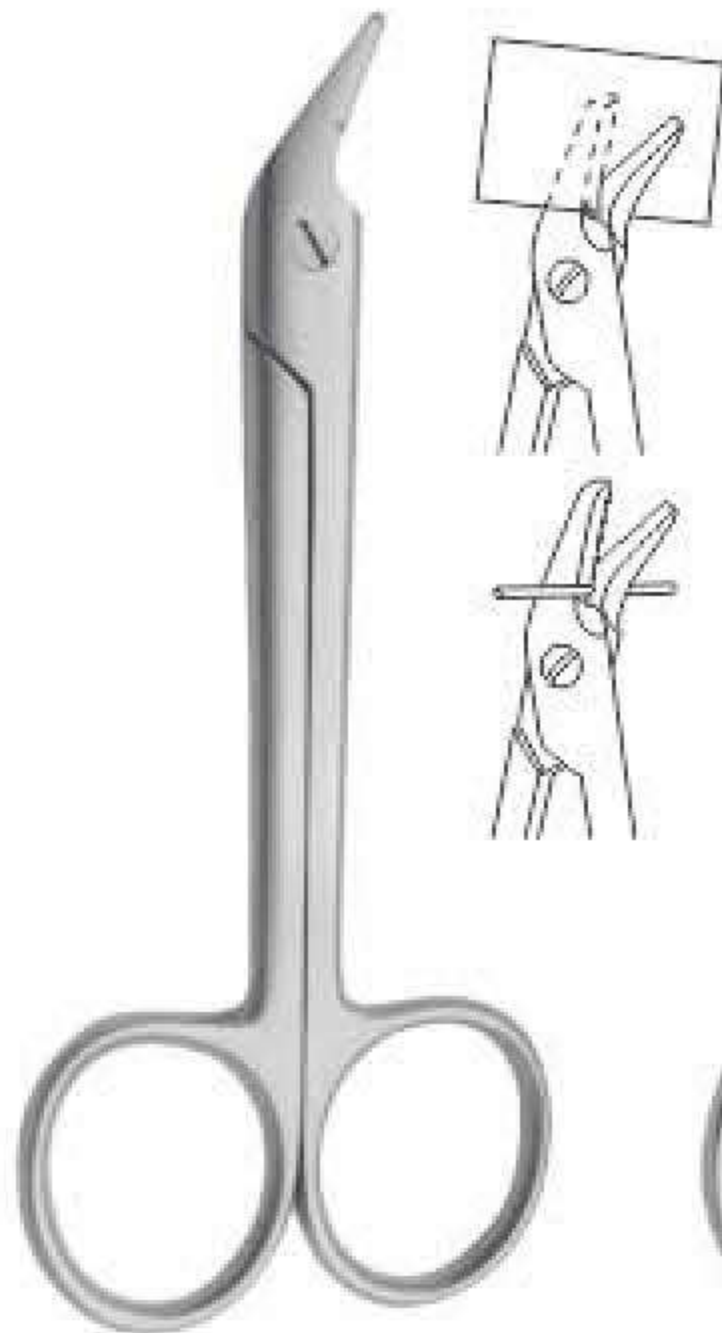
**TW4-144**  
155mm

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## CROWN SCISSORS



- Ножницы для короны
- Ciseaux de couronne
- Krone Schere
- Корональні ножиці
- Tijeras de la corona
- مقص التاج



**TW4-145**  
Universal  
120mm  
Saw edge



**TW4-146**  
Beebee  
110mm  
Saw edge, straight



**TW4-147**  
Beebee  
110mm  
Saw edge, curved



**TW4-148**  
Beebee  
120mm  
Saw edge, straight



**TW4-149**  
Beebee  
120mm  
Saw edge, curved



**TW4-150** 90mm  
**TW4-151** 110mm  
**TW4-152** 140mm  
**TW4-153** 180mm  
**TW4-154** 240mm  
Lister Bandage Scissors



**TW4-155**  
Dental scissors  
large 175mm



**TW4-156**  
180mm  
universal  
autoclavable up to  
143 °C

- Ножницы десневые
  - Ciseaux a gencives
  - Zahnfleischscheren
- Ножиці для ясен
  - Tijeras para encias
  - مقص صمغ

T.C GOLD



**TW4-157**  
Iris  
110mm  
Straight



**TW4-158**  
Iris  
110mm  
Curved



**TW4-159**  
Goldman-Fox  
130mm  
Saw edge, straight



**TW4-160**  
Goldman-Fox  
130mm  
Saw edge, Curved

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**TW4-161**  
La Grange  
115mm  
Saw edge,  
double Curved



Mayo  
**TW4-162** 140mm  
**TW4-163** 170mm  
**TW4-164** 230mm  
Straight



Mayo  
**TW4-165** 140mm  
**TW4-166** 170mm  
**TW4-167** 230mm  
Curved



# GUM SCISSORS



- Ножницы десневые
- Ciseaux a gencives
- Zahnfleischscheren
- Ножиці для ясен
- Tijeras para encias
- مقص صمغ

T.C GOLD



Metzenbaum  
TW4-168 145mm  
TW4-169 180mm  
TW4-170 200mm  
Straight



Metzenbaum  
TW4-171 145mm  
TW4-172 180mm  
TW4-173 200mm  
Curved



TW4-174  
Kelly  
160mm  
Straight



TW4-175  
Kelly  
160mm  
Curved



TW4-176  
Universal  
120mm



TW4-177  
Beebee  
110mm  
Saw edge,  
straight



TW4-178  
Beebee  
110mm  
Saw edge,  
curved



TW4-179  
Beebee  
120mm  
Saw edge,  
straight



TW4-180  
Beebee  
120mm  
Saw edge,  
curved

- Зажимы артериальные
- Затискачі артеріальні
- Pincas hemostaticas
- Pinzas hemostaticas
- Arterienklemmen
- ملقط هایموسٹاتیک



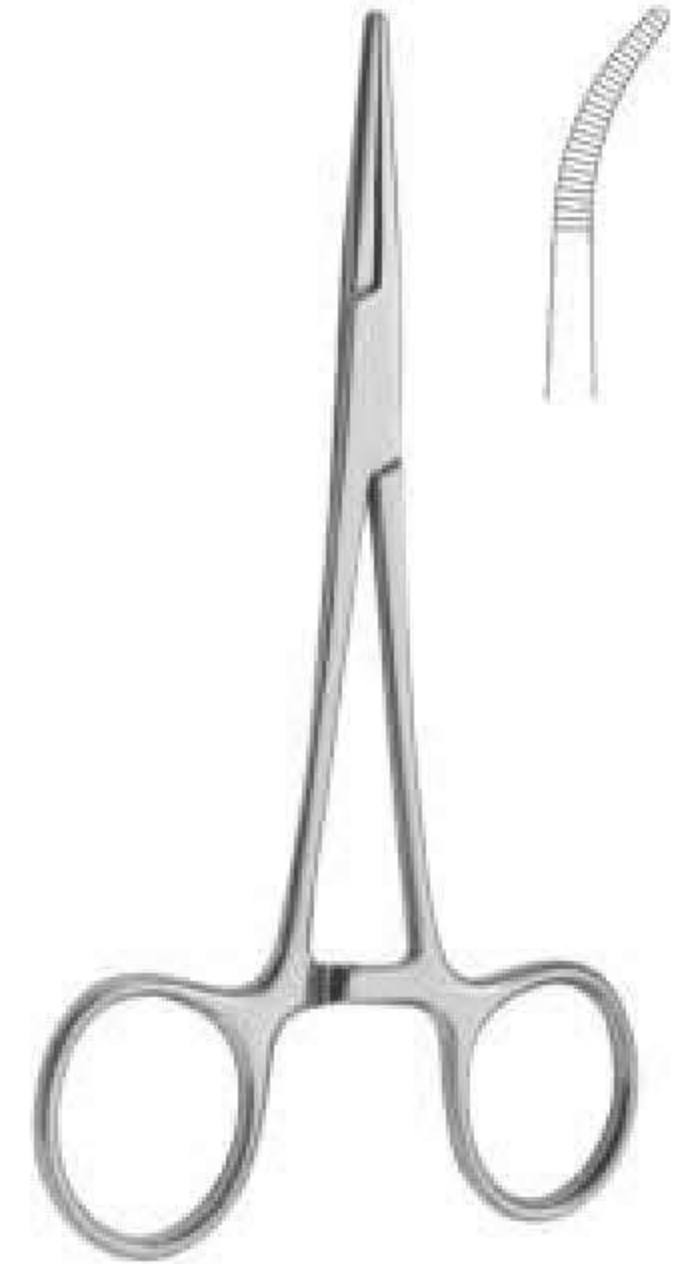
Hartmann (Baby Mosquito)  
**TW4-181** 100mm straight  
**TW4-182** 100mm curved



Halstead Mosquito  
**TW4-183** 125mm straight  
**TW4-184** 125mm curved



Halstead Mosquito 1x2  
**TW4-185** 125mm straight  
**TW4-186** 125mm Curved



Kelly  
**TW4-187** 140mm straight  
**TW4-188** 140mm curved



Rochester-Pean  
**TW4-189** 140mm  
**TW4-190** 160mm  
**TW4-191** 180mm  
**TW4-192** 200mm straight  
**TW4-193** 140mm curved  
**TW4-194** 160mm  
**TW4-195** 180mm  
**TW4-196** 200mm



Rochester-Kocher 1x2  
**TW4-197** 140mm  
**TW4-198** 160mm  
**TW4-199** 180mm  
**TW4-200** 200mm straight  
**TW4-201** 140mm curved  
**TW4-202** 160mm  
**TW4-203** 180mm  
**TW4-204** 200mm



