



Our Range of **Best Selling Instruments**

Professional Surgical Instruments Range



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- ✉ braxinstruments@gmail.com
- 📍 Shahab Pura Road, Sialkot - 51310 - Pakistan

Our Vision

Focusing on ultimate leadership and serving humanity with our Quality Instruments.



Our Mission

We will create a new concept of market leadership. We are serving humanity with high quality, safe and durable products.

We will enhance this vision by giving exceptional after sales services and support to our clients.

We will serve the mankind aiming to upgrade health care care services and providing patients and doctors with latest and highest medical services quality.



Our Goals

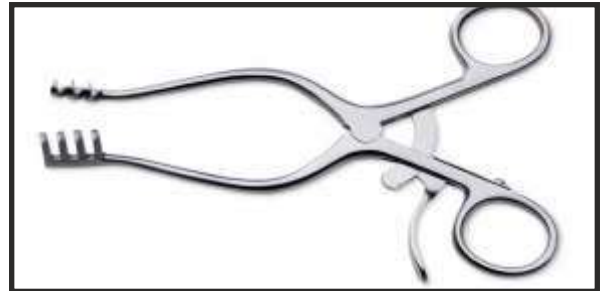
**Producing an internationally quality standard instruments.
Improve our products quality and after sales services to meet the international standards.
Exceed our client's expectation and desire.
Proving our credibility and reliability related to all technical as well as ethical aspects.**



Different Types of Finishing

Standard / Dull Finish

Instruments with their real original stainless steel image supported by a satin/dull finish with minimal light reflection. Those instruments are the standard used by all surgeons everywhere. You can easily find different varieties and different specialties available on our stock.



Mirror Finish

Standard finish made of high quality stainless steel provided in a shiny mirror finish.

Those instruments are made upon customer request to have this unique image and shine of silver. It gives the instrument a shape of dignity.



TC Gold Finish

These types of instruments have a Tungsten Carbide tip with Gold plated handle. These types of instruments have a very long working life.



Color Coated Finish

Titanium or Plasma Color coating is mostly used in Beauty instruments which makes the items very durable, safe from rust, and also makes them very shiny, color full, eye-catching. It is available in different colors.





CORPORATE GOAL

To be the market leader in manufacturing world's finest Surgical & Dental Instruments, at the most competitive prices.

Never compromise on Quality!

During the initial years of our formation, we worked hard to precisely understand the requirements of our respected customers, which has gradually improved over time. As our guiding philosophy, we put the concepts of "Customer First" and "Quality First" into practice, to respond to the expectation of our customers.

QUALITY ASSURANCE

Our commitment to the quality ethics and performance of all our instruments is demonstrated by our accreditation to the International quality assurance standards of ISO 9001:2008, ISO 13485:2003, cGMP & CE.

GUARANTEE

Our guarantee is your complete satisfaction.

We take great pride in our reputation for manufacturing "consistent" quality instruments as per our customer's requirements. We offer our customers a complete guarantee when it comes to the workmanship and materials of all our products.

R&D

Our company take R&D as a continuing driving force for the research and development of our Instruments. Our company is well equipped with in-house R&D department, with state of the art machinery, where every piece is put through stringent tests before its final assembling. It provides us ample scope to adapt the needs of our valued clients.

CHILD LABOR POLICY

As good corporate citizens and most importantly as a matter of social responsibility, we are committed to the ideas of protecting children from the exploitations of child labor. We strongly believe that the future growth of children, of their communities and the country as a whole is best served through education, not child labor.



REPAIR & RESTORATION

We offers complete surgical and dental instruments repair and restoration service, utilized in all kinds of operating procedures at very competitive rates.

Our services include, but are not limited to, complete set restoration, instrument customization, gold plating, laser/chemical etching, coding, final finishing, Re-Polishing and most importantly the functional performance of an instrument and its aesthetic appearance.

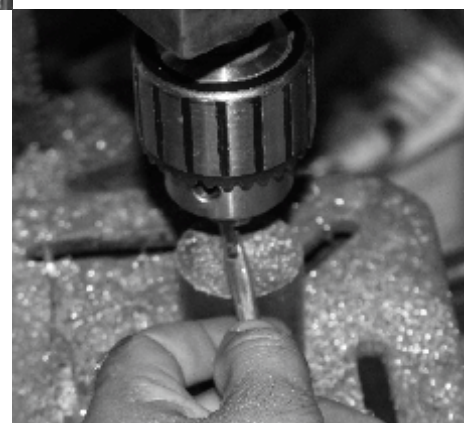


OEM MANUFACTURING

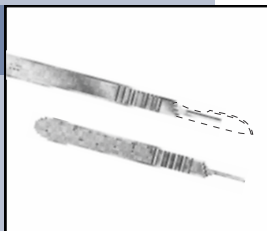
We not only manufactures fine quality surgical instruments, but we also provide complete modification and customization of instrument design according to its specific usage. All OEM instruments are carefully hand crafted with details to guarantee quality and exact specifications.

We can work pretty much on anything, from physical samples to hand drawn sketches, high precision 3D CAD models and drawings.

Our experience and knowledge in hand crafting surgical and dental instruments, combined with modern engineering capabilities, allow us to adopt the finest techniques to apply to each product, to accomplish the outcomes our customers require.



01



Scalpels

Skalpelle
Bisturis
Escalpelos

Page 01 - 11

02



Scissors

Schere
Tesouras
tijeras

Page 12 - 52

03



Dissecting & Tissue Forceps

Präparierende & Gewebszange
Pinça de dissecação e tecido
Dissección y pinzas de tejido

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04



Artery Forceps

Arterienzange
Pinça de artéria
Pinzas arteriales

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05



Cotton Swap Forceps

Wattestäbchen
Pinça de cotonete de algodão
Fórceps de algodón

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06



Retractors

Wundhaken
Retratores
Retractoires

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07



Probes

Sonden
Sondas
Sondas

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08

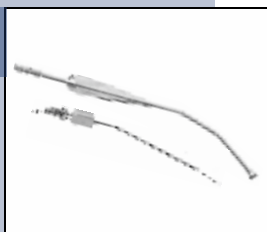


Diagnostics

Diagnose
Diagnóstico
Diagnostico

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09



Trocars, Suction Tubes, Cannulas

Trokare, Saugrohre, Kanülen
Trocars, Tubos de Sucção, Cânulas
Trocars, tubos de succión, cánulas

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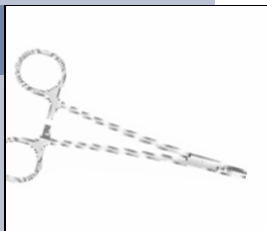


Anaesthesia

Anästhesie
Anestesia
Anestesia

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11



Suture

Naht
Sutura
Sutura

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12

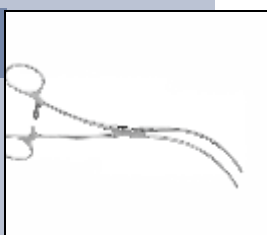


Dressing

Dressing
Vestir
Vendaje

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13

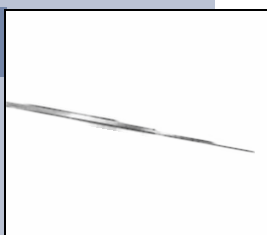


Cardiovascular Surgery

Herz-Kreislauf-Chirurgie
Cirurgia Cardiovascular
Cirugía Cardiovascular

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14



Neurosurgery, Laminectomy

Neurochirurgie, Laminektomie
Neurocirurgia, Laminectomia
Neurocirugía, laminectomía

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Tracheotomy

Tracheotomie
Traqueotomia
Traqueotomía

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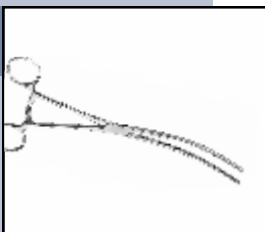


Dermatology

Dermatologie
Dermatologia
Dermatología

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17



Stomach, Intestines, Rectum

Magen, Darm, Rektum
Estômago, Intestinos, Reto
Estómago, intestinos, recto

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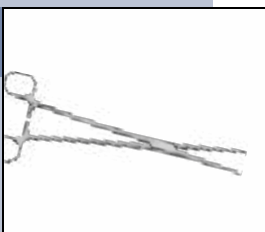


Liver, Gall Bladder, Kidney and Urology

Leber, Gallenblase, Niere und Urologie
Fígado, vesícula biliar, rim e urologia
Hígado, vesícula biliar, riñón y urología

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Gynecology

Gynäkologie
Ginecologia
Ginecología

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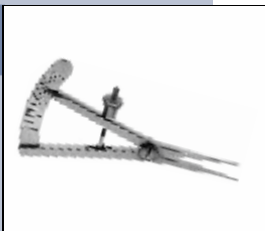


Obstetrics

Geburtshilfe
Obstetrícia
Obstetricia

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21



Calipers

Bremssättel
Pinças
Calibrador

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22



Otology

Otologie
Otologia
Otología

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Rhinology

Rhinologie
Rinologia
Rinología

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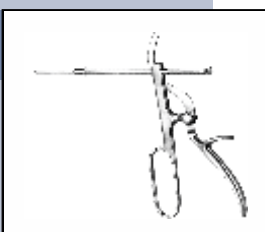


Oral Maxillo-Facial Surgery

Mund-Kiefer-Gesichtschirurgie
Cirurgia Maxilofacial Oral
Cirugía maxilofacial oral

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25

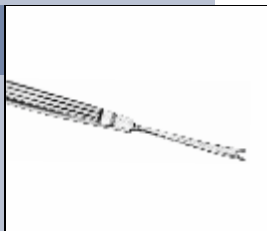


Tonsillectomy, Laryngo-Bronchoscopy

Tonsillektomie, Laryngo-Bronchoskopie
Amigdalectomia Laryngo-broncoscopia
Amigdalectomía, laringoscocoscopia

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Cranio-Maxillo-Facial Surgery

Cranio-Maxillo-Gesichtschirurgie
Cirurgia Cranio-Maxilo-Facial
Cirugía cráneo-maxilar-facial

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27



Holloware

Holloware
Holloware
Holloware

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28



Dissecting Kits

Kits zerlegen
Kits de Dissecação
Kits de disección

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Scalpels

Skalpelle

Bisturis

Escalpelos

Page 01-09



1/2

BI-01-006 - BI-01-010
Fig. 1 - 10
With metal handle



30 mm



BI-01-001
Fig. 1
15 cm



36 mm



BI-01-002
Fig. 2
15 cm



40 mm



BI-01-003
Fig. 3
15.5 cm



45 mm



BI-01-004
Fig. 4
16 cm



50 mm



BI-01-005
Fig. 5
16 cm



27 mm



BI-01-006
Fig. 6
15 cm



35 mm



BI-01-007
Fig. 7
15 cm



40 mm



BI-01-008
Fig. 8
16 cm



47 mm



BI-01-009
Fig. 9
16 cm



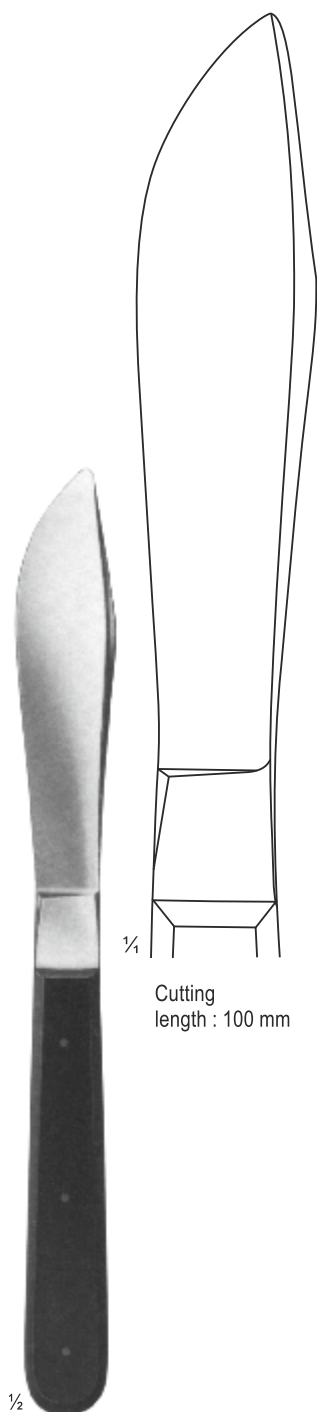
50 mm



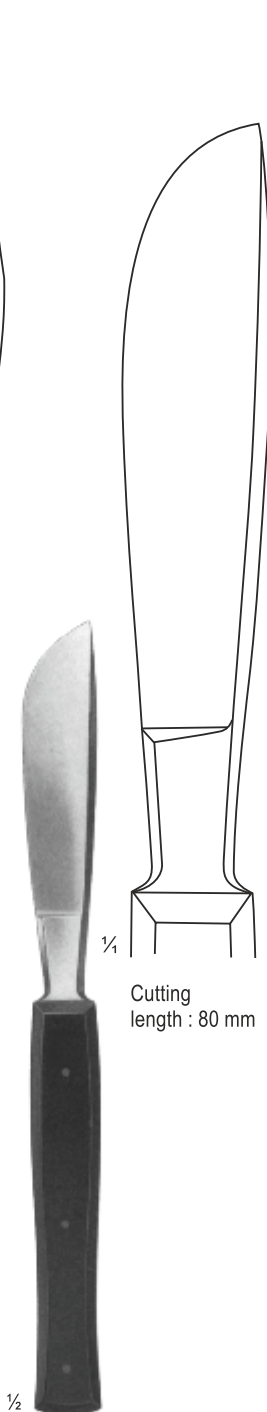
BI-01-010
Fig. 10
17 cm

Autopsy, Cartilage, Post Mortem Knives

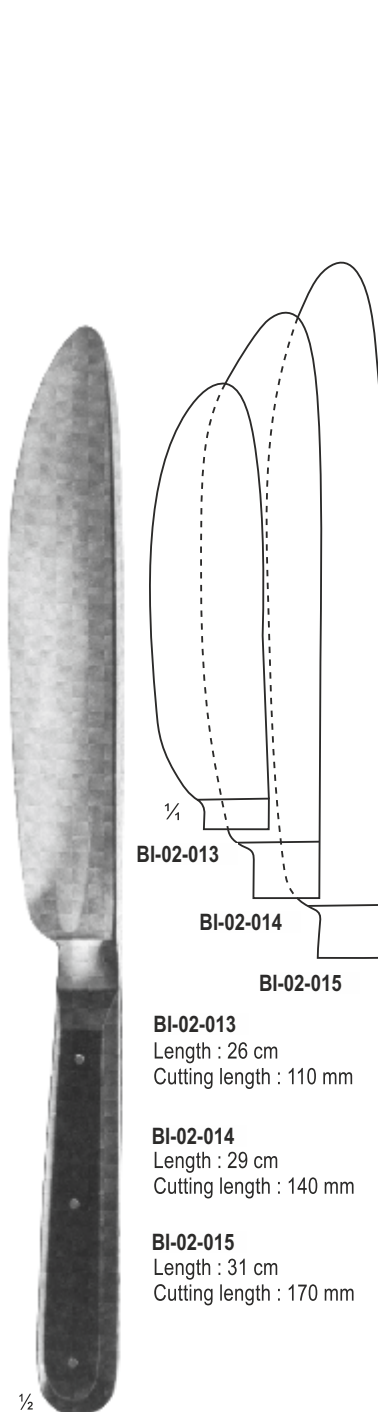
Autopsie, Knorpel, Post Mortem Messer
 Autópsia, cartilagem, Post Mortem Knives
 Autopsia, Cartilago, Cuchillos Post Mortem



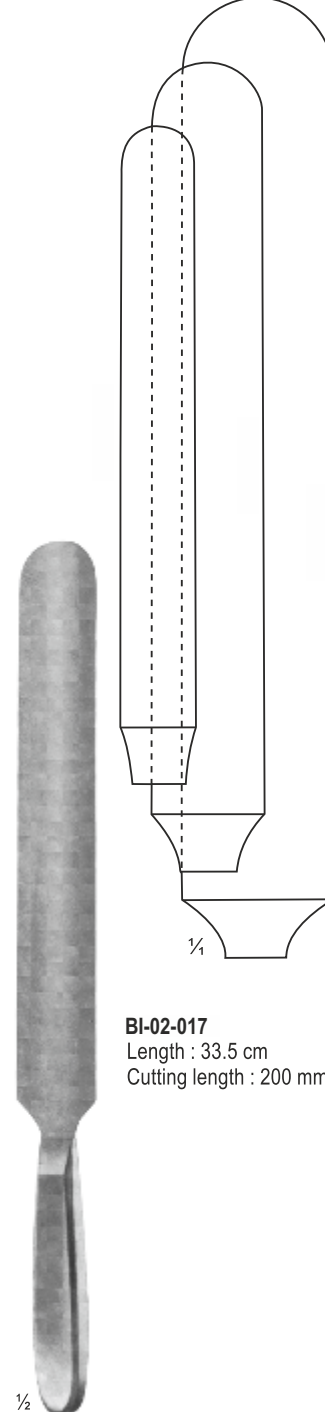
BI-02-011
 25 cm
 With wooden handle



Virchow
BI-02-012
 21 cm
 With wooden handle



Walb
BI-02-013 - BI-02-015
 With wooden handle



Virchow
BI-02-016
 With hollow handle

Amputating, Cartilage, Autopsy Knives, Interosseous Knives
Amputation, Knorpel, Autopsie Messer, Interosseus Messer
Amputação, Cartilagem, Facas de Autópsia, Facas Interósseas
Amputaciones, cartílagos, cuchillos de autopsia, cuchillos interóseos



BI-03-018
5.5 cm
Blade length
With raspatory,
Wooden handle



BI-03-019
7 cm
Blade length
Wooden handle



Langenbeck
BI-03-020
18 cm



Langenbeck
BI-03-021
18 cm



BI-04-022 BI-04-023 BI-04-024 BI-04-025 BI-04-026 BI-04-027 BI-04-028 BI-04-029 BI-04-030 BI-04-031



BI-04-032 BI-04-033 BI-04-034 BI-04-035 BI-04-036 BI-04-037 BI-04-038 BI-04-039 BI-04-040 BI-04-041
Tenotome

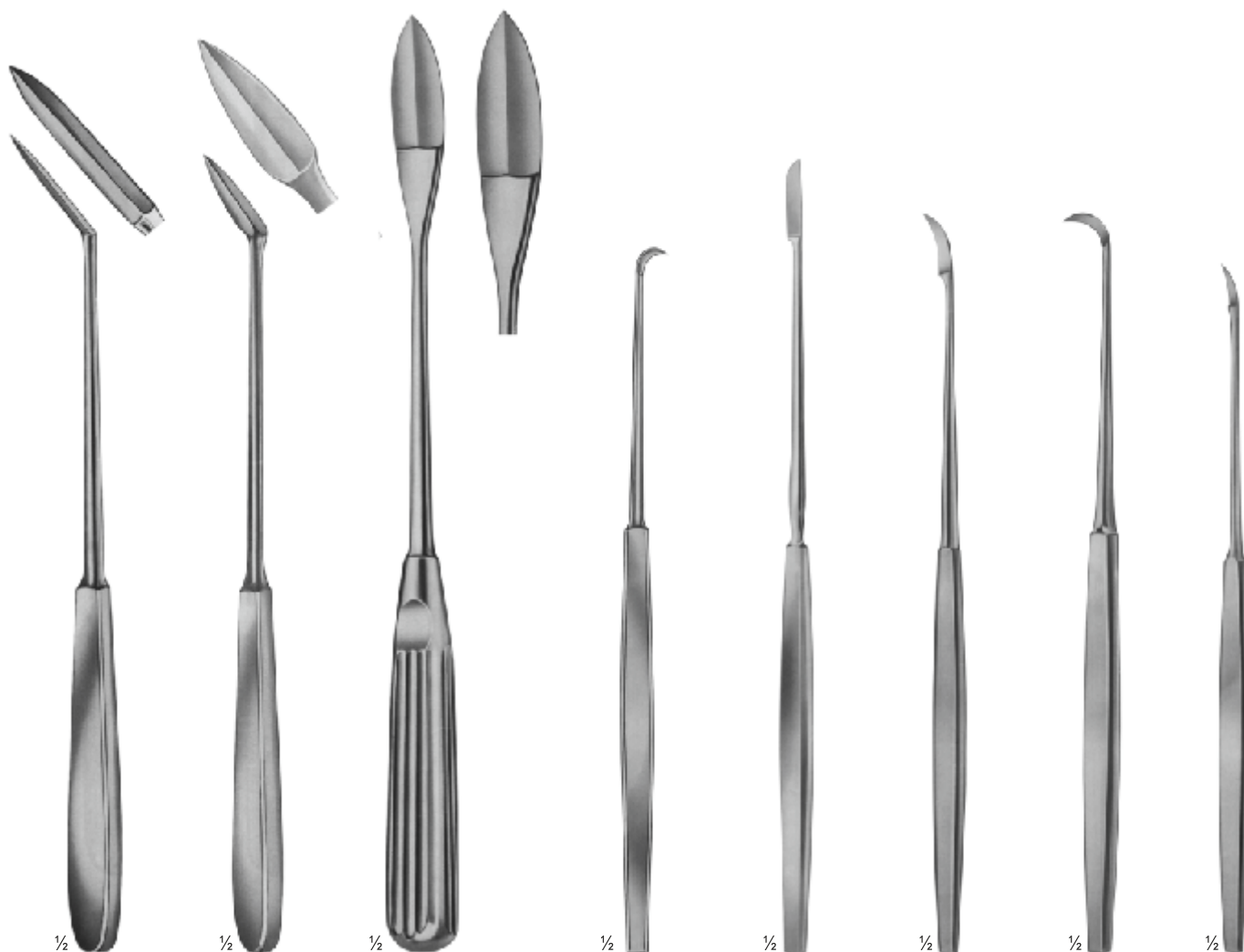
BI-04-022 - BI-04-041
14 cm - 17.5 cm

Cone Knives, Myomatome, Trigeminal, Tonsil Knives

Kegelmesser, Myomatome, Trigeminus, Tonsillennmesser

Facas Cone, Myomatome, Trigeminal, Facas Amígdalas

Cuchillos Cono, Myomatome, Trigeminal, Tonsil Knives



Ayre
BI-05-042
23.5 cm
Cone knife

BI-05-043
23 cm
Cone knife

Segond
BI-05-044
27 cm
Myomatome

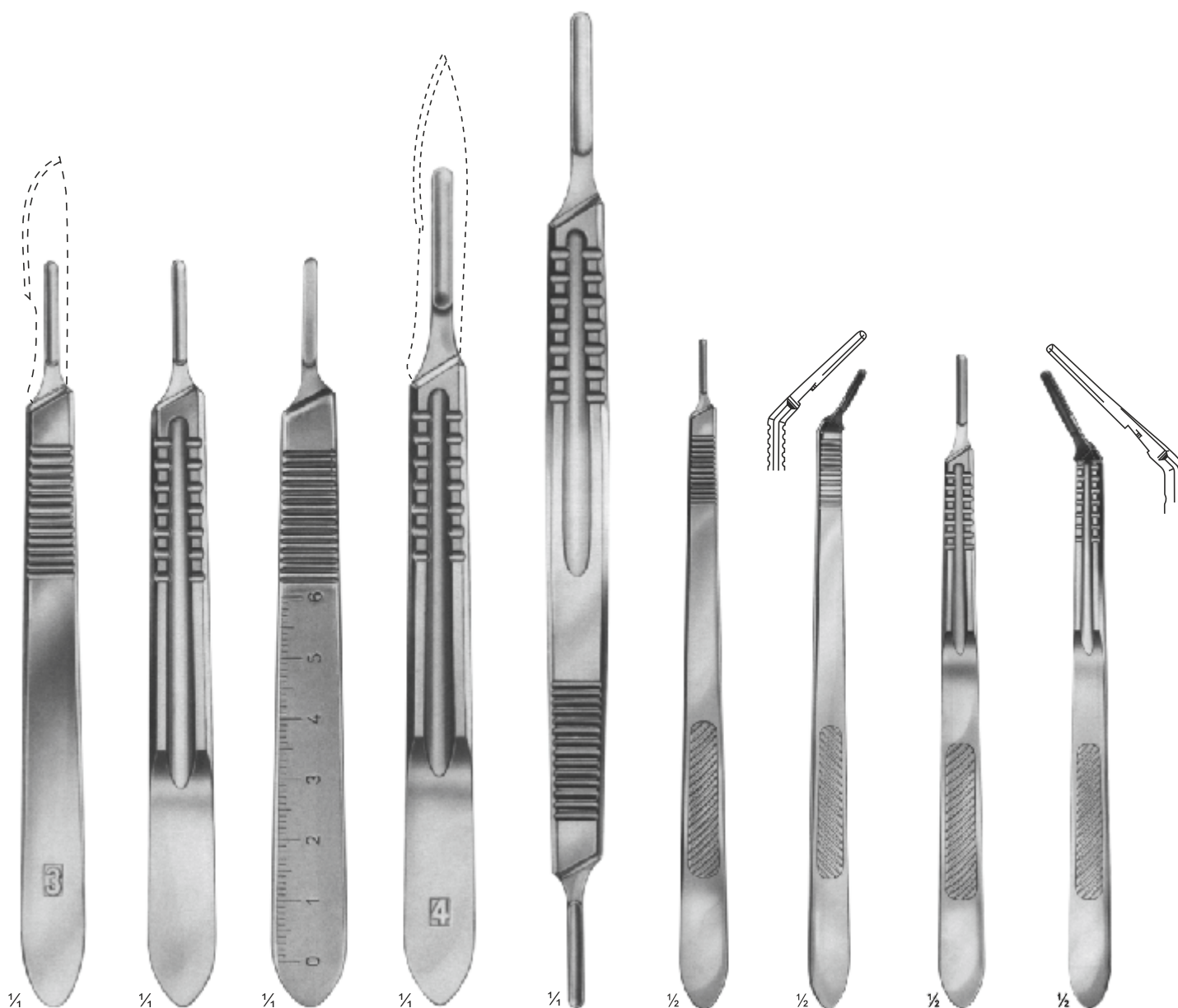
Olivecrona
BI-05-045
20.5 cm
Trigeminal knife

BI-05-046
23 cm
Trigeminal knife

Abraham
BI-05-047
21.5 cm
Tonsil knife

Bruenings
BI-05-048
21.5 cm
Tonsil knife

Fowler
BI-05-049
20 cm
Tonsil knife



Standard
BI-06-050
No. 3
12 cm
Solid

BI-06-051
No. 3
12 cm
Solid

BI-06-052
No. 3
12 cm
Solid

Standard
BI-06-053
No. 4
13.5 cm
Solid

BI-06-054
Double handle
No. 4 + No. 3
16 cm
Solid

BI-06-055
No. 3 L
Straight
21.5 cm
Solid
Long

BI-06-056
No. 3 L
Angled
20.5 cm
Solid
Long

BI-06-057
No. 4 L
Straight
21 cm
Solid

BI-06-058
No. 4 L
20.5 cm
Solid angled



BI-07-059
No. 7
16 cm
Solid



BI-07-060
No. 7 K
12.5 cm
Solid



BI-07-061
No. 3
Hollow-Round
15.5 cm



BI-07-062
No. 3
Straight
14 cm
Solid



BI-07-063
No. 3
Angled
14 cm
Solid



Collin
BI-07-064
No. 8
13.5 cm
Hollow



Collin
BI-07-065
No. 9
14.5 cm
Hollow



Beaver
BI-07-066
No. 3K
11.5 cm

BI-07-067
No. 3KL
15.5 cm



1/2

Silver
BI-08-068
 19.5 cm
 For usual razor blades
 Dermatome

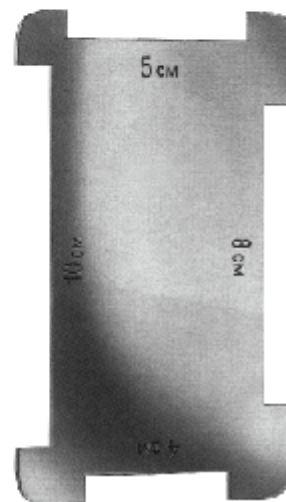


1/2

Schink
BI-08-069
 30 cm
 Adjustable from
 0.1 to 2.0 mm



Schink
BI-08-070
 Spare blade



Schink
BI-08-071
 Skin fixing plate



1/2

Watson
BI-09-072
32 cm
Complete with blade



1/2

Humby
BI-09-073
32 cm
Complete with blade



Humby
BI-09-074
Spare blade



Scissors

Schere

Tesouras

tijeras

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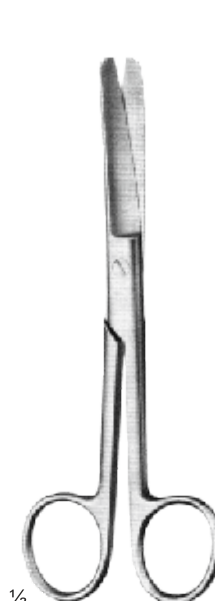
Standard
BI-12-001 - BI-12-007
14.5 cm
BL/BL



BI-12-001 12 cm
BI-12-002 13 cm
BI-12-003 14.5 cm
BI-12-004 16.5 cm
BI-12-005 18.5 cm
BI-12-006 20.5 cm
BI-12-007 25 cm



Straight



Standard
BI-12-008 - BI-12-014
14.5 cm
BL/BL



BI-12-008 12 cm
BI-12-009 13 cm
BI-12-010 14.5 cm
BI-12-011 16.5 cm
BI-12-012 18.5 cm
BI-12-013 20.5 cm
BI-12-014 25 cm



Curved



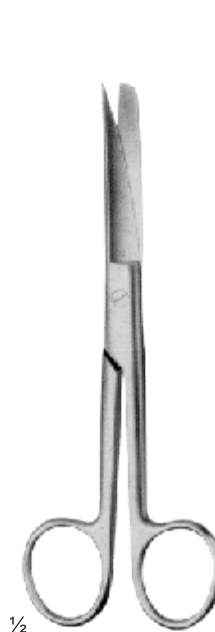
Standard
BI-12-015 - BI-12-021
14.5 cm
SH/BL



BI-12-015 12 cm
BI-12-016 13 cm
BI-12-017 14.5 cm
BI-12-018 16.5 cm
BI-12-019 18.5 cm
BI-12-020 20.5 cm
BI-12-021 25 cm



Straight



Standard
BI-12-022 - BI-12-028
14.5 cm
SH/BL



BI-12-022 12 cm
BI-12-023 13 cm
BI-12-024 14.5 cm
BI-12-025 16.5 cm
BI-12-026 18.5 cm
BI-12-027 20.5 cm
BI-12-028 25 cm



Curved



1/2

Standard
BI-13-029 - BI-13-035
14.5 cm
SH/SH

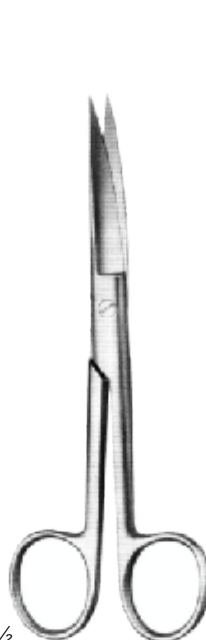


1/4

BI-13-029 12 cm
BI-13-030 13 cm
BI-13-031 14.5 cm
BI-13-032 16.5 cm
BI-13-033 18.5 cm
BI-13-034 20.5 cm
BI-13-035 25 cm



Straight



1/2

Standard
BI-13-036 - BI-13-042
14.5 cm
SH/SH



1/4

BI-13-036 12 cm
BI-13-037 13 cm
BI-13-038 14.5 cm
BI-13-039 16.5 cm
BI-13-040 18.5 cm
BI-13-041 20.5 cm
BI-13-042 25 cm

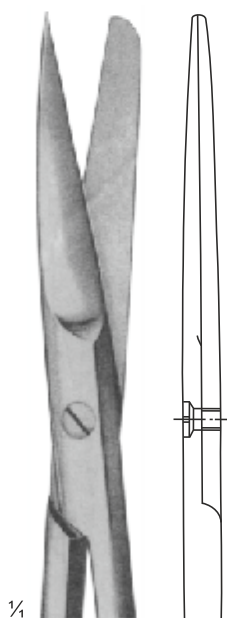


Curved



1/2

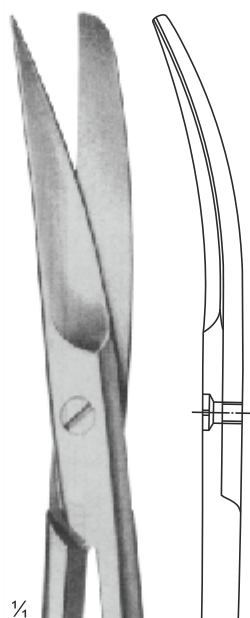
Deaver
BI-13-043 - BI-13-044
14.5 cm



1/4

BI-13-043
14.5 cm

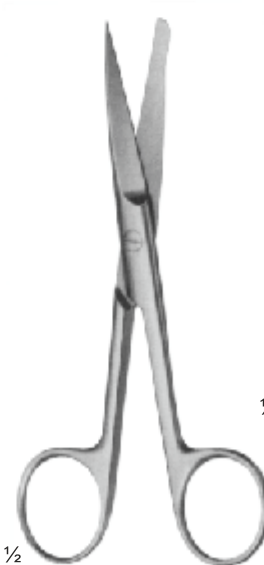
Straight



1/4

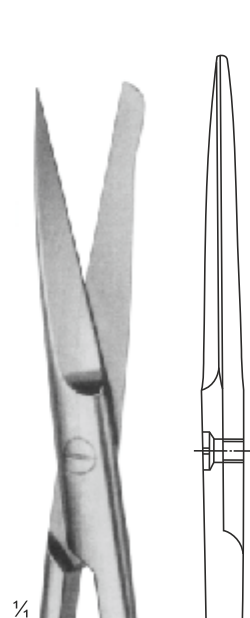
BI-13-044
14 cm

Curved



1/2

Incision Scissors
BI-13-045 - BI-13-047
14.5 cm



1/4

BI-13-045 13 cm
BI-13-046 14.5 cm
BI-13-047 16.5 cm

Straight

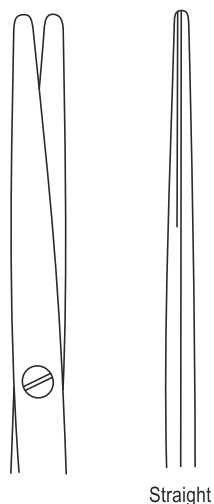
Dissecting Scissors

Präparierschere
Tesoura de dissecação
Tijeras de disección



BI-14-048 10 cm (Baby)
BI-14-049 16 cm
BI-14-050 21 cm

Lexer
BI-14-048 - BI-14-050
16 cm

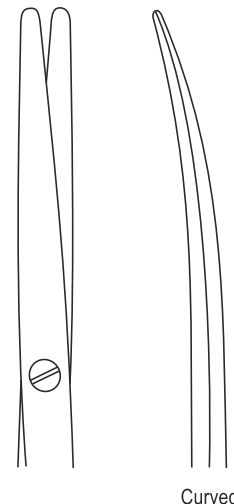


Straight

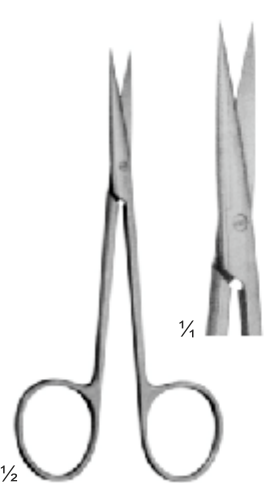


BI-14-051 10 cm (Baby)
BI-14-052 16 cm
BI-14-053 21 cm

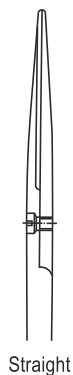
Lexer
BI-14-051 - BI-14-053
16 cm



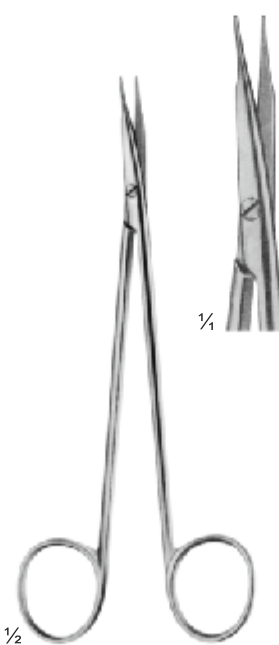
Curved



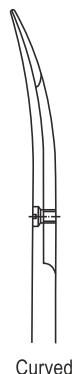
Kilner
BI-14-054
11.5 cm
Fine dissecting scissors



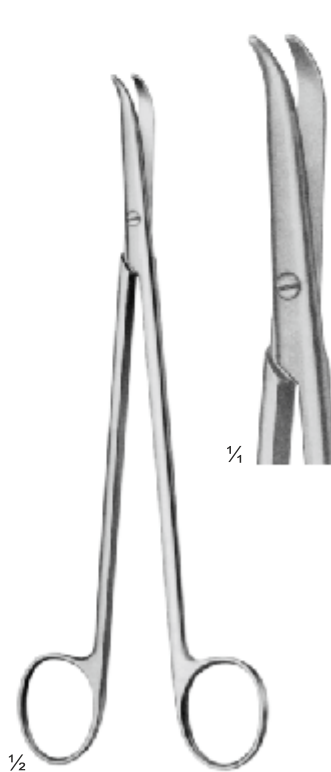
Straight



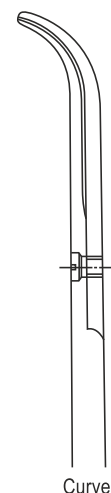
Jameson
BI-14-055
15 cm
Dissecting scissors



Curved



Thorek
BI-14-056
18.5 cm



Curved

Delicate Dissecting Scissors

Zarte Präparierschere
Tesoura de dissecação delicada
Delicadas tijeras de disección



1/2

Lexer-Fine
BI-15-057
16.5 cm
Slender pattern



Straight



1/2

Lexer-Fine
BI-15-058
16.5 cm
Slender pattern



Curved



1/2

Metzenbaum-Fine
BI-15-062 - BI-15-062
18 cm
Slender pattern



Straight

- BI-15-059** 14.5 cm
- BI-15-060** 18 cm
- BI-15-061** 20.5 cm
- BI-15-062** 23 cm



1/2

Metzenbaum-Fine
BI-15-063 - BI-15-066
18 cm
Slender pattern



Curved

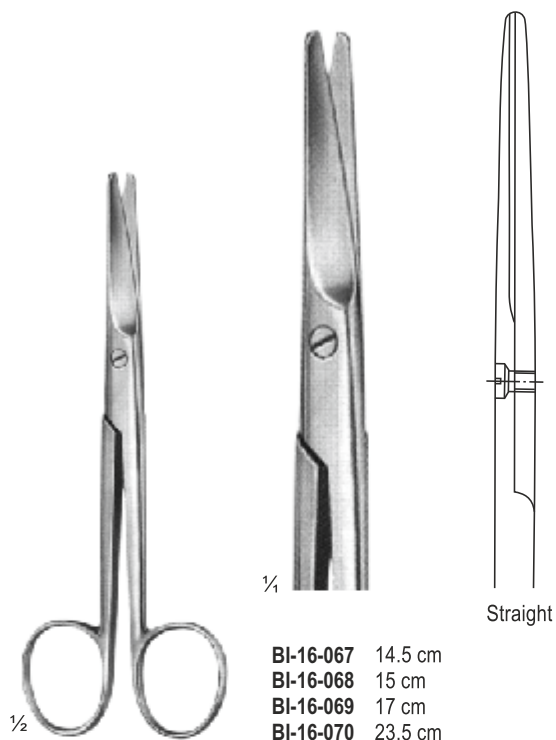
- BI-15-063** 14.5 cm
- BI-15-064** 18 cm
- BI-15-065** 20.5 cm
- BI-15-066** 23 cm

Dissecting Scissors

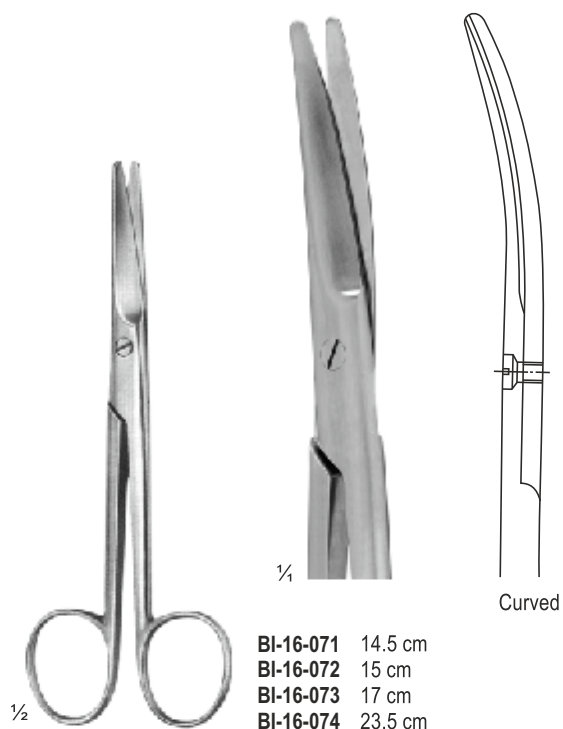
Präparierschere

Tesoura de dissecação

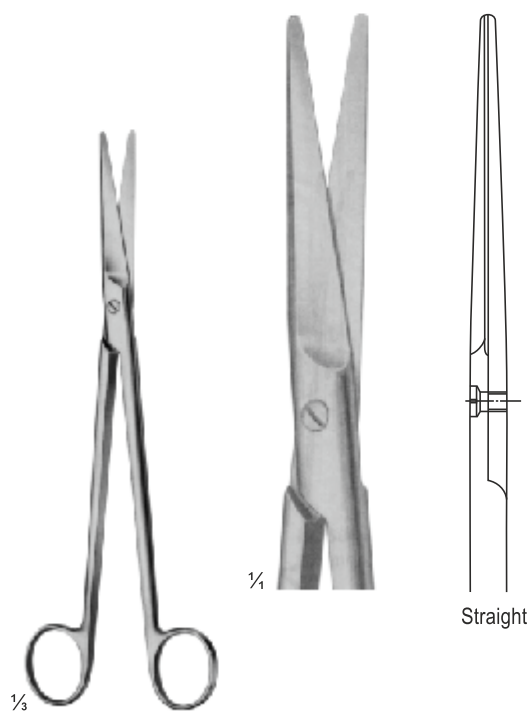
Tijeras de disección



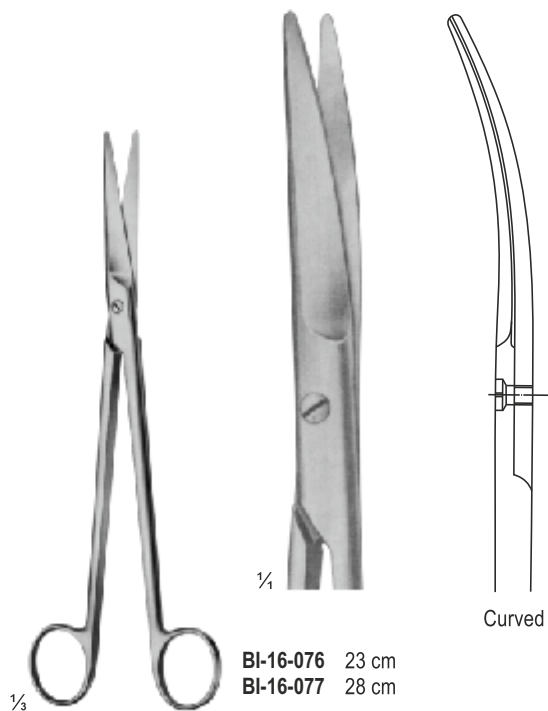
Mayo
BI-16-067 - BI-16-070
15 cm



Mayo
BI-16-071 - BI-16-074
15 cm



Mayo-Harrington
BI-16-075
23 cm



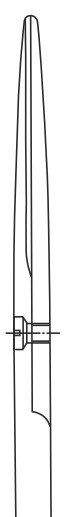
Mayo-Harrington
BI-16-076 - BI-16-077
23 cm