Kelly-Rankin  
**TW4-205** 160mm straight  
**TW4-206** 160mm curved

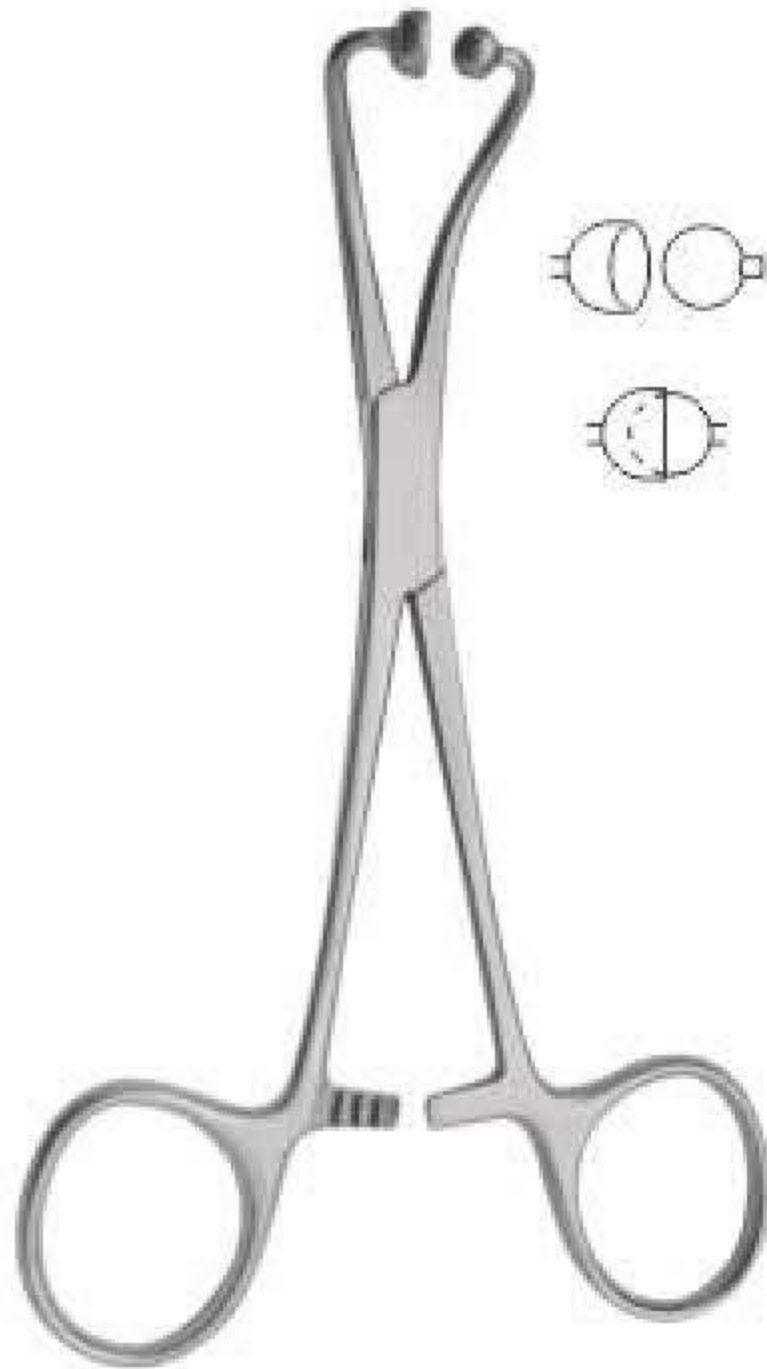


**TW4-207** Heiss 200mm curved

## HAEMOSTATIC FORCEPS & TOWEL CLAMPS



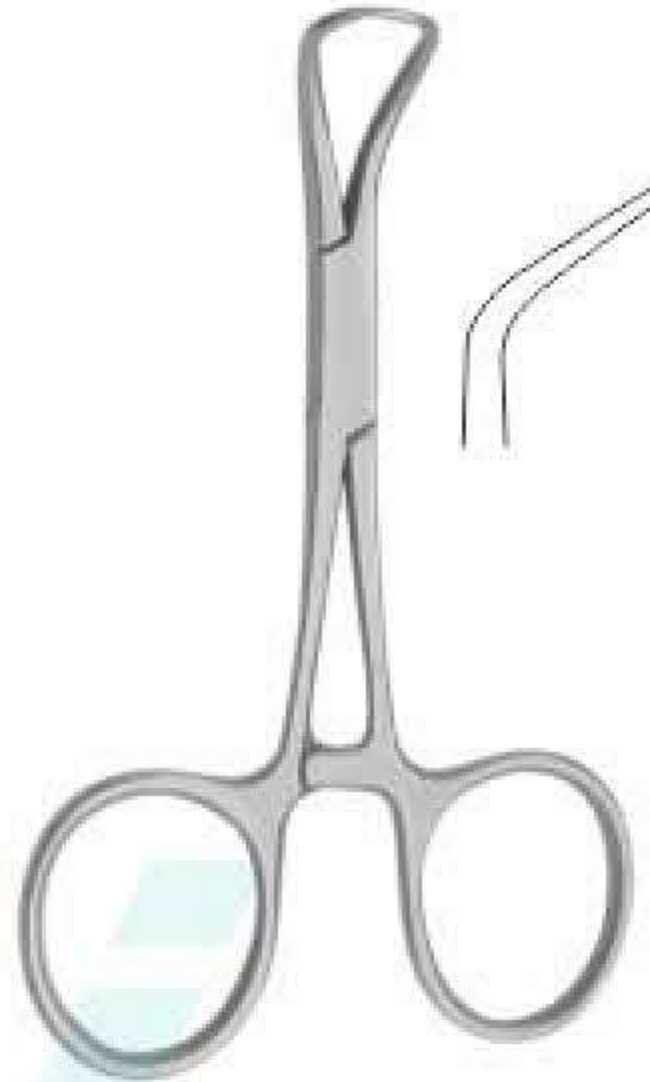
- Зажимы артериальные, зажимы для салфеток
- Pincas hemostatiques, Pincas a compresas
- Arterienklemmen, Tuuchklemmen
- Затискачі артеріальні, затискачі для серветок
- Pinzas hemostaticas, Pincas para compresas
- الملقظ هایموستاتیک المشابک منشفه



**TW4-208**  
Backhaus  
Not-perforating and  
not-damaging 140mm



**TW4-209**  
Backhaus  
130mm



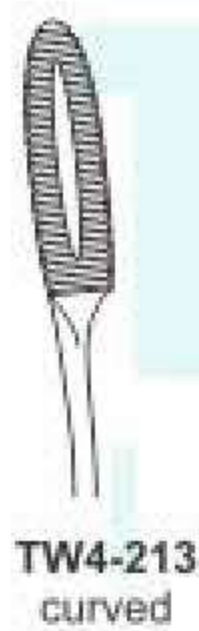
**TW4-210**  
Backhaus  
85mm



**TW4-211**  
Jones  
90mm



**TW4-212**  
Gross Maier  
Dressing Forceps  
200mm straight



**TW4-213**  
curved



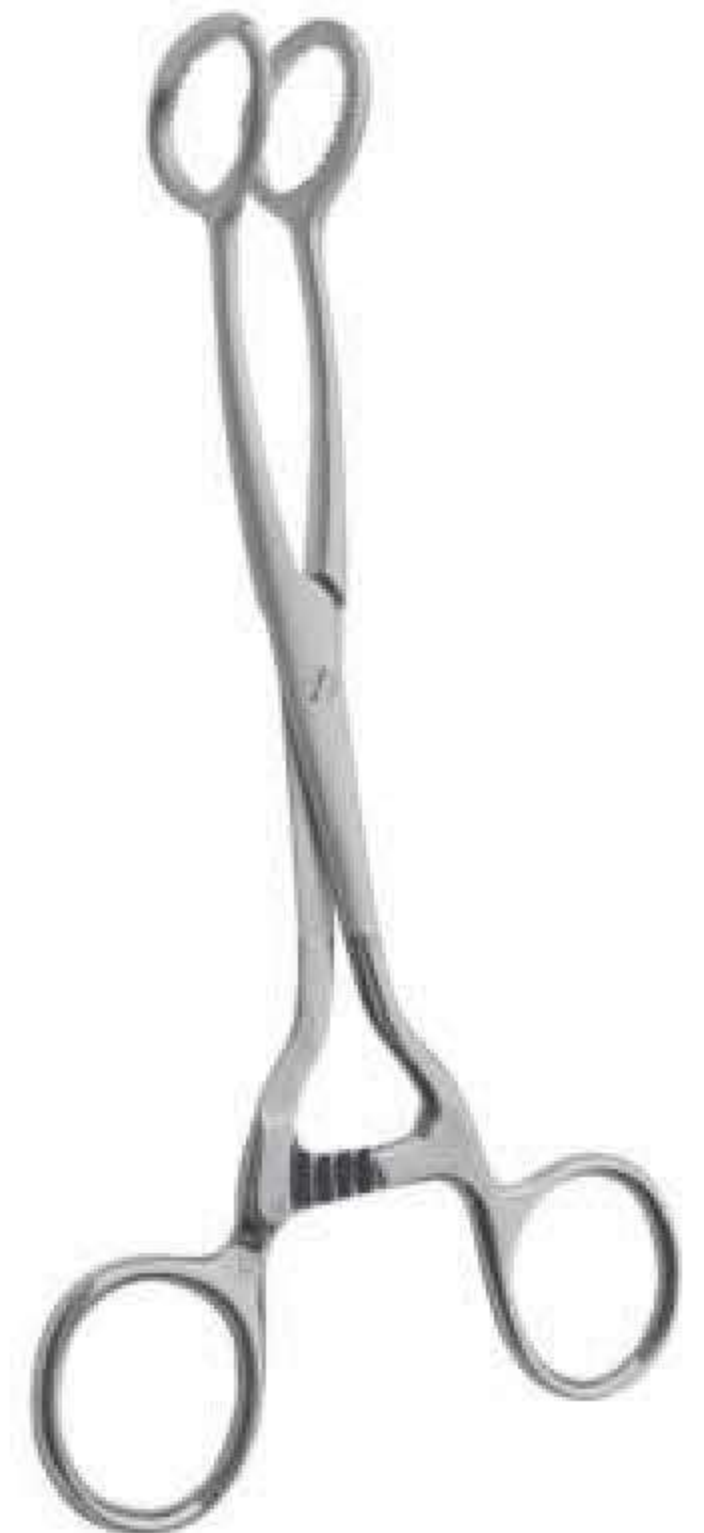
**TW4-214**  
Foerster  
Dressing Forceps  
200mm



**TW4-215**  
Young  
Tongue Forceps  
170mm



Spare rubber



**TW4-216**  
Collins  
Tongue Forceps  
170mm

- Стерилизационные и тканевые зажимы
- Stérilisation et pinces pour tissus
- Esterilizadores y sujetadores de tejidos

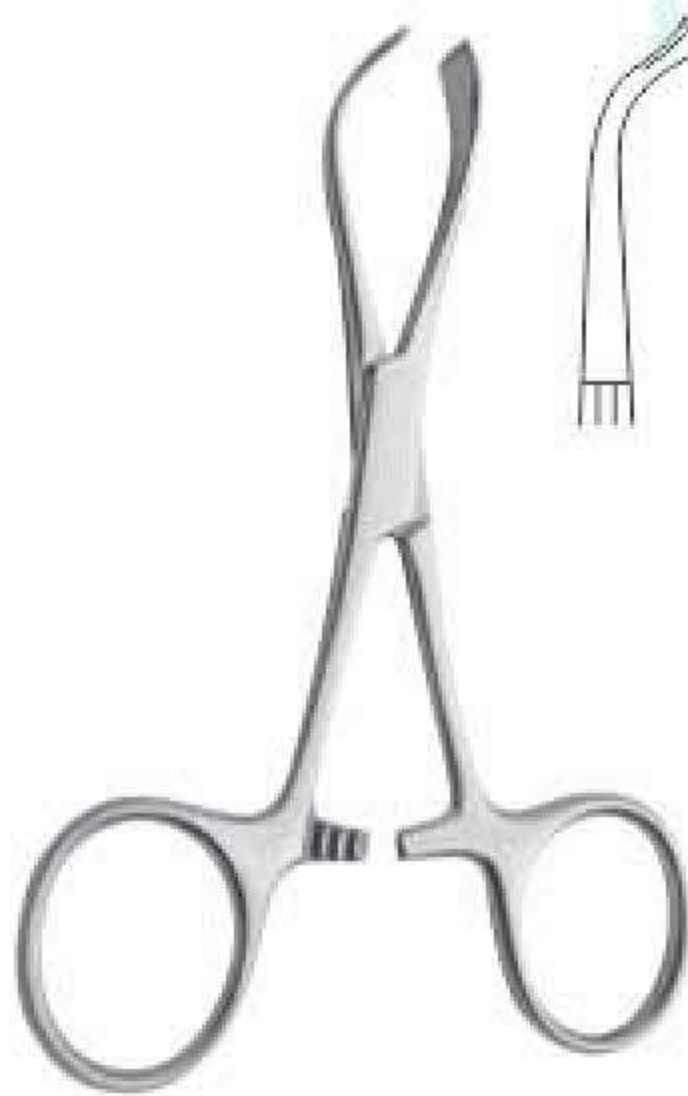
- Стерилізаційні та тканинні затискачі
- Esterilização e grampos de tecido
- تعقيم & المشابك الأنسجة



Cheattle  
TW4-217 270mm



Rogge  
TW4-218 200mm  
TW4-219 300mm



Lorna  
TW4-220 100mm  
TW4-221 130mm



TW4-222  
Allis-Baby 3:4  
150mm



TW4-223  
Allis 4:5  
200mm



TW4-224  
Allis 6:7  
200mm

# NEEDLE HOLDERS



- Иглодержатели
  - Porte-aiguilles
  - Nadelhalter
- Голкотримачи
  - Porta-agujas
  - اصحاب ابرة

## T.C GOLD

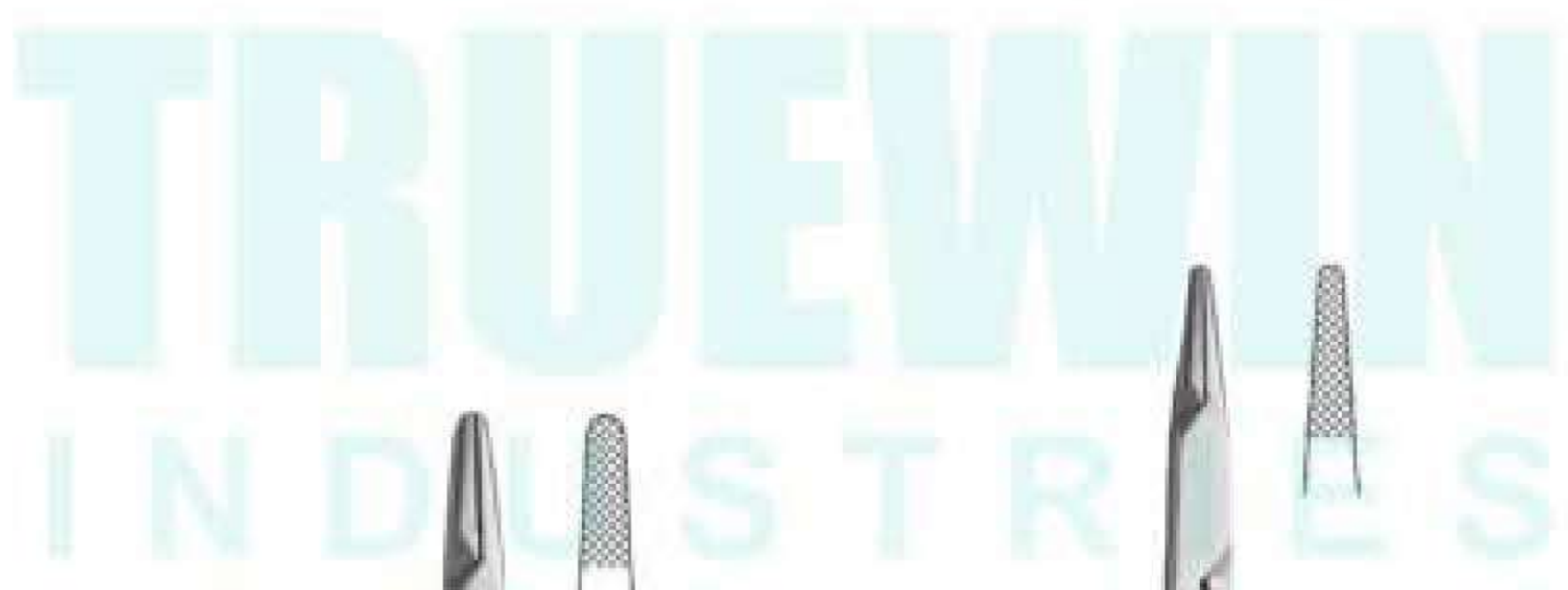


Crile  
**TW4-225** 130mm  
**TW4-226** 150mm  
**TW4-227** 180mm

**TW4-228**  
 Halsey  
 130mm

**TW4-229**  
 Baumgartner  
 130mm

**TW4-230**  
 Derf  
 120mm



**TW4-231**  
 Delicate  
 150mm

Mayo-Hegar  
**TW4-232** 130mm  
**TW4-233** 160mm  
**TW4-234** 180mm  
**TW4-235** 200mm

Crile-Wood  
**TW4-236** 150mm  
 straight

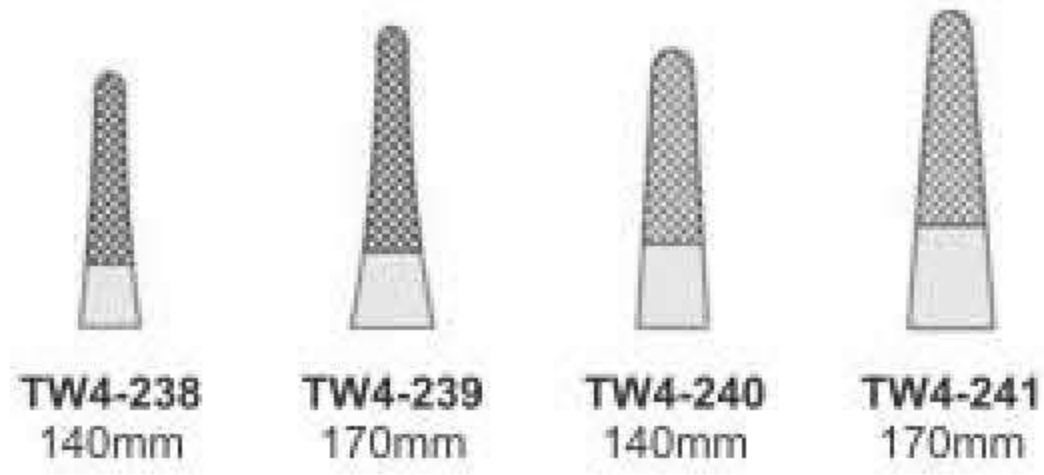
Crile-Wood  
**TW4-237** 150mm  
 curved

- Иглодержатели
  - Porte-aiguilles
  - Nadelhalter
- Голкотримачи
  - Porta-agujas
  - اصحاب ابرة

## T.C GOLD



Mathieu-Kocher



TW4-238  
140mm

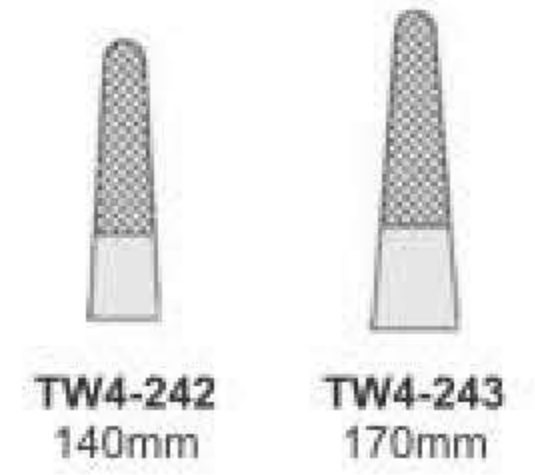
TW4-239  
170mm

TW4-240  
140mm

TW4-241  
170mm



Mathieu



TW4-242  
140mm

TW4-243  
170mm

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**TW4-244**  
Olsen-Hegar Needle  
Holder With Scissors  
140mm



**TW4-245**  
Gillies Needle  
Holder With Scissors  
160mm



Castroviejo  
**TW4-246** 140mm straight  
**TW4-247** 180mm straight  
**TW4-248** 140mm curved  
**TW4-249** 180mm curved



Castroviejo  
**TW4-250** 140mm straight  
**TW4-251** 180mm straight  
**TW4-252** 140mm curved  
**TW4-253** 180mm curved

# NEEDLE HOLDERS

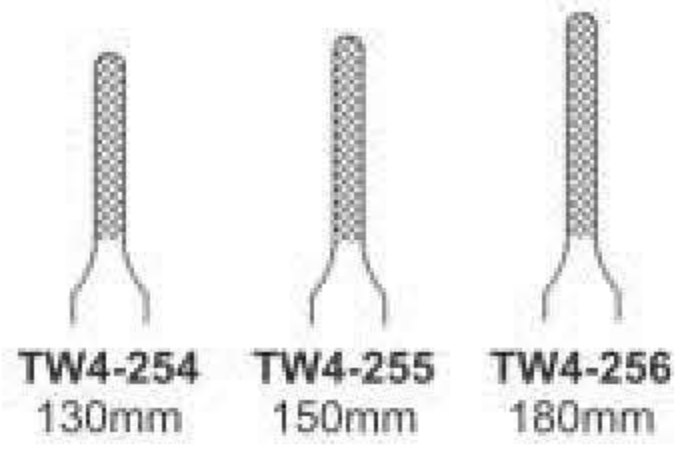


- Иглодержатели
- Porte-aiguilles
- Nadelhalter

- Голкотримачи
- Porta-agujas
- اصحاب ابرة



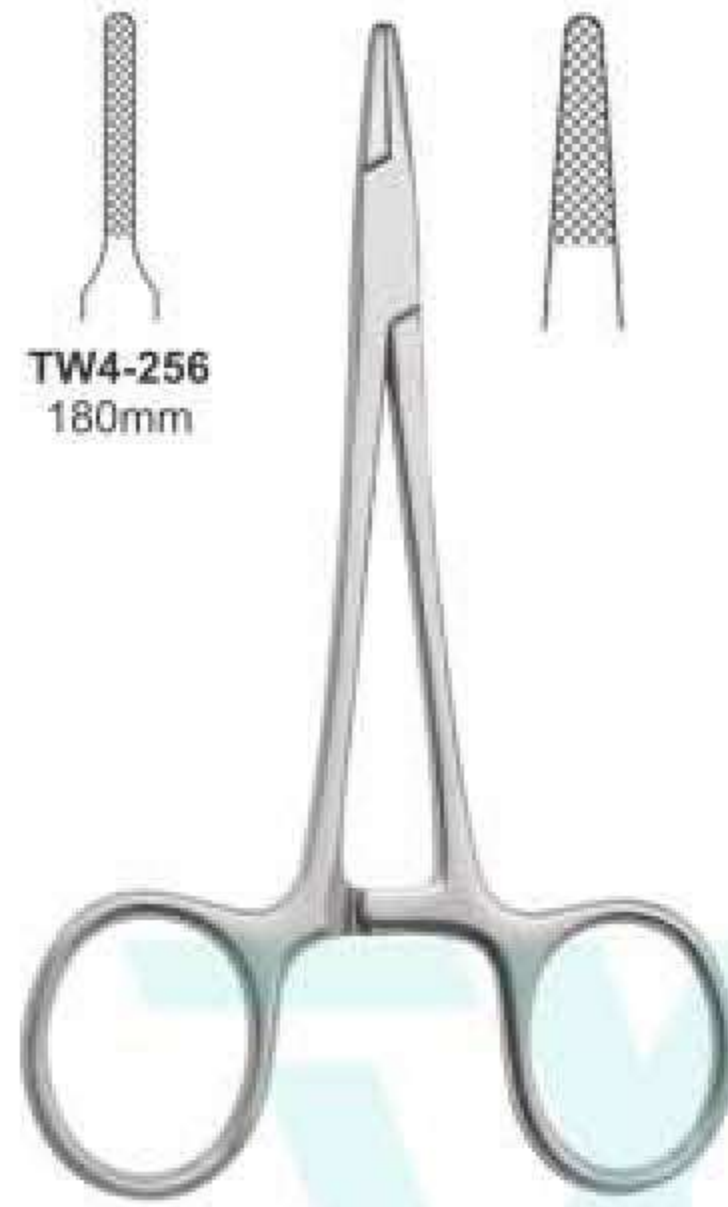
Castroviejo



TW4-254  
130mm

TW4-255  
150mm

TW4-256  
180mm



TW4-257  
Halsey  
130mm



TW4-258  
Baumgartner  
130mm



TW4-259  
Derf  
120mm



TW4-260  
Delicate  
150mm



TW4-261  
Adson  
170mm



Mayo-Hegar  
TW4-262 130mm  
TW4-263 160mm  
TW4-264 180mm  
TW4-265 200mm



TW4-266  
Crile-Wood  
150mm

- Иглодержатели
  - Porte-aiguilles
  - Nadelhalter
- Голкотримачи
  - Porta-agujas
  - اصحاب ابرة