Mayo-Stille
BI-17-078 - BI-17-081
 16 cm



BI-17-078 15 cm
BI-17-079 16 cm
BI-17-080 17 cm
BI-17-080 19.5 cm
BI-17-081 21.5 cm



Straight



Mayo-Stille
BI-17-082 - BI-17-086
 16 cm



BI-17-082 15 cm
BI-17-083 16 cm
BI-17-084 17 cm
BI-17-085 19.5 cm
BI-17-086 21.5 cm



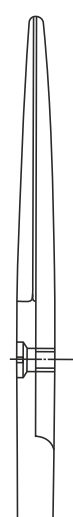
Curved



Mayo-Noble
BI-17-087
 16.5 cm



Straight



Mayo-Noble
BI-17-088
 16.5 cm



Curved

Dissecting Scissors

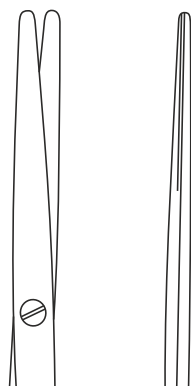
Präparierschere

Tesoura de dissecação

Tijeras de disección



Metzenbaum
BI-18-089 - BI-18-094
15.5 cm

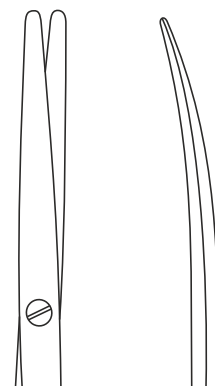


Straight

BI-18-089	11.5 cm (Baby)
BI-18-090	14.5 cm
BI-18-091	15.5 cm
BI-18-092	18 cm
BI-18-093	20 cm
BI-18-094	23 cm



Metzenbaum
BI-18-095 - BI-18-100
15.5 cm

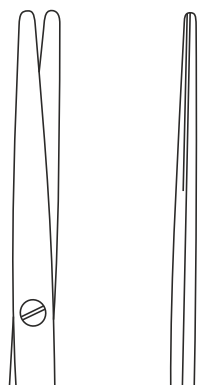


Curved

BI-18-095	11.5 cm (Baby)
BI-18-096	14.5 cm
BI-18-097	15.5 cm
BI-18-098	18 cm
BI-18-099	20 cm
BI-18-100	23 cm



Metzenbaum-Nelson
BI-18-101 - BI-18-106
18 cm

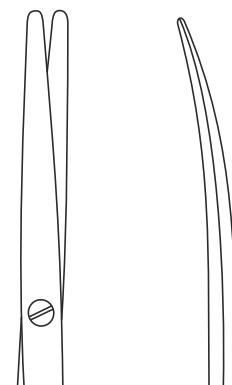


Straight

BI-18-101	18 cm
BI-18-102	20.5 cm
BI-18-103	23 cm
BI-18-104	26 cm
BI-18-105	28.5 cm
BI-18-106	31 cm



Metzenbaum-Nelson
BI-18-107 - BI-18-112
18 cm



Curved

BI-18-107	18 cm
BI-18-108	20.5 cm
BI-18-109	23 cm
BI-18-110	26 cm
BI-18-111	28.5 cm
BI-18-112	31 cm



1/2

Shea Vein Graft
BI-19-113
12 cm



Curved

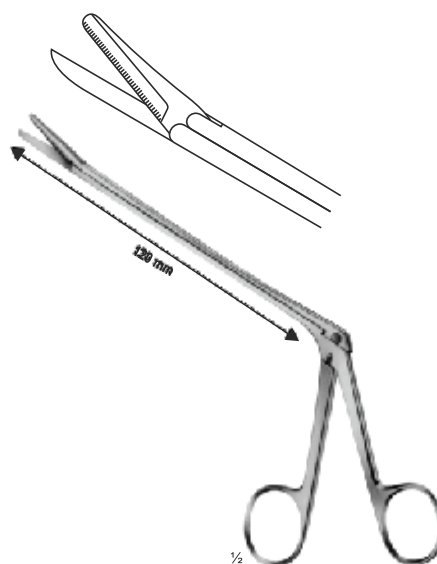


1/2

BI-19-114
13 cm
Dissecting Scissors



Curved



1/2

Olivecrona
BI-19-115
12 cm
Trigeminal Scissors

Dissecting Scissors, Iris Scissors, Operating Scissors

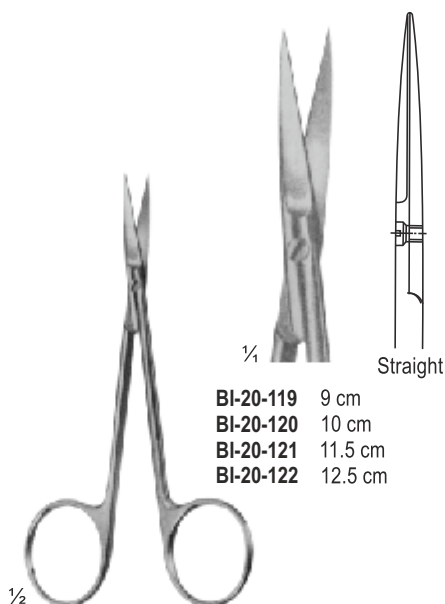
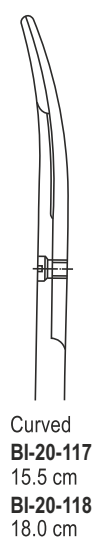
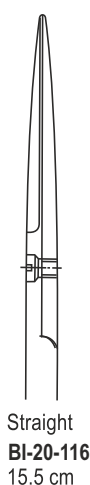
Präparierscheren, Irisscheren, Operationsscheren

Tesoura de dissecação, tesoura de íris, tesoura de funcionamento

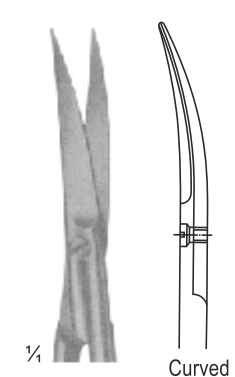
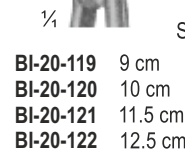
Tijeras de disección, tijeras de iris, tijeras de operación



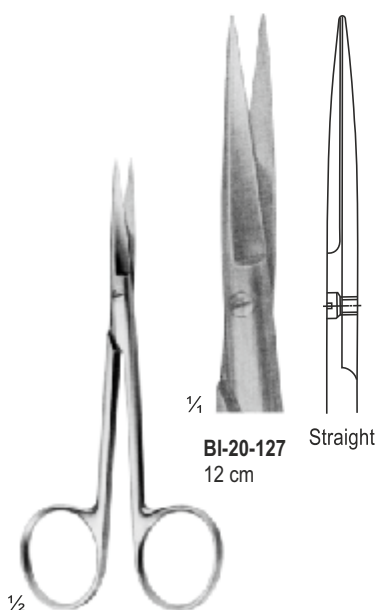
Reynolds
BI-20-116 - BI-20-118
15.5 cm
Dissecting scissors



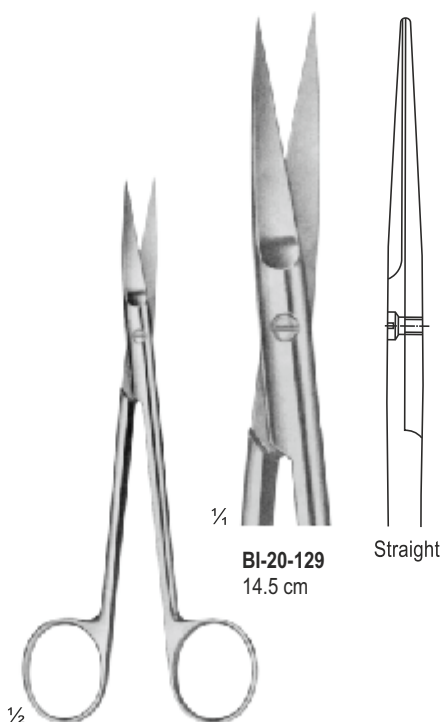
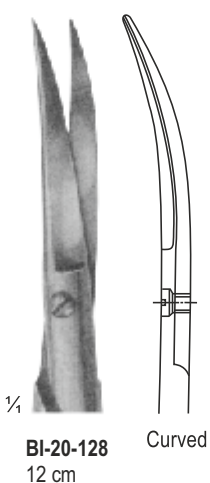
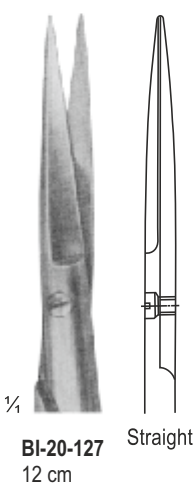
Iris
BI-20-119 - BI-20-126
11.5 cm



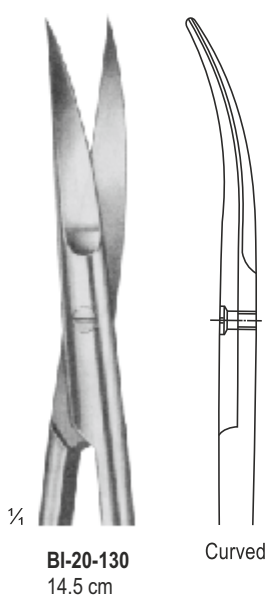
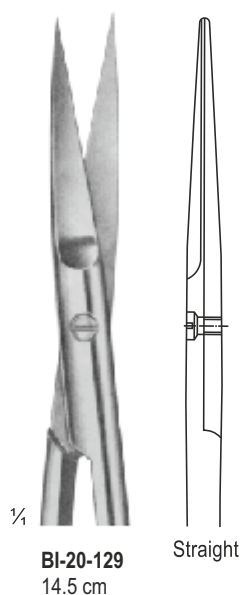
BI-20-123 9 cm
BI-20-124 10 cm
BI-20-125 11.5 cm
BI-20-126 12.5 cm



Wagner
BI-20-127 - BI-20-128
Operating scissors

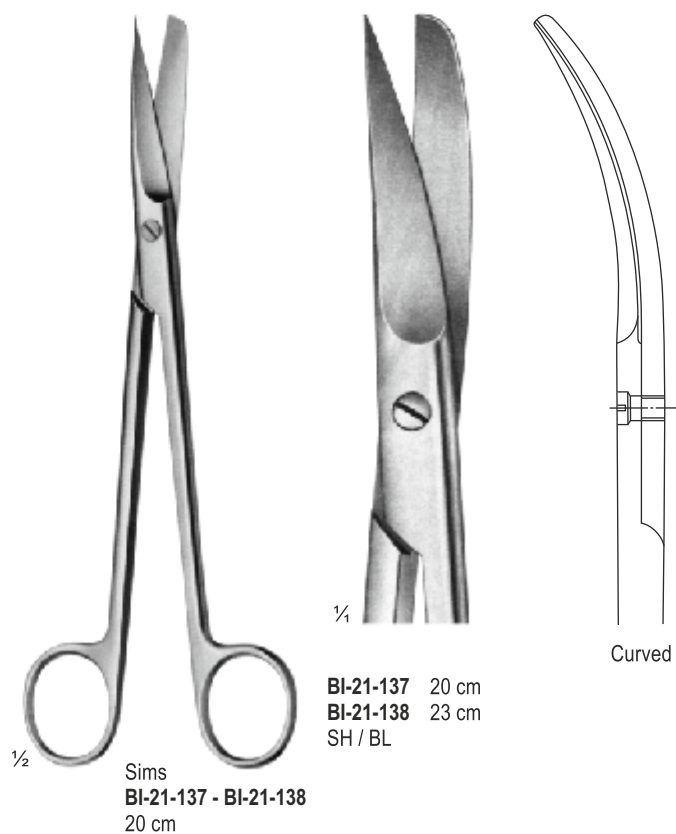
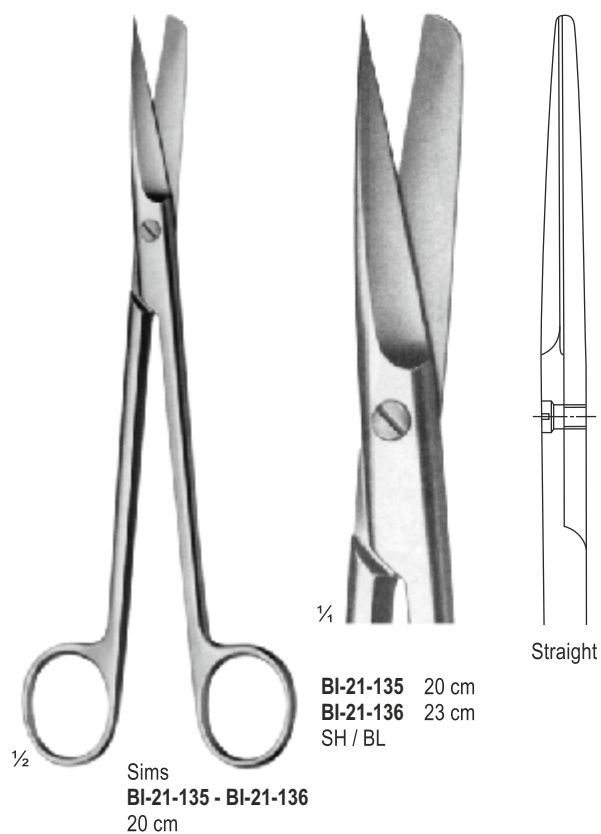
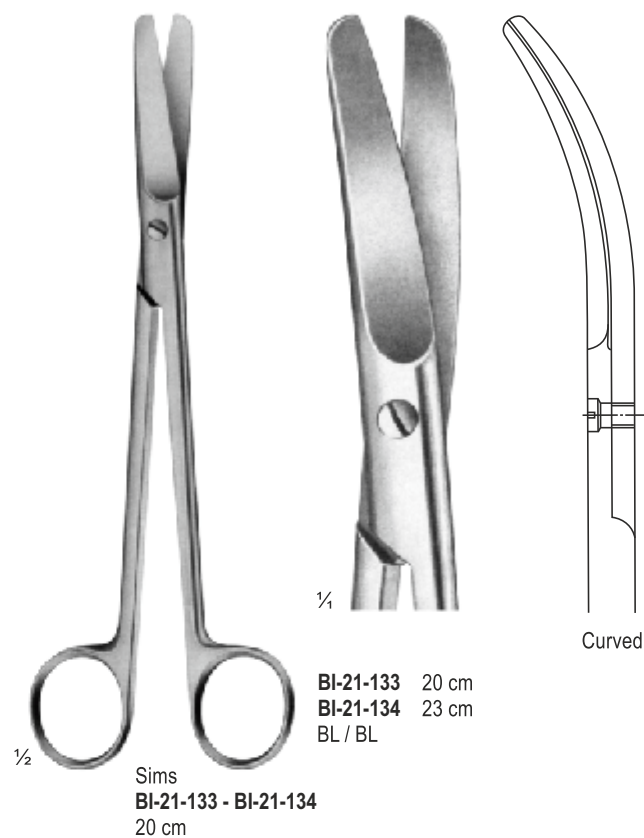
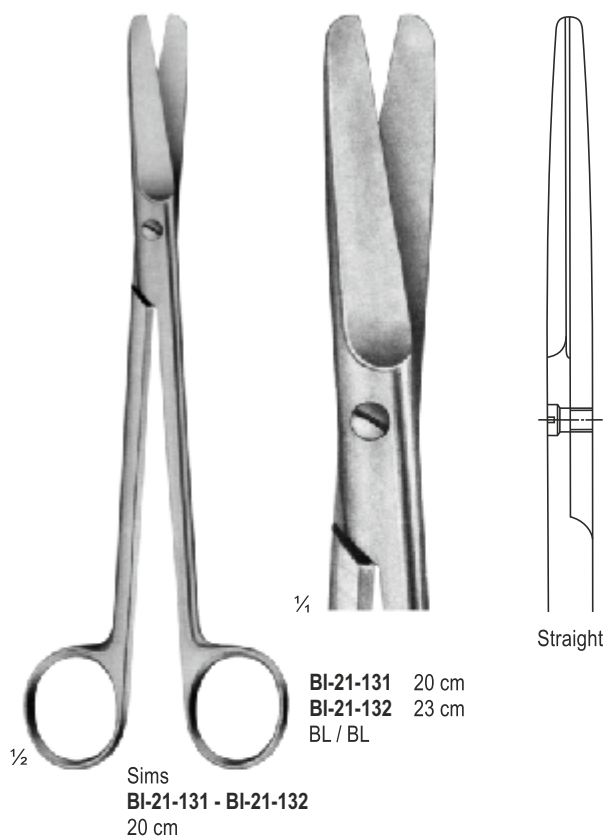


Joseph
BI-20-129 - BI-20-130
Operating scissors



Gynecology Scissors

Gynäkologische Schere
Tesoura de Ginecologia
Tijeras para ginecología



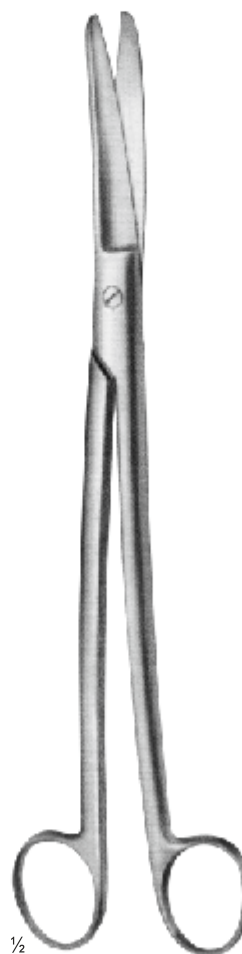


1/2

Sims-Siebold
BI-22-139
24.5 cm

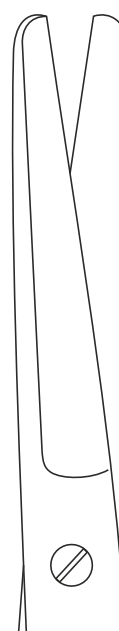


Straight



1/2

Sims-Siebold
BI-22-140
24.5 cm

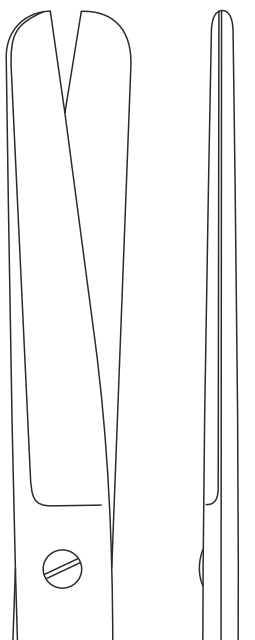


Curved





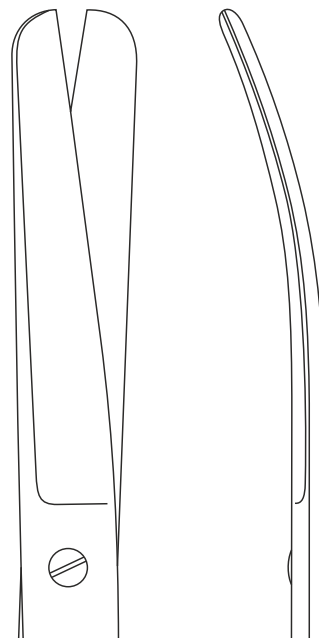
Doyen
BI-23-141
18.5 cm



Straight



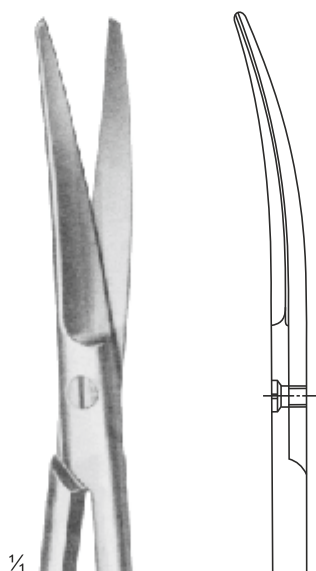
Doyen
BI-23-142
18.5 cm



Curved



Wertheim
BI-23-143 - BI-23-145
20 cm



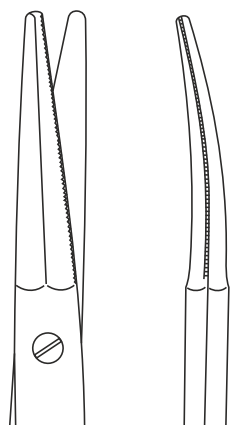
Curved

BI-23-143 14.5 cm
BI-23-144 20 cm
BI-23-145 23 cm

Face-lift Scissors
Face-Lift-Schere
Tesoura de Face-lift
Tijeras de estiramiento facial



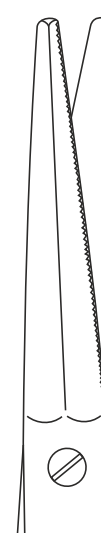
1/2
Kaye
BI-24-146
18.5 cm
One toothed cutting edge



Curved



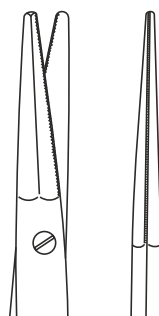
1/2
Aston
BI-24-147
17 cm
One toothed cutting edge



Straight

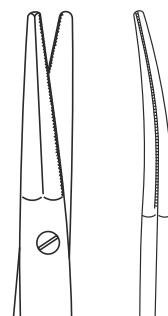


1/2
Gorney
BI-24-148 - BI-24-150
12.5 cm
One toothed cutting edge



Straight

BI-24-148
12.5 cm
BI-24-149
19.5 cm



Curved

BI-24-150
19.5 cm

Face-lift Scissors, Dissecting Scissors

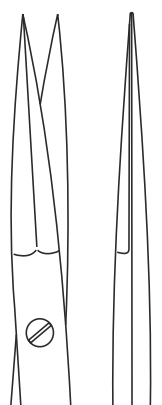
Face-Lift-Schere, Präparierschere

Tesoura de face-lift, dissecando tesouras

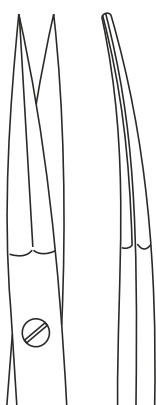
Tijeras de estiramiento facial, tijeras de disección



Peck-Joseph

BI-25-151 - BI-25-152
Sharp

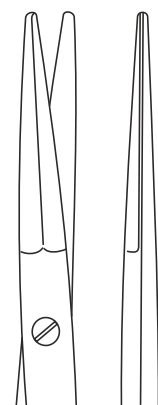
Straight

BI-25-151
14.5 cm

Curved

BI-25-152
14.5 cm

Peck-Joseph

BI-25-153 - BI-25-154
Blunt

Straight

BI-25-153
14.5 cm

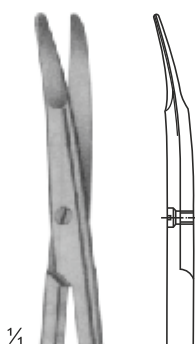
Curved

BI-25-154
14.5 cm

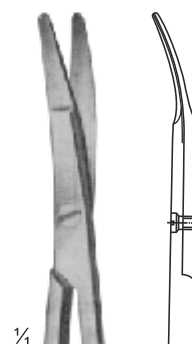
Kilner

BI-25-155 - BI-25-156

12 cm

Dissecting scissors
special flat points for dissecting
and undermining the skin

Curved

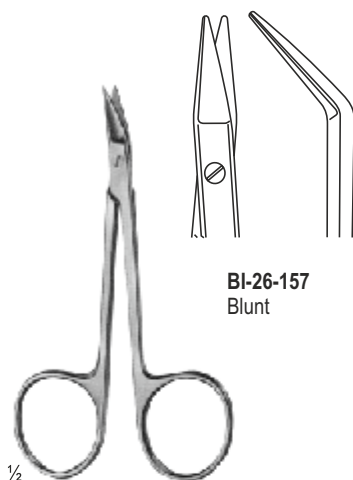
BI-25-155
12 cm

Curved

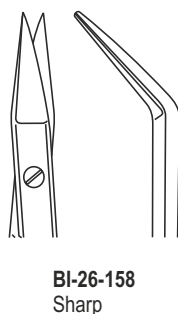
BI-25-156
15 cm

Nasal Scissors

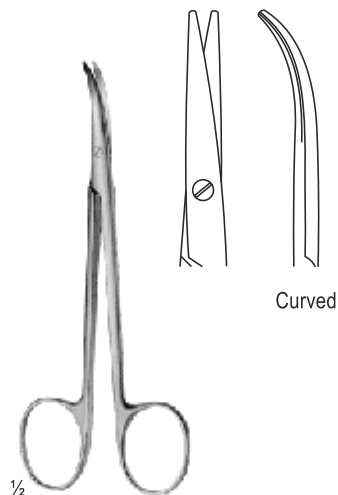
Nasenschere
Tesoura Nasal
Tijeras nasales



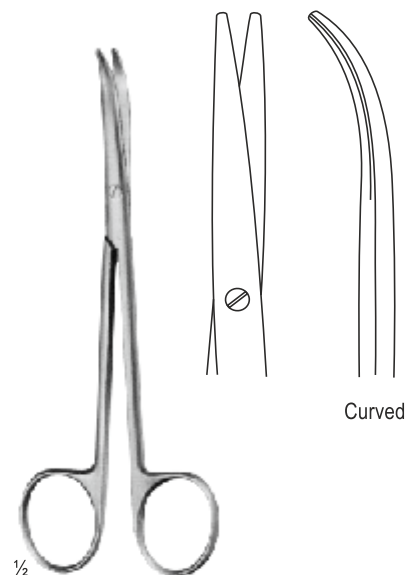
BI-26-157
Blunt



BI-26-158
Sharp



Curved

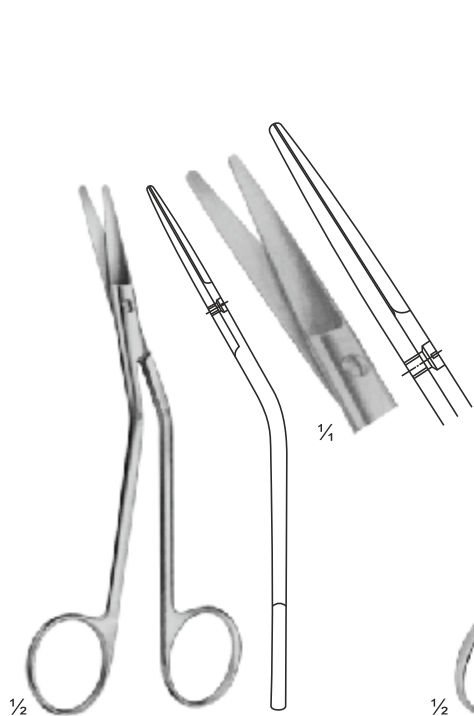


Curved

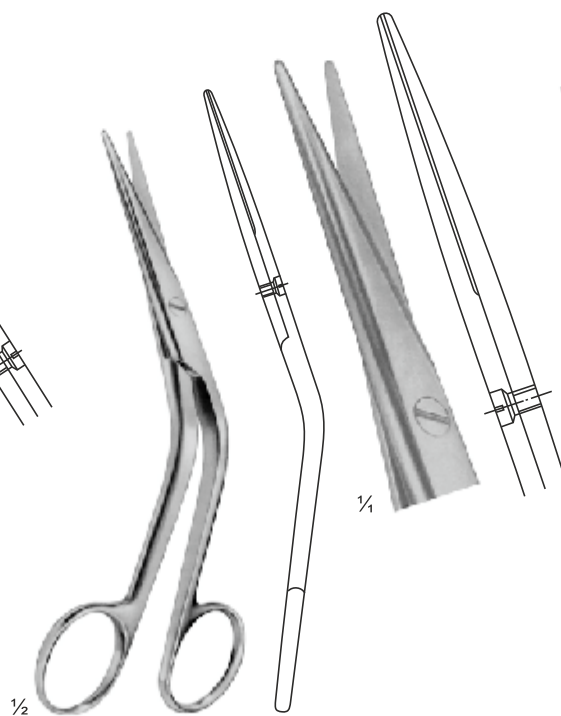
Converse
BI-26-157 - BI-26-158
10.5 cm

Cinelli
BI-26-159
11.5 cm

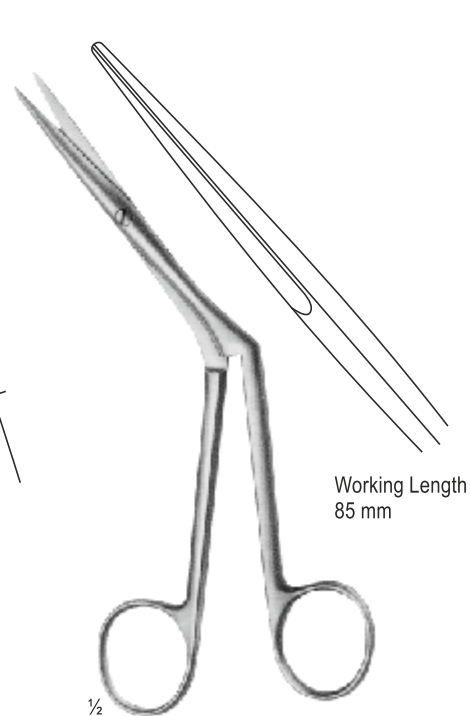
Cinelli
BI-26-160
14 cm



Fomon
BI-26-161
Blades serrated
14 cm



Cottle
BI-26-162
15.5 cm



Heymann
BI-26-163
18.5 cm



1/2

Goldman-Fox
BI-27-164 - BI-27-165
13 cm
One toothed cutting edge



BI-27-164



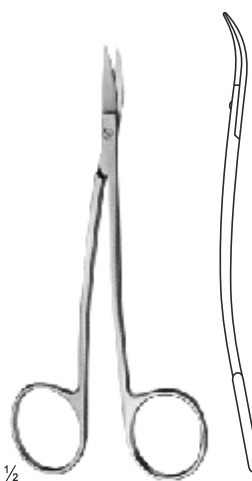
Straight



BI-27-165

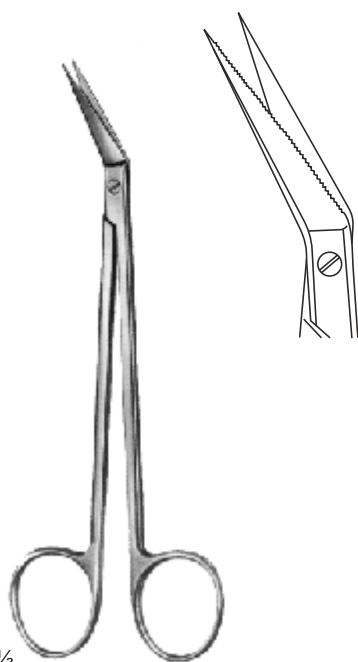
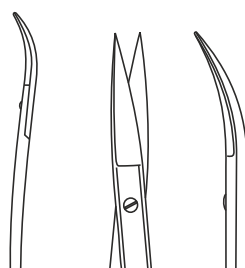


Curved



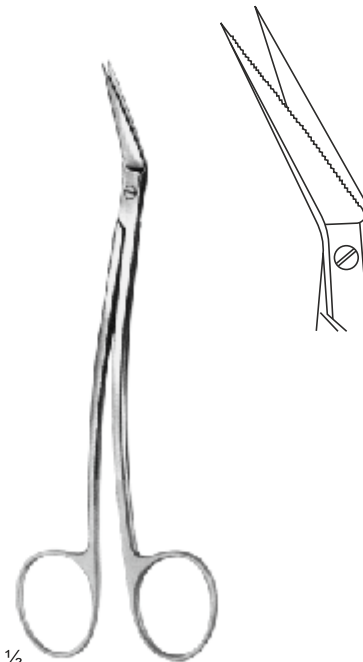
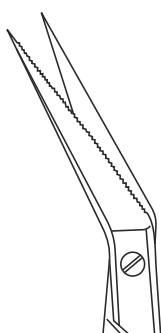
1/2

La Grange
BI-27-166
11.5 cm
S-shape



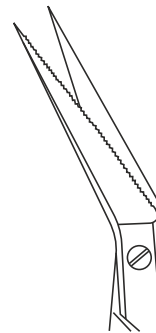
1/2

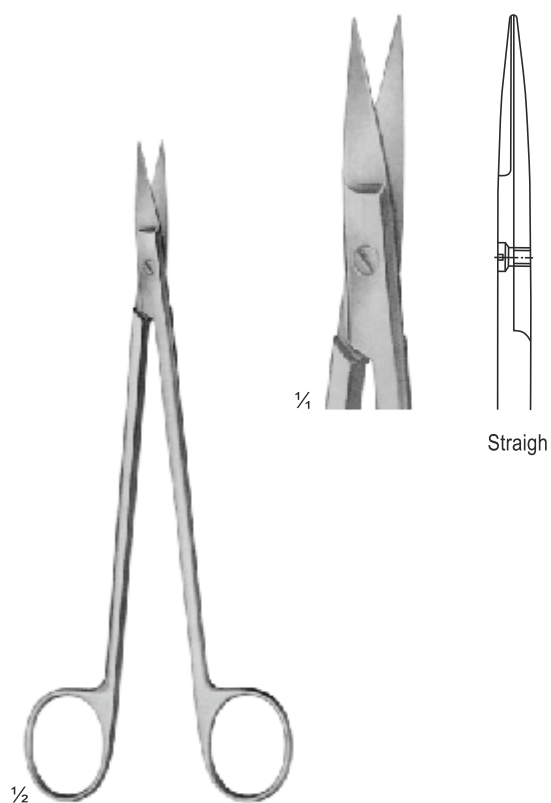
Locklin
BI-27-167
16 cm
One toothed cutting edge



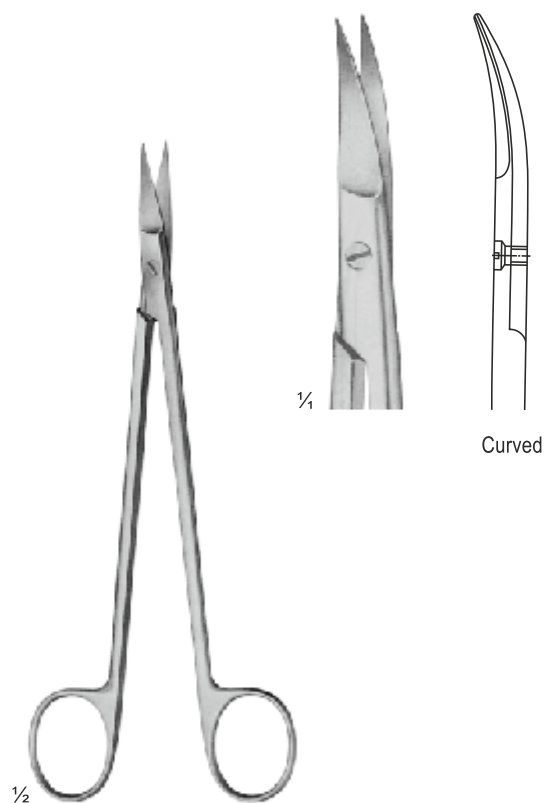
1/2

Locklin
BI-27-168
16 cm
S-shape
One toothed cutting edge





Kelly
BI-28-169
16 cm



Kelly
BI-28-170
16 cm

Vascular Scissors, Coronary Scissors

Gefäßschere, Koronarschere
Tesoura Vascular, Tesoura Coronária
Tijeras Vasculares, Tijeras Coronarias



1/2

Diethrich
BI-29-171 - BI-29-175
17.5 cm

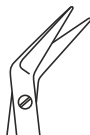


BI-29-171
19 cm

25°



10 mm



BI-29-172
18.5 cm

45°



10 mm



BI-29-173
17.5 cm

60°



10 mm



BI-29-174
17.5 cm

90°



10 mm



BI-29-175
17.5 cm

120°



10 mm



1/2

Micro-Hegemann
BI-29-176 - BI-29-180
18.5 cm

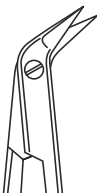


BI-29-176

25°



10 mm



BI-29-177

45°



10 mm



BI-29-178

60°



10 mm



BI-29-179

90°



10 mm



BI-29-180

120°



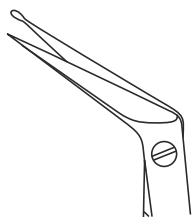
10 mm



Potts-Smith

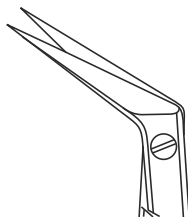
BI-30-181 - BI-30-184

19 cm



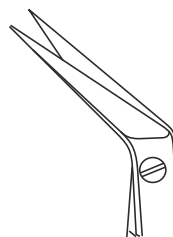
BI-30-181

60°



BI-30-182

60°



BI-30-183

40°



BI-30-184

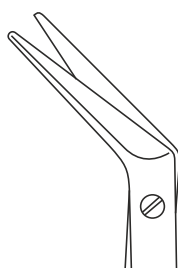
25°



DeBakey

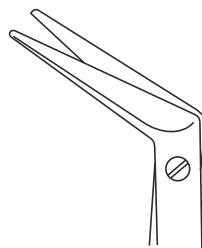
BI-30-185 - BI-30-186

16 cm



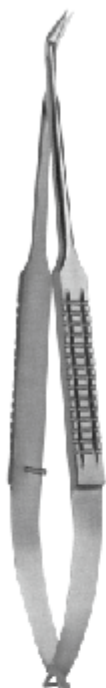
BI-30-185

45°



BI-30-186

60°



BI-31-187 - BI-31-196



25°



45°



60°



90°



125°

	Material	10 mm	10 mm	10 mm	10 mm	10 mm
18 cm	St	BI-31-187	BI-31-188	BI-31-189	BI-31-190	BI-31-191
18 cm	Ti	BI-31-192	BI-31-193	BI-31-194	BI-31-195	BI-31-196



BI-31-207 - BI-31-206



25°



45°



60°



90°

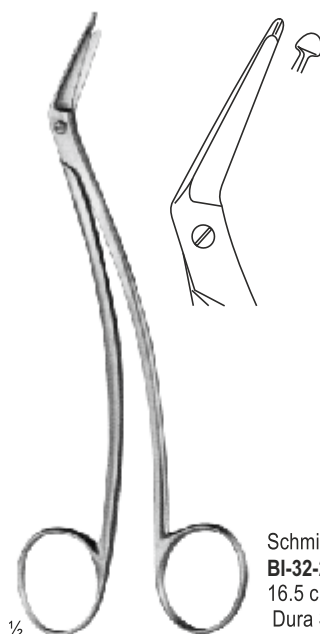


125°

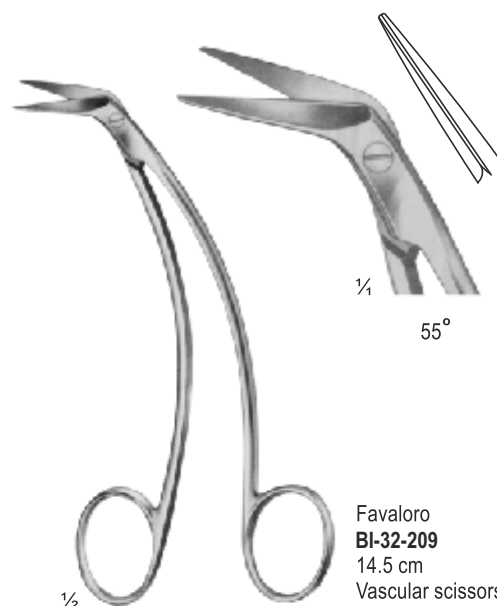
	Material	7 mm	7 mm	7 mm	7 mm	7 mm
18 cm	St	BI-31-197	BI-31-198	BI-31-199	BI-31-200	BI-31-201
18 cm	Ti	BI-31-202	BI-31-203	BI-31-204	BI-31-205	BI-31-206



Frazier
BI-32-207
17 cm
Dura Scissors



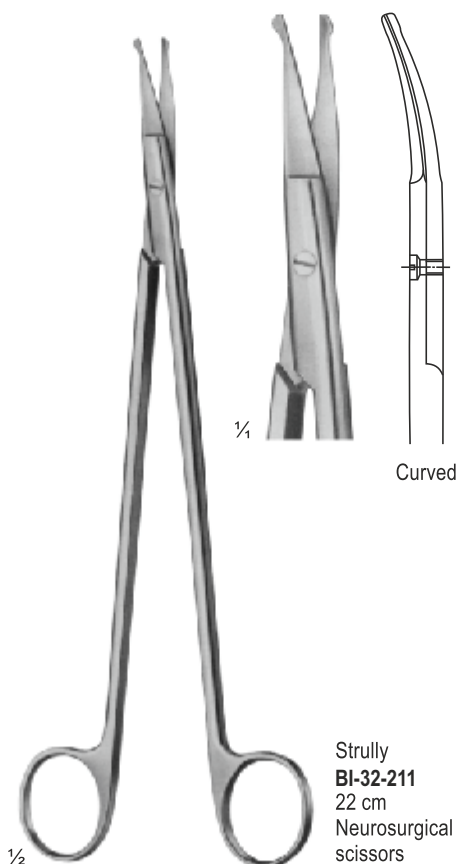
Schmienden-Taylor
BI-32-208
16.5 cm
Dura Scissors



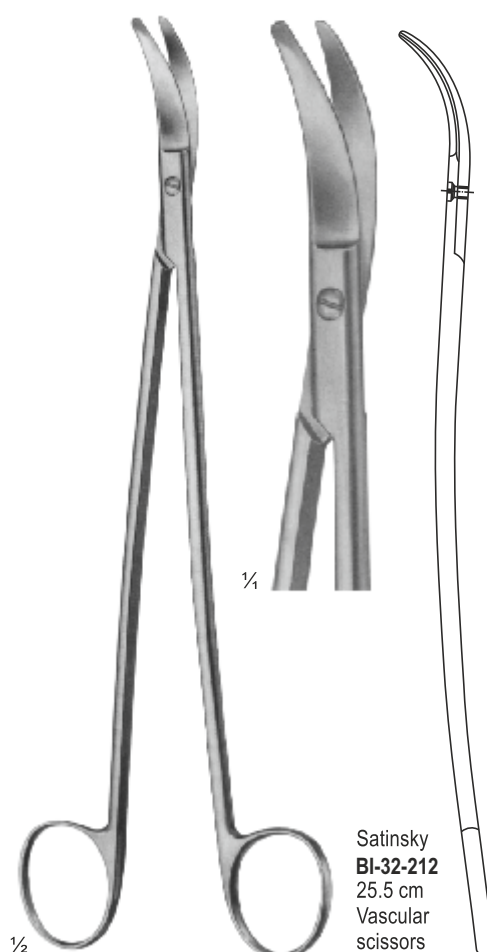
Favaloro
BI-32-209
14.5 cm
Vascular scissors



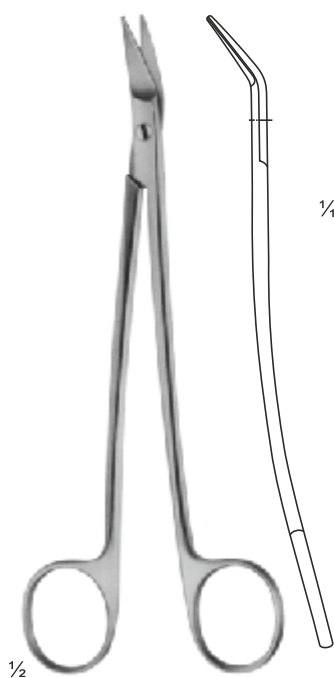
Strully
BI-32-210
20 cm



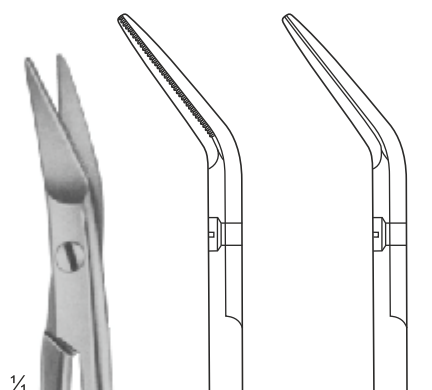
Strully
BI-32-211
22 cm
Neurosurgical
scissors



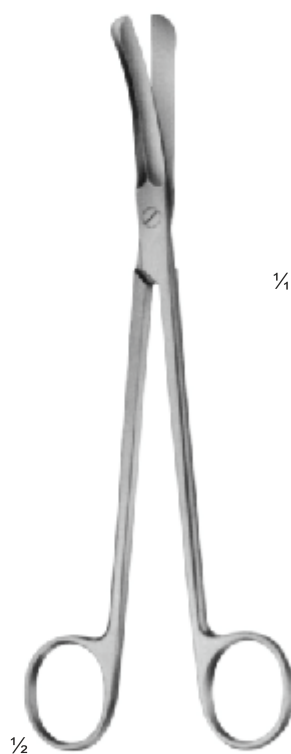
Satinsky
BI-32-212
25.5 cm
Vascular
scissors



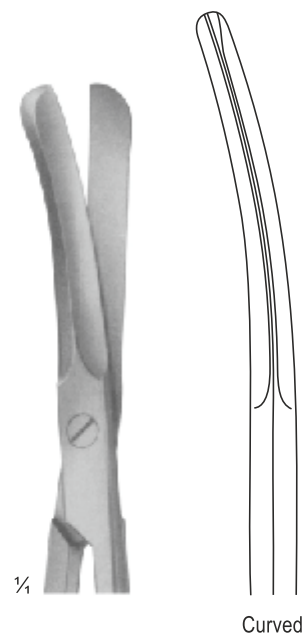
Dean
BI-33-213 - BI-33-214
17.5 cm
Angled upwards



BI-33-213
Blades Serrated
BI-33-214



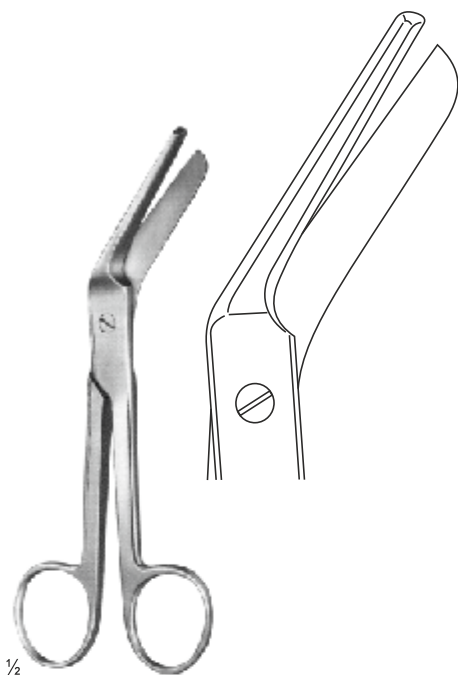
Good
BI-33-215
19.5 cm



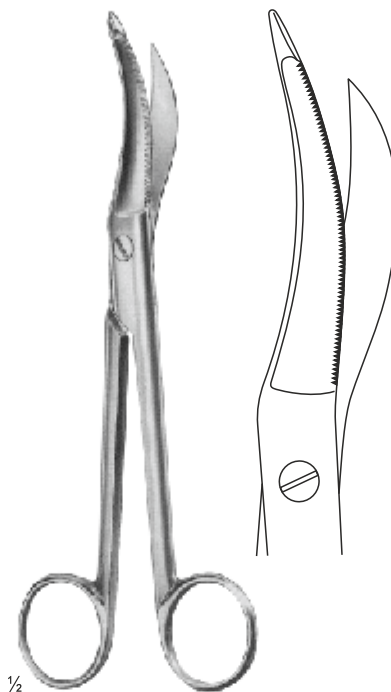
Curved

Episiotomy Scissors, Umbilical Scissors

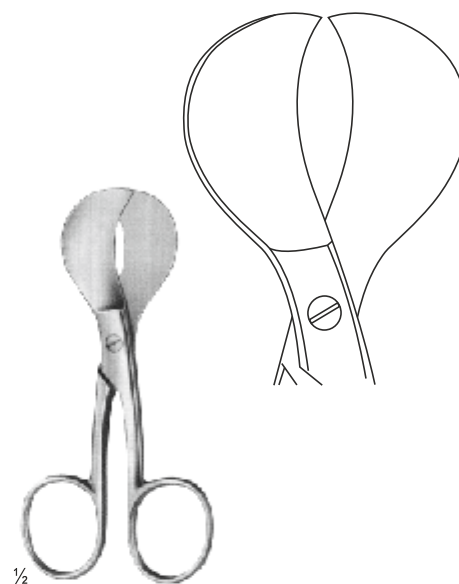
Dammschnittschere, Nabelschnurschere
Tesoura de episiotomia, Tesoura Umbilical
Tijeras de episiotomía, tijeras umbilicales



Braun-Stadler
BI-34-216 - BI-34-217
BI-34-216 14.5 cm
BI-34-217 22 cm
Episiotomy scissors



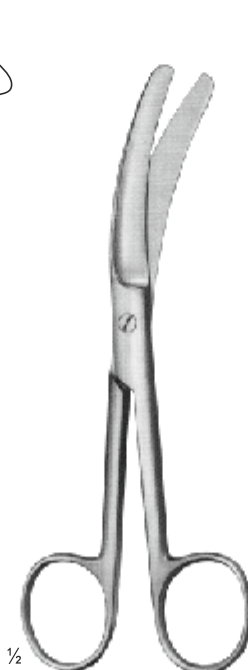
Waldmann
BI-34-218
18 cm
Episiotomy scissors
one toothed cutting edge



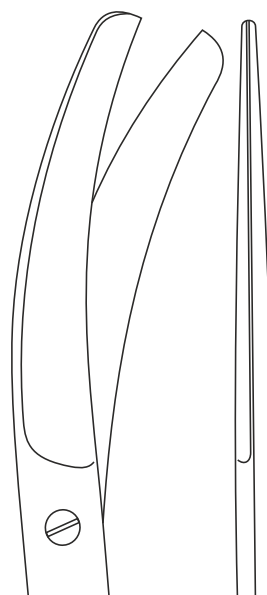
Mod. USA
BI-34-219 - BI-34-221
BI-34-219 10.5 cm
BI-34-220 12.5 cm
BI-34-221 15 cm
Umbilical scissors



Schuhmacher
BI-34-222
15.5 cm
Umbilical scissors

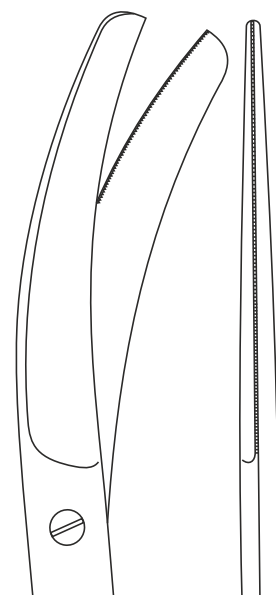


Busch
BI-34-223 - BI-34-224
16 cm
Umbilical scissors



BI-34-223

Laterally curved

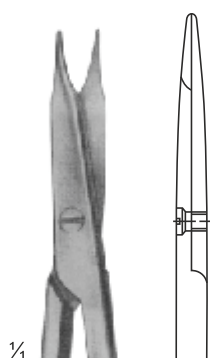


Laterally curved

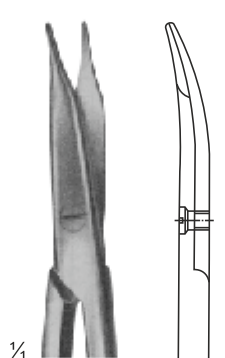
BI-34-224
One toothed cutting edge



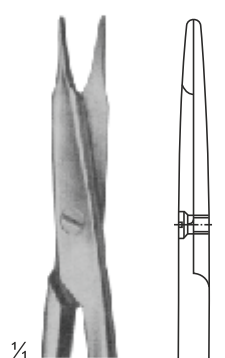
Stevens
BI-35-225 - BI-35-228
11 cm
Vessel and tendon Scissors



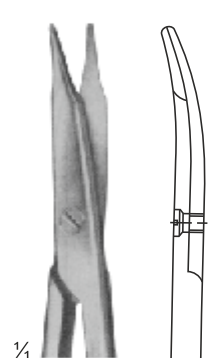
BI-35-225
Sharp
Straight



BI-35-226
Sharp
Curved



BI-35-227
Blunt
Straight



BI-35-228
Blunt
Curved

Stitch Scissors, Ligature Scissors

Stichschere, Ligaturschere

Tesoura De Ponto, Tesoura Ligadura

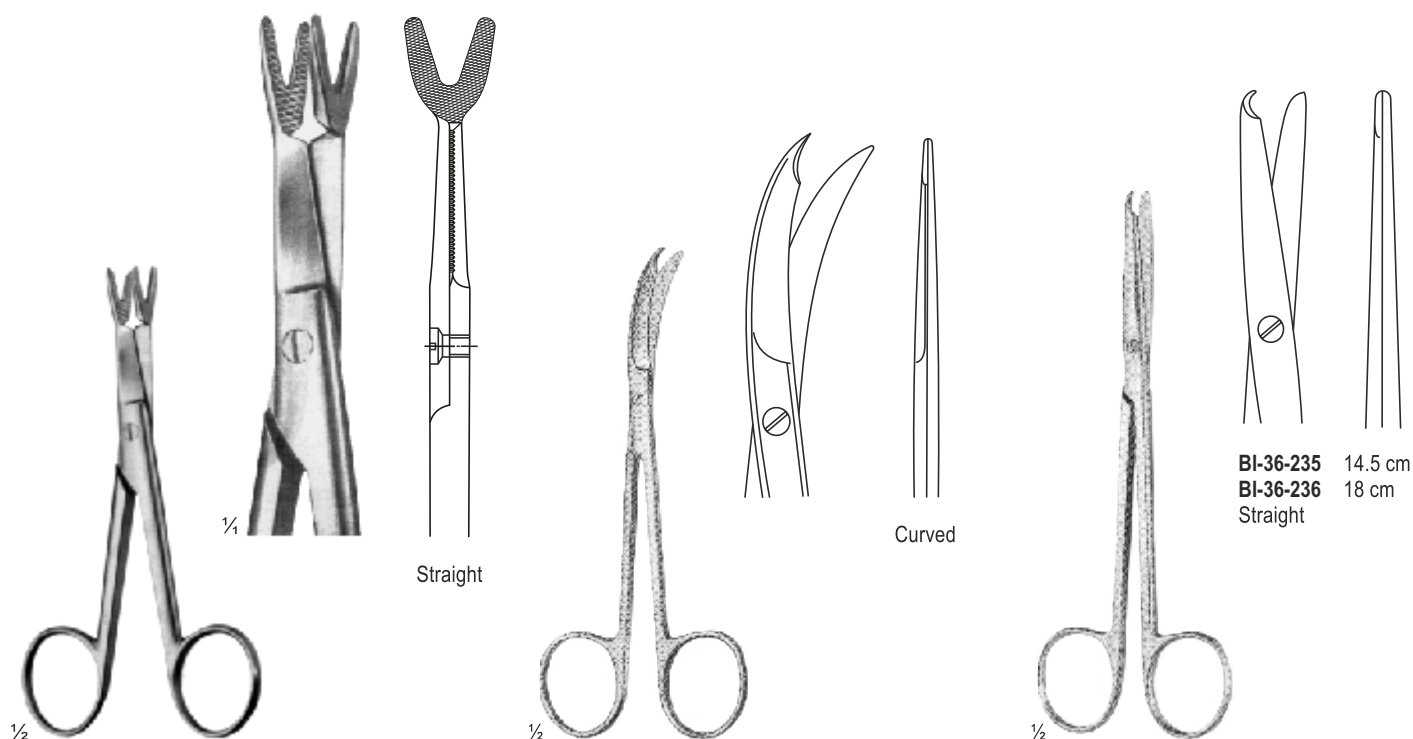
Stitch Scissors, Ligature Scissors



Spencer
BI-36-229 - BI-36-230
9 cm

Littauer
BI-36-231
14 cm

Eiselsberg
BI-36-232
12 cm



Schoemaker-Loth
BI-36-233
12.5 cm
Ligature Scissors

Northbent
BI-36-234
13 cm

Buck
BI-36-235 - BI-36-236
14.5 cm

Wire Cutting Scissors

Drahtschneideschere

Tesoura de corte de arame

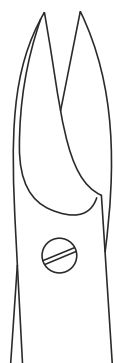
Tijeras de corte de alambre



Beebee

BI-37-237 - BI-37-240

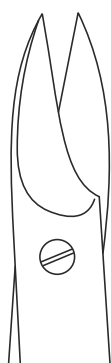
10 cm



BI-37-237
10 cm



Straight



BI-37-238
10 cm



Curved

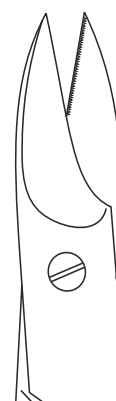


BI-37-239
12 cm

One toothed cutting edge



Straight



BI-37-240
12 cm

One toothed cutting edge



Curved

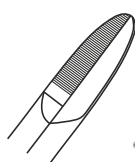


Universal Wire Cutting Scissors

BI-37-241

12 cm

One tooth cutting edge



1/4



1/2

Harvey

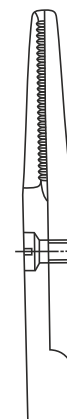
BI-37-242

12.5 cm

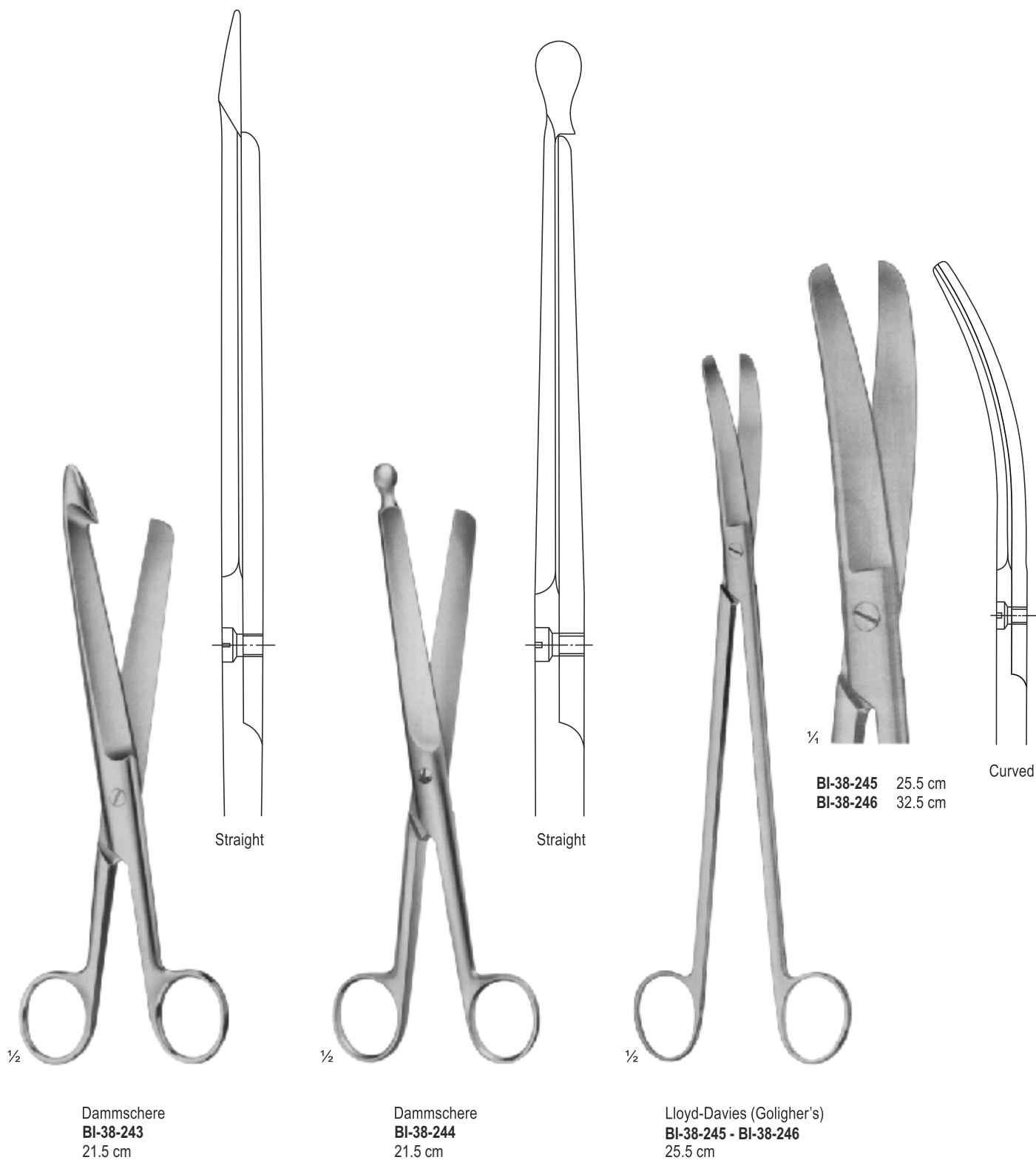
Blades serrated



1/4



Straight



Micro Scissors

Mikroschere
Tesoura Micro
Micro tijeras



1/2

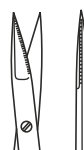
BI-39-247 - BI-39-254



A



D



A-SB



D-SB

		9 mm	9 mm	9 mm	9 mm
15 cm		BI-39-247	BI-39-248	BI-39-249	BI-39-250



A



D



A-SB



D-SB

		14 mm	14 mm	14 mm	14 mm
15 cm		BI-39-251	BI-39-252	BI-39-253	BI-39-254



1/2

BI-39-255 - BI-39-262



A



D



A-SB



D-SB

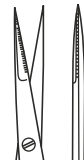
		9 mm	9 mm	9 mm	9 mm
15 cm		BI-39-255	BI-39-256	BI-39-257	BI-39-258



A



D



A-SB



D-SB

		14 mm	14 mm	14 mm	14 mm
15 cm		BI-39-259	BI-39-260	BI-39-261	BI-39-262



1/2

BI-40-263 - BI-40-279
15 cm



A



A



D



A-SB



D-SB

		10 mm	10 mm	10 mm	10 mm	10 mm
15 cm	St	BI-40-263	BI-40-264			
15 cm	Ti	BI-40-265	BI-40-266			
18 cm	St	BI-40-267	BI-40-268	BI-40-269	BI-40-270	BI-40-271
18 cm	Ti	BI-40-272	BI-40-273			
21 cm	St	BI-40-274	BI-40-275			
21 cm	Ti	BI-40-276	BI-40-277			
23 cm	St	BI-40-278	BI-40-279			



1/2

BI-40-280 - BI-40-296
15 cm



A



A



D

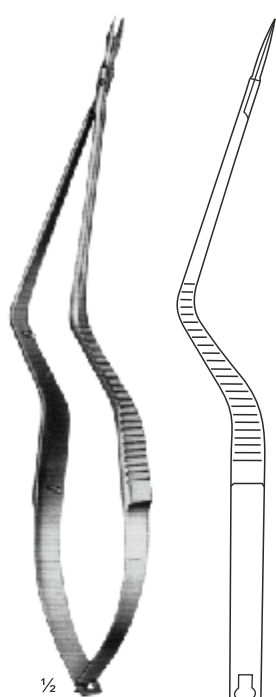


A-SB

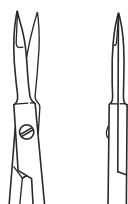


D-SB

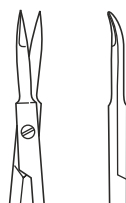
		10 mm	10 mm	10 mm	10 mm	10 mm
15 cm	St	BI-40-280	BI-40-281			
15 cm	Ti	BI-40-282	BI-40-283			
18 cm	St	BI-40-284	BI-40-285	BI-40-286	BI-40-287	BI-40-288
18 cm	Ti	BI-40-289	BI-40-290			
21 cm	St	BI-40-291	BI-40-292			
21 cm	Ti	BI-40-293	BI-40-294			
23 cm	St	BI-40-295	BI-40-296			



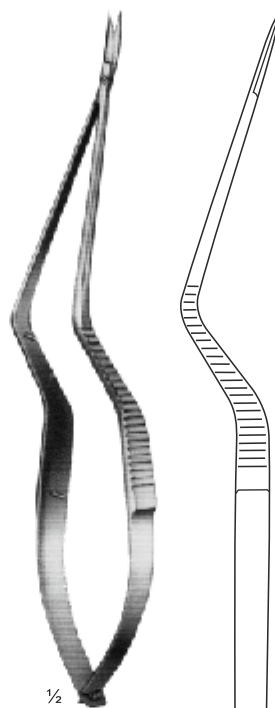
BI-41-297 - BI-41-298
18 cm



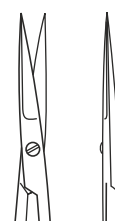
BI-41-297
20 cm
Straight



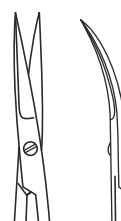
BI-41-298
20 cm
Curved



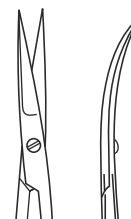
BI-41-299 - BI-41-301
19 cm



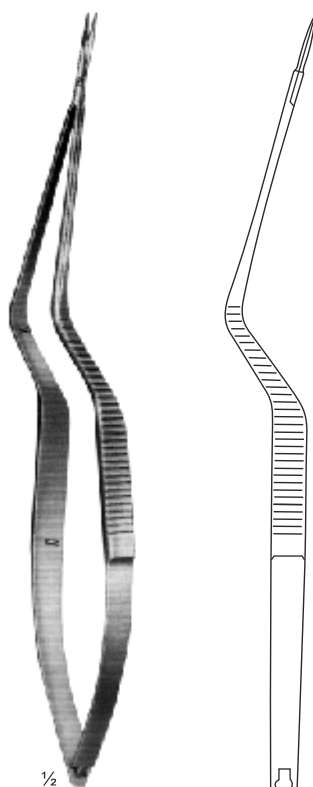
BI-41-299
19 cm
Straight



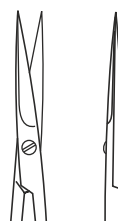
BI-41-300
18.5 cm
Bent Upwards



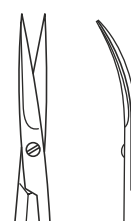
BI-41-301
18.5 cm
Bent Downwards



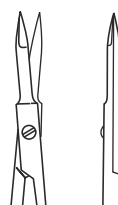
Jacobson
BI-41-302 - BI-41-305
20.5 cm



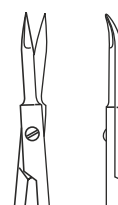
BI-41-302
Straight



BI-41-303
Curved



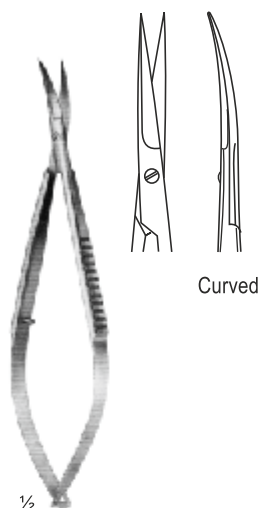
BI-41-304
Straight



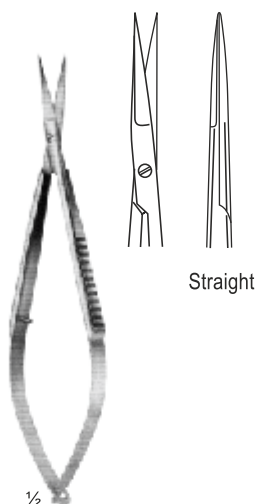
BI-41-305
Curved

Micro Scissors, Micro Dissecting Scissors

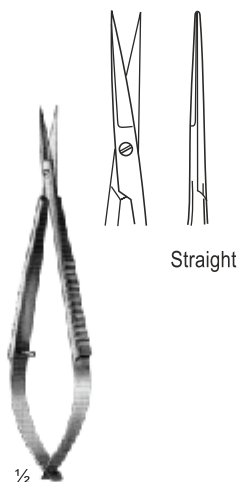
Mikroschere, Mikrodissektionsschere
Tesoura Micro, Tesoura Micro Dissecante
Micro Scissors, Micro Dissecting Scissors



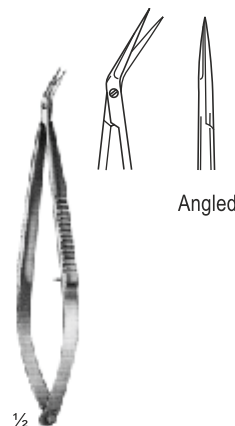
BI-42-306
12 cm



BI-42-307
12 cm



BI-42-308
10 cm



BI-42-309
9.5 cm



Biemer
BI-42-310
12 cm
Micro scissors for veins
For roughening vessel ends,
vessel cannot slip off, clean,
smooth cut



Yasargil-Type-Vannas, Bayonet Scissors

BI-42-311
22.5 cm
Straight



BI-42-312
22.5 cm
Curved



BI-42-313
16.5 cm



BI-42-316
16.5 cm



BI-42-320
20 cm
Curved

BI-42-314
20 cm

BI-42-317
20 cm

BI-42-315
22.5 cm
Straight

BI-42-318
22.5 cm

BI-42-319
24.5 cm
Curved



BI-42-321
20 cm

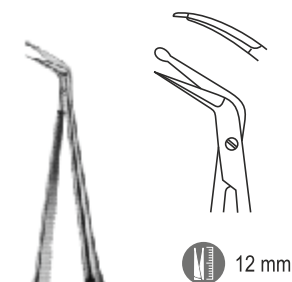


BI-42-323
20 cm

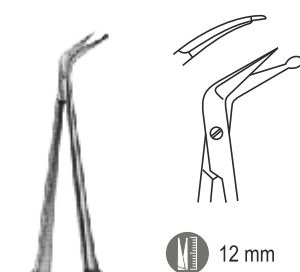
BI-42-322
22.5 cm
Straight

BI-42-324
22.5 cm
Curved

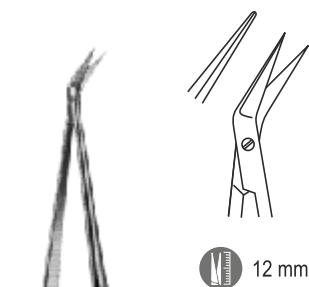
Yasargil-Type
BI-42-311 - BI-42-324
Scissors



Jaboma
BI-43-325
18 cm
For cleft palate
one probed tip right



Jaboma
BI-43-326
18 cm
For cleft palate
one probed tip left



Jaboma
BI-43-327
18 cm
For cleft palate



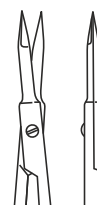
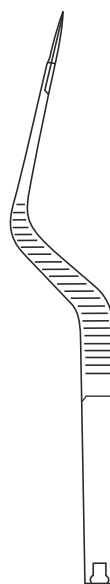
BI-43-328
21 cm
BI-43-329
23 cm
Straight



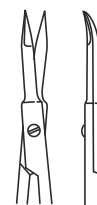
BI-43-330
21 cm
BI-43-331
23 cm
Curved



BI-43-332 - BI-43-333
15.5 cm



BI-43-332
Straight



BI-43-333
Curved

Ceramic Coated Scissors

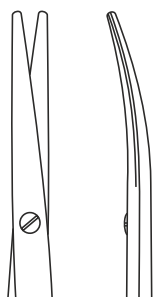
Keramik beschichtete Schere

Tesoura Revestida Cerâmica

Tijeras revestidas de cerámica



18 cm



Curved

BI-44-334 12 cm

BI-44-335 18 cm

BI-44-336 20.5 cm

BI-44-337 23 cm

BI-44-338 25 cm

BI-44-339 30 cm

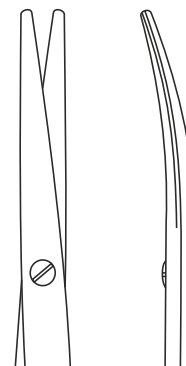
Metzenbaum

BI-44-334 - BI-44-339

Coated with ceramics,
one toothed cutting edge



14 cm



Curved

BI-44-340 14 cm

BI-44-341 18 cm

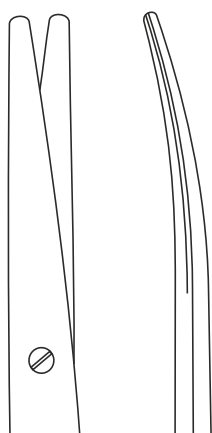
Tönnis-Adson

BI-44-340 - BI-44-341

Coated with ceramics,
one toothed cutting edge



16 cm

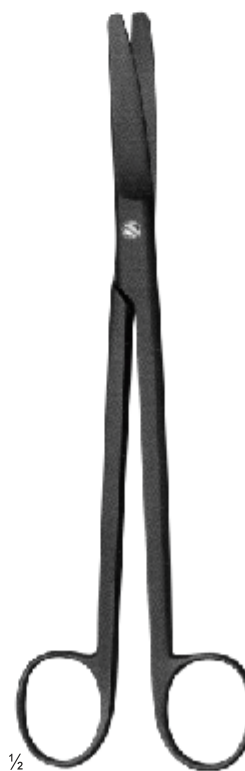


Curved

Mayo-Lexer

BI-44-342

Coated with ceramics,
one toothed cutting edge



20 cm



Curved

BI-44-343 20 cm

BI-44-344 23 cm

Uterine Scissors

Sims

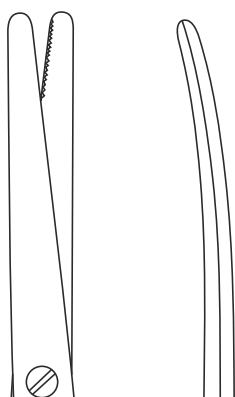
BI-44-343 - BI-44-344

Coated with ceramics,
one toothed cutting edge

Dissecting Scissors T.C.S.C., Ligature Scissors T.C.S.C.
 Präparierschere T.C.S.C., Ligaturschere T.C.S.C.
 Tesoura Dissecante T.C.S.C., Tesoura de Ligadura T.C.S.C.
 Tijera de disección T.C.S.C., Tijera de ligadura T.C.S.C.



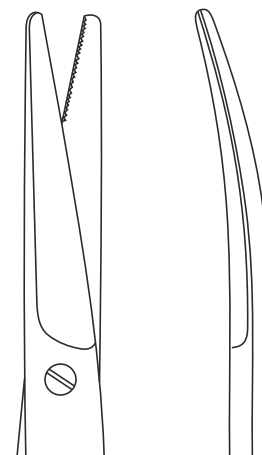
Metzenbaum
BI-45-345 - BI-45-350
 18 cm



Curved
BI-45-345 18 cm
BI-45-346 20 cm
BI-45-347 23 cm
BI-45-348 26 cm
BI-45-349 28.5 cm
BI-45-350 31 cm



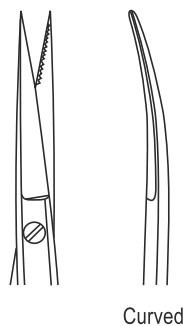
Ligature Scissors
BI-45-351 - BI-45-353
 For synthetic suture material,
 one toothed cutting edge
 14.5 cm



Curved
BI-45-351 14.5 cm
BI-45-352 17 cm
BI-45-353 23 cm



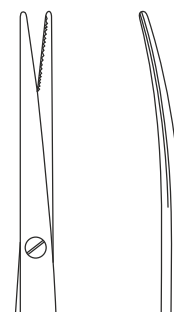
Iris
BI-45-354
 11.5 cm



Curved



Ligature Scissors
BI-45-355 - BI-45-358
 For synthetic suture material,
 one toothed cutting edge
 14.5 cm



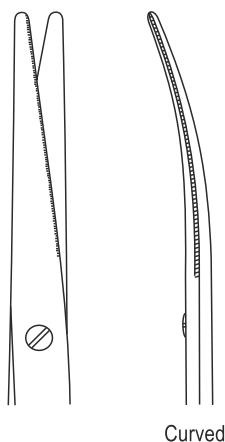
Curved
BI-45-355 14.5 cm
BI-45-356 23 cm
BI-45-357 25 cm
BI-45-358 30 cm

Aquila Scissors T.C.

Aquila Schere T.C.

Aquila Scissors T.C.

Aquila Scissors T.C.

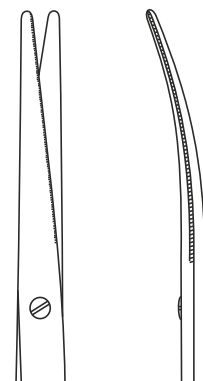


Curved

BI-46-359	12 cm
BI-46-360	18 cm
BI-46-361	20 cm
BI-46-362	23 cm
BI-46-363	25 cm
BI-46-364	30 cm

1/2

Metzenbaum-Aquila
BI-46-359 - BI-46-364
One toothed cutting edge / one
cutting edge with knife cut
18 cm

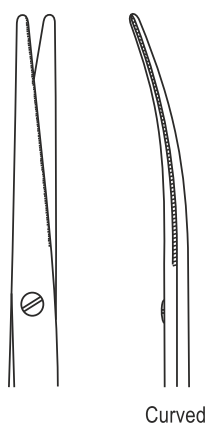


Curved

BI-46-365	14 cm
BI-46-366	18 cm

1/2

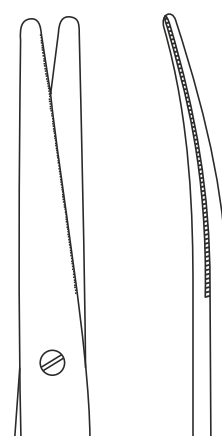
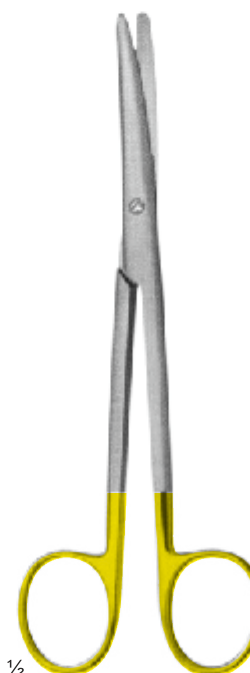
Metzenbaum-Aquila-Fine
BI-46-365 - BI-46-366
One toothed cutting edge/
one cutting edge with knife cut
14 cm



Curved

Tönnis-Adson-Aquila
BI-46-367
17.5 cm
One toothed cutting edge/
one cutting edge with knife cut

1/2



Curved

Mayo-Lexer-Aquila
BI-46-368
17.5 cm
One toothed cutting edge/
one cutting edge with knife cut

1/2



Operating Scissors
BI-47-369 - BI-47-374
14.5 cm



Straight
BI-47-369
BL / BL



Curved
BI-47-370



Straight
BI-47-371
SH / BL



Curved
BI-47-372



Straight
BI-47-373
SH / SH



Curved
BI-47-374



Mayo
BI-47-375 - BI-47-380
14.5 cm



Straight
BI-47-375 14.5 cm
BI-47-376 17 cm
BI-47-377 23 cm



Curved
BI-47-378 14.5 cm
BI-47-379 17 cm
BI-47-380 23 cm



1/2

Joseph
BI-47-381 - BI-47-382



Straight
BI-47-381
14.5 cm



Curved
BI-47-382
14.5 cm



Dissecting Scissors, Hysterectomy Scissors T.C.

Präparierschere, Hysterektomieschere T.C.

Tesoura de dissecação, Tesoura de histerectomia T.C.

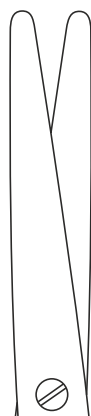
Tijeras de disección, tijeras de histerectomia T.C.



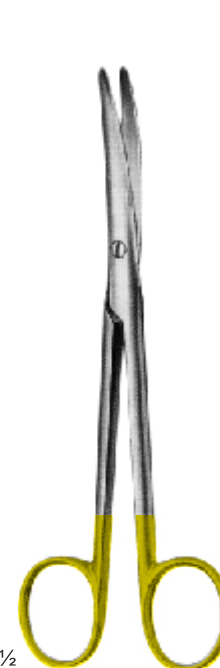
Lexer
BI-48-383 - BI-48-386
16 cm
Dissecting scissors



Straight
BI-48-383 16 cm
BI-48-384 21 cm



Curved
BI-48-385 16 cm
BI-48-386 21 cm



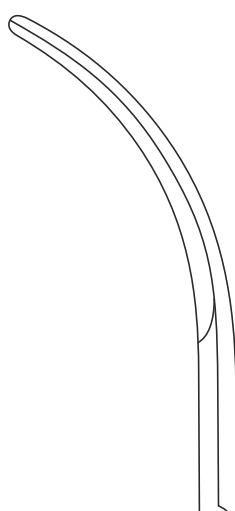
Mayo-Lexer
BI-48-387
16 cm
Dissecting scissors



Curved



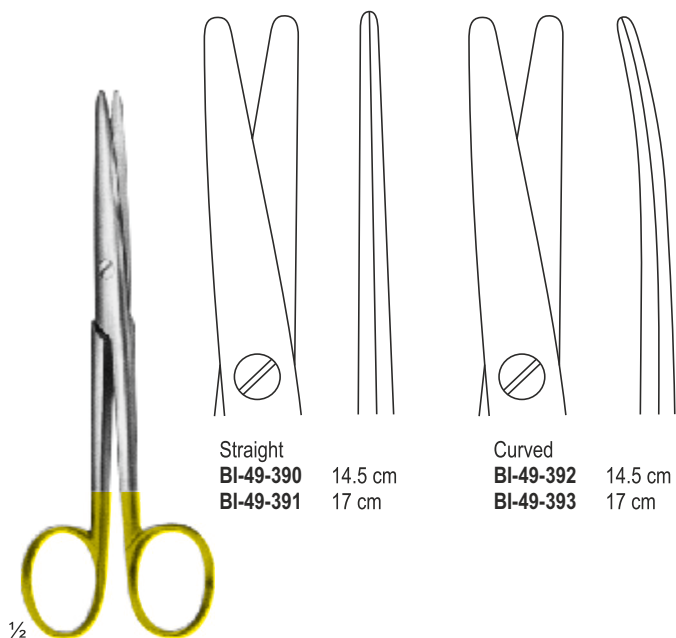
Parametrium
BI-48-388 - BI-48-389
22 cm
Hysterectomy scissors
heavy pattern



Curved
BI-48-388
22 cm



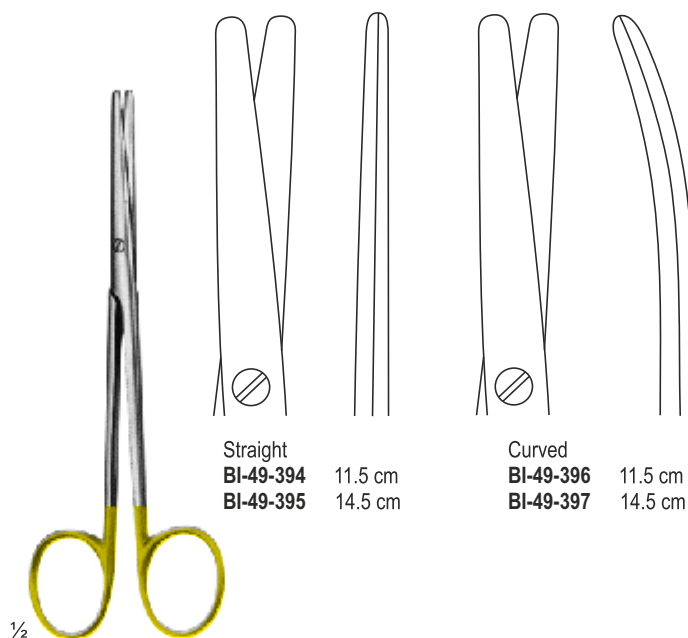
Curved
BI-48-389
23 cm



Straight
BI-49-390 14.5 cm
BI-49-391 17 cm

Curved
BI-49-392 14.5 cm
BI-49-393 17 cm

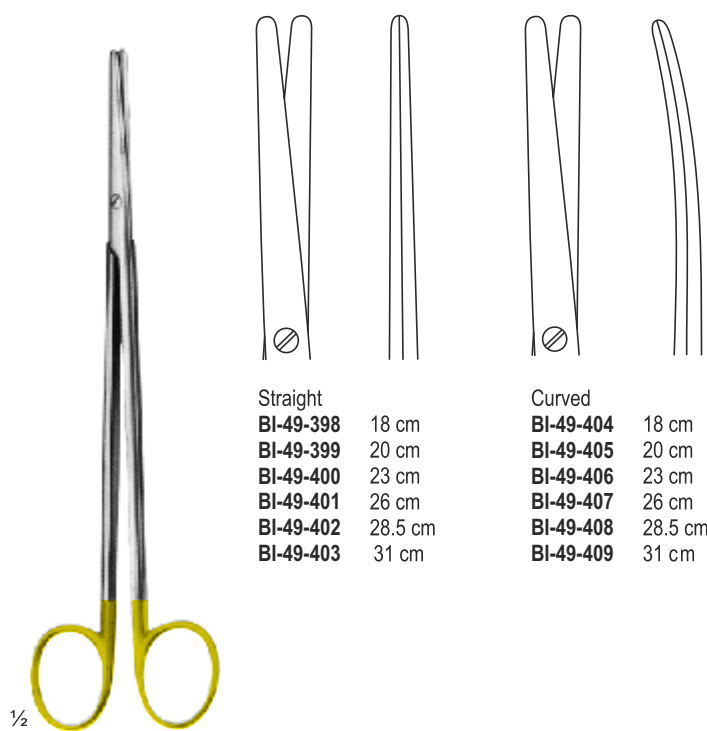
Mayo-Stille
BI-49-390 - BI-49-393
 14.5 cm



Straight
BI-49-394 11.5 cm
BI-49-395 14.5 cm

Curved
BI-49-396 11.5 cm
BI-49-397 14.5 cm

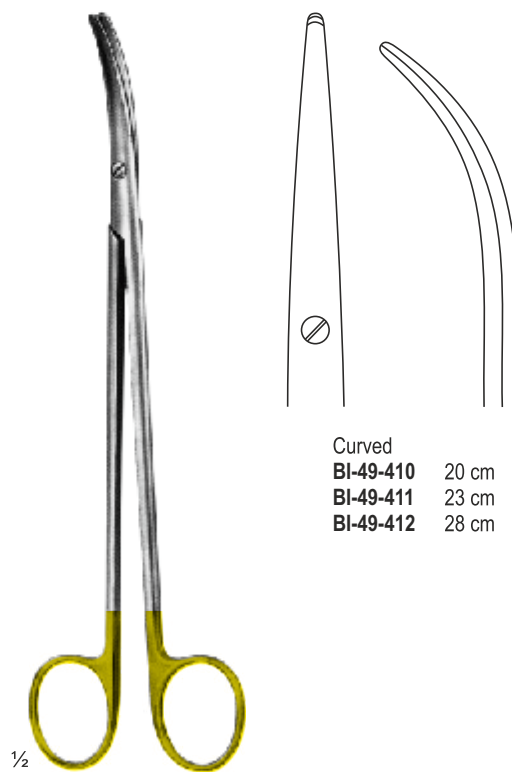
Metzenbaum
BI-49-394 - BI-49-397
 14.5 cm



Straight
BI-49-398 18 cm
BI-49-399 20 cm
BI-49-400 23 cm
BI-49-401 26 cm
BI-49-402 28.5 cm
BI-49-403 31 cm

Curved
BI-49-404 18 cm
BI-49-405 20 cm
BI-49-406 23 cm
BI-49-407 26 cm
BI-49-408 28.5 cm
BI-49-409 31 cm

Metzenbaum
BI-49-398 - BI-49-409
 18 cm



Curved
BI-49-410 20 cm
BI-49-411 23 cm
BI-49-412 28 cm

Metzenbaum-Thorek
BI-49-410 - BI-49-412
 20 cm

Delicate Dissecting Scissors T.C., Face-Lift Scissors T.C.