**TW4-267**  
Olsen-Hegar Needle  
Holder With Scissors  
140mm



**TW4-268**  
Gillies Needle  
Holder With Scissors  
160mm



**TW4-269**  
140mm

Mathieu



**TW4-270**  
170mm



**TW4-271**  
200mm



**TW4-272**  
140mm

Mathieu-Kocher



**TW4-273**  
170mm



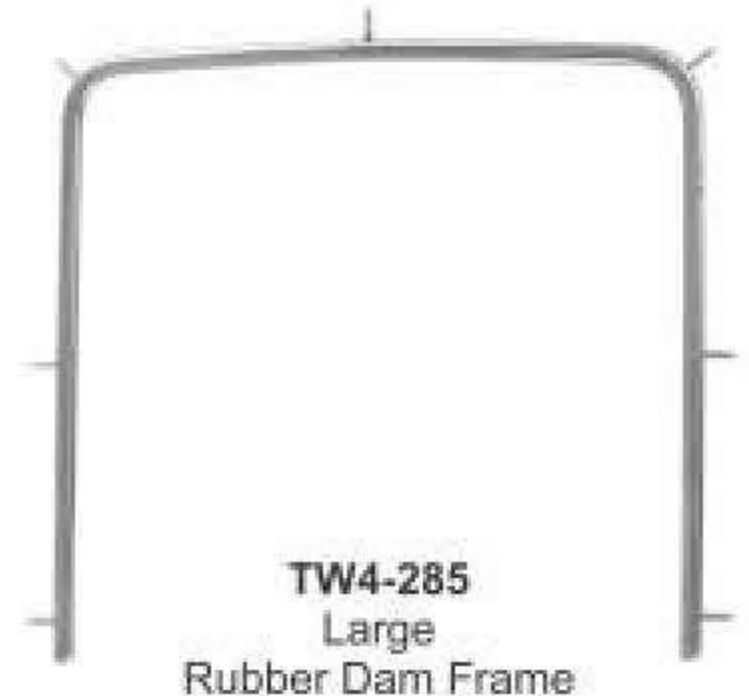
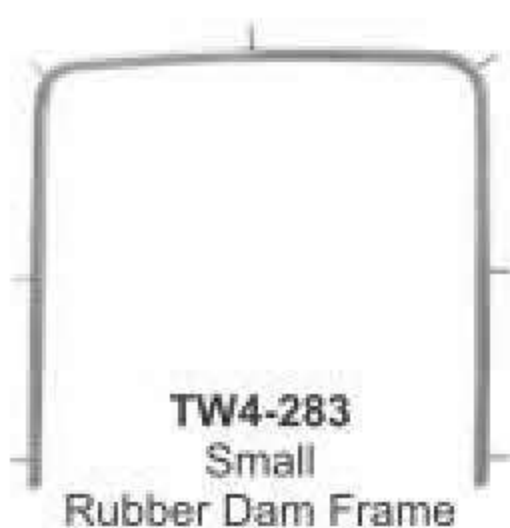
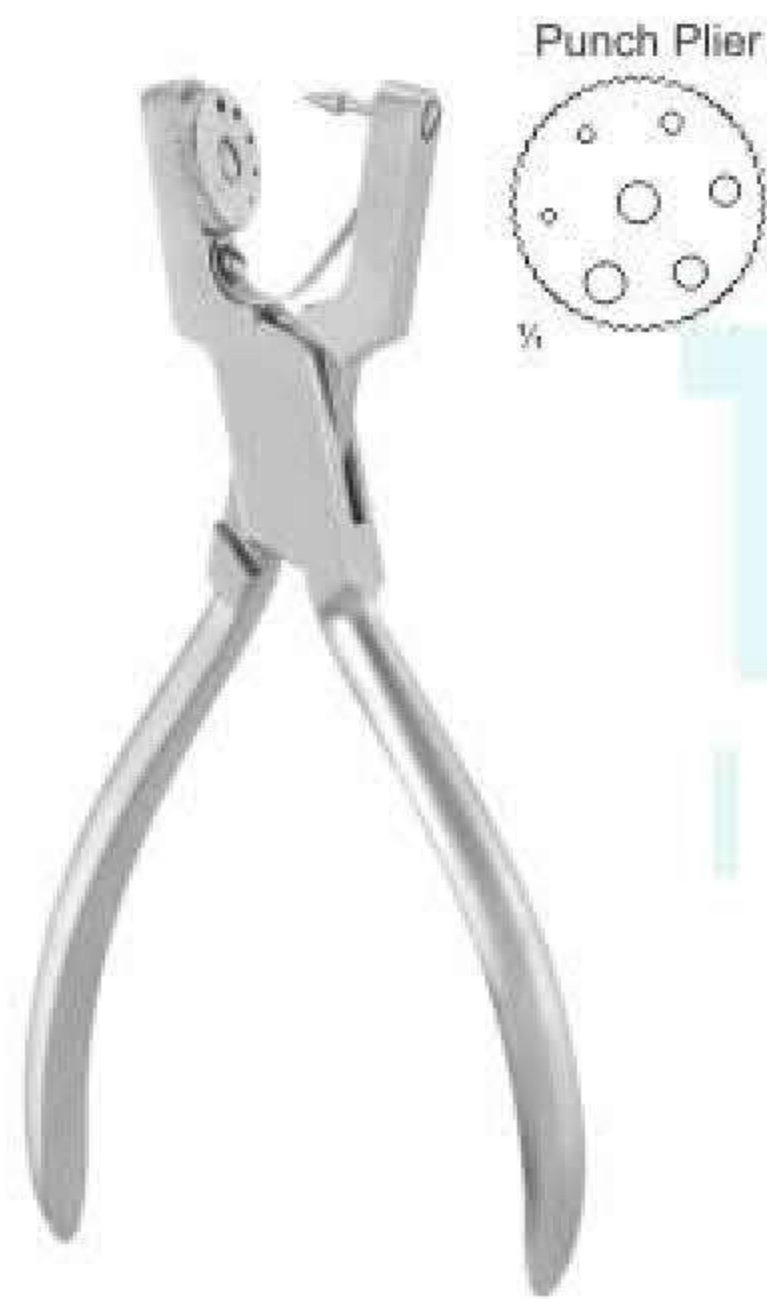
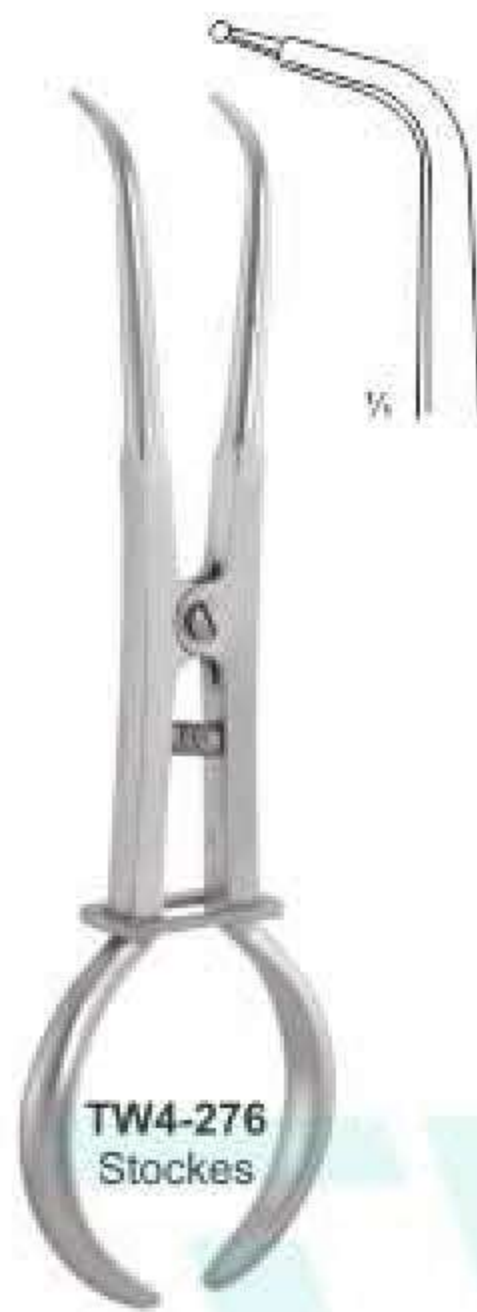
**TW4-274**  
Boynton  
120mm



# RUBBER DAM CLAMPS FORCEPS



- Инструменты для системы коффердам
- Pincas porte-crampons a dique
- Kofferdam Klammerzangen
- Инструменти для системи коффердам
- Pinzas de engrapar para dique de caucho
- المد المطاط الملقط المشبك



- Резиновая дамба зажимы комплекты
- Trousses de caoutchouc
- Gummidammklammern
- Гумова дамба затискачі комплекти
- Conjuntos de abrazaderas de retención de caucho
- المطاط المد المشابك مجموعات

### Rubber Dam Kits

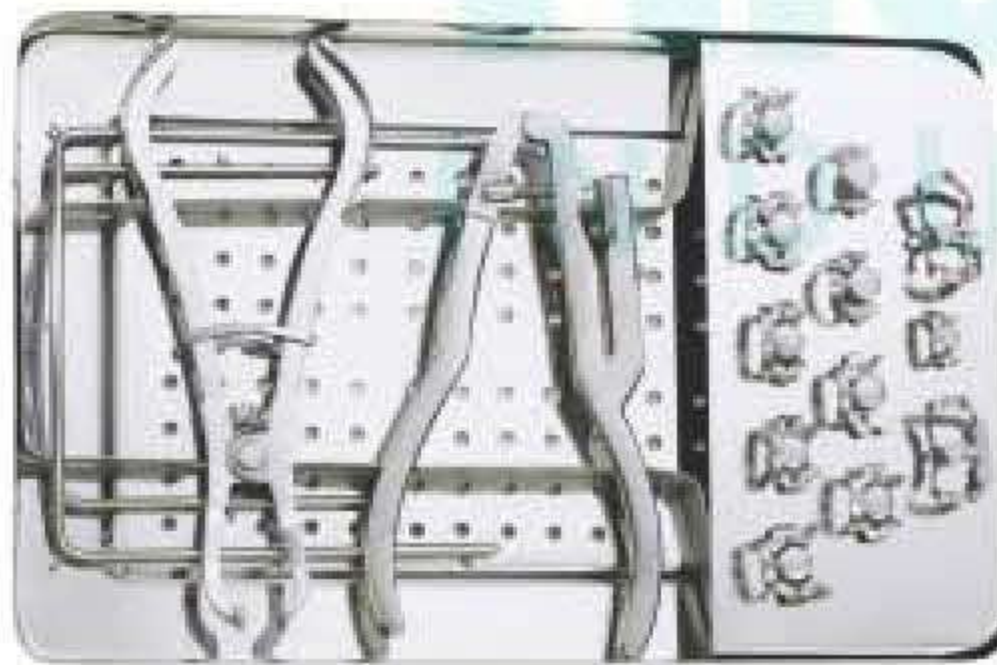


#### TW4-286

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 | Rubber Dam Frame L        | 11 | Rubber Dam Clamp Fig. 8A  |
| 05 | Rubber Dam Frame M        | 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   |