Delicate Dissecting Scissors T. C., Face-Lift-Schere T.C.

Tesoura Dissecante Delicada T.C., Tesoura Face-Lift T.C.

Tijera de disección delicada T.C., tijera de estiramiento facial T.C.



1/2

Straight

BI-50-413 14.5 cm
BI-50-414 18 cm
BI-50-415 20.5 cm
BI-50-416 23 cm

Metzenbaum-Fine
BI-50-413 - BI-50-420
18 cm



Curved

BI-50-417 14.5 cm
BI-50-418 18 cm
BI-50-419 20.5 cm
BI-50-420 23 cm



1/2



Curved

Töennis-Adson
BI-50-421
17.5 cm
Slender pattern

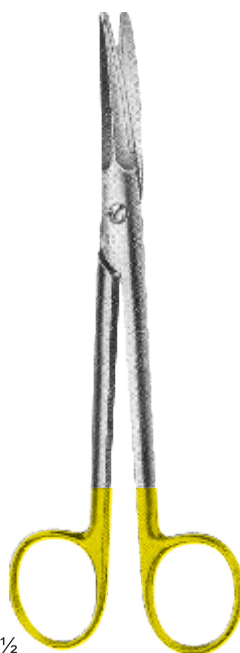


1/2



Curved

Metzenbaum-Lahey
BI-50-422
14.5 cm
Slender pattern



1/2

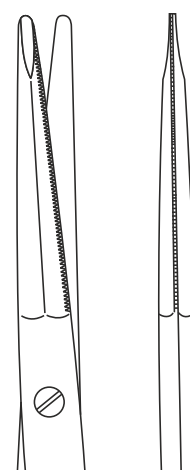


Curved

Rees
BI-50-423
17 cm
Face-lift scissors
one toothed cutting edge



1/2

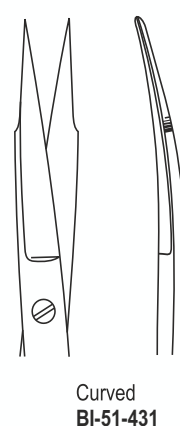
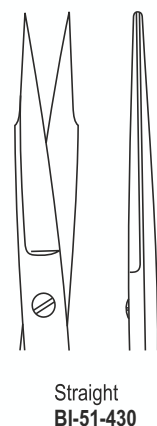
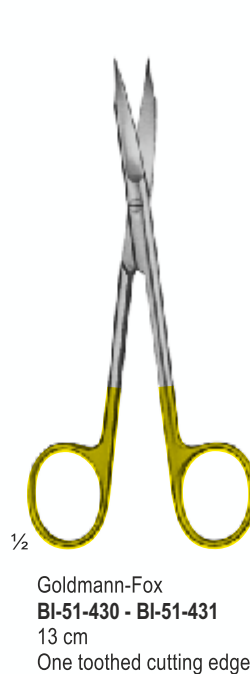
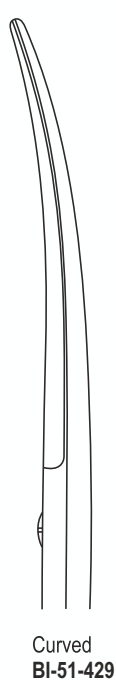
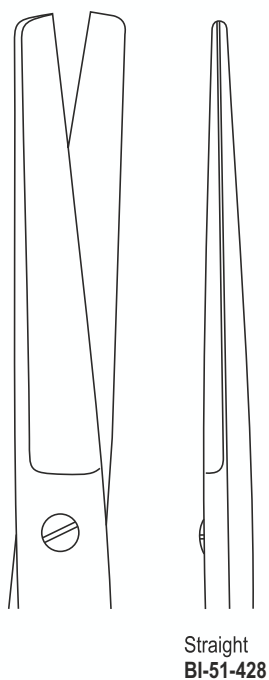
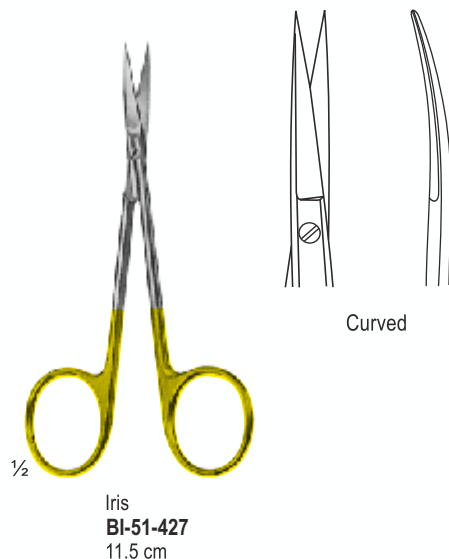
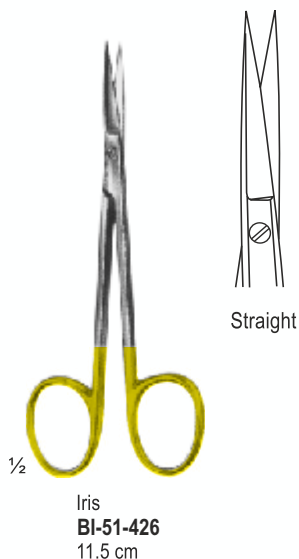


Straight
BI-50-424
BI-50-425

20.5 cm
23 cm

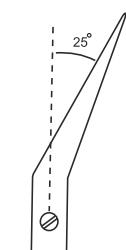
Gorney
BI-50-424 - BI-50-425
20.5 cm
Face-lift scissors
one toothed cutting edge

Uterine, Ligature, Iris Scissors T.C.
Gebärmutter, Ligatur, Irisschere T.C.
Uterina, Ligadura, Iris Scissors T.C.
Uterino, Ligadura, Iris Tijera T.C.

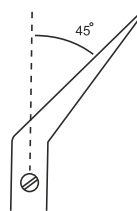




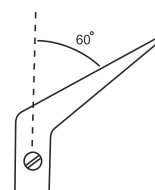
DeBakey
BI-52-432 - BI-52-437
23 cm



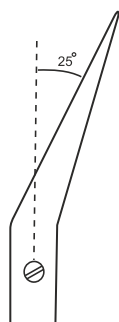
BI-52-432
19 cm



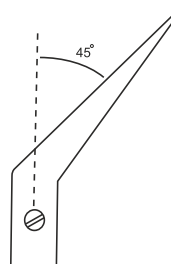
BI-52-433
18.5 cm



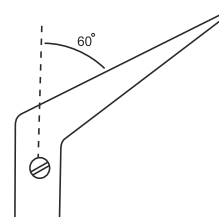
BI-52-434
18 cm



BI-52-435
23 cm



BI-52-436
23 cm



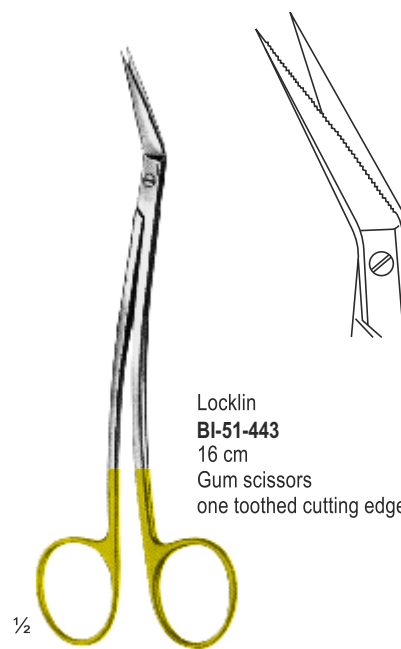
BI-52-437
22 cm



BI-52-438
11 cm



Locklin
BI-51-442
16 cm
Gum scissors
one toothed cutting edge



Locklin
BI-51-443
16 cm
Gum scissors
one toothed cutting edge



Dissecting & Tissue Forceps

Präparierende & Gewebszange

Pinça de dissecação e tecido

Dissección y pinzas de tejido

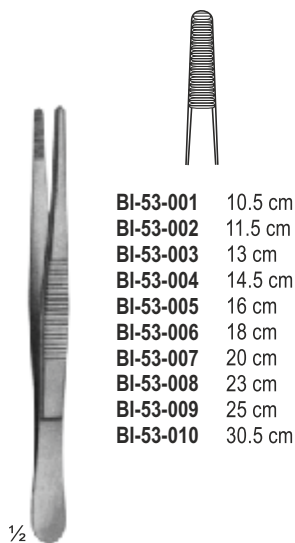
Page 53-71

Dissecting Forceps

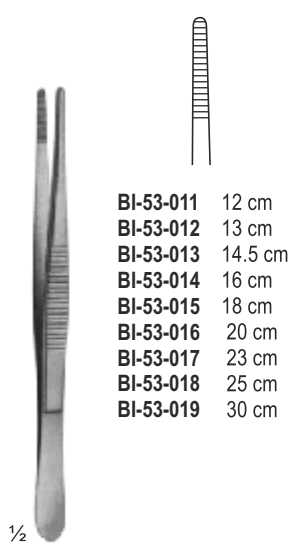
Präparierzange

Pinça de dissecação

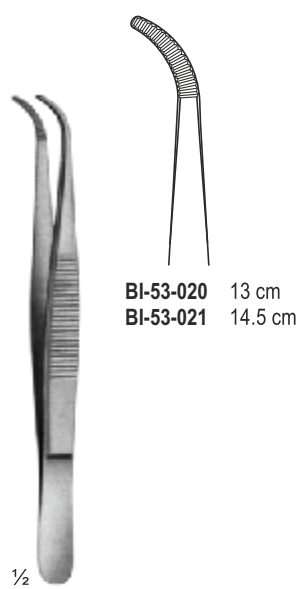
Pinzas de disección



Standard (Thumb)
BI-53-001 - BI-53-010
11.5 cm



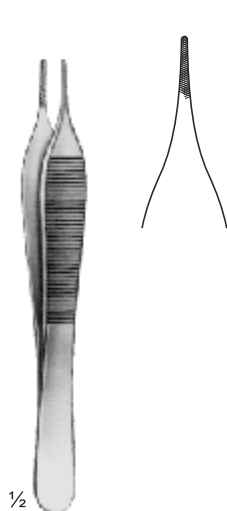
Narrow (Thumb)
BI-53-011 - BI-53-019
12 cm



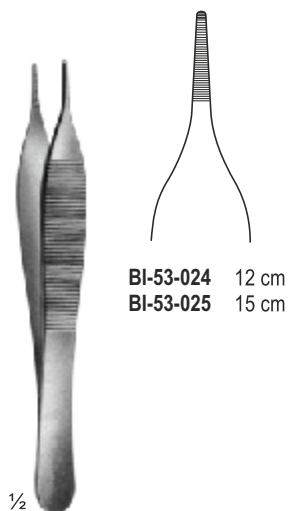
Narrow
BI-53-020 - BI-53-021
13 cm
Curved



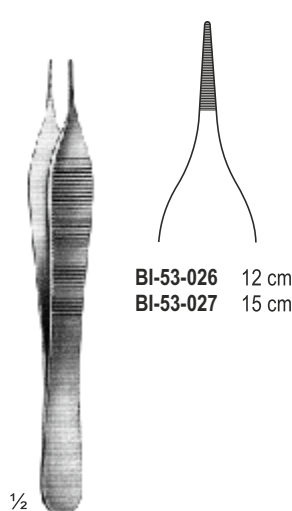
Stille
BI-53-022
15 cm



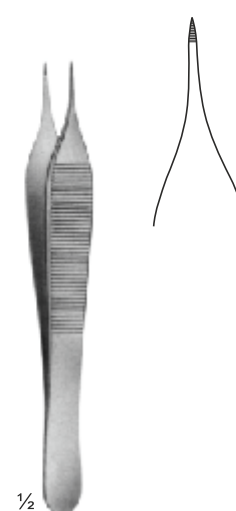
Adson
BI-53-023
12 cm



Adson
BI-53-024 - BI-53-025
12 cm



Micro-Adson
BI-53-026 - BI-53-027
12 cm



Thorek
BI-53-028
12 cm
Corneal forceps



1/2

Semken
BI-54-029 - BI-54-030
12.5 cm



BI-54-029 12.5 cm
BI-54-030 15 cm



1/2

Schweden-Modell
BI-54-031 - BI-54-033
15 cm



BI-54-031 15 cm
BI-54-032 17 cm
BI-54-033 20 cm



1/2

Taylor
BI-54-034
17 cm



1/2

Taylor
BI-54-035
18 cm
With dissector end



1/2

Potts-smith
BI-54-036 - BI-54-039
18 cm



BI-54-036 18 cm
BI-54-037 21 cm
BI-54-038 25 cm
BI-54-039 30 cm



1/2

Waugh
BI-54-040
20 cm

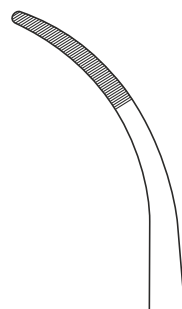


1/2

Brophy
BI-54-041 - BI-54-042
20 cm



BI-54-041
20 cm
Straight



BI-54-042
20 cm
Curved



1/2

Brophy
BI-54-043
20 cm



Angled

Dissecting Forceps

Präparierzange

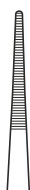
Pinça de dissecação

Pinzas de disección



1/2

McIndoe
BI-55-044
15 cm



1/2

Cushing
BI-55-045 - BI-55-046
17.5 cm



BI-55-045
17.5 cm
Straight



BI-55-046
17 cm
Curved



1/2

Gerald
BI-55-047 - BI-55-048
17.5 cm



BI-55-047
17.5 cm
Straight



BI-55-048
17 cm
Curved



1/2

Gerald
BI-55-049
18 cm
Bayonet



1/2

Brophy Jaws
BI-55-050 - BI-55-051
18.5 cm



BI-55-050 18.5 cm
BI-55-051 20 cm



1/2

Bonney
BI-55-052
17.5 cm



1/2

English
BI-55-053 - BI-55-057
BI-55-053 10.0 cm
BI-55-054 12.5 cm
BI-55-055 15 cm
BI-55-056 18 cm
BI-55-057 20 cm



1/2

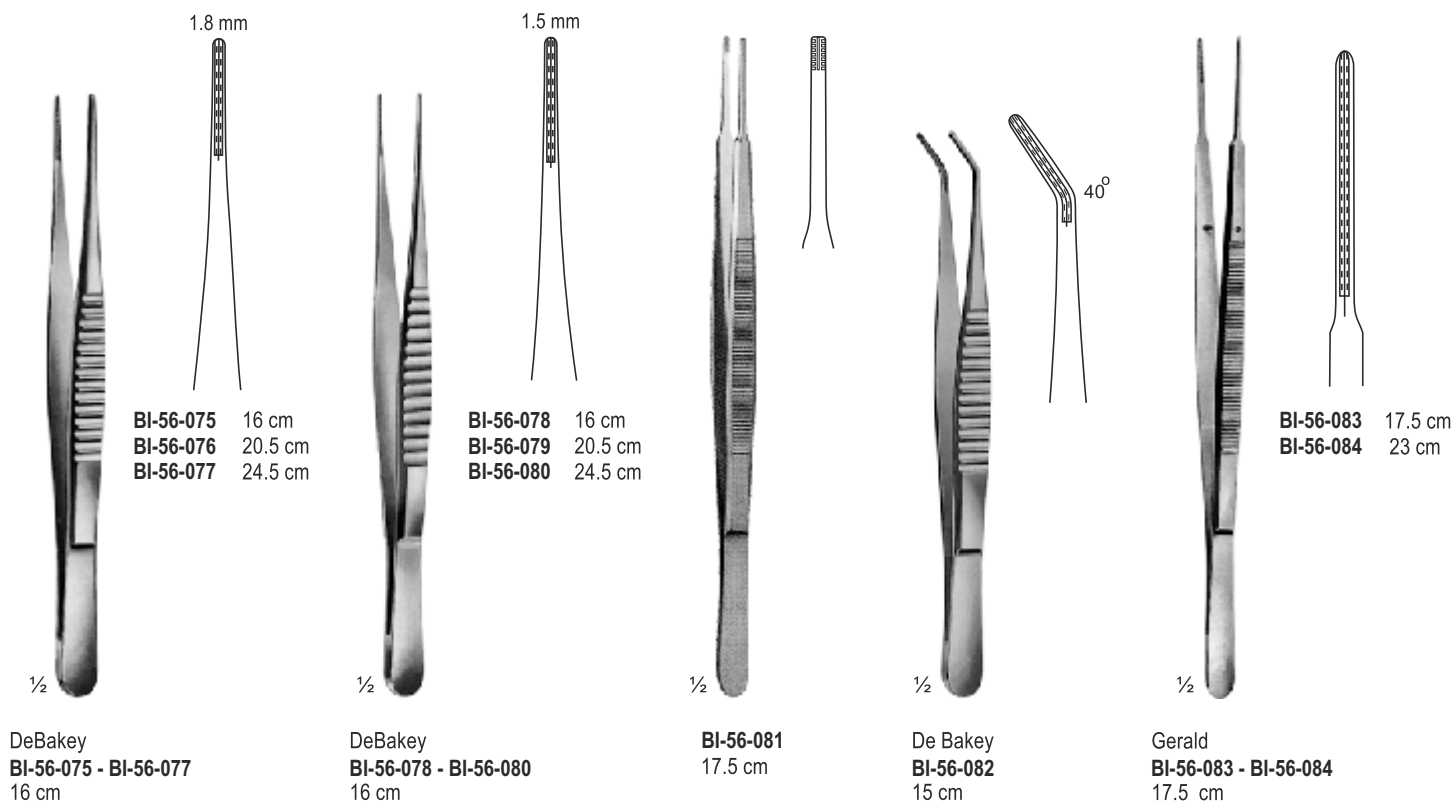
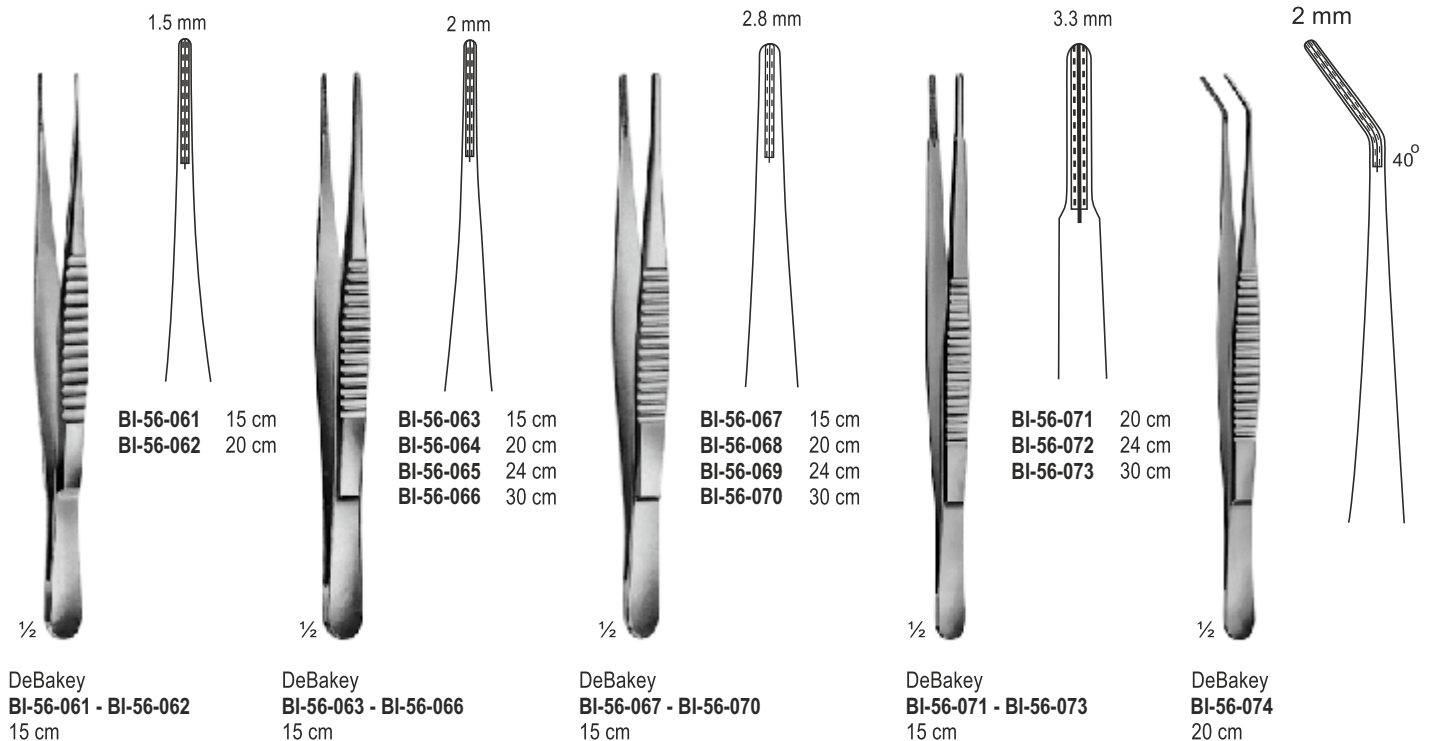
English
B/End
BI-55-058 - BI-55-060
BI-55-058 12.5 cm
BI-55-059 15 cm
BI-55-060 18 cm

Atraumatic Dressing Forceps

Atraumatische Verbandzange

Pinça de Molho Atraumático

Fórceps de vendaje atraumático



Bayonet - Shaped Forceps, Ear Forceps, Nasal Forceps

Bajonett - förmige Pinzette, Ohrzange, Nasenklemme

Pinça em Forma de Baioneta, Pinça de Orelha, Fórceps Nasal

Bayoneta - Pinza con forma, Pinza para el oído, Pinza nasal



Grüenwald
BI-57-085
20 cm
Ear forceps



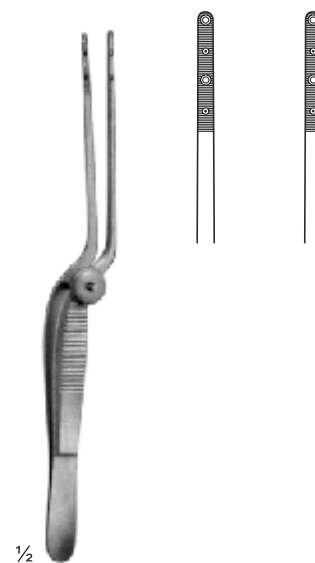
Taylor
BI-57-086
18.5 cm
Dressing forceps with
dissector end



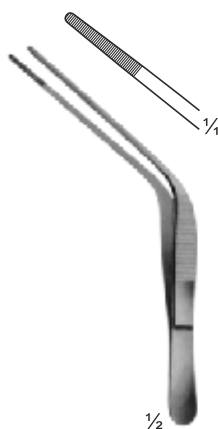
Jansen
BI-57-087
16 cm
Nasal tampon
forceps



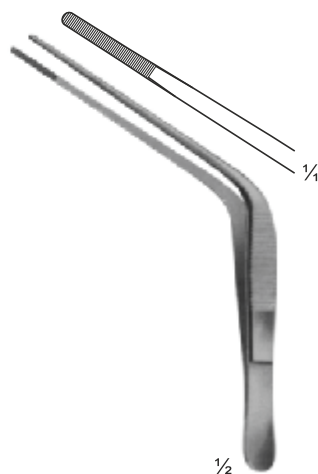
Lucae
BI-57-088
14 cm
Ear forceps



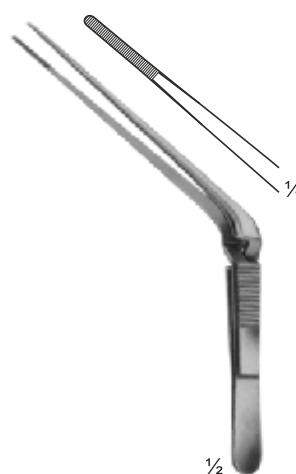
Cottle
BI-57-089
14 cm
Skin Grasping forceps with
jaws toothed and serrated



Tröeltsch
BI-57-090 - BI-57-091
BI-57-090 10 cm
BI-57-091 11.5 cm
Nasal tampon forceps



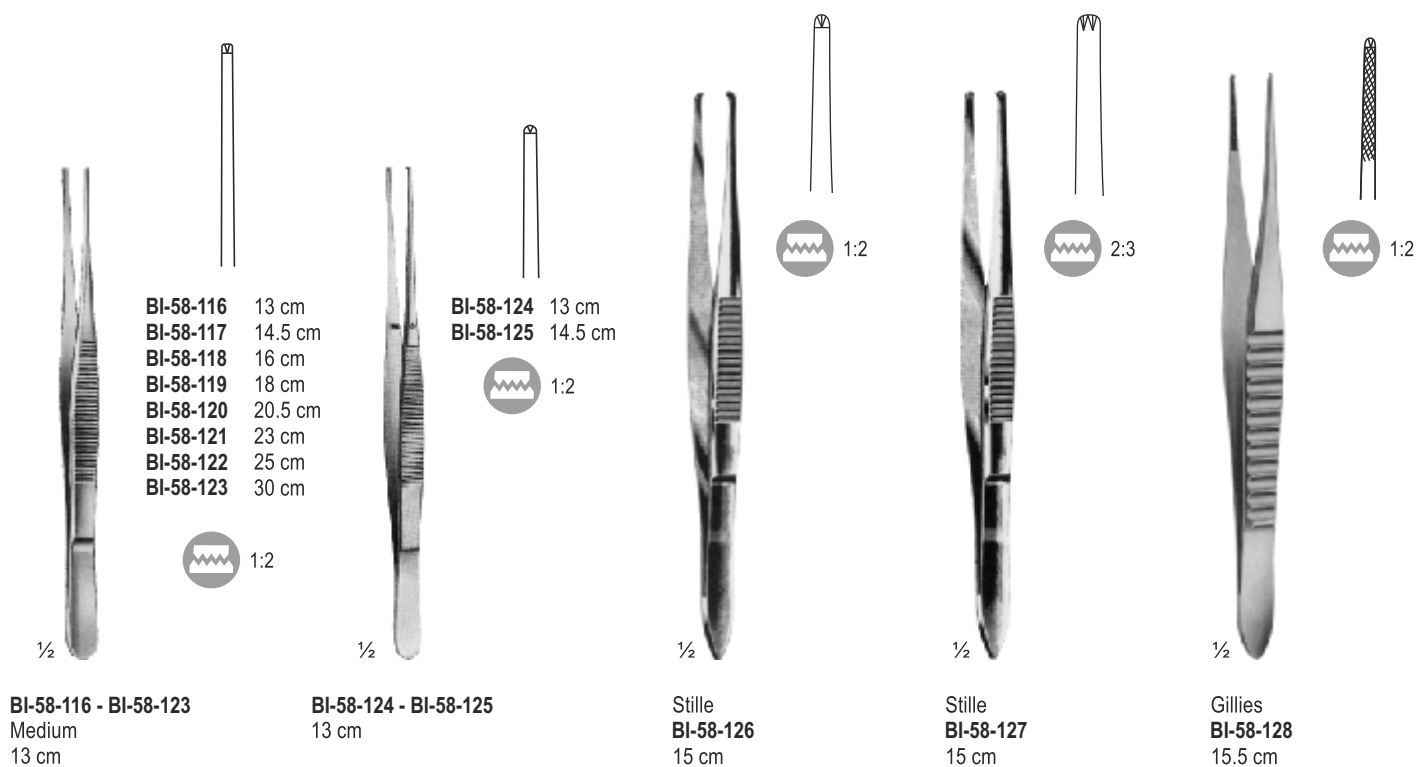
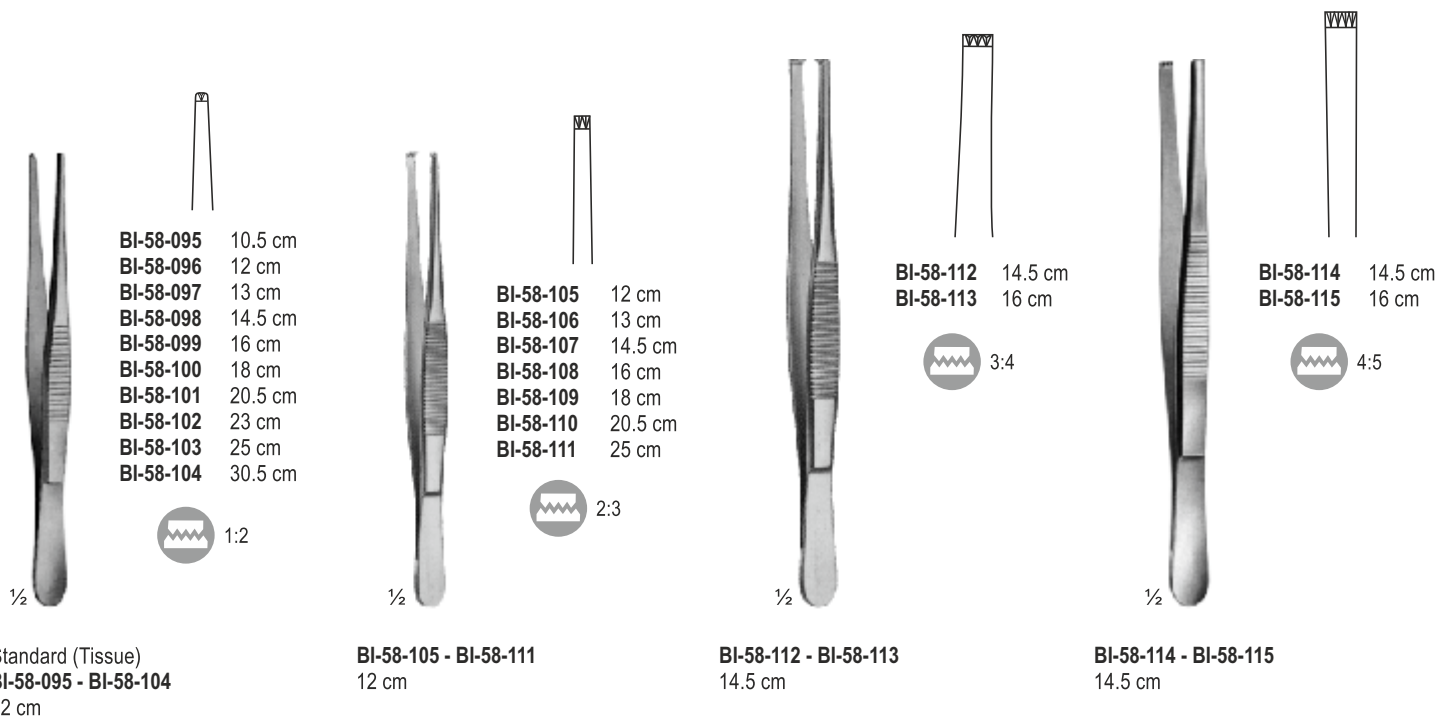
Wilde
BI-57-092
11.5 cm
Ear forceps



Tröeltsch (Wilde)
BI-57-093
12 cm
Nasal tampon forceps
cross action



Tröeltsch
BI-57-094
14 cm
Nasal tampon
forceps

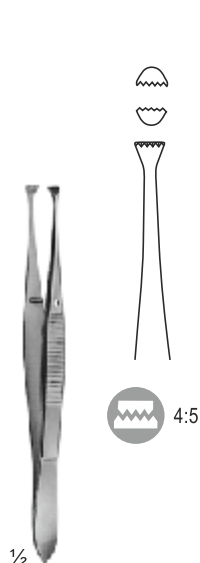


Tissue Forceps

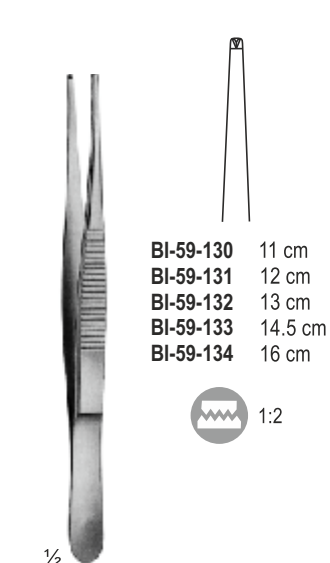
Gewebefingerzange

Pinça de tecido

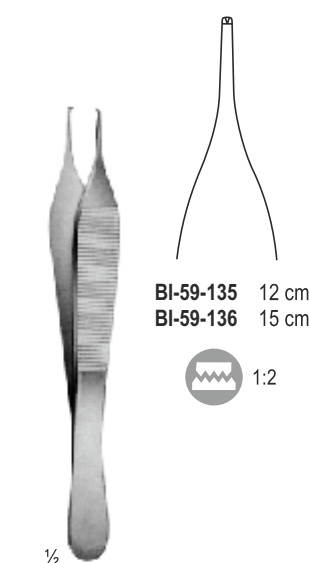
Pinzas de tejido



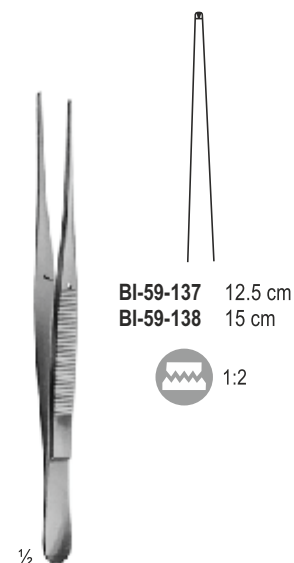
Graefe
BI-59-129
10 cm



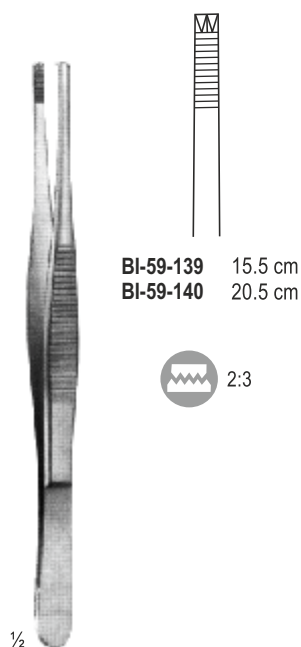
Graefe
BI-59-130 - BI-59-134
13 cm



Adson
BI-59-135 - BI-59-136
12 cm



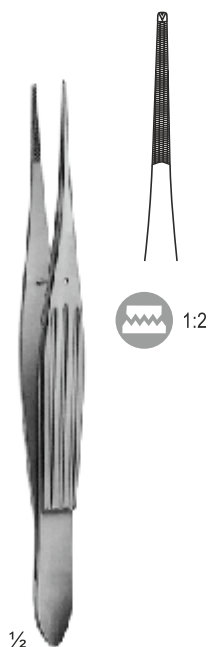
Semken
BI-59-137 - BI-59-138
12.5 cm



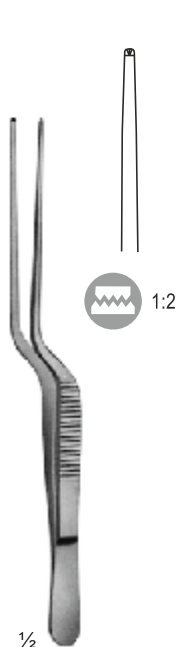
Adlerkreutz
BI-59-139 - BI-59-143
15.5 cm



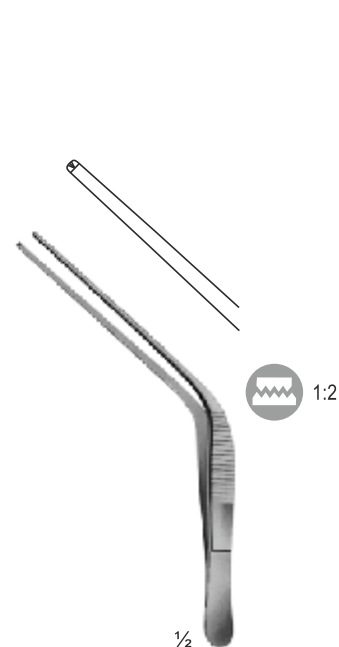
BI-59-141 15.5 cm
BI-59-142 20 cm
BI-59-143 25 cm



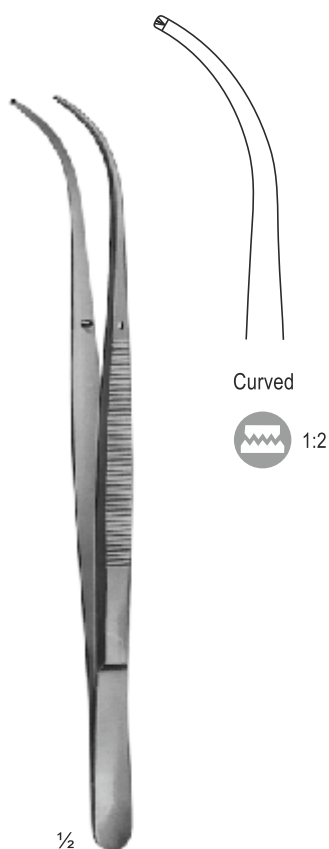
McIndoe
BI-59-144
15 cm



Lucae
BI-59-145
14 cm
Boyonet



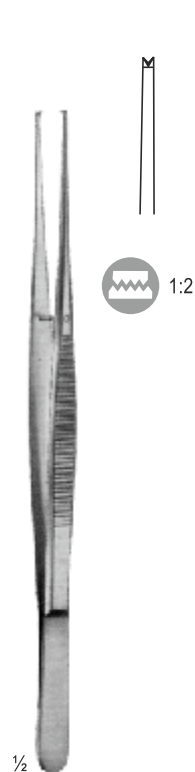
Tröeltsch
BI-59-146
11 cm



Brophy
BI-60-147
20 cm



Waugh
BI-60-148
20.5 cm



Taylor
BI-60-149
17.5 cm



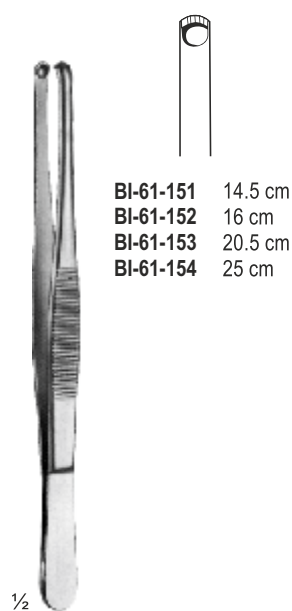
Taylor
BI-60-150
18.5 cm
With dissector end

Tissue Forceps, Dissecting Forceps

Gewebepinzetten, Präparierpinzetten

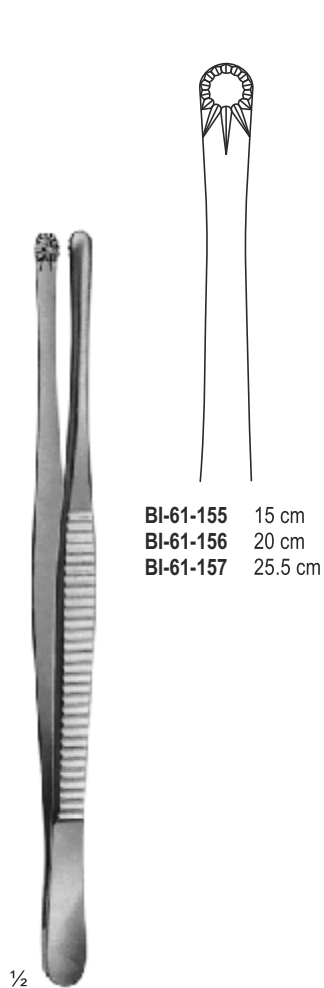
Pinça de tecido, fórceps dissecante

Pinzas de tejido, pinzas de disección



BI-61-151 14.5 cm
BI-61-152 16 cm
BI-61-153 20.5 cm
BI-61-154 25 cm

Durante
BI-61-151 - BI-61-154
14.5 cm

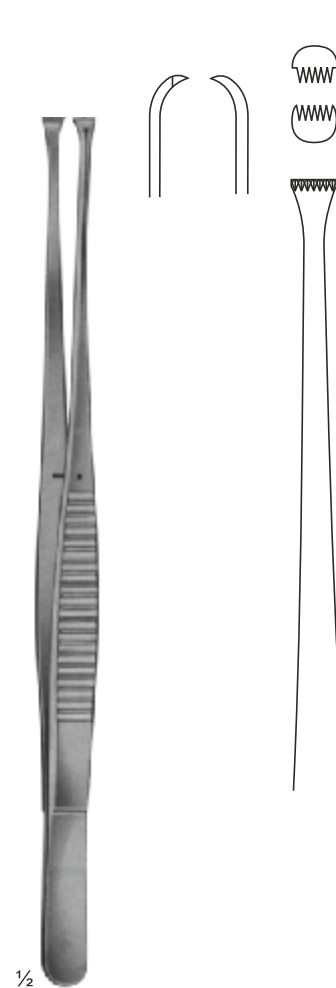


BI-61-155 15 cm
BI-61-156 20 cm
BI-61-157 25.5 cm

Russ. Modell
BI-61-155 - BI-61-157
20 cm



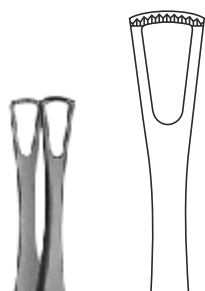
Mayo
BI-61-158
23 cm



Nelson
BI-61-159
23 cm
Lung dissecting forceps

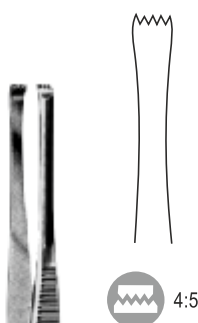
Tissue Forceps, Intestinal Forceps

Gewebszange, Darmzange
Pinça de tecido, fórceps intestinal
Pinza de tejido, pinzas intestinales



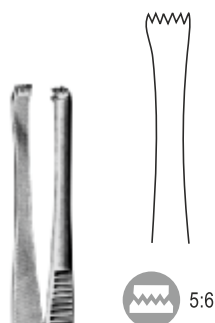
1/2

Duval
BI-62-160
14.5 cm
Intestinal forceps



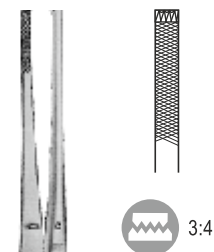
1/2

Stone
BI-62-161
15 cm



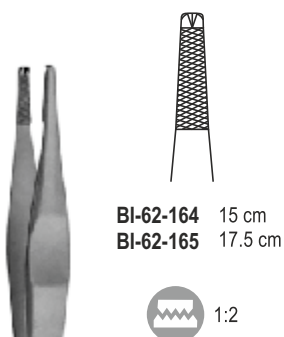
1/2

Lerche
BI-62-162
15 cm



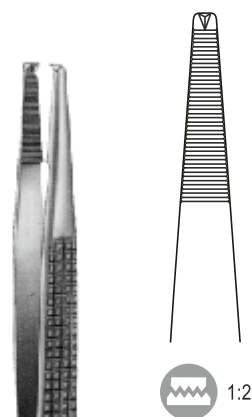
1/2

Stille-Barraya
BI-62-163
18 cm



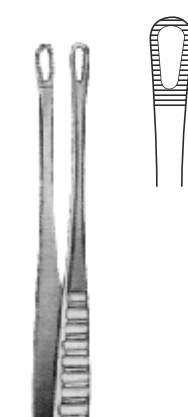
1/2

Lane
BI-62-164 - BI-62-165
15 cm



1/2

Bonney
BI-62-166
17.5 cm



1/2

Singley-Tuttle
BI-62-167
18 cm

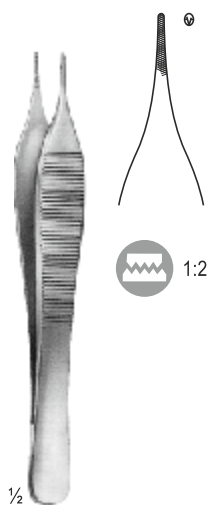


1/2

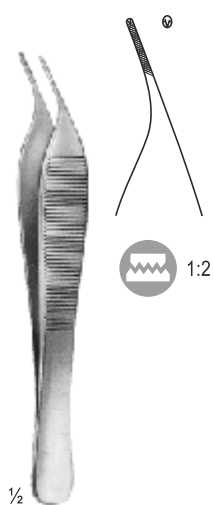
Denis-Browne
BI-62-168
19 cm
Intestinal forceps

Micro, Tissue Forceps

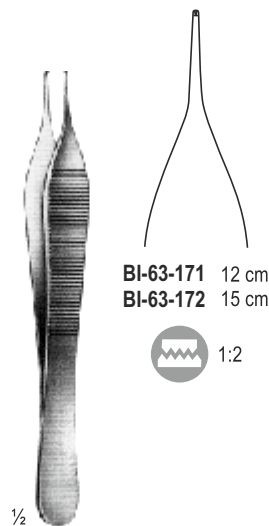
Mikro-, Gewebezange
Micro, pinça de tecido
Micro, pinzas de tejido



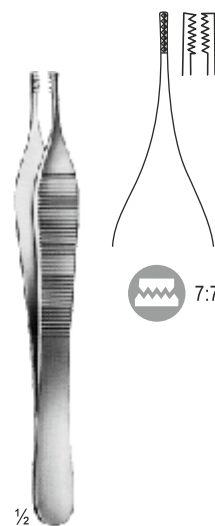
Mini-Adson
BI-63-169
12 cm



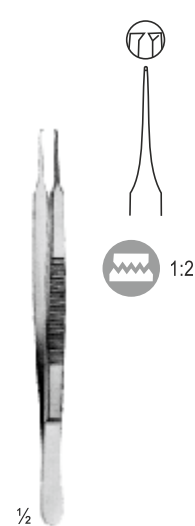
Mini-Adson
BI-63-170
12 cm



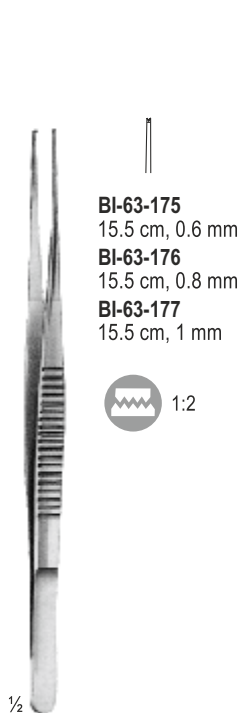
Micro-Adson
BI-63-171 - BI-63-172
12 cm



Adson-Brown
BI-63-173
12 cm



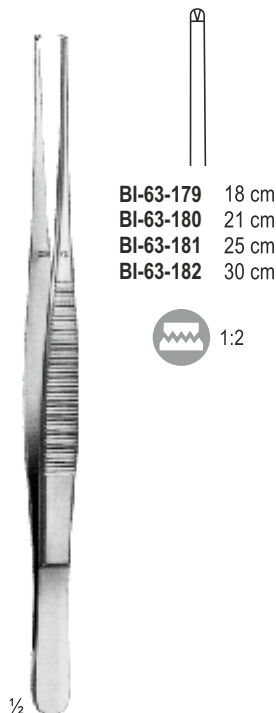
BI-63-174
10.5 cm
very fine teeth



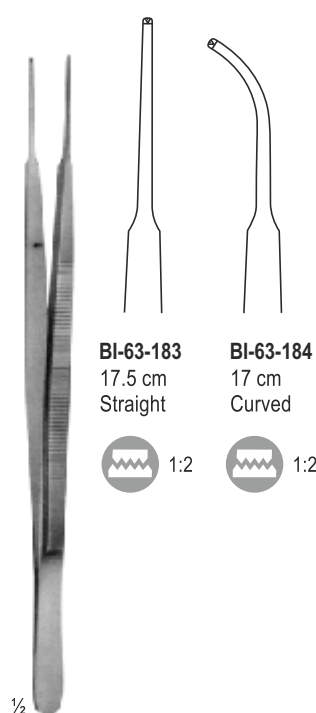
Micro
BI-63-175 - BI-63-177
15.5 cm, 0.6 mm



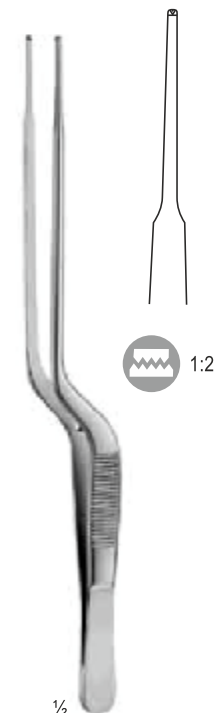
Cushing
BI-63-178
18 cm



Potts-Smith
BI-63-179 - BI-63-182
18 cm



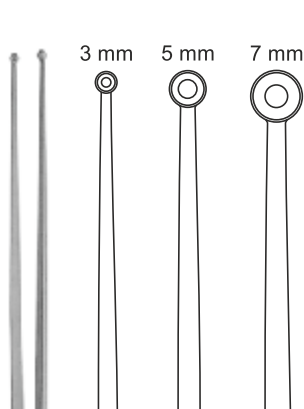
Gerald
BI-63-183 - BI-63-184
17.5 cm



Gerald
BI-63-185
18 cm

Grasping Forceps, Tumor and Vessel Forceps

Greifzange, Tumor und Gefäßzange
 Pinça de apreensão, pinça de tumor e vaso
 Fórceps de agarre, fórceps tumoral y de vasos

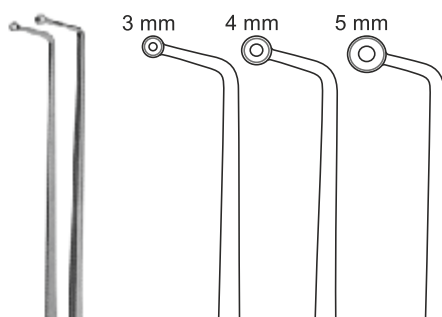


Heifetz

Curette jaws, toothed

BI-64-186 - BI-64-190**BI-64-186** 22 cm 3 mm**BI-64-187** 22 cm 5 mm**BI-64-188** 24 cm 3 mm**BI-64-189** 24 cm 5 mm**BI-64-190** 24 cm 7 mm

1/2

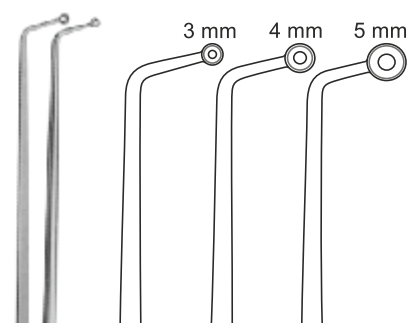


Yasargil-Type

Spoon-shaped jaws, forward

BI-64-191 - BI-64-193**BI-64-191** 23 cm 3mm**BI-64-192** 23 cm 4mm**BI-64-193** 23 cm 5mm

1/2

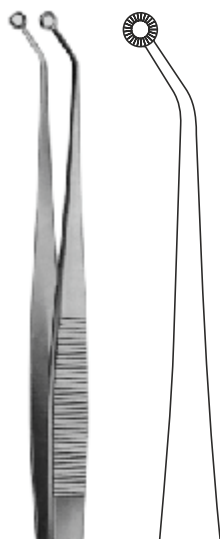


Yasargil-Type

Spoon-shaped jaws, reserve

BI-64-194 - BI-64-196**BI-64-194** 23 cm 3mm**BI-64-195** 23 cm 4mm**BI-64-196** 23 cm 5mm

1/2



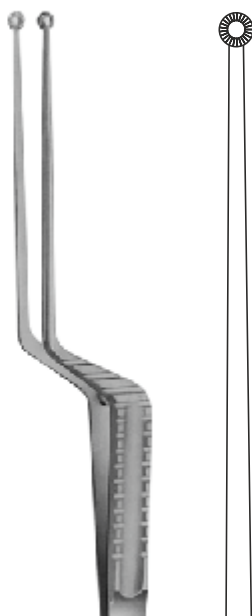
Hunt

BI-64-197

20 cm

Tumor and vessel forceps

1/2



Hunt

BI-64-198

20 cm

Tumor and vessel forceps

1/2



Yasargil

BI-64-199 - BI-64-203

22 cm

Tumor and vessel forceps

1/2

Yasargil-Type Spoon-Shaped Jaws


BI-64-199
 22 cm
 3 mm

BI-64-200
 22 cm
 5 mm

BI-64-201
 22 cm
 7 mm

Yasargil-Type Flat Jaws Serrated


BI-64-202
 22 cm
 3 mm

BI-64-203
 22 cm
 5 mm

Ligature Forceps, Micro Forceps (Light Patterns)

Ligaturzange, Mikrozange (Lichtmuster)

Pinça de Ligadura, Micro Pinças (Padrões de Luz)

Pinzas de ligadura, pinzas micro (patrones de luz)



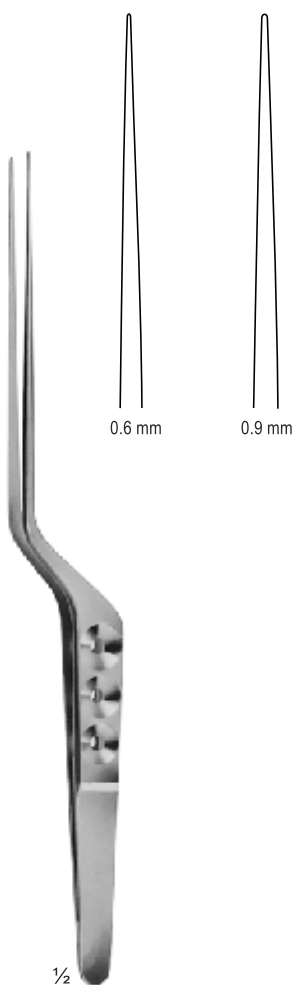
Yasargil

BI-65-204 - BI-65-205

BI-65-204 20 cm 0.6 mm

BI-65-205 20 cm 0.9 mm

Bayonet



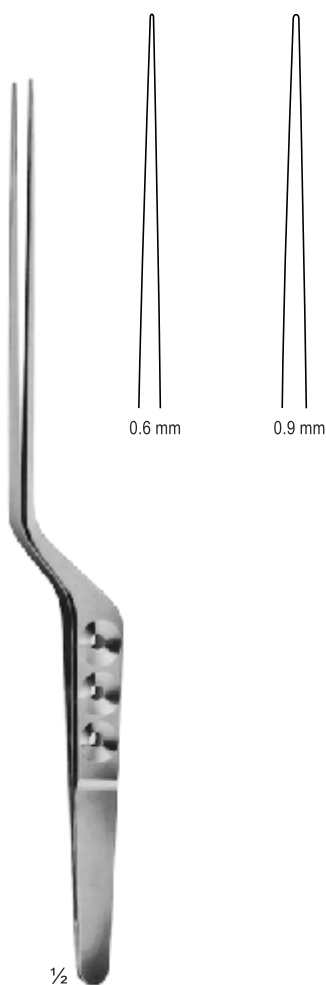
Yasargil

BI-65-206 - BI-65-207

BI-65-206 22 cm 0.6 mm

BI-65-207 22 cm 0.9 mm

Bayonet



Yasargil

BI-65-208 - BI-65-209

BI-65-208 24 cm 0.6 mm

BI-65-209 24 cm 0.9 mm

Bayonet



Yasargil

BI-65-210 - BI-65-213

BI-65-210 18 cm

BI-65-211 20 cm

BI-65-212 22 cm

BI-65-213 24 cm

Bayonet

Jeweler Type Forceps

Juwelier Art Pinzetten

Fórceps Tipo Joalheiro

Tipo de joyero pinzas

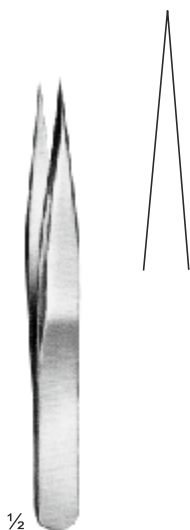


Fig. 3
BI-66-314
12 cm

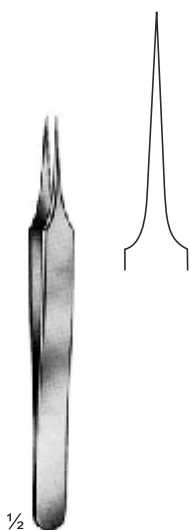


Fig. 4
BI-66-315
11 cm

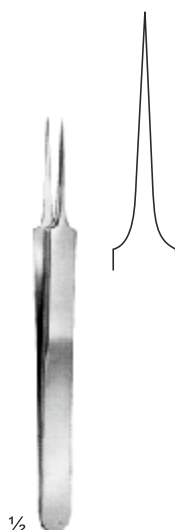


Fig. 5
BI-66-316
11 cm

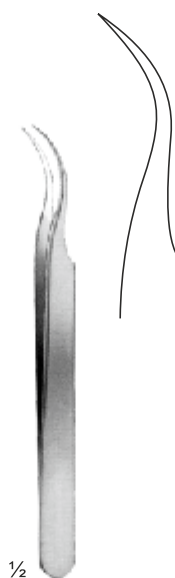
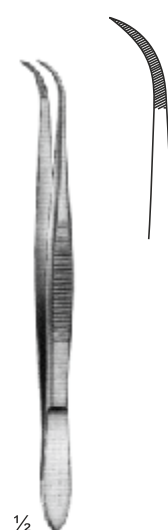


Fig. 7
BI-66-317
12 cm



BI-66-318
12.5 cm
Serrated jaw



BI-66-319 - BI-66-320
BI-66-319 12 cm
BI-66-320 13.5 cm



BI-66-321
18 cm



BI-66-322
11 cm



BI-66-323
11 cm
with 10° angled
dilation tips



BI-66-324
15.5 cm
Micro tying forceps,
smooth jaw

Splinter Forceps, Cilia Forceps, Foreign Body Forceps

Splinter-Zange, Cilia-Zange, Former-Baby-Zange

Pinça Splinter, Pinças Cilia, Pinças estrangeiras para bebês

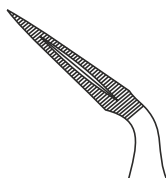
Pinzas astilladas, pinzas cilia, pinzas forâneas para bebês



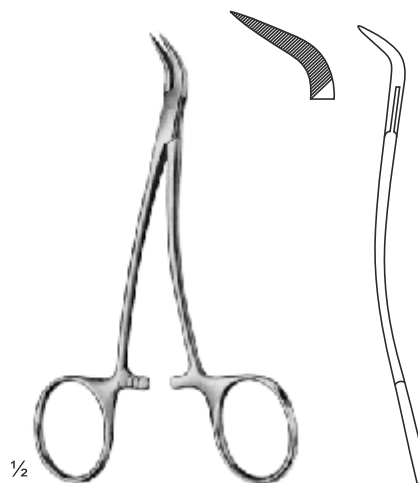
Stieglitz
BI-67-325 - BI-67-326
Splinter forceps



BI-67-325
10.5 cm



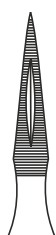
BI-67-326
10.5 cm



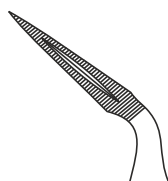
Peet
BI-67-327
12 cm
Splinter forceps



Ralk
BI-67-328 - BI-67-329
14 cm
Splinter forceps



BI-67-328
15 cm



BI-67-329
14 cm



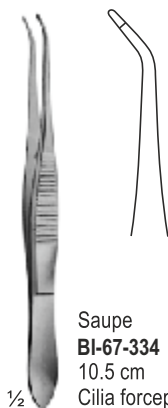
Hunter
BI-67-330
10.5 cm
Splinter forceps



Feilchenfeld
BI-67-331 - BI-67-333
9 cm
Splinter forceps



BI-67-331 7.5 cm
BI-67-332 9 cm
BI-67-333 11.5 cm



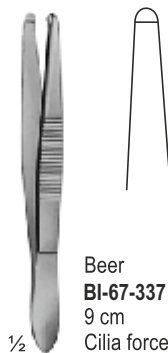
Saupe
BI-67-334
10.5 cm
Cilia forceps



Schaaf
BI-67-335
9.5 cm
Foreign body forceps



Littauer
BI-67-336
9 cm
Cilia forceps



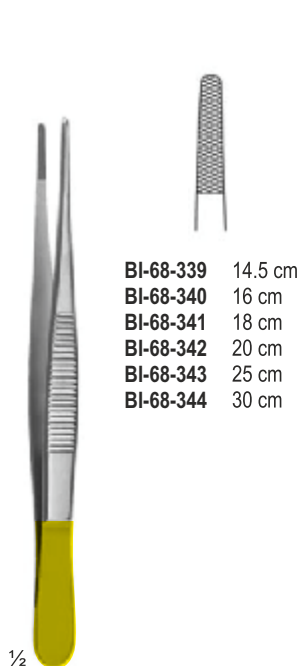
Beer
BI-67-337
9 cm
Cilia forceps



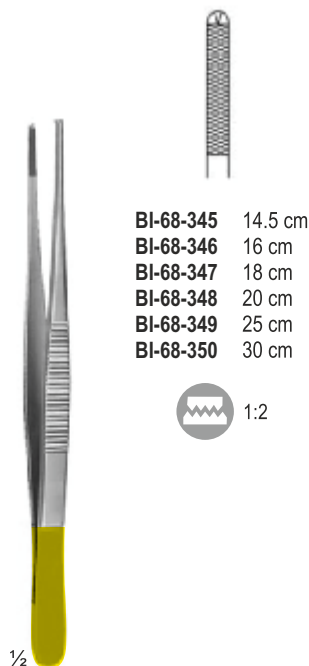
Douglas
BI-67-338
9 cm
Cilia forceps

Dissecting Forceps T.C., Tissue Forceps T.C.

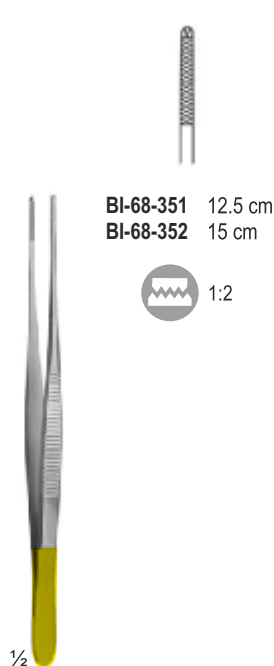
Spaltpinzette T.C., Gewebepinzette T.C.
Pinça Dissecante T.C., Pinça de Tecido T.C.
Dissección de fórceps T.C., pinzas de tejido T.C.



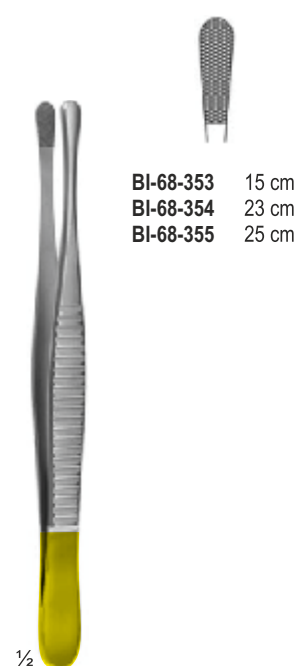
Standard
BI-68-339 - BI-68-344
14.5 cm



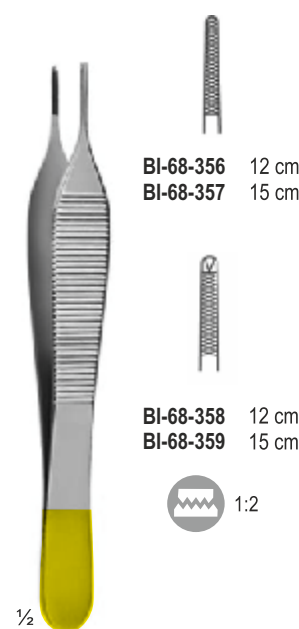
Standard
BI-68-345 - BI-68-350
14.5 cm



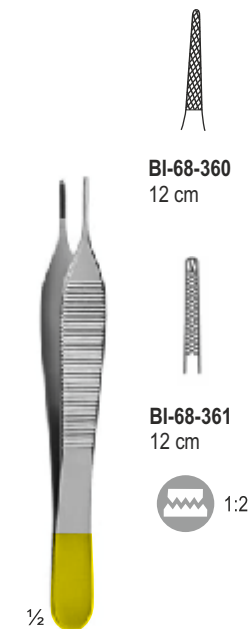
Narrow
BI-68-351 - BI-68-352
12.5 cm



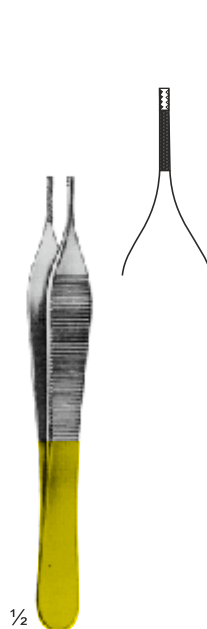
Wangensteen
BI-68-353 - BI-68-355
15 cm



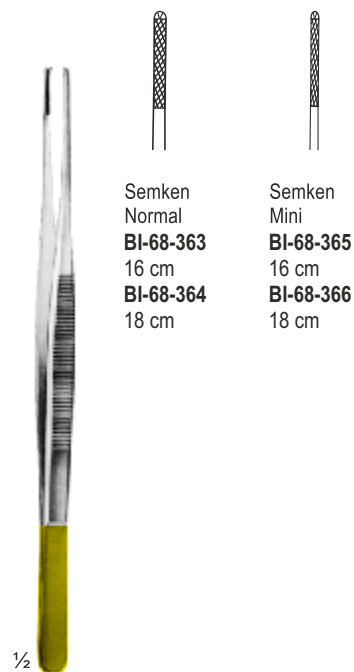
Adson
BI-68-356 - BI-68-359
15 cm



Micro Adson
BI-68-360 - BI-68-361
12 cm



Adson-brown
BI-68-362
12 cm



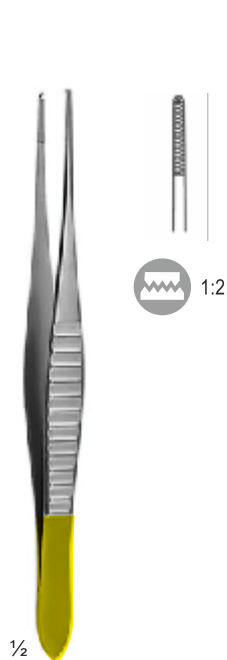
Semken
BI-68-363 - BI-68-366
16 cm

Dissecting Forceps T.C., Tissue Forceps T.C.

Spaltpinzette T.C., Gewebepinzette T.C.

Pinça Dissecante T.C., Pinça de Tecido T.C.

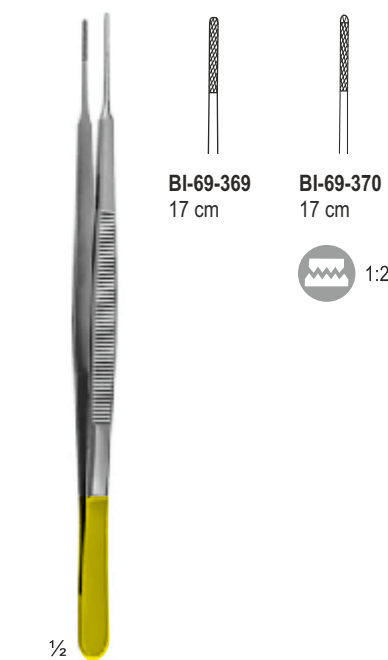
Diseción de fórceps T.C., pinzas de tejido T.C.



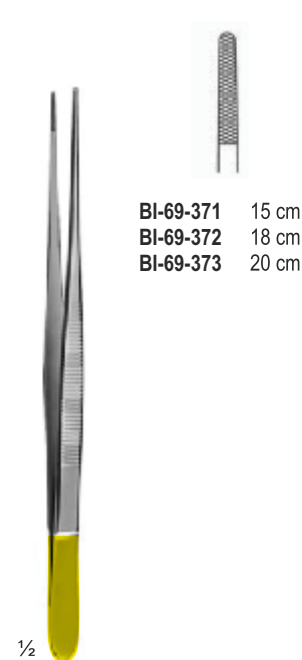
Gillies
BI-69-367
15 cm



McIndoe
BI-69-368
15 cm

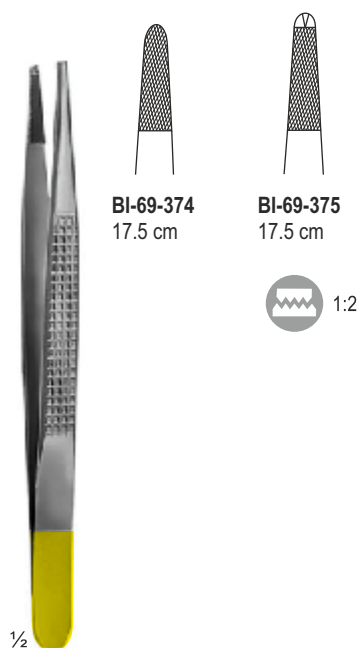


Gerald
BI-69-369 - BI-69-370



Potts-smith
BI-69-371 - BI-69-373
15 cm

BI-69-371 15 cm
BI-69-372 18 cm
BI-69-373 20 cm



Bonney
BI-69-374 - BI-69-375

BI-69-374
17.5 cm

BI-69-375
17.5 cm



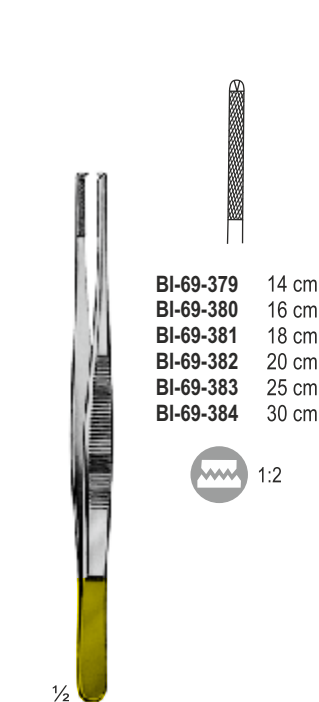
Cushing
BI-69-376 - BI-69-377
17.5 cm

BI-69-376
18 cm

BI-69-377
17.5 cm

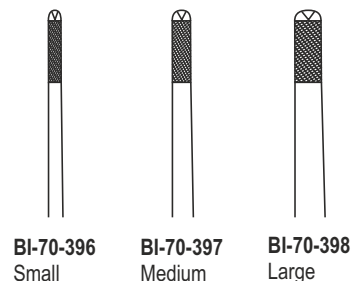
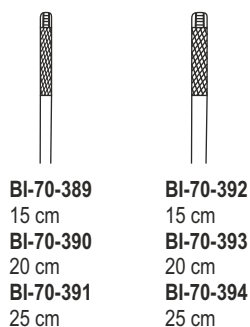
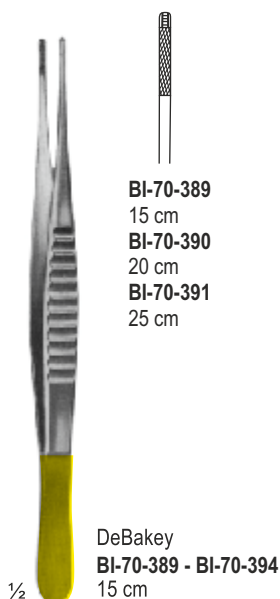
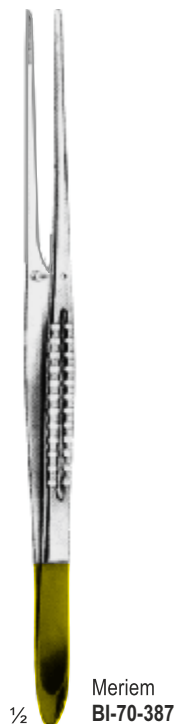


Cushing-Taylor
BI-69-378
18 cm



Oehler
BI-69-379 - BI-69-384
14 cm

BI-69-379 14 cm
BI-69-380 16 cm
BI-69-381 18 cm
BI-69-382 20 cm
BI-69-383 25 cm
BI-69-384 30 cm





Artery Forceps

Arterienzange

Pinça de artéria

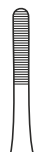
Pinzas arteriales

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Bulldog Clamps

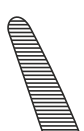
Bulldogklammern
Braçadeiras de Buldogue
Bulldog abrazaderas



						
St	BI-72-001	BI-72-002	BI-72-003	BI-72-004	BI-72-005	BI-72-006
	31 mm	35 mm	39 mm	30 mm	33 mm	36 mm
	10 mm	10 mm	10 mm	10 mm	10 mm	10 mm

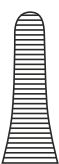
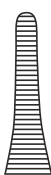
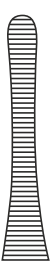
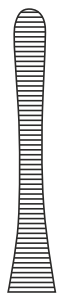
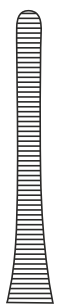
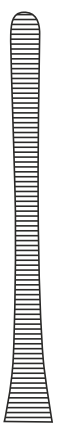
BI-72-001 - BI-72-006
Extra light



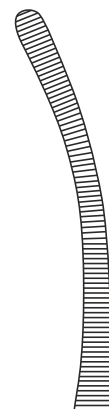
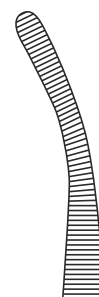
						
St	BI-72-007	BI-72-008	BI-72-009	BI-72-010	BI-72-011	BI-72-012
	6 cm	6 cm	3,5 cm	5 cm	3,5 cm	5 cm

Dieffenbach
BI-72-008 - BI-72-012



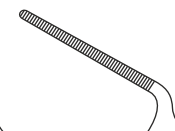
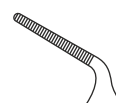
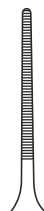
							
St	BI-72-013	BI-72-014	BI-72-015	BI-72-016	BI-72-017	BI-72-018	BI-72-019
	3,8 cm	4,5 cm	5,5 cm	6,5 cm	7 cm	7,5 cm	9 cm

Johns-Hopkins
BI-72-013 - BI-72-019



St	BI-73-020	BI-73-021	BI-73-022	BI-73-023	BI-73-024	BI-73-025	BI-73-026
U	3.8 cm	4.5 cm	5.5 cm	6.5 cm	7 cm	7.5 cm	9 cm

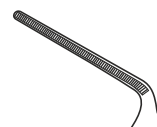
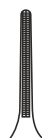
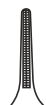
Johns-Hopkins
 BI-73-020 - BI-73-026



St	BI-73-027	BI-73-028	BI-73-029	BI-73-030	BI-73-031	BI-73-032
U	45 mm	50 mm	60 mm	40 mm	45 mm	50 mm
U	8 mm	12 mm	20 mm	8 mm	12 mm	20 mm

Diethrich
 BI-73-027 - BI-73-032

ATRAUMA



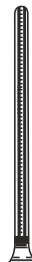
St	BI-73-033	BI-73-034	BI-73-035	BI-73-036	BI-73-037	BI-73-038
Ti	BI-73-039	BI-73-040	BI-73-041	BI-73-042	BI-73-043	BI-73-044
U	45 mm	50 mm	60 mm	35 mm	45 mm	50 mm
U	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm

DeBakey-Diethrich
 BI-73-033 - BI-73-044

ATRAUMA



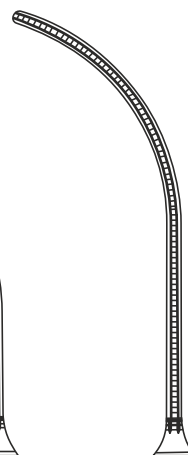
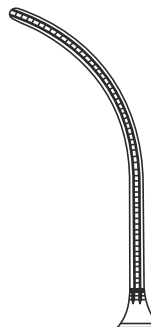
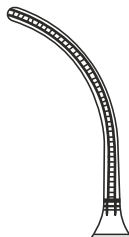
DeBakey
BI-74-045 - BI-74-052



St	BI-74-045	BI-74-046	BI-74-047	BI-74-048
Ti	BI-74-049	BI-74-050	BI-74-051	BI-74-052
mm	7.5 cm	8.5 cm	10 cm	12 cm



DeBakey
BI-74-053 - BI-74-060



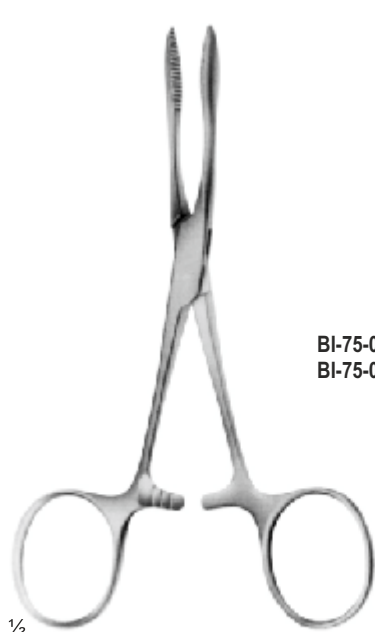
St	BI-74-053	BI-74-054	BI-74-055	BI-74-056
Ti	BI-74-057	BI-74-058	BI-74-059	BI-74-060
mm	7.5 cm	8.5 cm	10 cm	12 cm

Haemostatic Forceps, Dissecting and Ligature Forceps

Hämostatische Pinzetten, Präparier- und Ligaturzangen

Pinça Hemostática, Pinça de Dissecção e Ligadura

Pinzas hemostáticas, disección y pinzas de ligadura



1/2

Pean
BI-75-061 - BI-75-062
16 cm



BI-75-061 14.5 cm
BI-75-062 16 cm



1/2

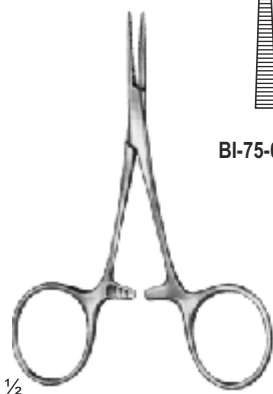
Spencer-Wells
BI-75-063 - BI-75-072
13 cm



BI-75-063 13 cm
BI-75-064 14.5 cm
BI-75-065 15.5 cm
BI-75-066 18.5 cm
BI-75-067 20 cm



BI-75-068 13 cm
BI-75-069 14 cm
BI-75-070 15 cm
BI-75-071 18 cm
BI-75-072 20 cm



1/2

Hartmann
BI-75-073 - BI-75-074
10 cm



BI-75-073



BI-75-074



1/2

Mixer-Baby
BI-75-075 - BI-75-077
13.5 cm
Dissecting & ligature forceps



BI-75-075
13.5 cm



BI-75-076
13 cm



1/2

Schwartz
BI-75-078
20 cm
Bulldog applying forceps

Haemostatic Forceps, Organ Grasping Forceps

Hämostatische Pinzetten, Organfaßzangen

Pinça hemostática, pinça de apreensão de órgãos

Pinzas hemostáticas, fórceps de agarre de órganos

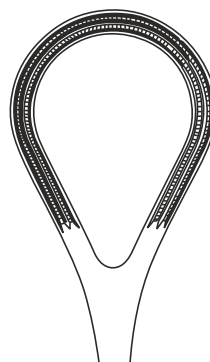
ATRAUMA



BI-76-079 - BI-76-080
25 cm
Organ grasping forceps



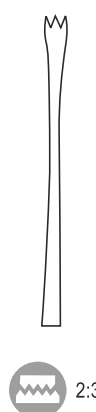
BI-76-079
25 cm



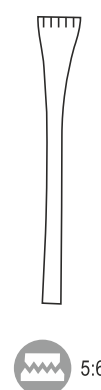
BI-76-080
26 cm



Chaput
BI-76-081
12.5 cm
2 X 3 teeth, sharp

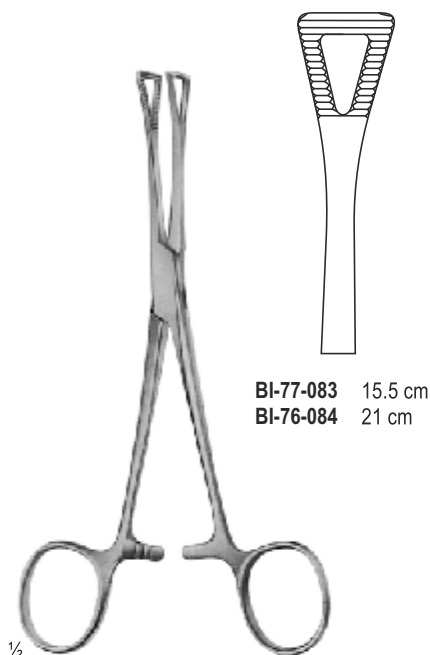


Tuffier
BI-76-082
12.5 cm
5 X 6 teeth, sharp



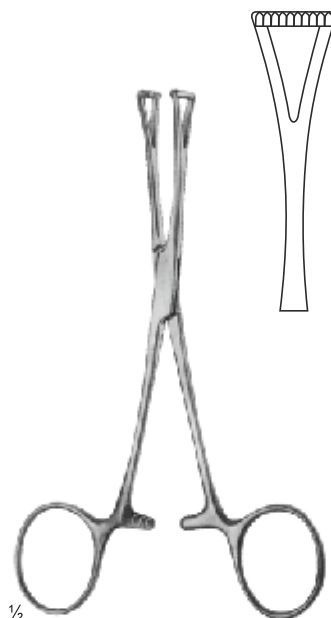
Haemostatic Forceps, Organ Grasping Forceps, Face Lift Forceps

Hämostatische Pinzette, Organ-fassende Pinzette, Facelift-Pinzette
Pinça Hemostática, Pinça de Apreensão de Órgãos, Pinça de Levantamento Facial
Pinzas hemostáticas, fórceps de agarre de órganos, fórceps de estiramiento facial