#### TW4-287

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

##### Content:

- |    |                           |    |                           |
|----|---------------------------|----|---------------------------|
| 01 | Ivory                     | 08 | Rubber Dam Clamp Fig. 209 |
| 02 | Ivory light weight        | 09 | Rubber Dam Clamp Fig. 212 |
| 03 | Clamps Stand              | 10 | Rubber Dam Clamp Fig. 211 |
| 04 | Rubber Dam Frame M        | 11 | Rubber Dam Clamp Fig. 8   |
| 05 | Rubber Dam Frame L        | 12 | Rubber Dam Clamp Fig. 8A  |
| 06 | Rubber Dam Box Lower Case | 13 | Rubber Dam Clamp Fig. 14  |
| 07 | Rubber Dam Box Upper Case | 14 | Rubber Dam Clamp Fig. 14A |
|    |                           | 15 | Rubber Dam Clamp Fig. 0   |
|    |                           | 16 | Rubber Dam Clamp Fig. 00  |
|    |                           | 17 | Rubber Dam Clamp Fig. 2   |
|    |                           | 18 | Rubber Dam Clamp Fig. 2A  |
|    |                           | 19 | Rubber Dam Clamp Fig. 7   |

## RUBBER DAM CLAMPS KITS

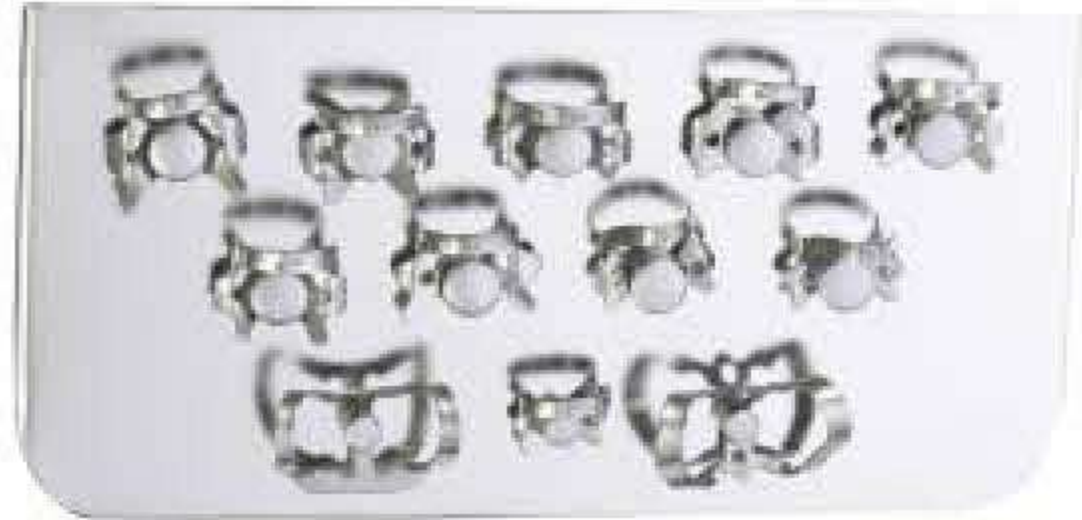


- Резиновая дамба зажимы комплекты
- Гумова дамба затискачі комплекти
- Trousses de caoutchouc
- Conjuntos de abrazaderas de retención de caucho
- المطاط السد المشابك مجموعات
- Gummidammklammern



**TW4-288**

Stainless Steel Gold Plated Rubber Dam Clamp Tray with 11 Different Clamps  
Fig. 212, 211, 8, 8A, 14, 14A, 0, 00, 2, 2A, 7



**TW4-289**

Stainless Steel Rubber Dam Clamp Tray with 12 Different Clamps  
Fig. 209, 212, 211, 8, 8A, 14, 14A, 0, 00, 2, 2A, 7



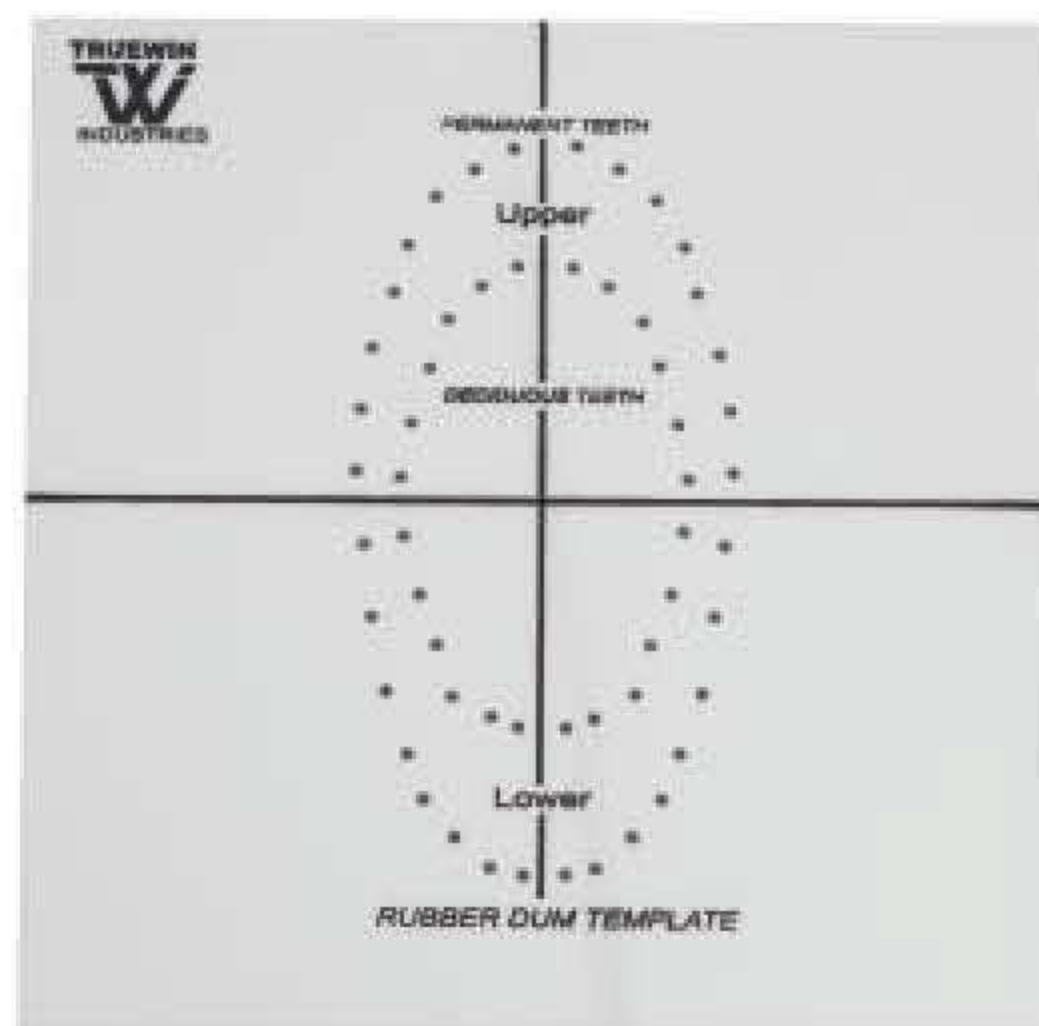
**TW4-290**

Stainless Steel Rubber Dam Clamp Tray with 8 Different Clamps  
Fig. 1, 26, 29, 51, 60, 202, 205, 210



**TW4-291**

Stainless Steel Rubber Dam Clamp Tray  
(without clamps)



**TW4-292**  
Rubber Dum Template

- Кламмера для коффердама
  - Crampons pour digue
  - Kofferdam Klammern
- Кламмера для коффердама
  - Grapas para dique de caucho
  - المشابك المد المطاط



**TW4-293**  
Fig. 15



**TW4-294**  
Fig. 18



**TW4-295**  
Fig. 24



**TW4-296**  
Fig. 25



**TW4-297**  
Fig. 26



**TW4-298**  
Fig. 28



**TW4-299**  
Fig. 30



**TW4-300**  
Fig. 31



**TW4-301**  
Fig. 51



**TW4-302**  
Fig. 138



**TW4-303**  
Fig. 139



**TW4-304**  
Fig. 200



**TW4-305**  
Fig. 201



**TW4-306**  
Fig. 202



**TW4-307**  
Fig. 203



**TW4-308**  
Fig. 204



**TW4-309**  
Fig. 205



**TW4-310**  
Fig. 3



**TW4-311**  
Fig. W3



**TW4-312**  
Fig. 4



**TW4-313**  
Fig. 56A



**TW4-314**  
Fig. 7



**TW4-315**  
Fig. 7A



**TW4-316**  
Fig. 8



**TW4-317**  
Fig. 8A



**TW4-318**  
Fig. W8A



**TW4-319**  
Fig. 10



**TW4-320**  
Fig. 11



**TW4-321**  
Fig. 12A



**TW4-322**  
Fig. 13A



**TW4-323**  
Fig. 14



**TW4-324**  
Fig. 14A



**TW4-325**  
Fig. 14AN



**TW4-326**  
Fig. 22



**TW4-327**  
Fig. 27



**TW4-328**  
Fig. 207



**TW4-329**  
Fig. 29



**TW4-330**  
Fig. 206



**TW4-331**  
Fig. 208



**TW4-332**  
Fig. 209



**TW4-333**  
Fig. 1



**TW4-334**  
Fig. 1A



**TW4-335**  
Fig. 2



**TW4-336**  
Fig. 2A



**TW4-337**  
Fig. W2A



**TW4-338**  
Fig. 0



**TW4-339**  
Fig. 00



**TW4-340**  
Fig. 210



**TW4-341**  
Fig. 211



**TW4-342**  
Fig. 212



**TW4-343**  
Fig. 6



**TW4-344**  
Fig. 9



**TW4-345**  
Fig. N06



**TW4-346**  
Fig. U67



**TW4-347**  
Fig. P1



**TW4-348**  
Fig. P2



**TW4-349**  
Fig. G-1



**TW4-349**  
Fig. G-1



**TW4-350**  
Fig. G-2



**TW4-350**  
Fig. G-2

# CROWN REMOVER



- Инструменты для удаления коронок
  - Arrache-couronnes
  - Teleskopkronenzangen
- Инструменты для видалення коронок
  - Arranca-corona
  - مزيلات الناج



**TW4-351**  
Crown Spreaders



**TW4-352**  
Mershon  
140mm  
Band Pusher



**TW4-353**  
Crown Spreader



**TW4-354**  
Crown Remover



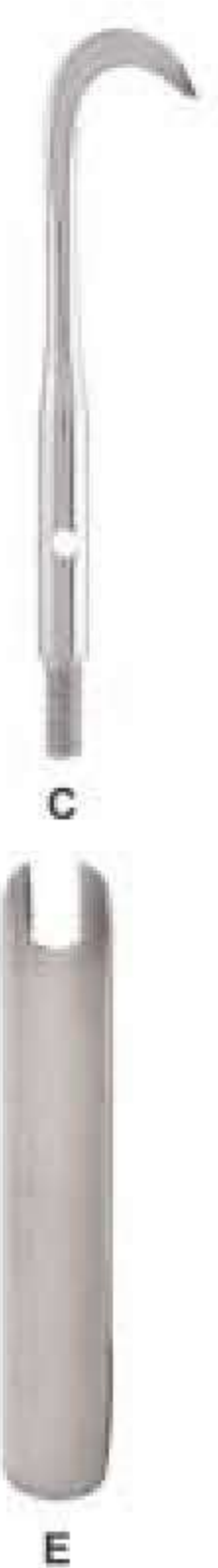
**TW4-355**  
Crown Remover



**TW4-356**  
Crown Remover



**TW4-357**  
Crown Remover



- Прочие товары
  - Divers produits et services
  - Sonstige Produkte
- Інші товари
  - Varios Productos
  - المنتجات المتنوعة



**TW4-358**  
X Ray Film Hanger



**TW4-359**  
X Ray Film Hanger



**TW4-360**  
X Ray Film Hanger



**TW4-361**  
X Ray Film Hanger



**TW4-362**  
Napkin Holder with  
Plastic Chain



**TW4-363**  
Napkin holder with metal chain



**TW4-364**  
Mouth Props  
Small

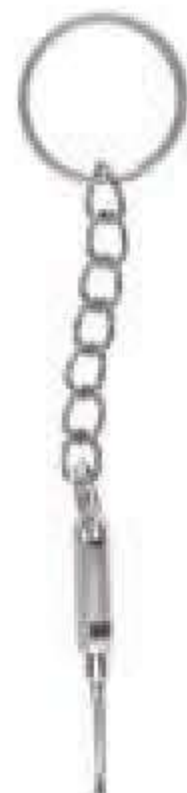
**TW4-365**  
Mouth Props  
Medium

**TW4-366**  
Mouth Props  
Large

### Key Rings



**TW4-367**



**TW4-368**



**TW4-369**



**TW4-370**



**TW4-371**



**TW4-372**

- Матрицедержатели
  - Porte Matrices
  - Matrizenspanner
- Матрицеутримувачи
  - Porta Matrices
  - مصفوفة الخدم

## Siqveland Retainers



**TW4-373**  
5mm  
**TW4-374**  
6mm  
Ivory 8



**TW4-375**  
7mm  
Ivory 8



**TW4-376**  
Nyström  
Left



**TW4-377**  
Nyström  
Right



**TW4-378**  
Narrow



**TW4-379**  
Wide



**TW4-380**  
Fig. 1  
Tofflemire-Universal



**TW4-381**  
Fig. 2  
Tofflemire-Junior

TRUEWIN  
INDUSTRIES



**TW4-382**  
Fig. 3  
Tofflemire-Senior



**TW4-383**  
Ivory  
with shields



**TW4-384**  
Ivory  
without shields



**TW4-385**  
Ivory



**TW4-386**  
Elliot



**Amalgam Well**

**TW4-387**  
Stainless Steel  
Amalgam Well

- Инструменты для амальгамы
  - Instruments pour amalgame
  - Amalgamisinstrumente
- Инструменти для амальгами
  - Instrumentos para amalgama
  - الصكوك الملغم





- Инструменты для амальгамы
  - Instruments pour amalgame
  - Amalgamis/strumente
- Инструменти для амальгами
  - Instrumentos para amalgama
  - الصكوك الملغم

## AMALGAM CARRIERS

**TW4-399**  
Distal  
Improves visibility and access to posterior regions.

**TW4-400**  
Single-End

**TW4-401**  
Double-End

**TIP SIZES FOR DOUBLE-END**

1.5 mm	2.8 mm	3.2 mm
2.0 mm	2.0 mm	2.0 mm
<b>TW4-402</b> Mini/ Regular	<b>TW4-403</b> Large/ Regular	<b>TW4-404</b> Jumbo/ Regular

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

1.5 mm	2.0 mm	2.8 mm
<b>TW4-405</b> Mini/ Single-End	<b>TW4-406</b> Regular Single-End	<b>TW4-407</b> Large Single-End

1.5 mm	2.0 mm	
<b>TW4-408</b> Mini Distal	<b>TW4-409</b> Regular Distal	<b>TW4-410</b> Amalgam Well

ROOT PLANNING CHISELES & BONE FILES



**TW4-411**  
Freer  
160mm



**TW4-412**  
Freer  
160mm



**TW4-413**  
Krarner-Nevins  
Bone Chisel



**TW4-414**  
Krarner-Nevins  
Bone Chisel



**TW4-415**  
Miller



**TW4-416**  
Miller

BONE FILES



**TW4-417**  
Miller 21



**TW4-418**  
Miller 1X  
cross cut



**TW4-419**  
Miller 2X  
cross cut



**TW4-420**  
Miller 52



**TW4-421**  
Wahl 1



**TW4-422**  
Williger



**TW4-423**  
Williger

# PERIODONTAL INSTRUMENTS



- Инструменты пародонтологические
- Instruments pour la parodontologie
- Instrumente für die Parodontologie
- Инструменти пародонтологічні
- Instrumentos para periodoncía
- الصكوك اللثة



**TW4-424**  
1  
Ochsensbin

**TW4-425**  
2  
Ochsensbin



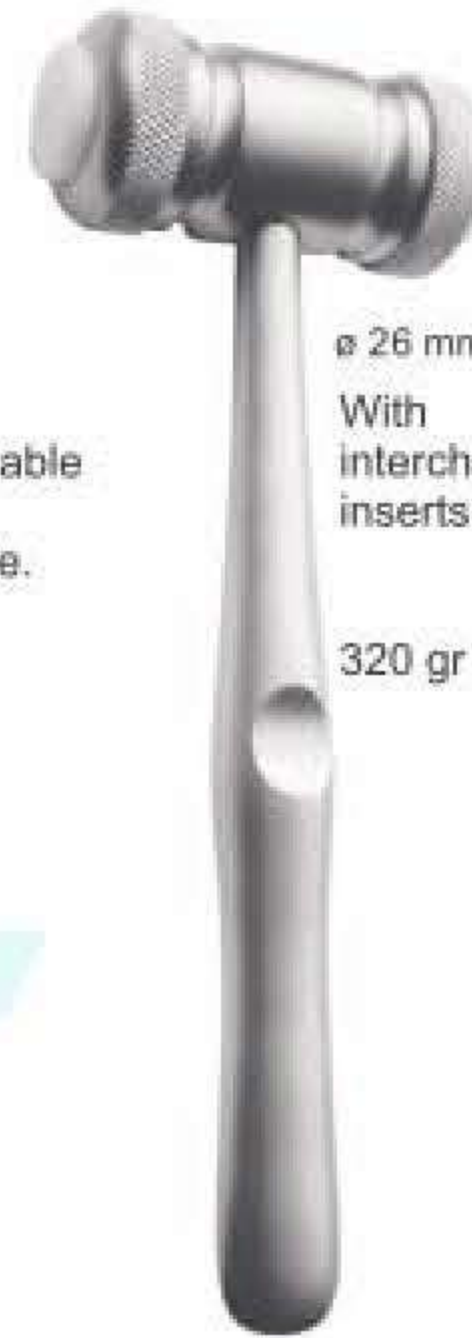
**TW4-426**  
Wakefield 1W  
170mm

**TW4-427**  
Wakefield 2W  
170mm



ø 28 mm  
Teflon  
interchangeable  
inserts  
Autoclavable.

**TW4-428**  
Mead  
190 mm



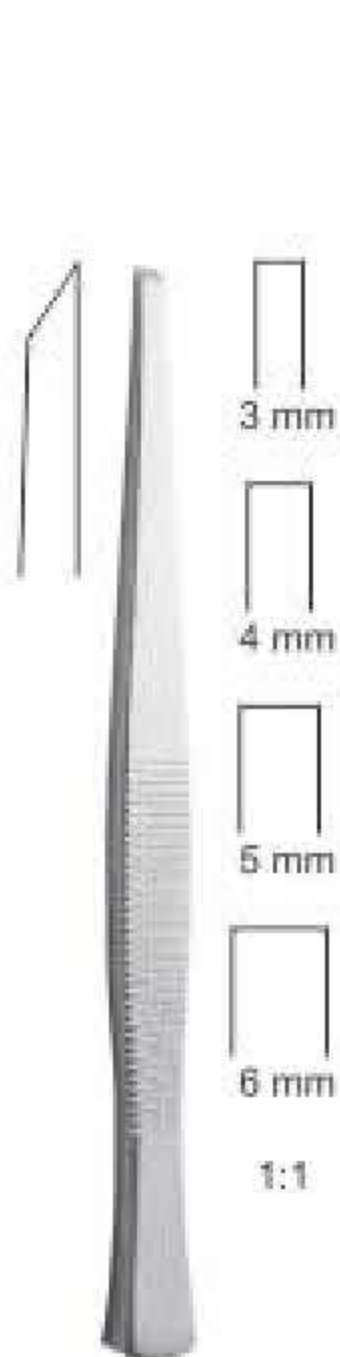
ø 26 mm  
With  
interchangeable  
inserts  
  
320 gr – 11 ¼ oz

**TW4-429**  
Mead  
170 mm

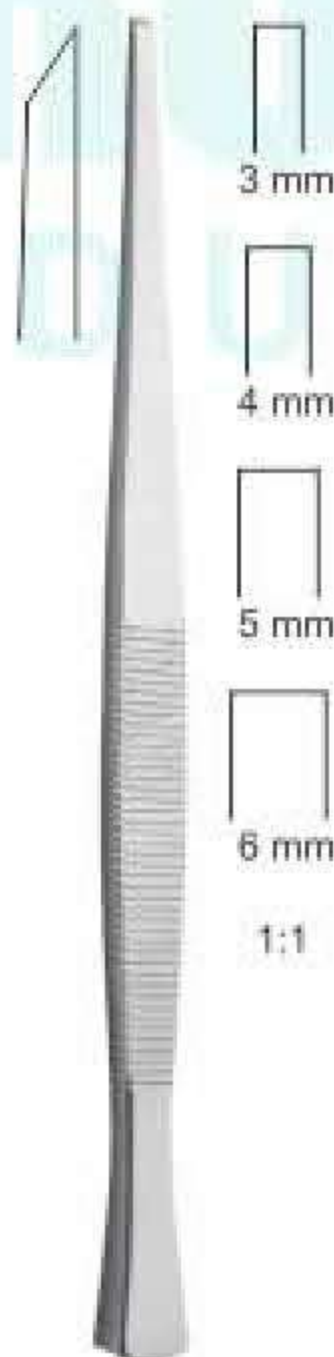


ø 22 mm  
Lead filled  
200 gr – 7 oz

**TW4-430**  
Partson  
180mm



Partsch 140 mm  
**TW4-431** 3mm  
**TW4-432** 4mm  
**TW4-433** 5mm  
**TW4-434** 6mm



Partsch 170 mm  
**TW4-435** 3mm  
**TW4-436** 4mm  
**TW4-437** 5mm  
**TW4-438** 6mm



Partsch 140 mm  
**TW4-439** 3mm  
**TW4-440** 4mm  
**TW4-441** 5mm  
**TW4-442** 6mm



Partsch 170 mm  
**TW4-443** 3mm  
**TW4-444** 4mm  
**TW4-445** 5mm  
**TW4-446** 6mm

- Инструменты пародонтологические
- Instruments pour la parodontologie
- Instrumente für die Parodontologie
- Инструменти пародонтологічні
- Instrumentos para periodoncia
- الصكوك اللثة