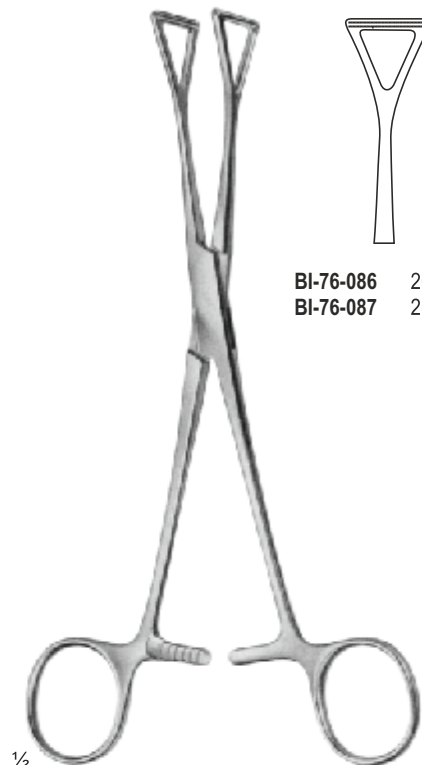


BI-77-083 15.5 cm
BI-76-084 21 cm

Pennington
BI-76-083 - BI-76-084
15.5 cm

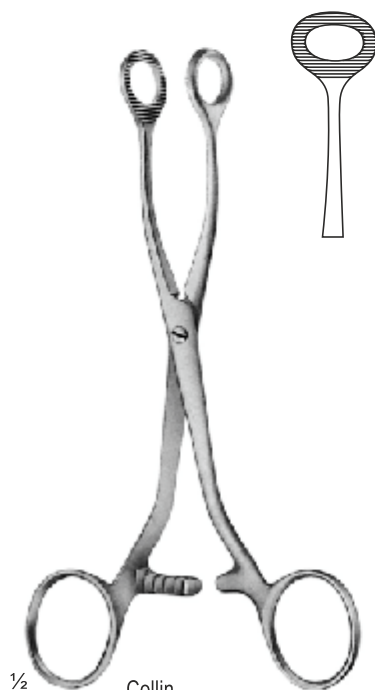


Collin
BI-76-085
14 cm
Organ grasping forceps

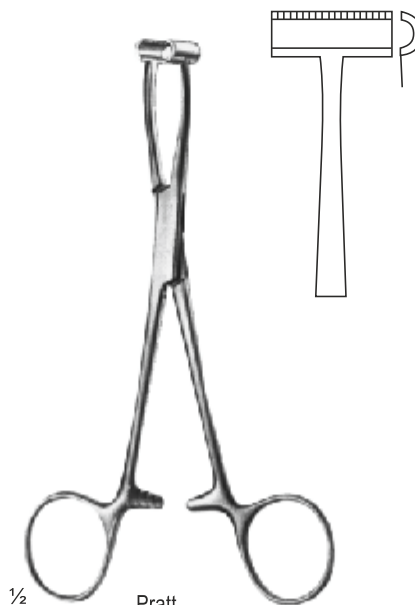


BI-76-086 20 cm
BI-76-087 23 cm

Collin
BI-76-087 - BI-76-087
20 cm
Intestinal grasping forceps



Collin
BI-77-088
17 cm
Tumor grasping forceps



Pratt
BI-77-089
15 cm



Martel-Rees
BI-77-090
13.5 cm
Face lift forceps

Haemostatic Forceps

Hämostatische Pinzetten

Pinça hemostática

Pinzas hemostáticas



1/2

Halsted-Mosquito

BI-78-091 - BI-78-098

14 cm



BI-78-091 12.5 cm
BI-78-092 14 cm



BI-78-093 12.5 cm
BI-78-094 14 cm



BI-78-095 12.5 cm
BI-78-096 14 cm



BI-78-097 12.5 cm
BI-78-098 14 cm



1:2



1:2



1/2

Halsted-Mosquito

BI-78-099 - BI-78-106

18 cm



BI-78-099 18 cm
BI-78-100 21 cm



BI-78-101 18 cm
BI-78-102 21 cm



BI-78-103 18 cm
BI-78-104 21 cm



BI-78-105 18 cm
BI-78-106 21 cm



1:2



1:2

Haemostatic Forceps

Hämostatische Pinzetten

Pinça hemostática

Pinzas hemostáticas

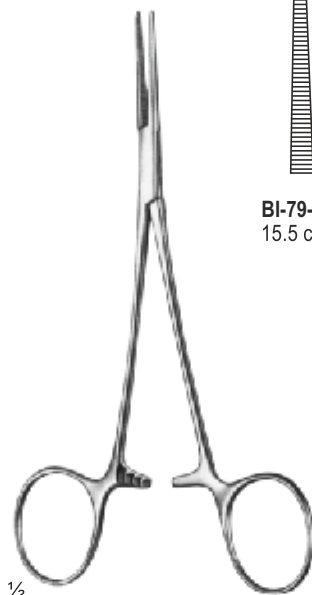


BI-79-107
14 cm



BI-79-108
13.5 cm

Providence-Hospital
BI-79-107 - BI-79-108
14 cm



BI-79-109
15.5 cm

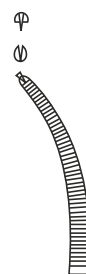
Leriche
BI-79-109 - BI-79-112
15.5 cm



BI-79-110
15 cm



BI-79-111
15.5 cm



BI-79-112
15 cm

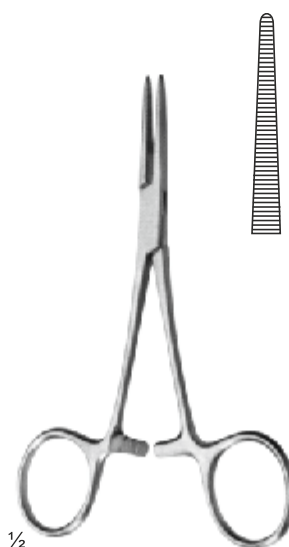


BI-79-113



BI-79-114

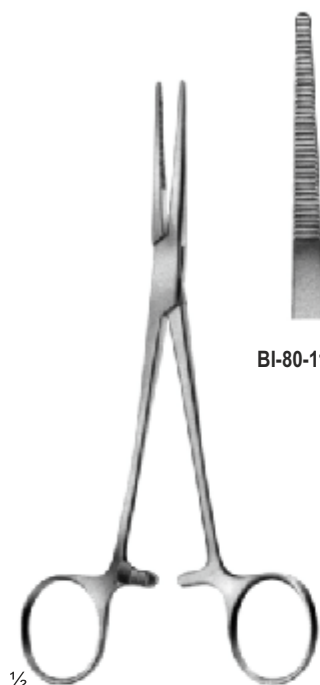
Kelly
BI-79-113 - BI-79-114
14 cm



Dunhill
BI-79-115
12.5 cm



Dunhill
BI-79-116
18.5 cm



BI-80-117

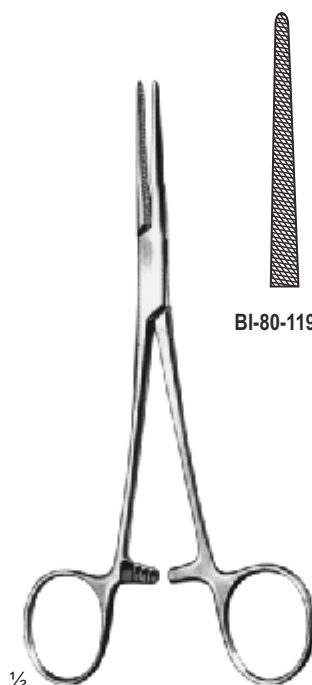


BI-80-118

Kelly-Rankin

BI-80-117 - BI-80-118

16 cm



BI-80-119



BI-80-120



1:2

Lovelace

BI-80-119 - BI-80-120

16 cm



1/2

Obwegeser

BI-80-121

19 cm



BI-80-122

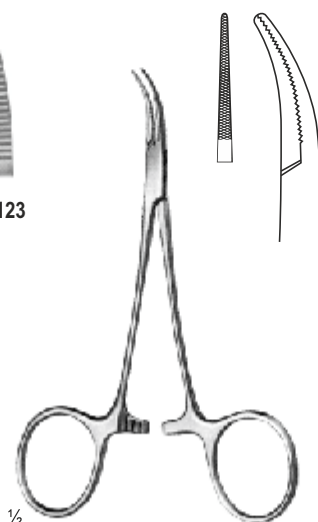


BI-80-123

Crile-Rankin

BI-80-122 - BI-80-123

16 cm



1/2

Dandy-Mosquito

BI-80-124

12 cm

Laterally curved



1/2

Dandy

BI-80-125 - BI-80-126

14.5 cm

Laterally curved



BI-80-125

14.5 cm



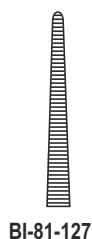
BI-80-126

14.5 cm



1:2

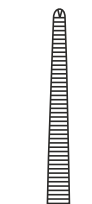
Hämostatische Pinzetten, Präparation, Ligaturzange
Pinça Hemostática, Dissecante, Pinça de Ligadura
Pinzas hemostáticas, disección, pinzas de ligadura



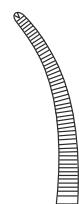
BI-81-127



BI-81-128



BI-81-129



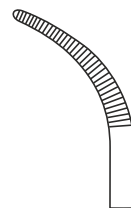
BI-81-130



1.2



1.2



BI-81-131
18.5 cm



BI-81-132
19 cm



Schmidt
BI-81-131 - BI-81-132

Dissecting & ligature forceps



Adson
BI-81-133 - BI-81-134

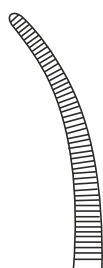
Dissecting & ligature forceps



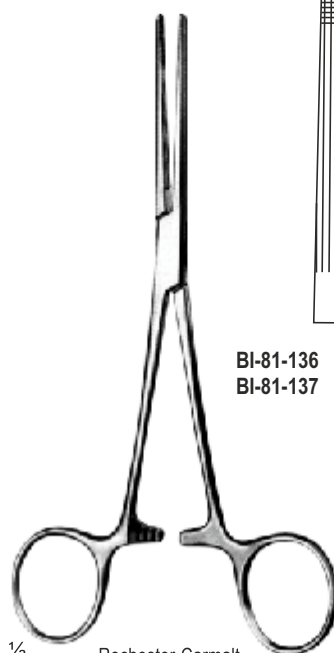
BI-81-133
19 cm



BI-81-134
18.5 cm



1/2 Martin-Fuchsig
BI-81-135
20.5 cm
Dissecting & lig



1/2 Rochester-Carmalt
BI-81-136 - BI-81-139
17 cm
Haemostatic forceps



BI-81-136	17 cm
BI-81-137	20.5 cm



BI-81-138	16.5 cm
BI-81-139	20 cm



1/2 Overholt-Baby
BI-81-140
13.5 cm
Dissecting & ligature forceps

Haemostatic Forceps

Hämostatische Pinzetten

Pinça hemostática

Pinzas hemostáticas



1/2

Pean

BI-82-141 - BI-82-146

17 cm

BI-82-141 13.5 cm
BI-82-142 14.5 cm
BI-82-143 17 cm

BI-82-144 13 cm
BI-82-145 14 cm
BI-82-146 16.5 cm



1/2

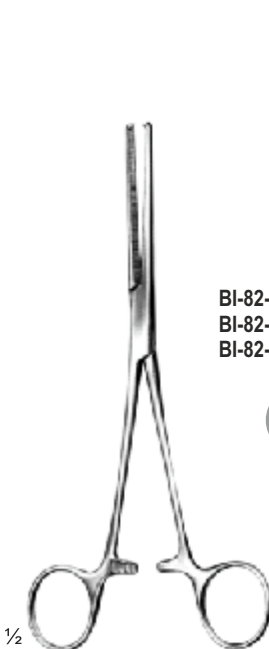
Pean-Nippon

BI-82-147 - BI-82-152

14.5 cm

BI-82-147 14.5 cm
BI-82-148 16.5 cm
BI-82-149 18.5 cm

BI-82-150 14 cm
BI-82-151 16 cm
BI-82-152 18 cm



1/2

Kocher

BI-82-153 - BI-82-158

14 cm

BI-82-153 13 cm
BI-82-154 14 cm
BI-82-155 16 cm

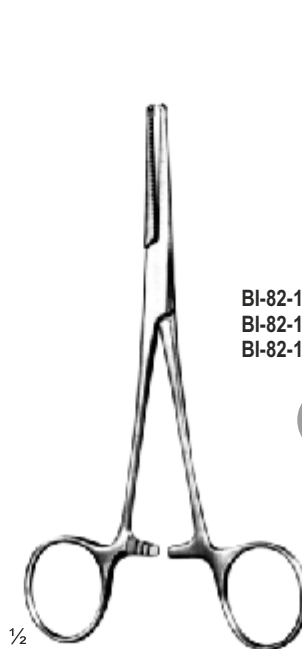
BI-82-156 13 cm
BI-82-157 14 cm
BI-82-158 16 cm



1:2



1:2



1/2

Kocher-Nippon

BI-82-159 - BI-82-164

14.5 cm

BI-82-159 14.5 cm
BI-82-160 16.5 cm
BI-82-161 18.5 cm

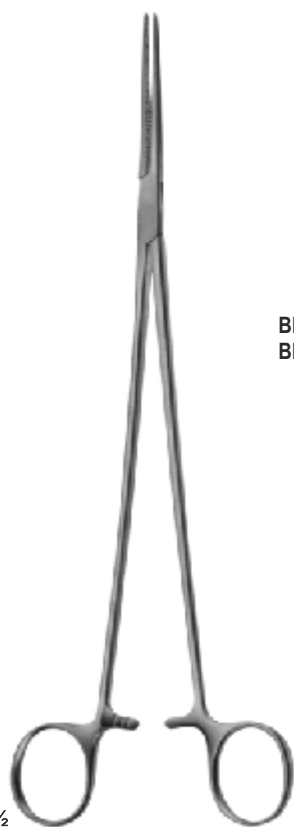
BI-82-162 14 cm
BI-82-163 16 cm
BI-82-164 18 cm



1:2



1:2

 $\frac{1}{2}$ Bengolea
BI-83-165 - BI-83-172
21.5 cmBI-83-165 21.5 cm
BI-83-166 26 cmBI-83-167 21.5 cm
BI-83-168 26 cmBI-83-169 21.5 cm
BI-83-170 26 cmBI-83-171 21.5 cm
BI-83-172 26 cm

1:2



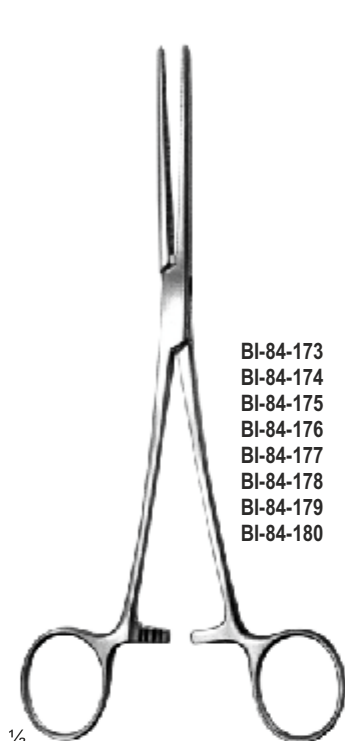
1:2

Haemostatic Forceps, Dissecting, Ligature Forceps

Hämostatische Pinzetten, Präparation, Ligaturzange

Pinça Hemostática, Dissecante, Pinça de Ligadura

Pinzas hemostáticas, disección, pinzas de ligadura



BI-84-173	14.5 cm
BI-84-174	16.5 cm
BI-84-175	18.5 cm
BI-84-176	20.5 cm
BI-84-177	22.5 cm
BI-84-178	24.5 cm
BI-84-179	26 cm
BI-84-180	30.5 cm

Pean (Rochester)

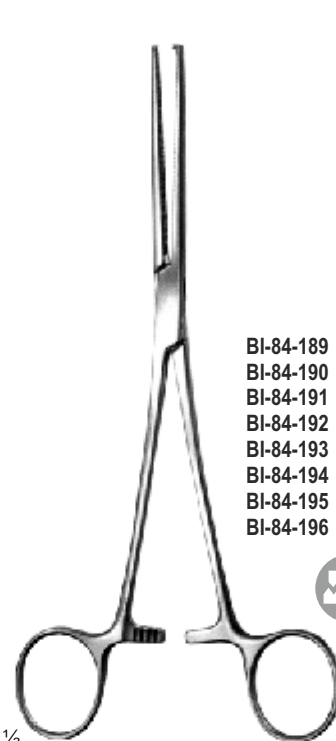
BI-84-173 - BI-84-188

18.5 cm

Haemostatic forceps



BI-84-181	14.5 cm
BI-84-182	16.5 cm
BI-84-183	18.5 cm
BI-84-184	20.5 cm
BI-84-185	22.5 cm
BI-84-186	24.5 cm
BI-84-187	26 cm
BI-84-188	30.5 cm



BI-84-189	14.5 cm
BI-84-190	16.5 cm
BI-84-191	18.5 cm
BI-84-192	20.5 cm
BI-84-193	22.5 cm
BI-84-194	24 cm
BI-84-195	26 cm
BI-84-196	31 cm



1:2

Kocher (Ochsner)

BI-84-189 - BI-84-204

18.5 cm

Haemostatic forceps



BI-84-197	14.5 cm
BI-84-198	16.5 cm
BI-84-199	18.5 cm
BI-84-200	20.5 cm
BI-84-201	22.5 cm
BI-84-202	24 cm
BI-84-203	26 cm
BI-84-204	31 cm



1:2



Overholt-Martin

BI-84-205 - BI-84-209

18.5 cm

Dissecting & ligature forceps

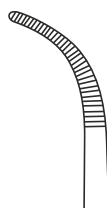


Fig. 1
BI-84-205
18.5 cm

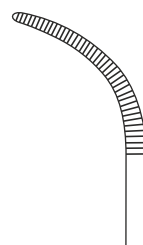


Fig. 2
BI-84-206
20.5 cm

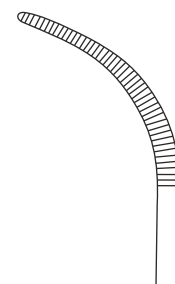


Fig. 3
BI-84-207
21 cm

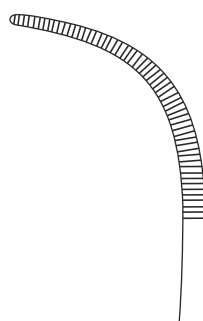


Fig. 4
BI-84-208
21.5 cm

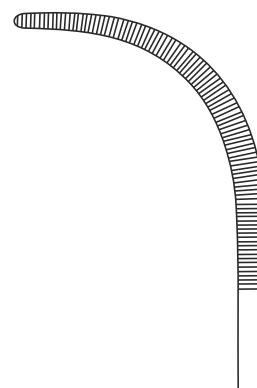


Fig. 5
BI-84-209
24.5 cm

Dissecting, Ligature Forceps
 Präparierende Ligaturzange
 Dissecando, Pinça de Ligadura
 Disección, pinzas de ligadura



1/2

Mixer-Baby
BI-85-210
 18.5 cm

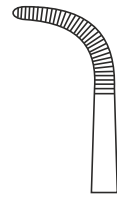


1/2

Adson-Baby
BI-85-211 - BI-85-212
 18 cm



BI-85-211
 14.5 cm



BI-85-212
 18 cm



1/2

Heiss
BI-85-213 - BI-85-215
 21 cm



BI-85-213
 21 cm



BI-85-214
 20.5 cm



BI-85-215
 20 cm

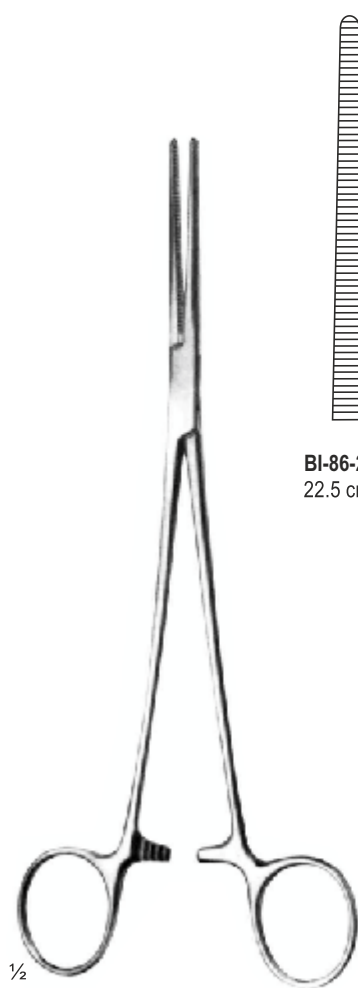


1/2

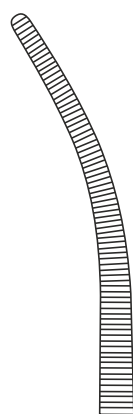
Overholt-Mixer
BI-85-216
 22 cm

Dissecting, Ligature Forceps

Präparierende Ligaturzange
Dissecando, Pinça de Ligadura
Disección, pinzas de ligadura



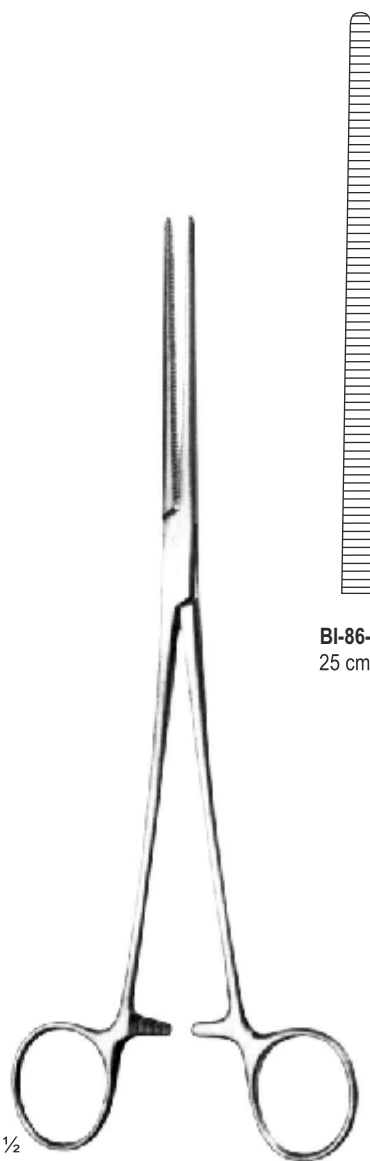
BI-86-217
22.5 cm



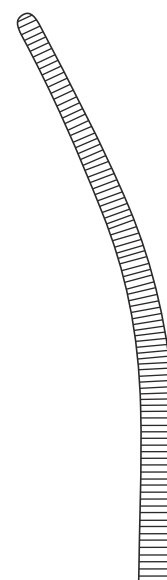
BI-86-218
22 cm

1/2

Roberts
BI-86-217 -BI-86-218
22.5 cm



BI-86-219
25 cm



BI-86-220
24.5 cm

1/2

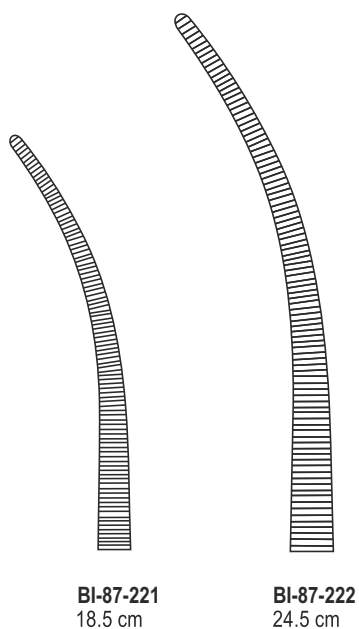
Sarot
BI-86-219 -BI-86-220
25 cm

Dissecting, Ligature Forceps

Präparierende Ligaturzange
Dissecando, Pinça de Ligadura
Disección, pinzas de ligadura



Crafoord
BI-87-221 - BI-87-222
24.5 cm

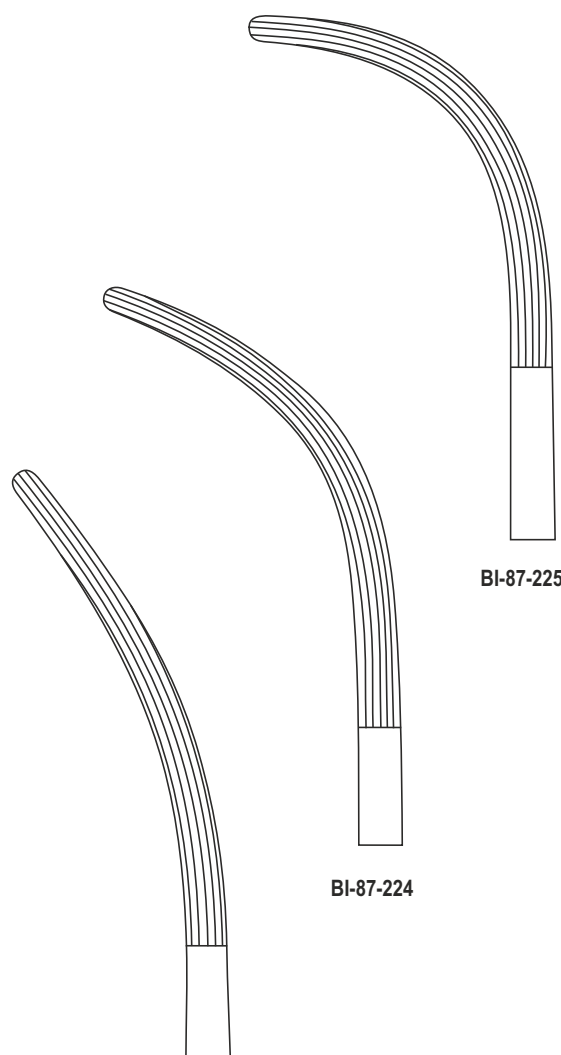


BI-87-221
18.5 cm

BI-87-222
24.5 cm



Crafoord-Sellors
BI-87-223 - BI-87-225
24 cm



BI-87-224

BI-87-225

BI-87-223

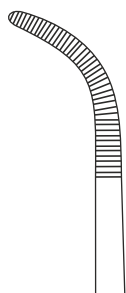


Fig.1
BI-88-226
20.5 cm

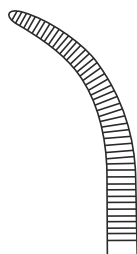


Fig.2
BI-88-227
20 cm

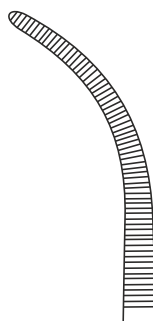


Fig.3
BI-88-228
21.5 cm

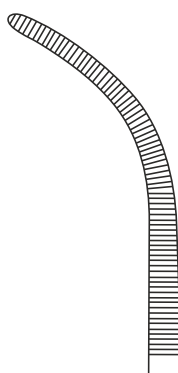


Fig.4
BI-88-229
22 cm

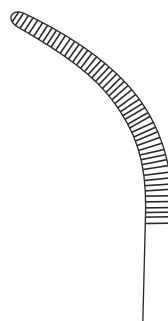


Fig.5
BI-88-230
21.5 cm

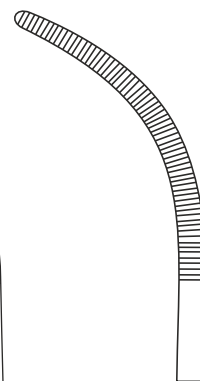


Fig.6
BI-88-231
22 cm



Fig.7
BI-88-232
22 cm



Overholt-Geissendörfer
BI-88-226 - BI-88-239
20.5 cm

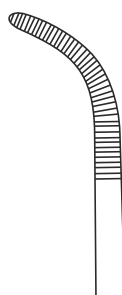


Fig.1
BI-88-233
27 cm

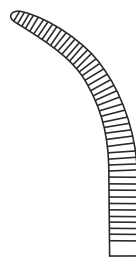


Fig.2
BI-88-234
26.5 cm

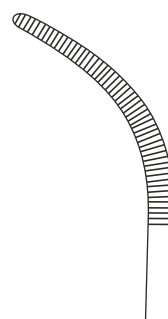


Fig.3
BI-88-235
27.5 cm

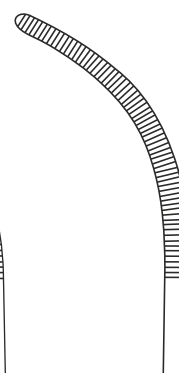


Fig.4
BI-88-236
28 cm

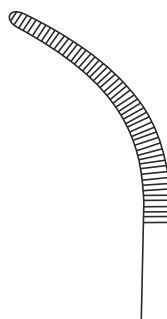


Fig.5
BI-88-237
27.5 cm

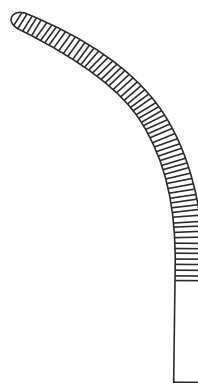


Fig.6
BI-88-238
28 cm



Fig.7
BI-88-239
27.5 cm

Dissecting, Ligature Forceps

Präparierende Ligaturzange
Dissecando, Pinça de Ligadura
Disección, pinzas de ligadura



1/2

Fig.1
BI-89-240
24 cm

Fig.2
BI-89-241
24 cm

Fig.3
BI-89-242
23.5 cm

Fig.4
BI-89-243
24 cm

Fig.5
BI-89-244
24 cm

Rumel
BI-89-240 - BI-89-244
24 cm



Fig.0
BI-89-245
21.5 cm



Fig.1
BI-89-246
22 cm



Fig.2
BI-89-247
22.5 cm



Fig.3
BI-89-248
23 cm



Fig.6
BI-89-249
22.5 cm

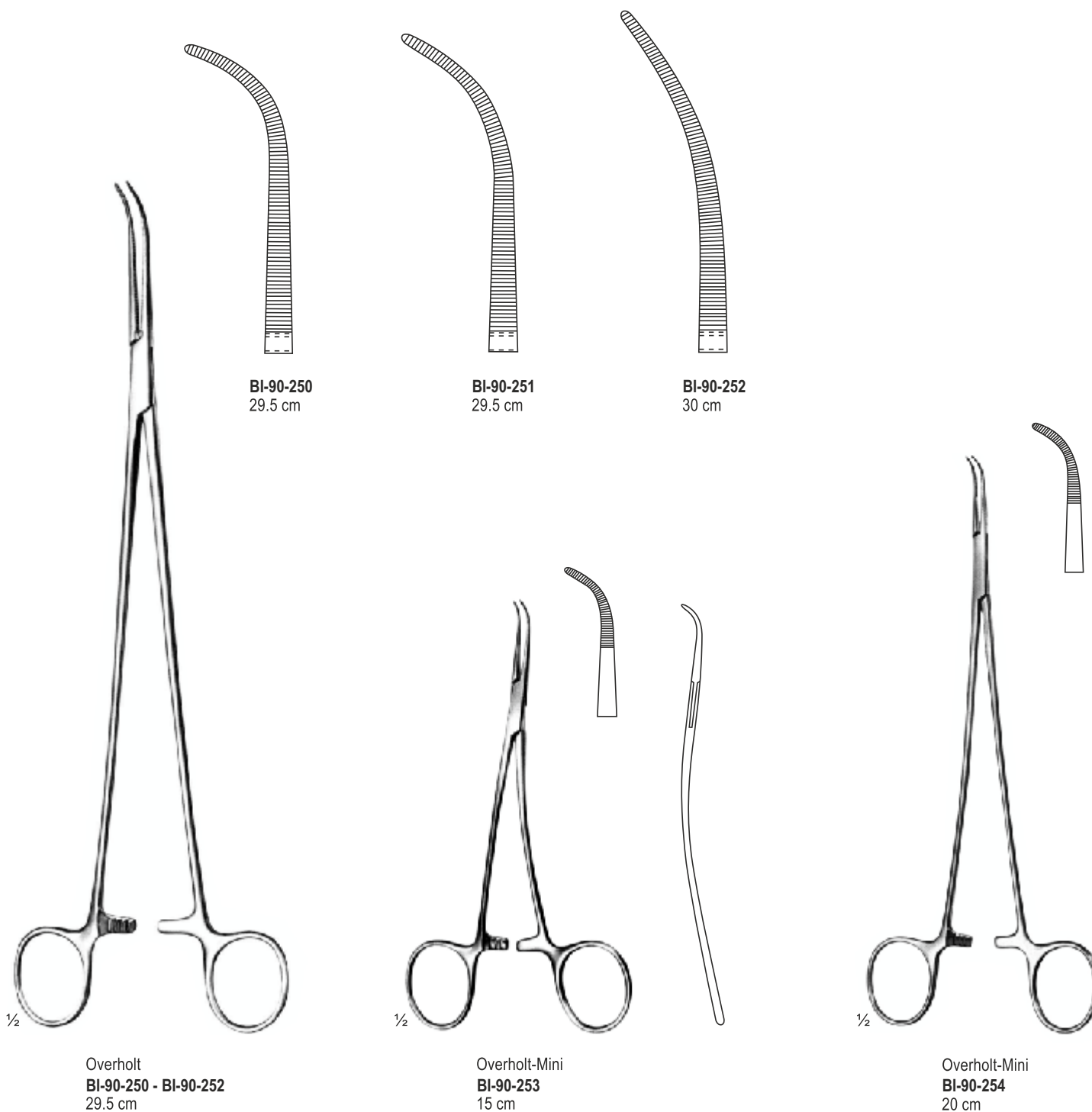
Overholt-Fine
BI-89-245 - BI-89-249
21.5 cm



1/2

Dissecting, Ligature Forceps

Präparierende Ligaturzange
Dissecando, Pinça de Ligadura
Disección, pinzas de ligadura



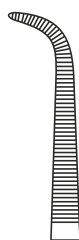


1/2

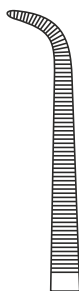
Mini-Gemini

BI-91-255 - BI-91-258

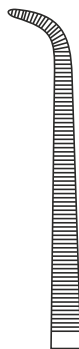
18 cm



BI-91-255
18 cm



BI-91-256
23 cm



BI-91-257
25 cm



BI-91-258
28 cm

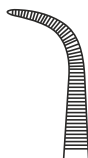


1/2

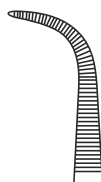
Gemini

BI-91-259 - BI-91-265

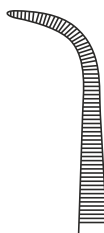
18 cm



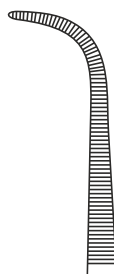
BI-91-259
13 cm



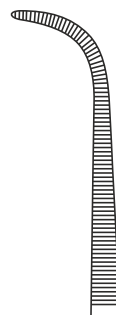
BI-91-260
16 cm



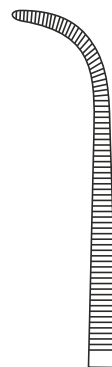
BI-91-261
18 cm



BI-91-262
21 cm



BI-91-263
23 cm



BI-91-264
25 cm



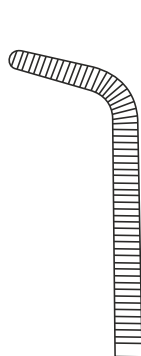
BI-91-265
28 cm

Dissecting, Ligature Forceps

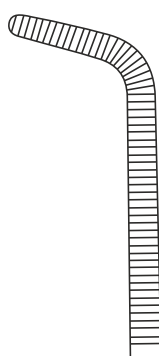
Präparierende Ligaturzange
Dissecando, Pinça de Ligadura
Disección, pinzas de ligadura



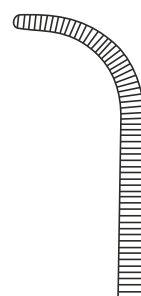
Mixer
BI-92-266 - BI-92-267



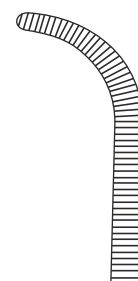
BI-92-266
16 cm



BI-92-267
17.5 cm



BI-92-268
15 cm



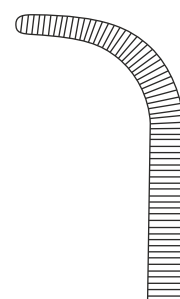
BI-92-269
18 cm



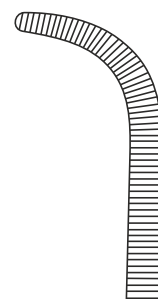
BI-92-270
18.5 cm



BI-92-271
20 cm



BI-92-272
23 cm



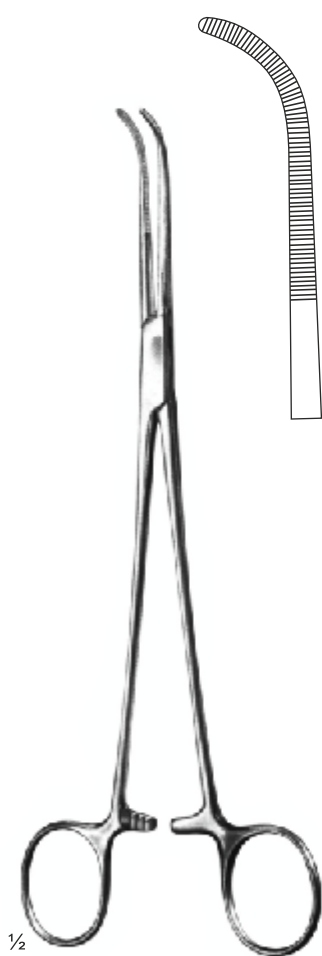
BI-92-273
24 cm



O'Shaughnessy
BI-92-268 - BI-92-273
23 cm

Dissecting, Ligature Forceps

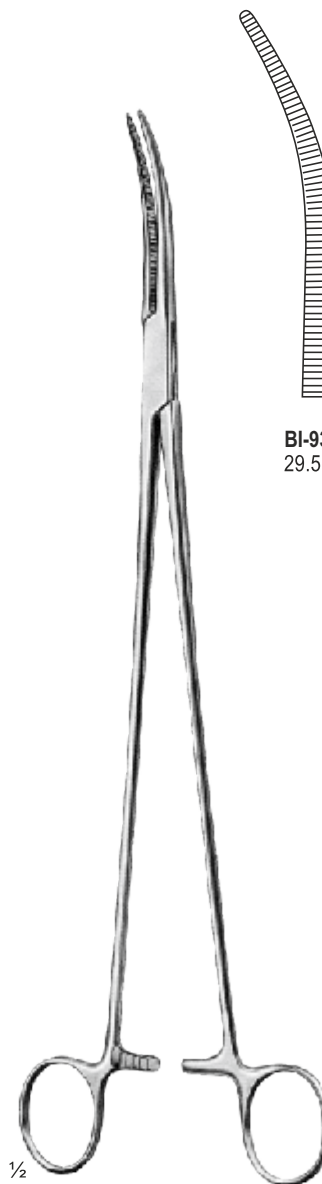
Präparierende Ligaturzange
Dissecando, Pinça de Ligadura
Disección, pinzas de ligadura



Mixer
BI-93-274
22.5 cm



Mixer
BI-93-275
23 cm



Zenker
BI-93-276 - BI-93-277
28.5 cm

BI-93-276
29.5 cm

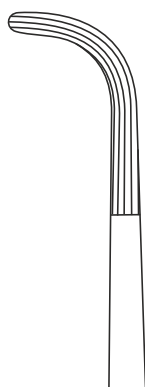
BI-93-277
28.5 cm

Dissecting, Ligature Forceps

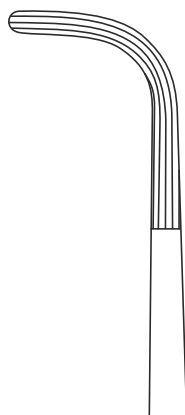
Präparierende Ligaturzange
Dissecando, Pinça de Ligadura
Disección, pinzas de ligadura



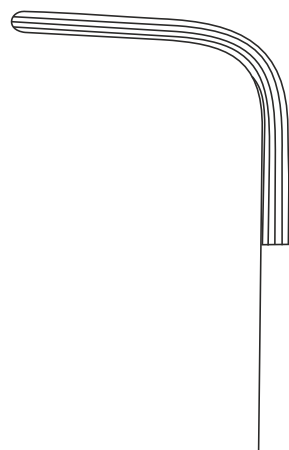
1/2
Mixer
BI-94-278 - BI-94-280
22.5 cm



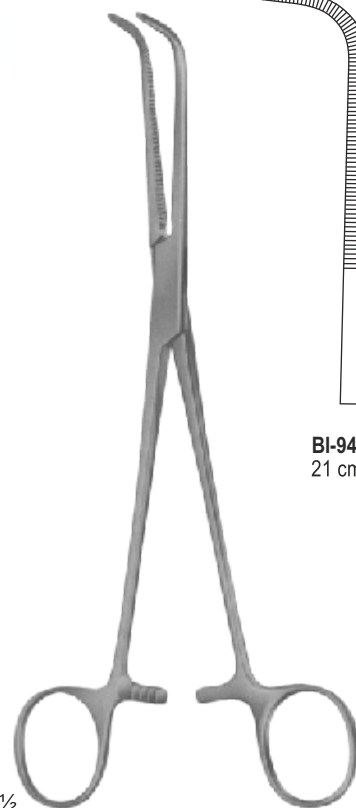
BI-94-278
22.5 cm



BI-94-279
26 cm



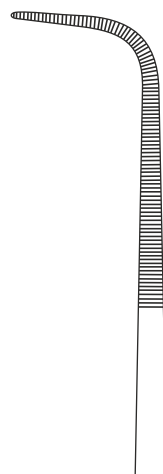
BI-94-280
28 cm



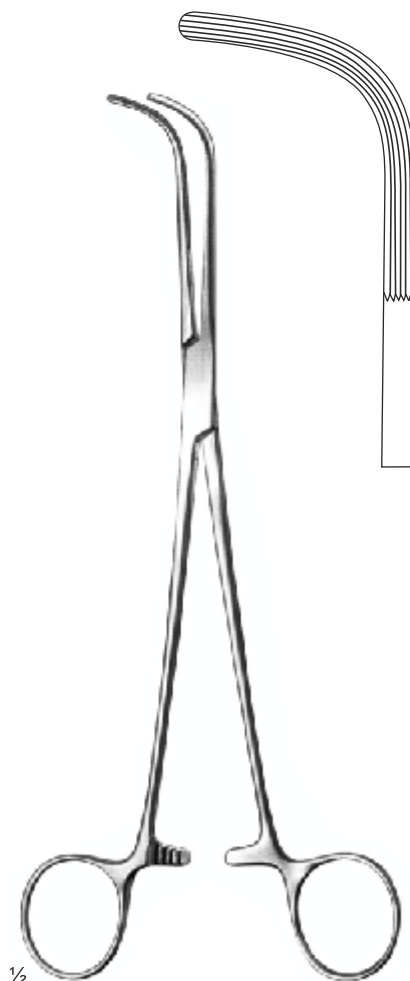
1/2
Wickström
BI-94-281 - BI-94-282
21 cm



BI-94-281
21 cm



BI-94-282
24.5 cm



1/2
Mc Quigg-Mixer
BI-94-283
23.5 cm

Bile Duct Clamps, Dissecting, Ligature Forceps
 Gallengangspanner, Präparat, Ligaturzange
 Bile Duct Clamps, Dissecting, Pinça de ligadura
 Abrazaderas para conductos biliares, disección, pinzas de ligadura