## PERIOSTEEL ELEVATORS



TW4-447  
BUSER



TW4-448  
Ohl 10



TW4-449  
Howard 9H



TW4-450  
Allen 9A



TW4-451  
Prichard 3



TW4-452  
Seldin 23



TW4-453



TW4-454  
Raspator, Raspatory  
Length 175mm



TW4-455



TW4-456



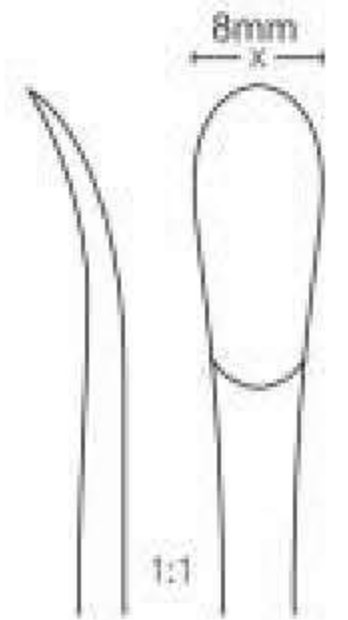
TW4-457  
Raspator, Williger  
Length 170mm, different widths  
(4mm, 5mm or 7mm)



TW4-458



TW4-459  
Trelat  
140mm



# PERIODONTAL INSTRUMENTS



- Инструменты пародонтологические
- Instruments pour la parodontologie
- Instrumente für die Parodontologie
- Инструменти пародонтологічні
- Instrumentos para periodoncia
- الصكوك اللثة



**TW4-460**  
Freer



**TW4-461**  
Freer 15



**TW4-462**  
Freer 16



**TW4-463**  
Goldman-Fox  
14



**TW4-464**  
P 24G

6,0 mm



**TW4-465**  
Molt  
175mm

6,0 mm



**TW4-466**  
Molt  
175mm

6,5 mm



**TW4-467**  
Meat  
175mm

3,5 mm



**TW4-468**  
Meat  
175mm

2,5 mm



**TW4-469**  
Meat  
175mm

- Шприцы стоматологические карпульные
- Шприці стоматологічні карпульні
- Seringues à usage dentaire
- Jeringas dentales
- Dentalspritzen
- المحاقن الأسنان



**TW4-470**  
Type A  
1,8ml.



**TW4-471**  
Type C  
1,8ml.



**TW4-472**  
Type C  
1,8ml.



**TW4-473**  
Type Euro  
1,8ml.



**TW4-474**  
3-Ring  
1,8ml.

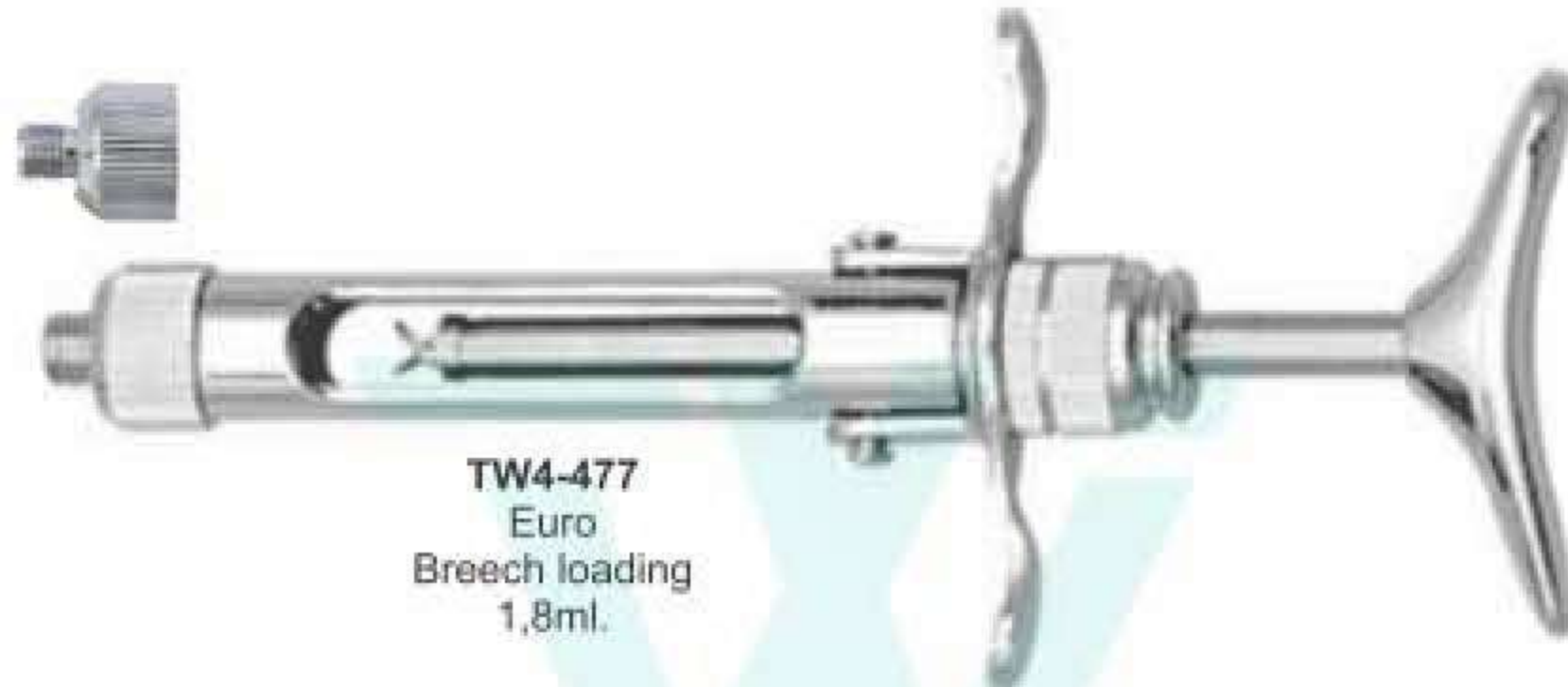
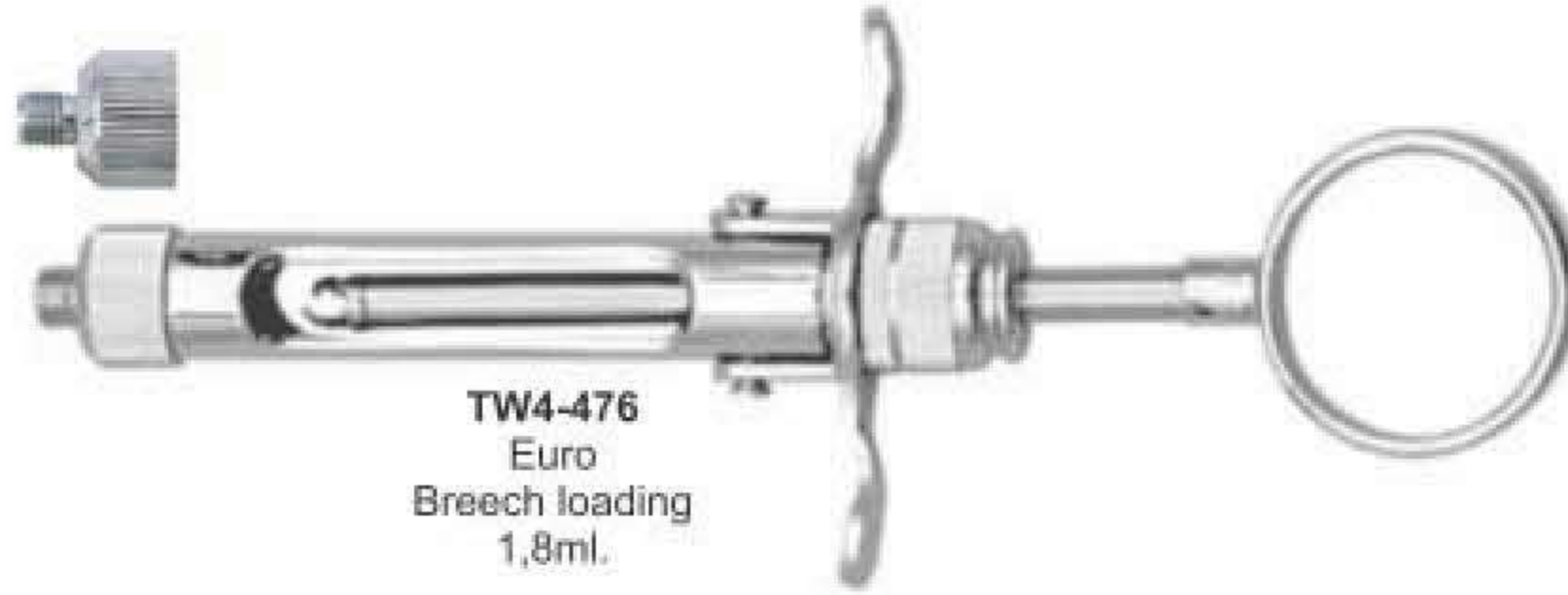


**TW4-475**  
2-Ring  
1,8ml.

## DENTAL SYRINGES



- Шприцы стоматологические карпульные
- Seringues à usage dentaire
- Dentalspritzen
- Шприці стоматологічні карпульні
- Jeringas dentales
- المحاقن الأسنان



- Шприцы стоматологические карпульные
- Seringues à usage dentaire
- Dentalspritzen
- Шприці стоматологічні карпульні
- Jeringas dentales
- المحاقن الأسنان



**TW4-481**  
Pistol-Ject  
1.8ml.  
injects 0.20ml with every click  
Lever action for high injection pressure

Autoclavable



**TW4-486**  
Fig. 1001  
Intraligamental  
Anesthesia Syringe in  
Black Colour Auto  
Cleavable

Autoclavable



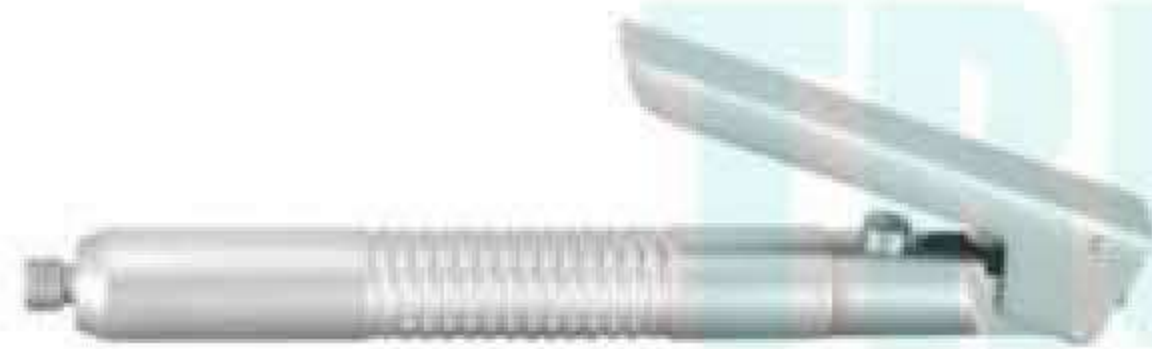
**TW4-482**  
Ject Ultima  
1.8ml.  
Injects 0,05 ml with every click  
Supplied with angled and straight tubes