1/2

Lower
BI-95-284
 18.5 cm
 Dissecting &
 ligature forceps



1/2

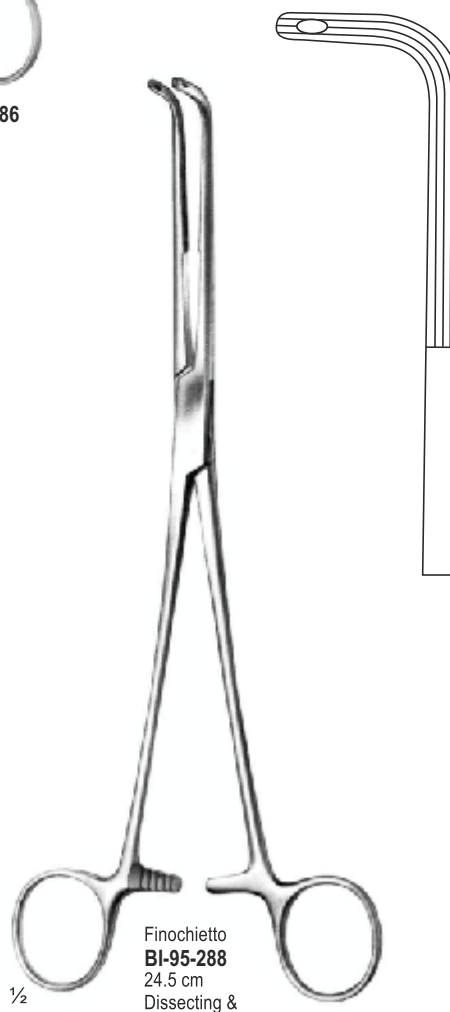
Lahey
BI-95-285 -BI-95-286
 19.5 cm
 Bile duct clamps

BI-95-285 19.5 cm
BI-95-286 22.5 cm



1/2

Desjardins
BI-95-287
 21 cm
 Bile duct clamps



1/2

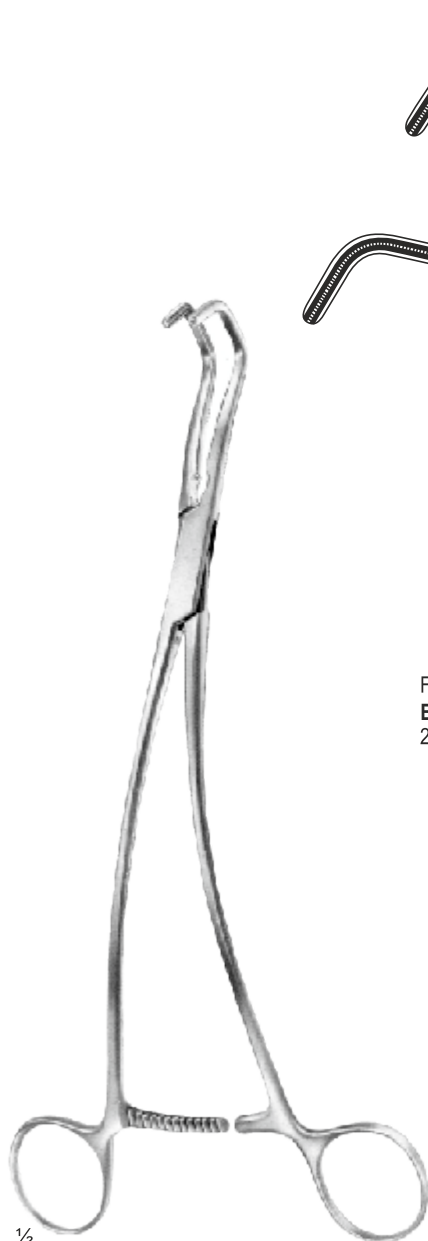
Finochietto
BI-95-288
 24.5 cm
 Dissecting &
 ligature forceps

Tangential Forceps, Kidney Pedicle Clamps

Tangential-Zange, Nieren-Pedikelklemme

Pinça tangencial, braçadeiras de pedículo do rim

Pinzas tangenciales, abrazaderas pediculares del riñón



Uro-Tangential
BI-96-289 - BI-96-290
25 cm
Tangential forceps

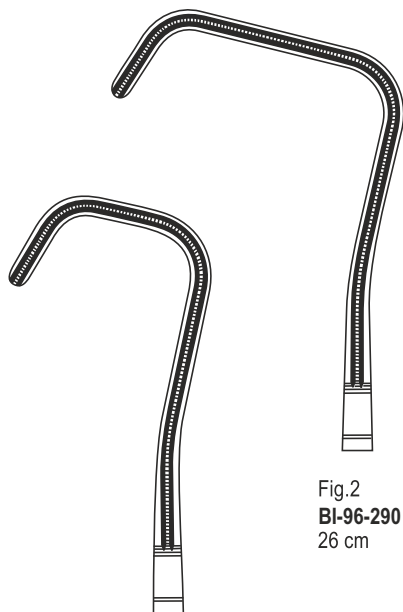
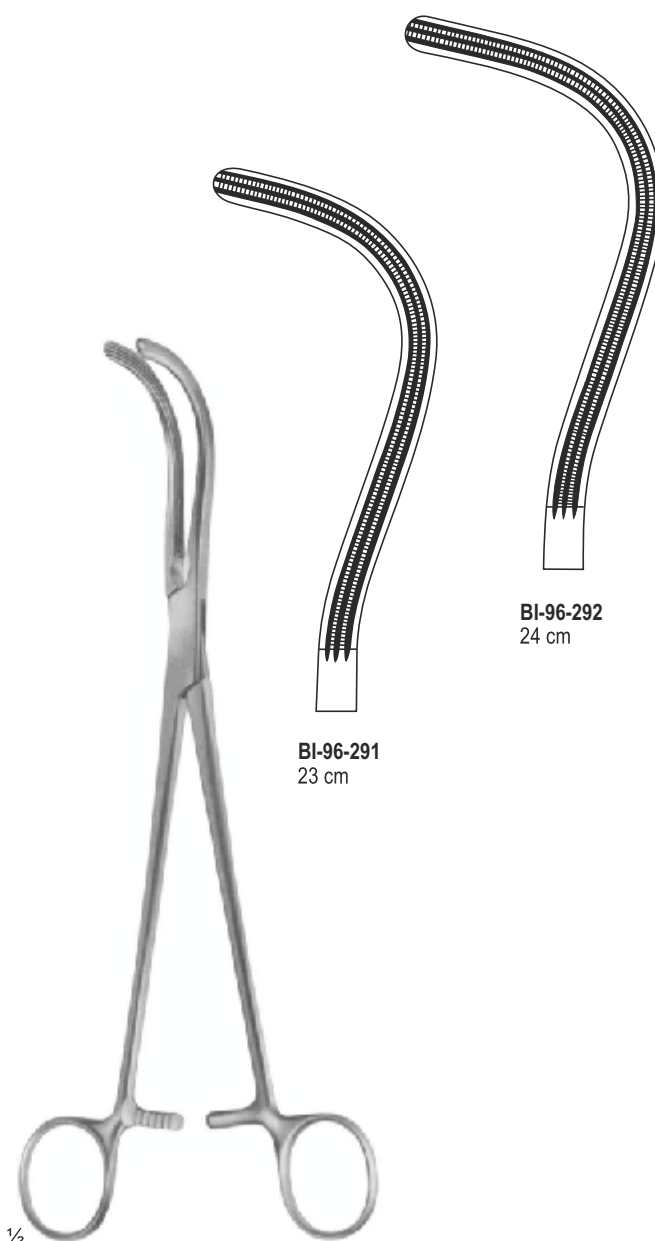


Fig.2
BI-96-290
26 cm

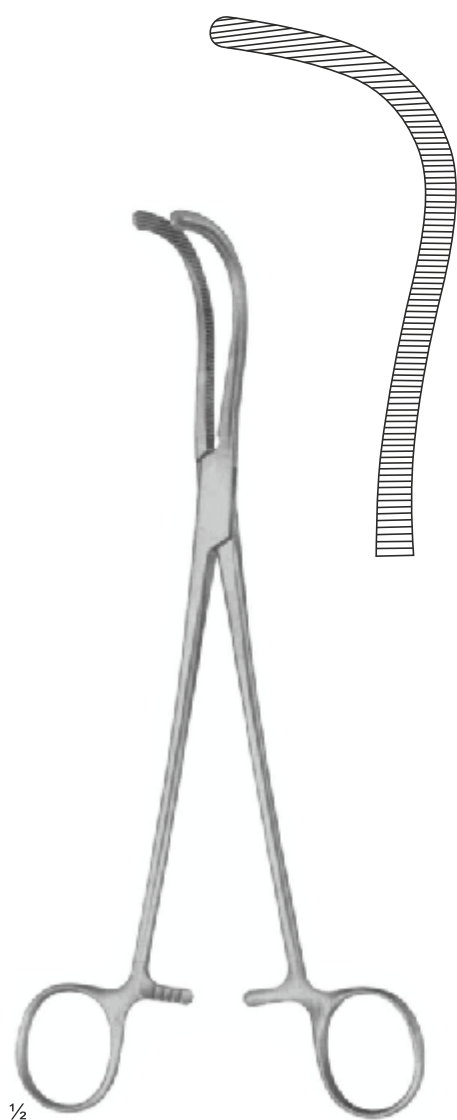
Fig.1
BI-96-289
25 cm



BI-96-292
24 cm

BI-96-291
23 cm

Guyon
BI-96-291 - BI-96-292
23 cm
Kidney pedicle clamps



Guyon
BI-97-293
24 cm



Guyon
BI-97-294 - BI-97-296
24.5 cm



BI-97-294
19.5 cm



BI-97-295
21.5 cm



BI-97-296
24.5 cm



Meeker
BI-98-297
28 cm



Kelly
BI-98-298 - BI-98-306
24 cm



Fig. 1
BI-98-298
19 cm



Fig. 1
BI-98-299
22.5 cm



Fig. 1
BI-98-300
24 cm



Fig. 2
BI-98-301
19 cm



Fig. 2
BI-98-302
22 cm



Fig. 2
BI-98-303
23.5 cm



Fig. 3
BI-98-304
18.5 cm



Fig. 3
BI-98-305
21.5 cm



Fig. 3
BI-98-306
23.5 cm

Haemostatic Forceps, Dissecting, Ligature Forceps, Vaginal Clamp
 Hämostatische Pinzetten, Präparat, Ligaturzange, Vaginalklemme
 Pinça Hemostática, Dissecante, Pinça de Ligadura, Braçadeira Vaginal
 Pinzas hemostáticas, disección, pinzas de ligadura, pinza vaginal



1/2

Wertheim-Cullen
BI-99-307
 21 cm
 Vaginal clamp



1/2

Negus
BI-99-308 - BI-99-309
 20 cm
 Haemostatic forceps



Fig. 1
BI-99-308
 19.5 cm



Fig. 2
BI-99-309
 20 cm



1/2

Lawrence
BI-99-310
 28 cm
 Dissecting & ligature forceps



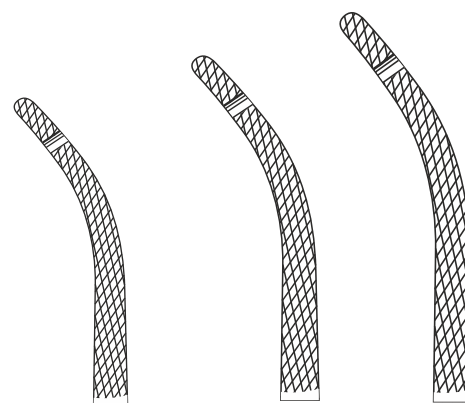


Fig. 1
BI-100-313
19.5 cm

Fig. 1
BI-100-314
21.5 cm

Fig. 1
BI-100-315
24 cm

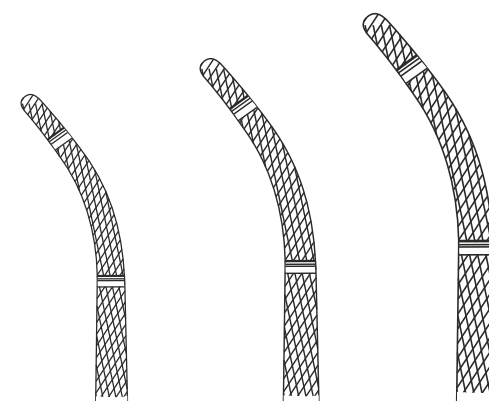
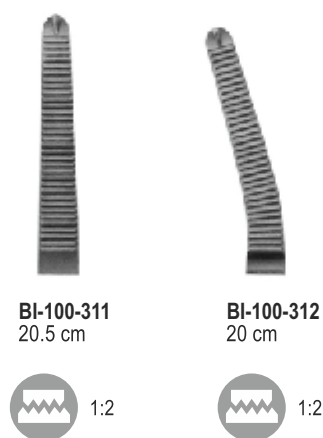


Fig. 2
BI-100-316
19.5 cm

Fig. 2
BI-100-317
21.5 cm

Fig. 2
BI-100-318
24 cm



BI-100-311
20.5 cm

BI-100-312
20 cm



Phaneuf
BI-100-311 - BI-100-312
20.5



Heaney
BI-100-313 - BI-100-318

Hysterectomy Forceps

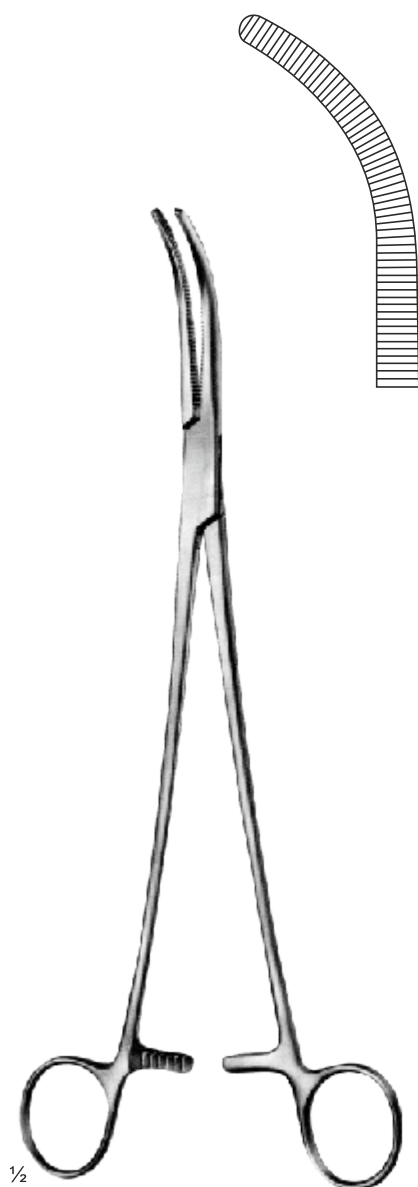
Hysterektomie-Zange
Pinça de histerectomia
Pinzas de histerectomía

 $\frac{1}{2}$

Moynihan
BI-101-319
23 cm

 $\frac{1}{2}$

Moynihan
BI-101-320
23.5 cm



Wertheim
BI-102-321
26 cm



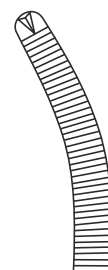
Wertheim
BI-102-322 - BI-102-323
22.5 cm



BI-102-322
Slightly curved



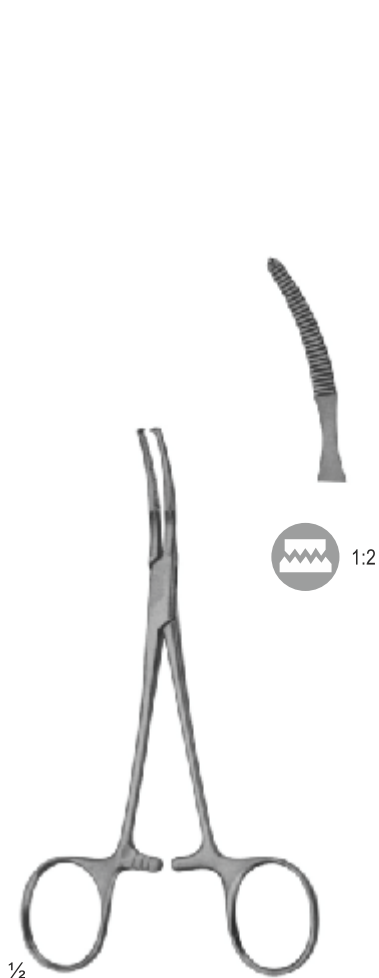
1:2



BI-102-323
Stronger curved



1:2



Mikulicz-Baby
BI-103-324
14.5 cm



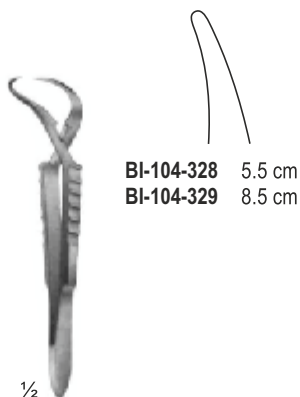
Mikulicz
BI-103-325
18.5 cm



Mikulicz
BI-103-326
20 cm



Schädel
BI-104-327
9 cm
Sharp



Jones
BI-104-328 - BI-104-329
8.5 cm
Sharp

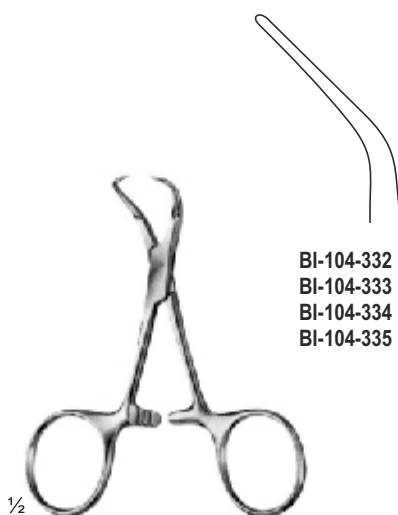


Jones-Martin
BI-104-330
8.5 cm
Sharp

With tube holder



Backhaus
BI-104-331
11 cm
With clip for tubing
up to 15 mm



Backhaus
BI-104-332 - BI-104-335
9 cm
Sharp

BI-104-332 9 cm
BI-104-333 11 cm
BI-104-334 13 cm
BI-104-335 16 cm

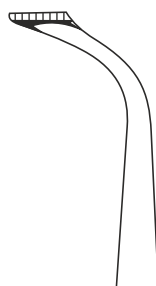


Roeder
BI-104-336
13.5 cm



1/2

Lorna
BI-105-337 - BI-105-338
13 cm
Fine serrated, wide jaw



BI-105-337 10 cm
BI-105-338 13 cm



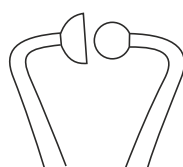
Ball + Socket
BI-105-339 - BI-105-342

BI-105-339 8 cm
BI-105-340 11 cm
BI-105-341 13 cm
BI-105-342 15 cm

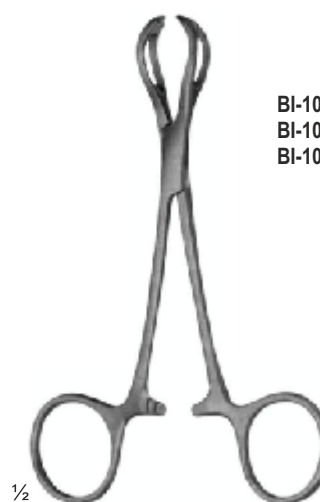


1/2

Peers
BI-105-343 - BI-105-344
14 cm
For paper clothes

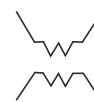


BI-105-343 11.5 cm
BI-105-344 14 cm



1/2

Lane
BI-105-345 - BI-105-347
13 cm
Towel clamp, organ and
tissue grasping forceps



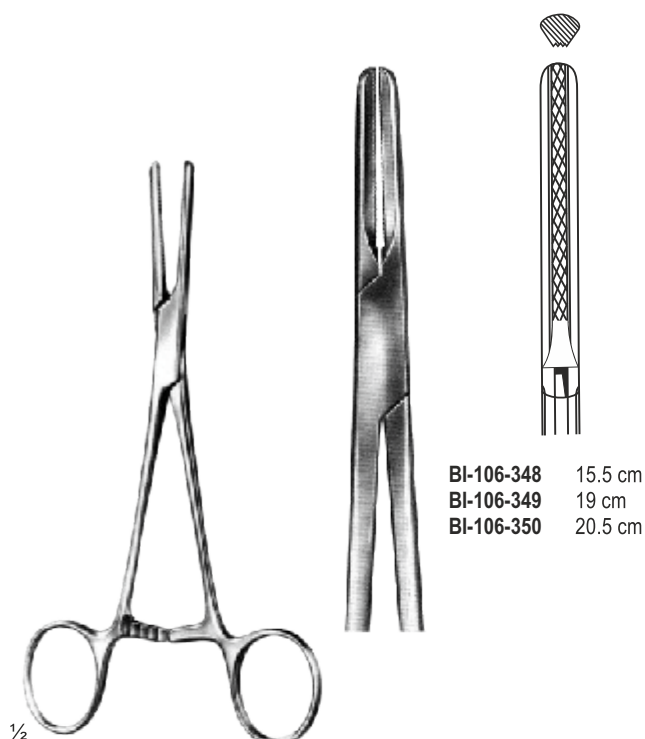
BI-105-345 13 cm
BI-105-346 15.5 cm
BI-105-347 19.5 cm

Tubing Clamps Roller Forceps

Schlauchschellen Roller Pinzetten

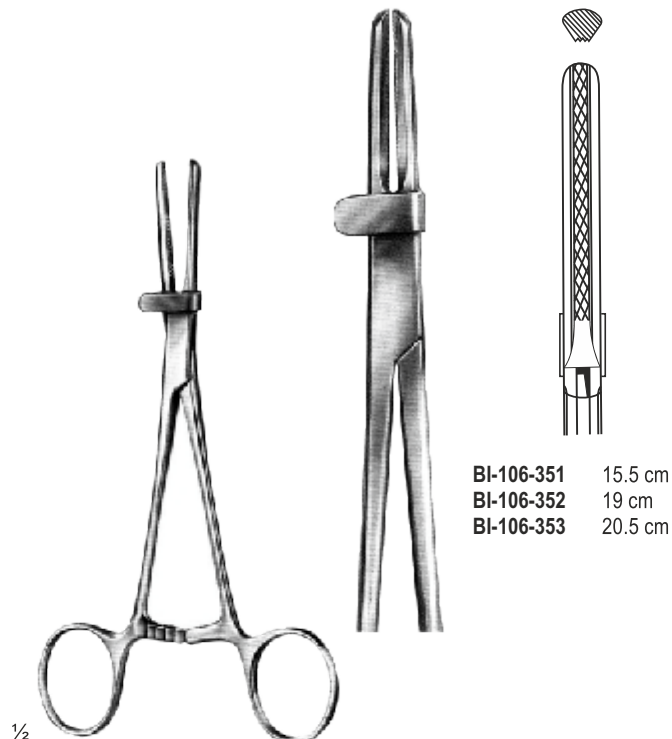
Braçadeiras de Tubulação Pinças de Rolo

Abrazaderas de tubo pinzas de rodillo



BI-106-348 15.5 cm
BI-106-349 19 cm
BI-106-350 20.5 cm

BI-106-348 - BI-106-350
15.5 cm

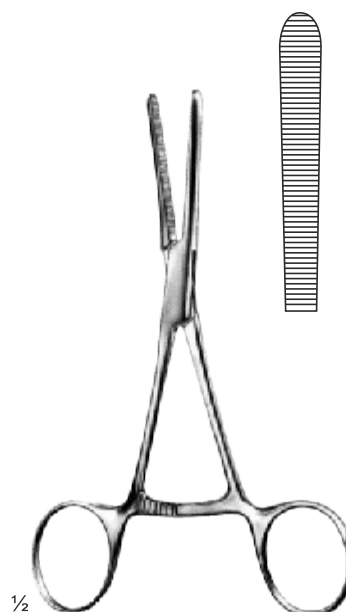


BI-106-351 15.5 cm
BI-106-352 19 cm
BI-106-353 20.5 cm

BI-106-351 - BI-106-353
15.5 cm
With safety guard



BI-106-354
16.5 cm
Smooth jaw



BI-106-355
14 cm
Extra long ratchet



Gunnar-Hey
BI-106-356
18 cm
Roller forceps



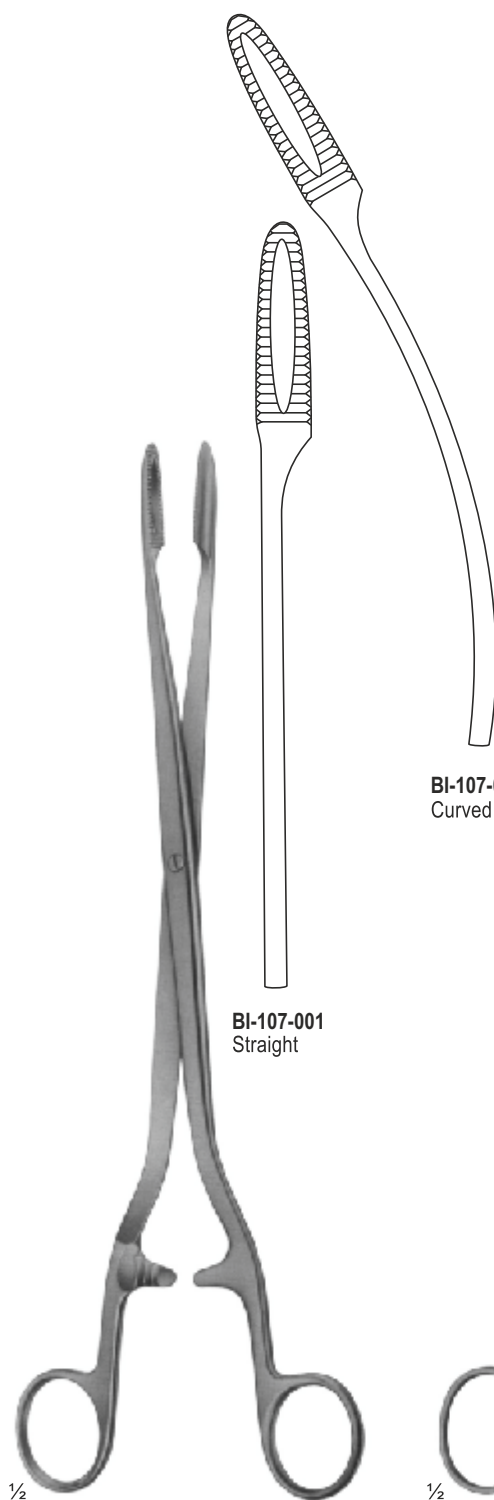
Cotton Swab Forceps

Wattestäbchen

Pinça de cotonete de algodão

Fórceps de algodón

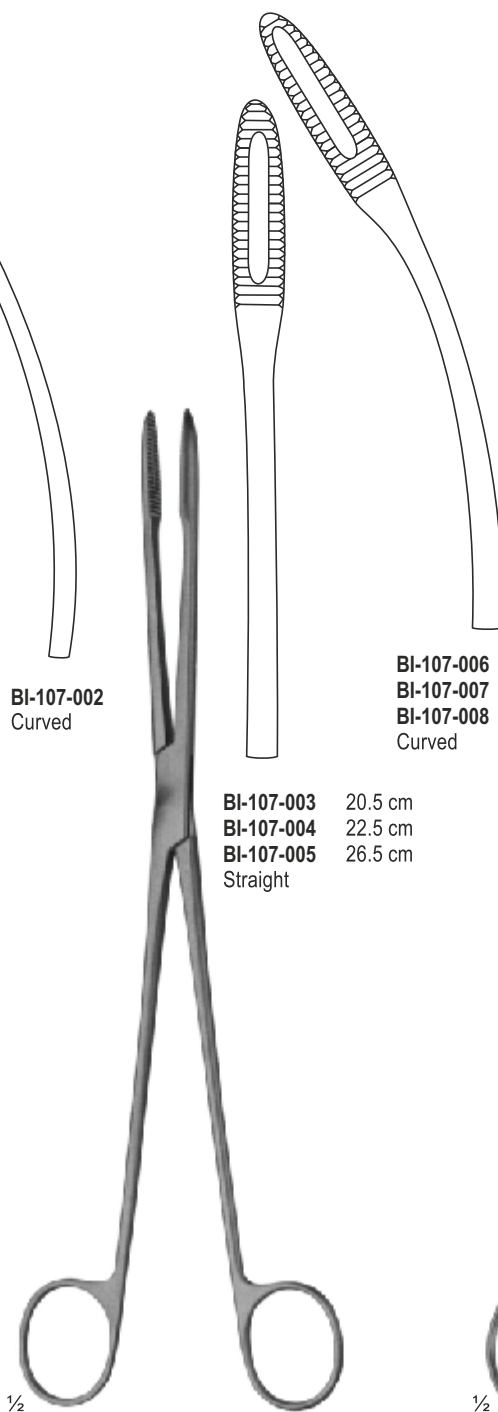
Page 107-113



BI-107-001
Straight

BI-107-002
Curved

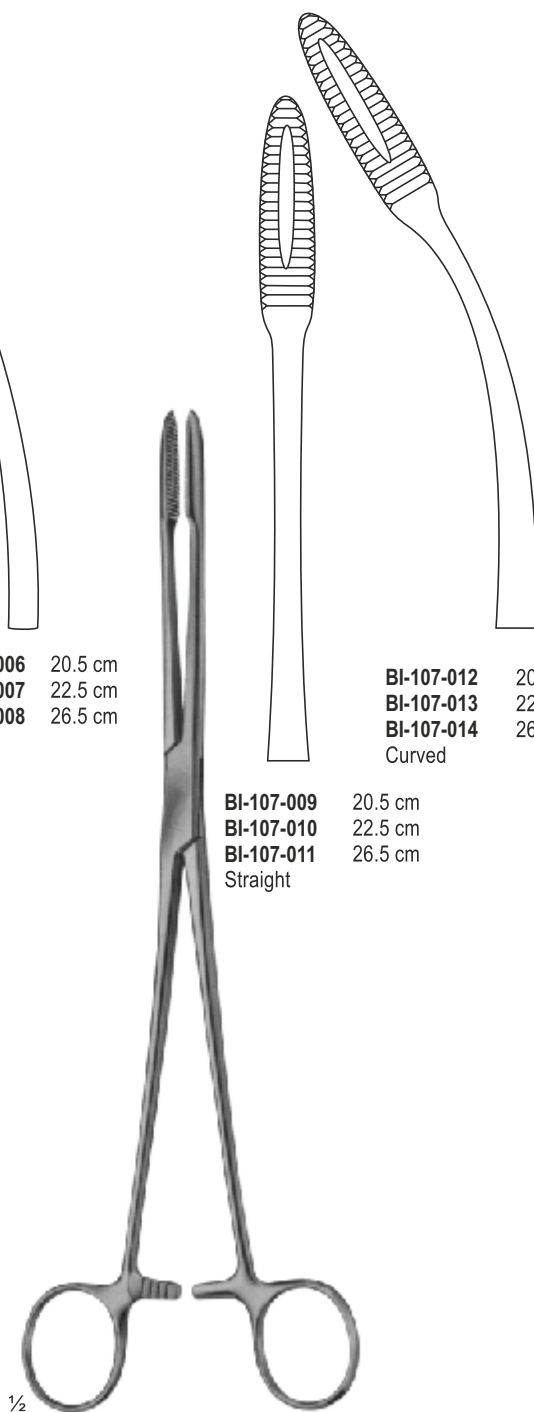
Sims-Maier
BI-107-001 - BI-107-002
28 cm



BI-107-003 20.5 cm
BI-107-004 22.5 cm
BI-107-005 26.5 cm
Straight

BI-107-006 20.5 cm
BI-107-007 22.5 cm
BI-107-008 26.5 cm
Curved

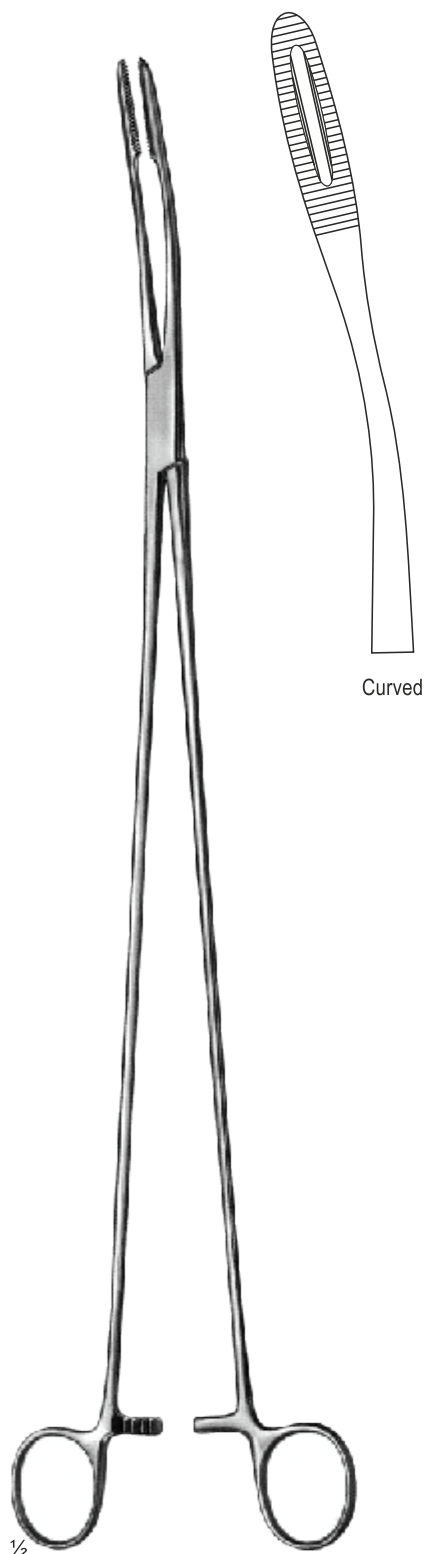
Gross-Maier
BI-107-003 - BI-107-008
Without ratchet
26.5 cm



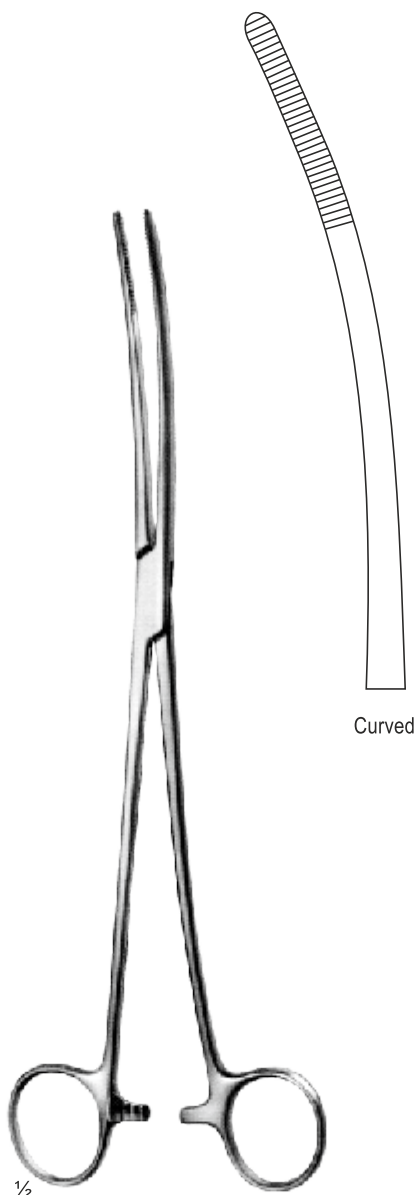
BI-107-009 20.5 cm
BI-107-010 22.5 cm
BI-107-011 26.5 cm
Straight

BI-107-012 20.5 cm
BI-107-013 22.5 cm
BI-107-014 26.5 cm
Curved

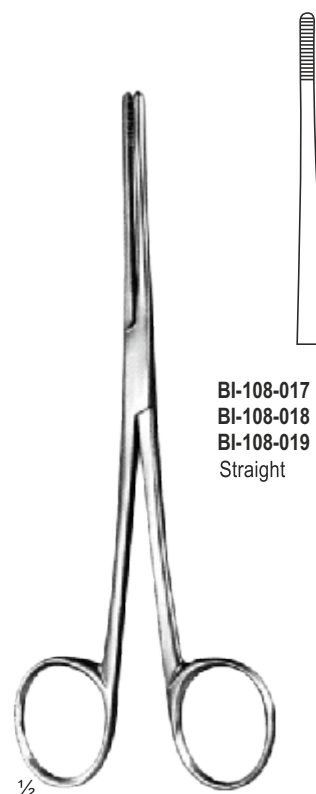
Gross-Maier
BI-107-009 - BI-107-014
With ratchet
26.5 cm



Tunneling Forceps
BI-108-015
39.5 cm



Bozemann
BI-108-016
26 cm
S-shape



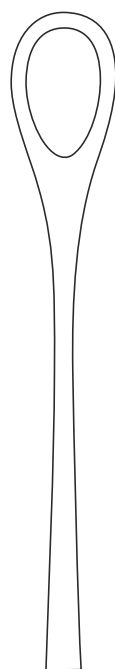
BI-108-017 13 cm
BI-108-018 16 cm
BI-108-019 18.5 cm
Straight

Lister
BI-108-017 - BI-108-019
18.5 cm
Sinus forceps

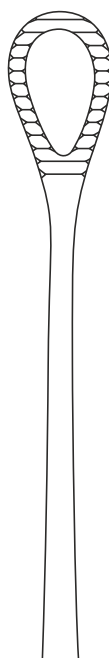
Spong Forceps
Schwammzange
Pinça Esponja
Fórceps de esponja



Foerster-Ballenger
CF-133-027 - BI-109-027
25 cm



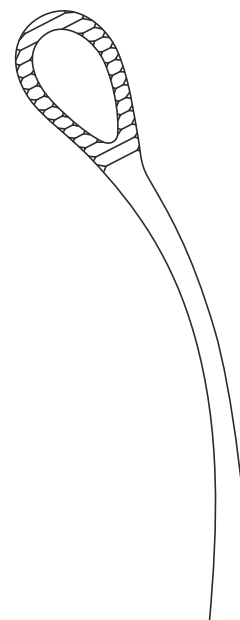
Smooth jaws
BI-109-020
25 cm
Straight



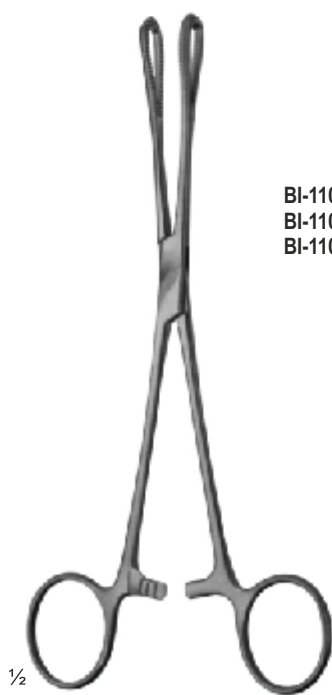
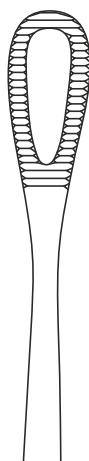
Serrated jaws
BI-109-021 18 cm
BI-109-022 20.5 cm
BI-109-023 25 cm
Straight



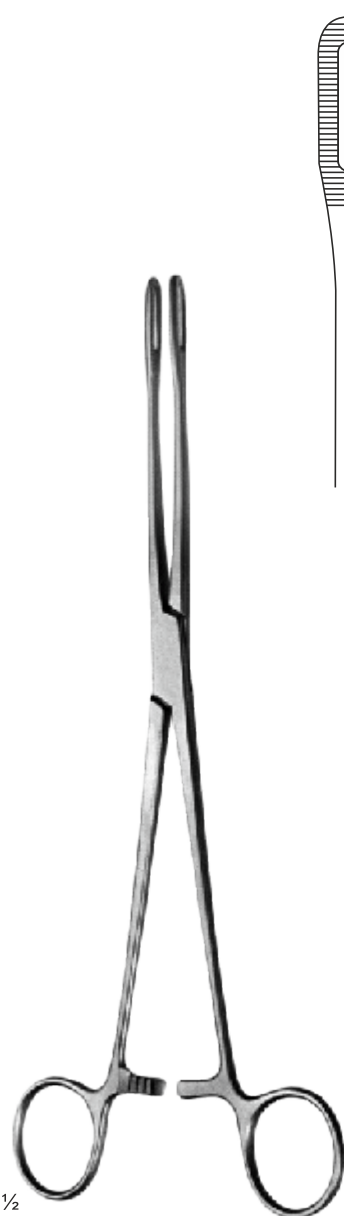
Smooth jaws
BI-109-024
25 cm
Curved



Serrated jaws
BI-109-025 18 cm
BI-109-026 20.5 cm
BI-109-027 25 cm
Curved

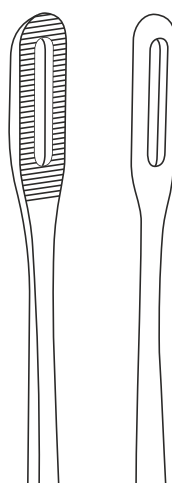
Rampley
BI-110-028 - BI-110-030BI-110-028 18 cm
BI-110-029 20 cm
BI-110-030 25 cmBergmann
BI-110-031
24 cm