**TW4-487**  
Disc System  
1.8ml.



**TW4-488**  
Disc System  
1.8ml.



**TW4-483**  
Swedish Type  
1.8ml.



**TW4-489**  
Disc System  
1.8ml.



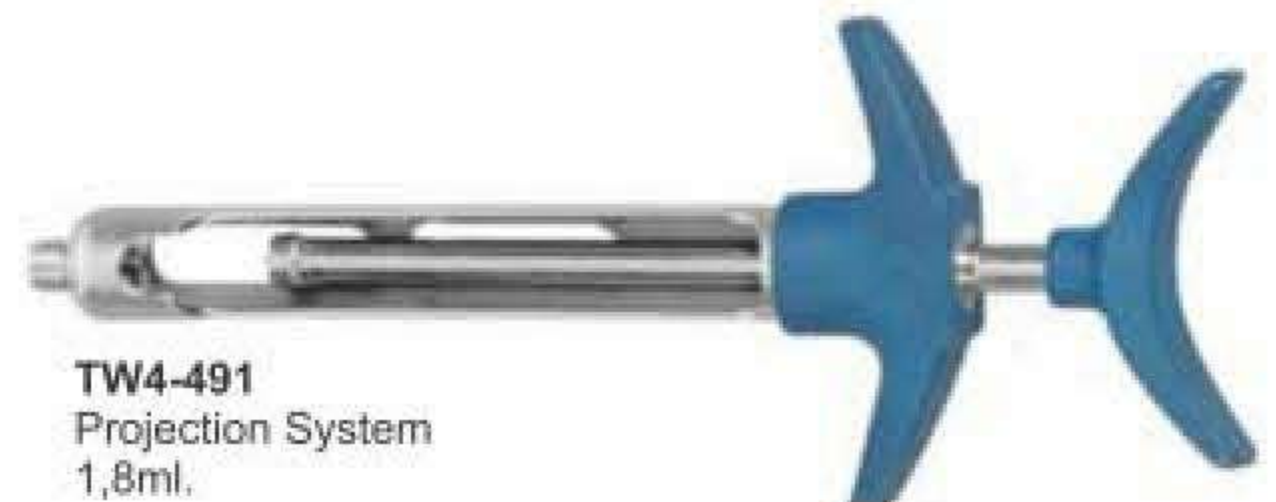
**TW4-484**  
Ject angled  
1.8ml.



**TW4-490**  
Projection System  
1.8ml.



**TW4-485**  
Ject straight  
1.8ml.



**TW4-491**  
Projection System  
1.8ml.



## DENTAL SYRINGES



- Шприцы стоматологические карпульные
- Seringues à usage dentaire
- Dentalspritzen
- Шприці стоматологічні карпульні
- Jeringas dentales
- المحاقن الأسنان



**TW4-492**  
Aluminium - Dark  
1.8 ml



**TW4-493**  
Aluminium - Silver  
1.8 ml



**TW4-494**  
Aluminium - Orange  
1.8 ml



**TW4-495**  
Aluminium - Green  
1.8 ml



**TW4-496**  
Aluminium - Blue  
1.8 ml

- Костные кусачки
  - Hohlmeißelzangen
  - Pincès-gouges
- Кусачки для кісток
  - Pinzas-gubias
  - روتجورس العظام



**TW4-497**  
Blumenthal  
155 mm



**TW4-498**  
Blumenthal 45°  
150 mm



**TW4-499**  
Blumenthal 90°  
140 mm



**TW4-500**  
Micro Luer  
150 mm



**TW4-501**  
Luer  
150 mm



- 3 x 3 TW4-502/1
- 4 x 4 TW4-502/2
- 5 x 5 TW4-502/3

Kerrison

# BONE ROUNGER



- Костные кусачки
- Knochelmeißelzangen
- Pincès-gouges
- Кусачки для кісток
- Pinzas-gubias
- روتجورس العظام



**TW4-503**  
Friedman  
140 mm



**TW4-504**  
Micro Friedman  
145 mm



**TW4-505**  
Micro Friedman 90°  
145 mm



**TW4-506**  
Lempert Delicate  
160 mm

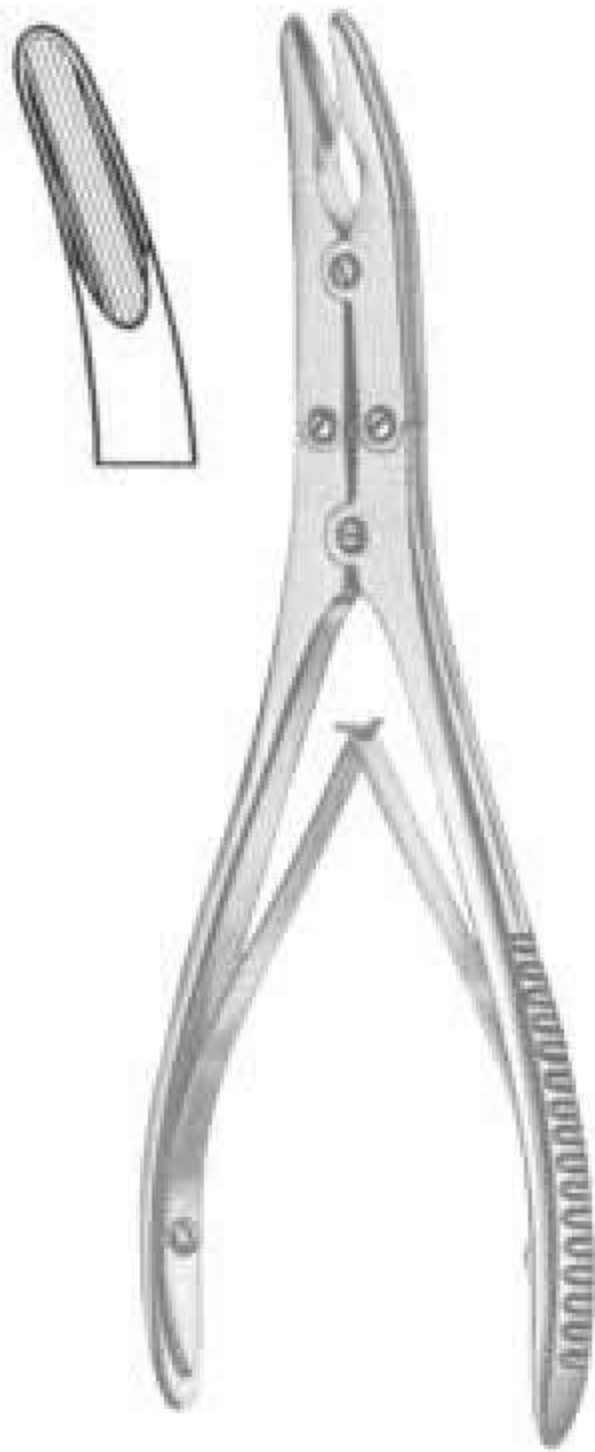


**TW4-507**  
Cleveland  
155 mm

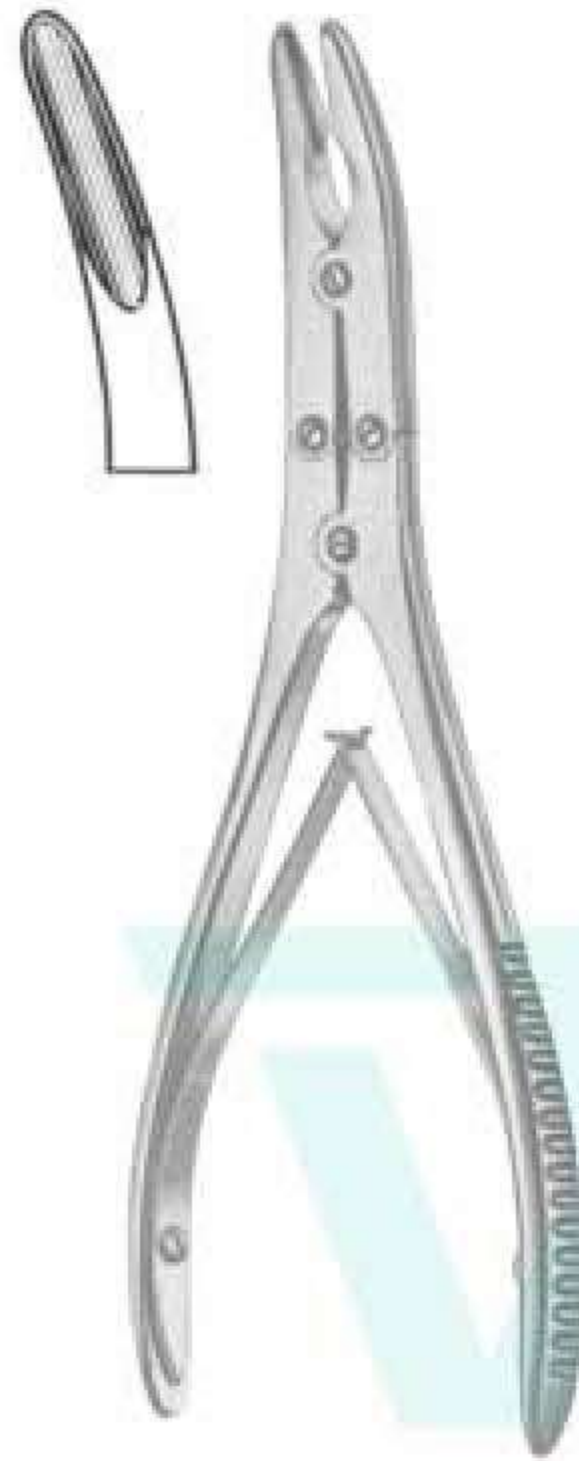


**TW4-508**  
Beyer  
170 mm

- Костные кусачки
  - Hohlmeißelzangen
  - Pincés-gouges
- Кусачки для кісток
  - Pinzas-gubias
  - روتجورس العظام



**TW4-509**  
Fig. 40  
Ruskin



**TW4-510**  
Fig. 41  
Beyer



**TW4-511**  
Fig. 50  
Liston  
140mm



**TW4-512**  
Fig. 51  
Liston  
190mm

TRUEWIN  
INDUSTRIES



**TW4-513**  
Tomati  
120mm

## CROWN REMOVER



- Инструменты для удаления коронок
- Arrache-couronnes
- Teleskopkronenzangen
- Инструменты для видалення коронок
- Arranca-corona
- مزيلات التاج



**TW4-514**  
160 mm

Crown Plier with plastic inserts Straight  
For ceramical and plastic crowns and bridges, with  
plastic inserts (sterilization up to 180° C).



**TW4-515**  
145 mm

Crown Plier  
with plastic inserts  
Angled



**TW4-516**  
140 mm

Universal plier for the removal  
of ceramic crowns and bridges



**TW4-517**  
Furrer  
Copper Ring  
Removing Plier.  
150 mm  
Curved



**TW4-518** 125 mm  
**TW4-519** 150 mm  
Böhm  
Pliers for telescope  
crowns.  
Diamond points  
coated.



**TW4-520**  
Metal tip  
220 mm  
Hammer With Wooden Handle



**TW4-521**  
Metal tip  
220 mm



**TW4-522**  
1  
For plaster



**TW4-523**  
2  
For metal



**TW4-524**  
Fret saw  
250 mm



**TW4-525**  
Small  
Saw Blades



**TW4-526**  
Large  
Saw Blades



**TW4-527**  
Ceri Saw



**TW4-528**  
Plaster Shears  
200 mm



Crucible Tongs  
**TW4-529** 250 mm  
**TW4-530** 320 mm



**TW4-531**  
Ceri Saw  
180 mm



**TW4-532**  
Blade  
0,12x5 mm  
Conf. 12 pcs



**TW4-533**  
Blade  
0,25x5 mm  
Conf. 12 pcs



**TW4-534**  
Blade  
0,25x3 mm  
Conf. 12 pcs