Spong Forceps
Schwammzange
Pinça Esponja
Fórceps de esponja

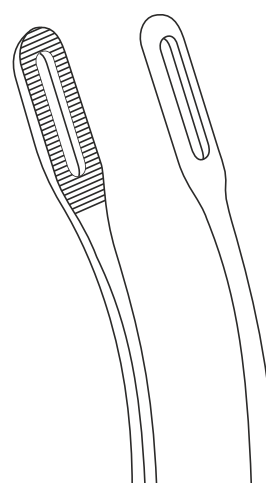


1/2

Förster
BI-111-032 - BI-111-033



BI-111-032
25 cm
Straight



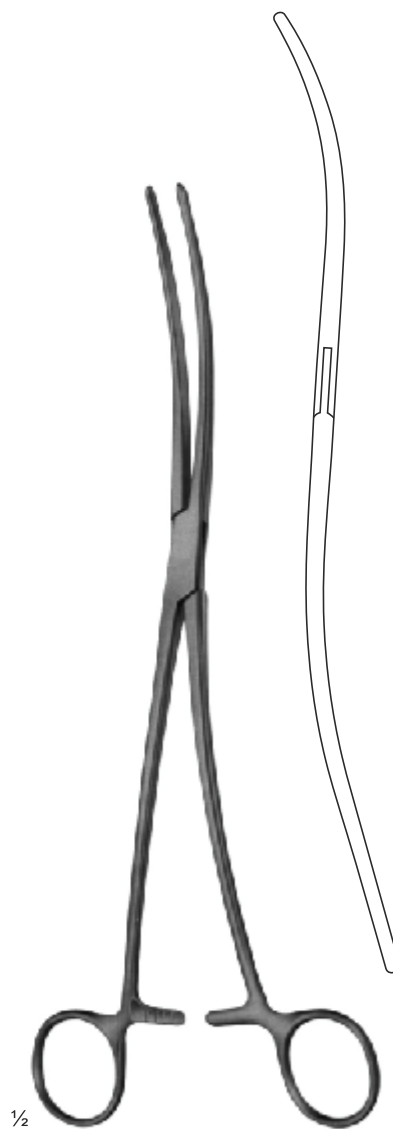
BI-111-033
25 cm
Curved



Pelkmann
BI-112-034
26 cm



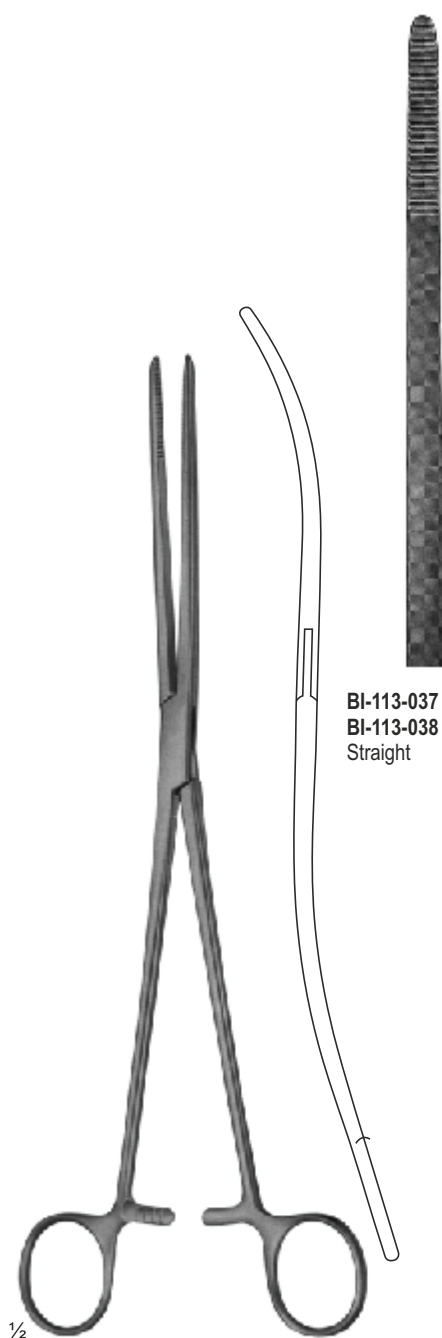
Pelkmann
BI-112-035
26 cm



Bozemann
BI-112-036
25 cm

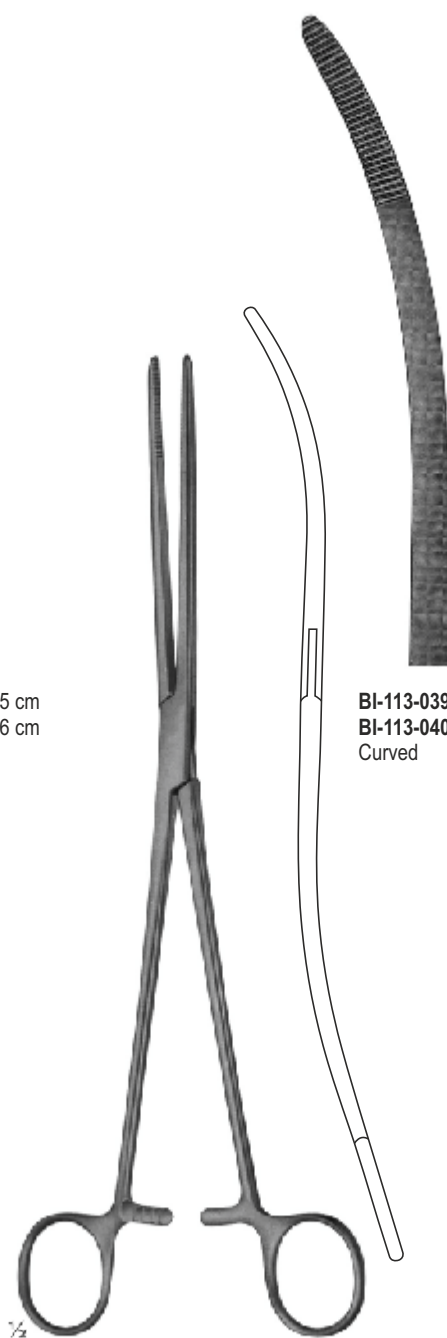
Uterine Dressing Forceps

Gebärmutterspangen
Pinça de Curativo Uterino
Fórceps de vendaje uterino



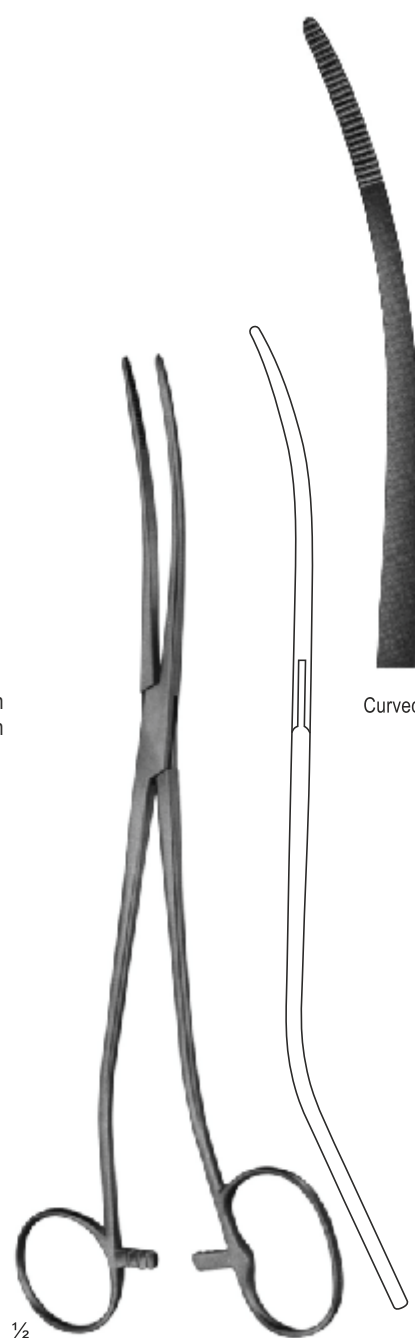
BI-113-037 25 cm
BI-113-038 26 cm
Straight

Bozemann
BI-113-037 - BI-113-038
26 cm



BI-113-039 25 cm
BI-113-040 26 cm
Curved

Bozemann
BI-113-039 - BI-113-040
26 cm



Curved

Bozemann-Douglas
BI-113-041
26 cm



Retractors

Wundhaken

Retratores

Retratores

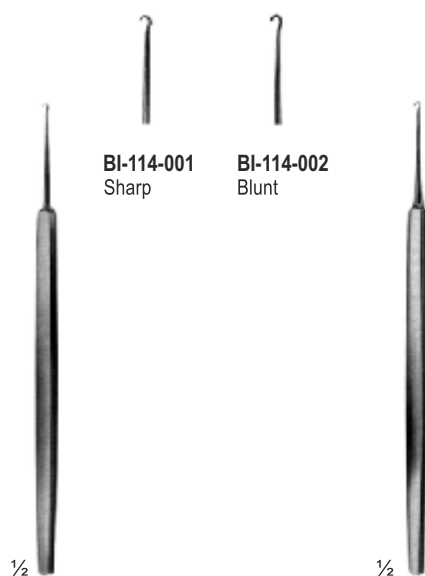
Page 114-168

Fine Wound Retractors (Dura Hook, Skin Hooks)

Fein Wundhaken (Dura Hook, Skin Hooks)

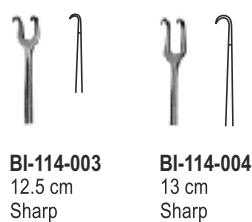
Retradores de Ferida Fina (gancho Dura, ganchos de pele)

Retradores de heridas finas (gancho Dura, ganchos de piel)



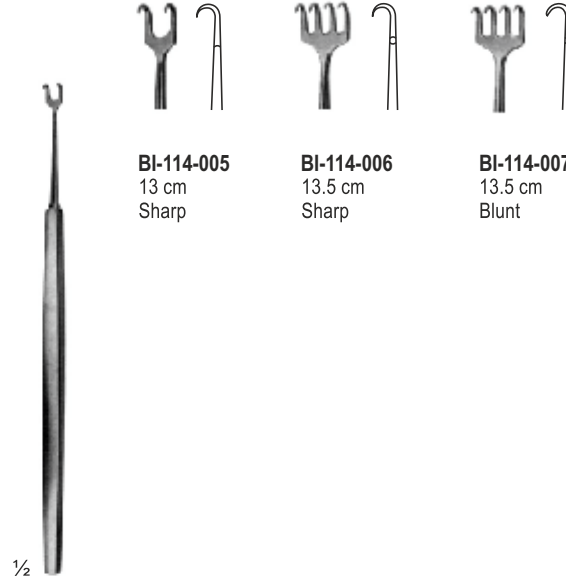
BI-114-001
Sharp

BI-114-002
Blunt



BI-114-003
12.5 cm
Sharp

BI-114-004
13 cm
Sharp



BI-114-005
13 cm
Sharp

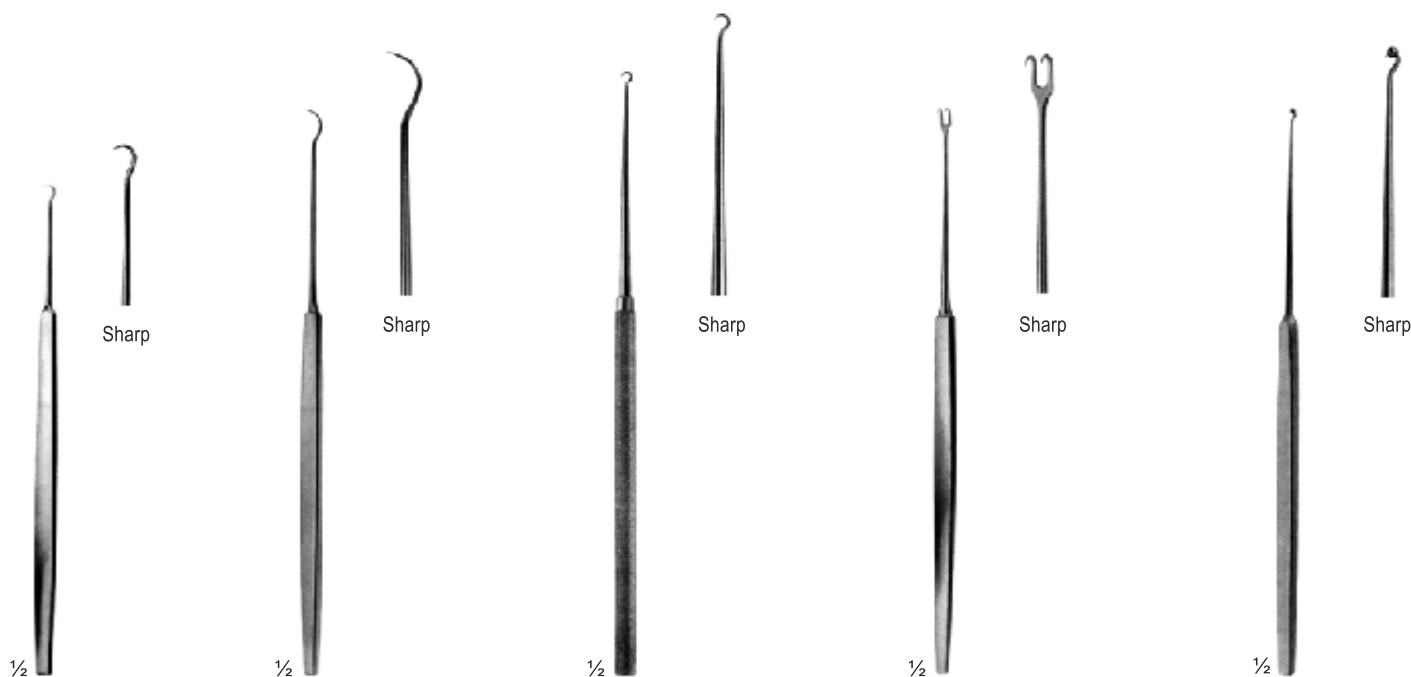
BI-114-006
13.5 cm
Sharp

BI-114-007
13.5 cm
Blunt

Graefe
BI-114-001 - BI-114-002
12.5 cm
Micro hooklet

Guthrie
BI-114-003 - BI-114-004
12.5 cm
Skin hook

Rollet
BI-114-005 - BI-114-007



Frazier
BI-114-008
13 cm
Dura hook

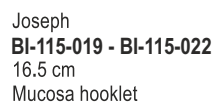
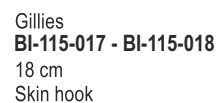
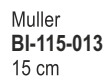
Tönnis
BI-114-009
15 cm
Dura hook

Kilner
BI-114-010
16 cm
Skin hooklet

Freer
BI-114-011
15 cm
Mucosa hooklet

Muller
BI-114-012
15 cm

Retradores de Ferida Fina (gancho Dura, ganchos de pele)
Retradores de heridas finas (gancho Dura, ganchos de piel)

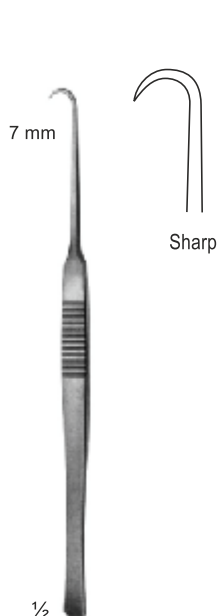


Wound - Trachea Retractors

Wunde - Trachea Retraktoren

Ferida - Retratores da Traquéia

Herida - Retratores de traquéia



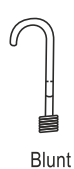
Bergmann
BI-116-025
14 cm



BI-116-026 - BI-116-028
18 cm



BI-116-029 - BI-116-031
15.5 cm
Flexible shaft



BI-116-032 - BI-116-034
15.5 cm
Flexible shaft



Wound - Trachea Retractors

Wunde - Trachea Retraktoren

Ferida - Retratores da Traquéia

Herida - Retratores de tráquea



Sharp

BI-117-035

BI-117-036

BI-117-037

BI-117-038

BI-117-039

BI-117-040

BI-117-041

BI-117-042

BI-117-035 - BI-117-042
16.5 cm
Large curve



Blunt

BI-117-043

BI-117-044

BI-117-045

BI-117-046

BI-117-047

BI-117-048

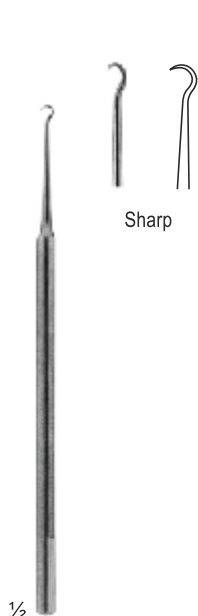
BI-117-049

BI-117-050

BI-117-043 - BI-117-050
16.5 cm
Large curve

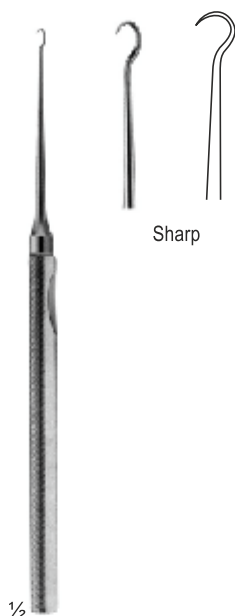
Retractors Fistula Hooks

Retraktoren Fistelhaken
Ganchos de fístula retratores
Retractors Fistula Hooks



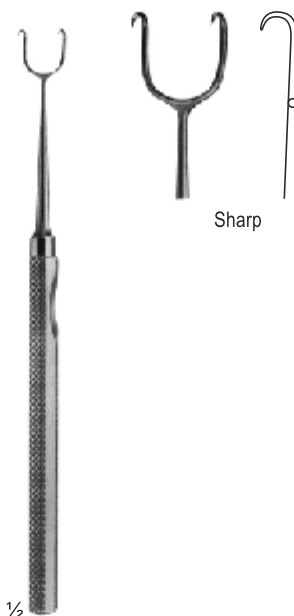
Sharp

Mannerfelt Modif.
BI-118-051
13.5 cm



Sharp

Mannerfelt Modif.
BI-118-052
15.5 cm



Sharp

Mannerfelt Modif.
BI-118-053
15.5 cm



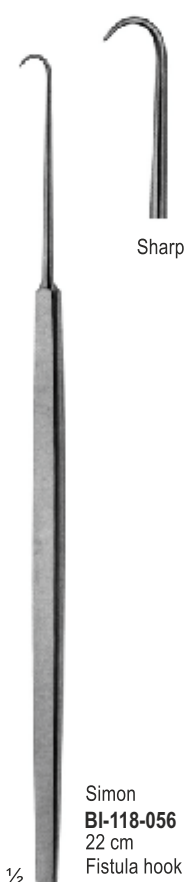
Blunt

Fomon
BI-118-054
14.5 cm
Alar hooklet



Sharp

Emmet
BI-118-055
22 cm
Fistula hook



Sharp

Simon
BI-118-056
22 cm
Fistula hook



Sharp

Simon
BI-118-057
22 cm
Fistula hook



1/2

Lange
BI-118-058
23 cm
Fistula hook



BI-119-059

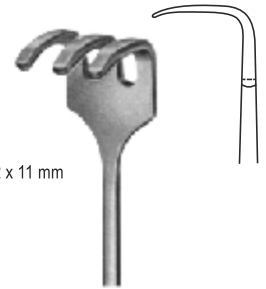


BI-119-060



12 x 6 mm

BI-119-061

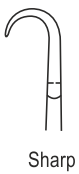


12 x 11 mm

BI-119-062

BI-119-059 - BI-119-060
16 cm
Sharp

Tendon Hook
BI-119-061 - BI-119-062
17.5 cm
Blunt



Sharp

BI-119-063



BI-119-064



Blunt

BI-119-065



BI-119-066

1/2

Mannerfelt Modif.
BI-119-063 - BI-119-064
15.5 cm
Small curve



BI-119-067

1/2

Mannerfelt Modif.
BI-119-065 - BI-119-067
15.5 cm
Large curve



Ragnell-Davis
BI-120-068
15 cm



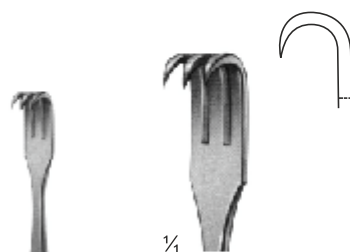
Senn-Green
BI-120-069 - BI-120-070
16 cm



Fig. 1
BI-120-069
20 X 6 mm



Fig. 2
BI-120-070
10 X 6 mm



BI-120-071
Sharp prongs



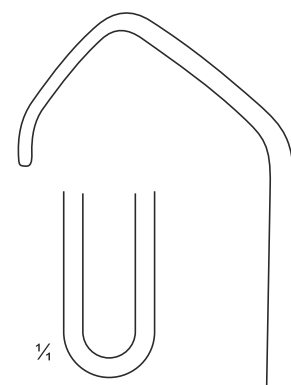
BI-120-072
Blunt prongs



Senn-Miller
BI-120-071 - BI-120-072
16 cm



Cushing
BI-120-073
20.5 cm




 $\frac{1}{4}$

BI-121-074
12 x 12 mm



BI-121-075
12 x 14 mm



BI-121-076
12 x 16 mm


 $\frac{1}{4}$

BI-121-077
12 mm



BI-121-078
14 mm



BI-121-079
16 mm



BI-121-080
18 mm

 $\frac{1}{2}$

BI-121-077 - BI-121-080
16 cm

Mannerfelt Modif.
BI-121-074 - BI-121-076
15.5 cm
Saddle hooks


 $\frac{1}{2}$

BI-121-081
16 cm


 $\frac{1}{4}$

10 x 13 mm


 $\frac{1}{2}$

Konig
BI-121-082 - BI-121-083
18 cm


 $\frac{1}{4}$

BI-121-082
13 x 13 mm


 $\frac{1}{4}$

BI-121-083
12 x 16 mm


 $\frac{1}{2}$

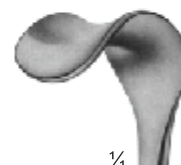
Cushing-Kocher
BI-121-084
17.5 cm


 $\frac{1}{4}$

10 x 10 mm


 $\frac{1}{2}$

Kocher
BI-121-087 - BI-121-086
20.5cm


 $\frac{1}{4}$

BI-121-085
20 x 12 mm



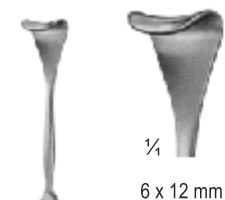
BI-121-086
20 x 14 mm

Retractors, Saddle Hooks

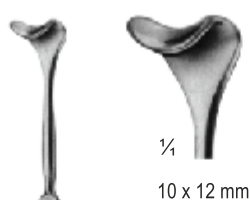
Retraktoren, Sattelhaken

Retradores, ganchos de sela

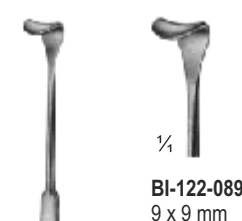
Retractores, ganchos de la silla de montar



1/2
Masing
BI-122-087
14 cm



1/2
Cottle
BI-122-088
14 cm
Saddle



1/2
Desmarres
BI-122-089 - BI-122-093
14 cm
Saddle hook



BI-122-090
9 x 12 mm



BI-122-091
9 x 14 mm



BI-122-092
12 x 16 mm



BI-122-093
13 x 18 mm



1/2
Cushing
BI-122-094 - BI-122-095
20.5 cm
Saddle hook



1/4
BI-122-094
10 x 13 mm

BI-122-095
14 x 18 mm



1/2
BI-122-096
20.5 cm



1/2
Cushing
BI-122-097 - BI-122-099
25 cm
Saddle hook



1/4
BI-122-097
11 x 14 mm



BI-122-098
13 x 18 mm



BI-122-099
15 x 22 mm

Saddle Hooks
Sattelhaken
Ganchos de sela
Ganchos de silla de montar


 $\frac{1}{4}$

BI-123-100
8 mm



BI-123-101
10 mm


 $\frac{1}{4}$

BI-123-106
8 mm



BI-123-107
10 mm



BI-123-102
12 mm



BI-123-103
14 mm



BI-123-108
12 mm



BI-123-109
14 mm



BI-123-104
16 mm



BI-123-105
18 mm



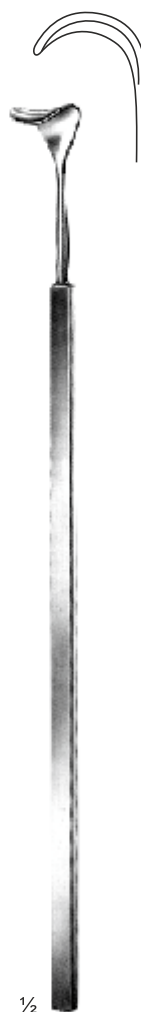
BI-123-110
16 mm



BI-123-111
18 mm


 $\frac{1}{2}$

Cushing
BI-123-100 - BI-123-105
10.5 cm


 $\frac{1}{2}$

Cushing
BI-123-106 - BI-123-111
24 cm

Saddle Hooks, Vein Hooks
Sattelhaken, Venen Haken
Ganchos de sela, ganchos de veia
Ganchos de la silla de montar, ganchos de la vena



1/2

Gil-Vernet
BI-124-112 - BI-124-119
24 cm
Saddle hook
malleable shaft



BI-124-112
4 mm



BI-124-113
6 mm



BI-124-114
8 mm



BI-124-115
11 mm



BI-124-116
15 mm



BI-124-117
17 mm



BI-124-118
20 mm



BI-124-119
23 mm



1/2

Brom
BI-124-120 - BI-124-121
19 cm
Vein hook



BI-124-120
Narrow



BI-124-121
Wide



1/2

Strandell-Stille
BI-124-122 - BI-124-123
19 cm
Hooklet



Fig. 1
BI-124-122
Smooth blade end

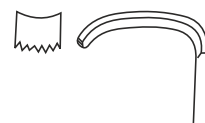


Fig. 2
BI-124-123
Toothed blade end



1/2

Klapp
BI-125-124 - BI-125-126
18 cm
blunt



1/4

BI-125-124
13 x 6 mm



BI-125-125
12 x 11 mm

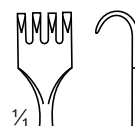


BI-125-126
15 x 12 mm



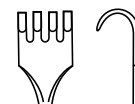
1/2

BI-125-127 - BI-125-128
16.5 cm



1/4

BI-125-127
sharp

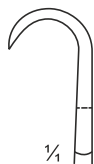


BI-125-128
blunt



1/2

Volkman
BI-125-129 - BI-125-138
21.5 cm



1/4

BI-125-129
Sharp



BI-125-130
9 x 8 mm



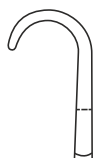
BI-125-131
9 x 13 mm



BI-125-132
9 x 19 mm



BI-125-133
9 x 29 mm



BI-125-134
Blunt



BI-125-135
8.5 x 8 mm



BI-125-136
8.5 x 13 mm



BI-125-137
8.5 x 19 mm



BI-125-138
8.5 x 29 mm



Kocher
BI-126-139
20.5 cm
Sharp



Kocher
BI-126-140
22 cm
Sharp



Volkman
BI-126-141
22 cm
Sharp



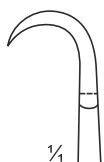
Volkman
BI-126-142
22 cm
Blunt



BI-126-143
21.5 cm
Sharp



Volkmann
BI-127-144 - BI-127-157
22 cm



Sharp



BI-127-144



BI-127-145



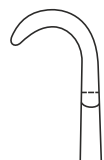
BI-127-146



BI-127-147



BI-127-148



Blunt



BI-127-149



BI-127-150



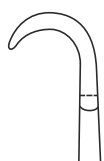
BI-127-151



BI-127-152



BI-127-153



Semi-Sharp



BI-127-154



BI-127-155



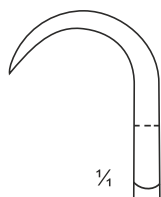
BI-127-156



BI-127-157



Kocher
BI-127-158 - BI-127-171
22 cm



Sharp



BI-127-158



BI-127-159



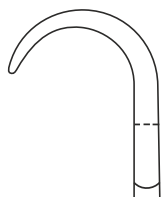
BI-127-160



BI-127-161



BI-127-162



Blunt



BI-127-163



BI-127-164



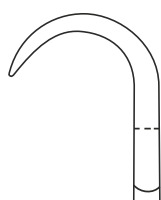
BI-127-165



BI-127-166



BI-127-167



Semi-Sharp



BI-127-168



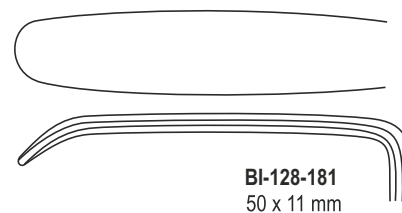
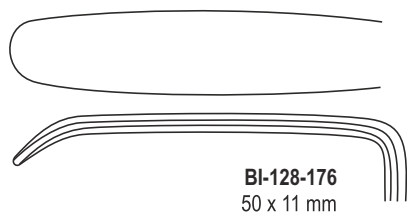
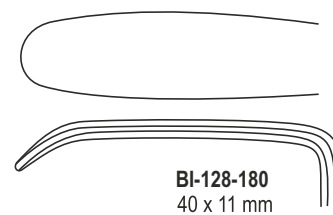
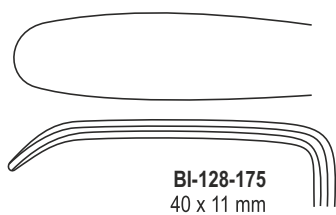
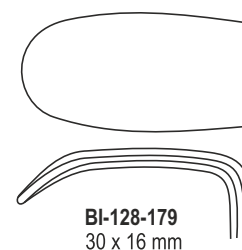
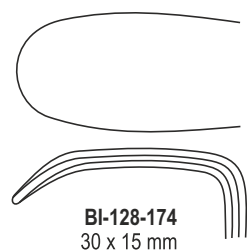
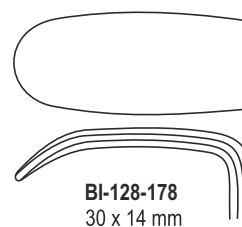
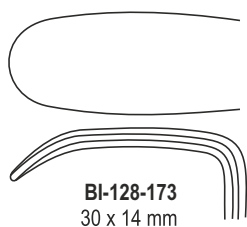
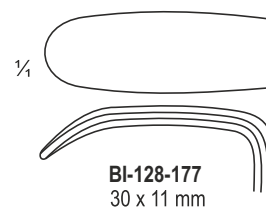
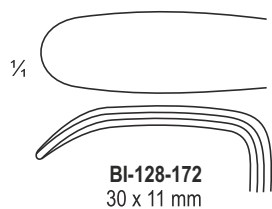
BI-127-169



BI-127-170



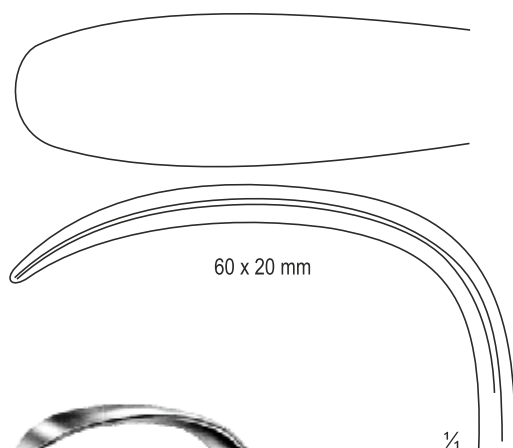
BI-127-171



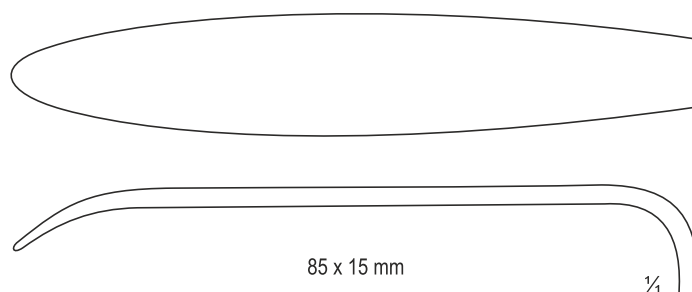
Langenbeck
BI-128-172 - BI-128-176
22 cm



Langenbeck
BI-128-177 - BI-128-181
22 cm



Langenbeck
BI-129-182
21 cm



Langenbeck
BI-129-183
22.5 cm



Lahey
BI-130-184
19.5 cm

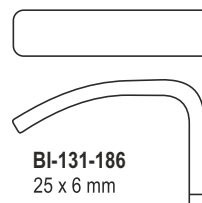


Little
BI-130-185
20.5 cm

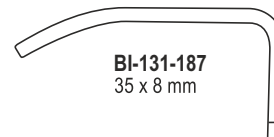


Kocher-Langenbeck
BI-131-186 - BI-131-194
21.5 cm

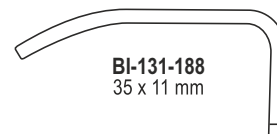
1/4



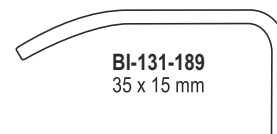
BI-131-186
25 x 6 mm



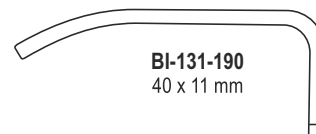
BI-131-187
35 x 8 mm



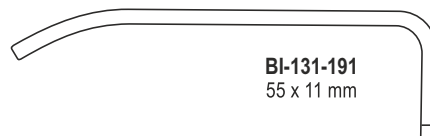
BI-131-188
35 x 11 mm



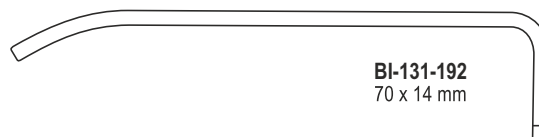
BI-131-189
35 x 15 mm



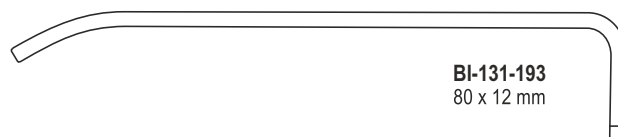
BI-131-190
40 x 11 mm



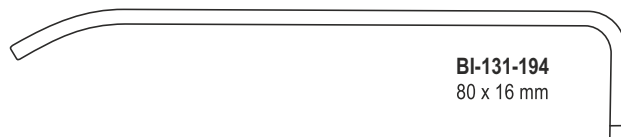
BI-131-191
55 x 11 mm



BI-131-192
70 x 14 mm



BI-131-193
80 x 12 mm



BI-131-194
80 x 16 mm



Kocher-Langenbeck
BI-132-195 - BI-132-202
21.5 cm



BI-132-195
25 x 10 mm



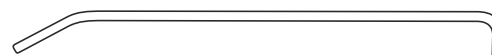
BI-132-196
40 x 13 mm



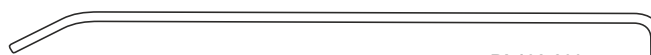
BI-132-197
60 x 13 mm



BI-132-198
40 x 18 mm



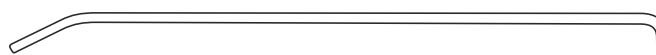
BI-132-199
60 x 18 mm



BI-132-200
85 x 18 mm



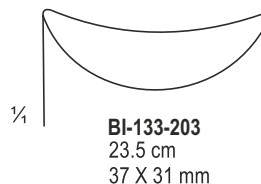
BI-132-201
60 x 25 mm



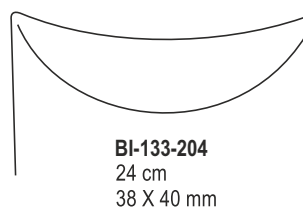
BI-132-202
85 x 25 mm



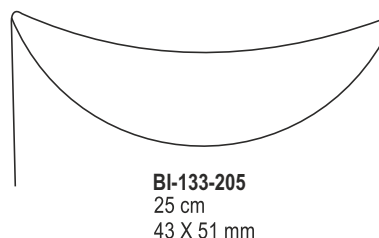
Fritsch
BI-133-203 - BI-133-208
25.5 cm



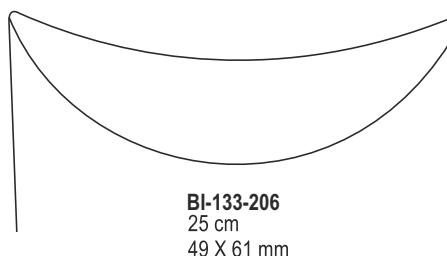
BI-133-203
23.5 cm
37 X 31 mm



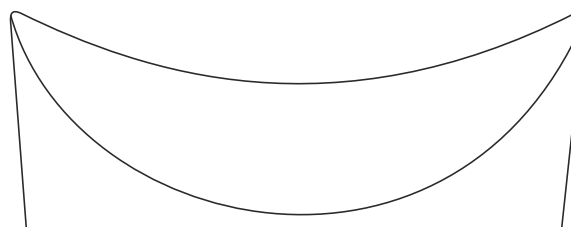
BI-133-204
24 cm
38 X 40 mm



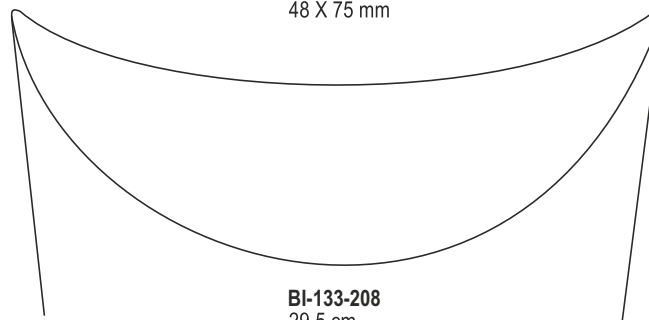
BI-133-205
25 cm
43 X 51 mm



BI-133-206
25 cm
49 X 61 mm



BI-133-207
25.5 cm
48 X 75 mm

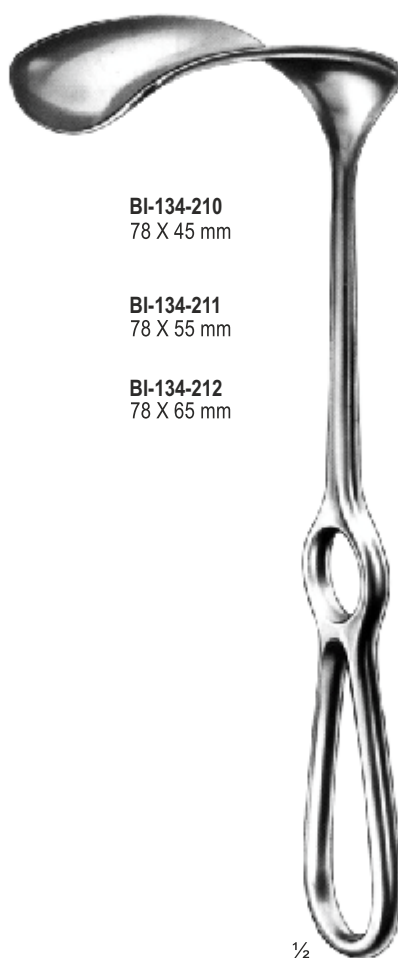


BI-133-208
29.5 cm
65 X 85 mm



1/2

Kocher
BI-134-209
23.5 cm
70 X 25 mm



1/2

BI-134-210
78 X 45 mm

BI-134-211
78 X 55 mm

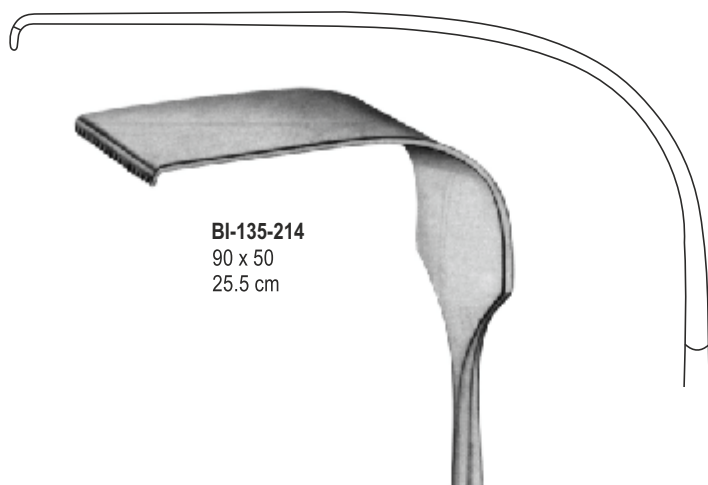
BI-134-212
78 X 65 mm

Kocher
BI-134-210 - BI-134-212
25 cm

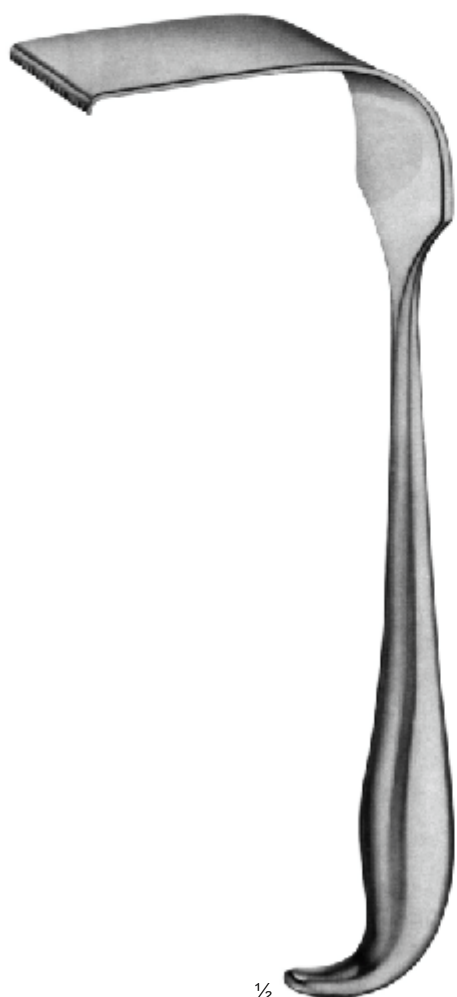


1/2

Doyen
BI-134-213
24 cm
45 X 88 mm



BI-135-214
90 x 50
25.5 cm



1/2

Meyerdung
BI-135-214 - BI-135-216
26 cm



BI-135-215
75 x 25
23 cm

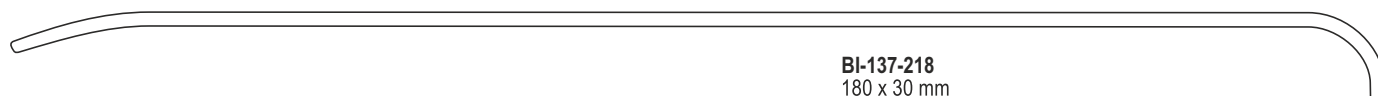


BI-135-216
52 x 16
21 cm

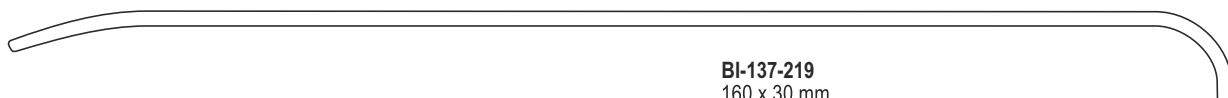
1/4



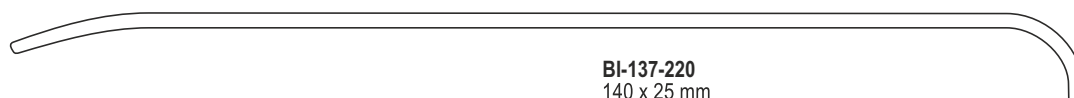
Sauerbruch
BI-136-217
25.5 cm



BI-137-218
180 x 30 mm



BI-137-219
160 x 30 mm

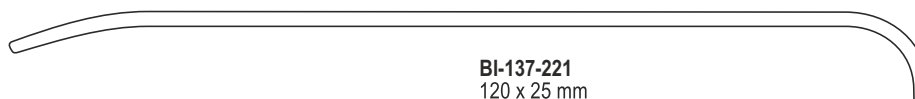


BI-137-220
140 x 25 mm

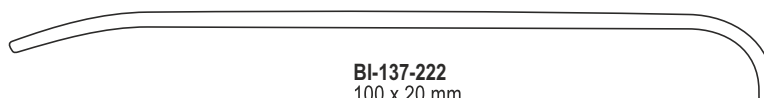


1/2

Brunner
BI-137-218 - BI-137-223
25.5 cm



BI-137-221
120 x 25 mm



BI-137-222
100 x 20 mm



BI-137-223
80 x 20 mm

1/4



Deaver
BI-138-224
18 cm
19 mm

Deaver
BI-138-225
21.5 cm
22 mm

Deaver
BI-138-226
21.5 cm
25 mm

Deaver
BI-138-227
30.5 cm
25 mm

Deaver
BI-138-228
33.5 cm
25 mm



Atrium Retractors

Atrium Retraktoren
Retratores de Átrio
Retradores de atrio



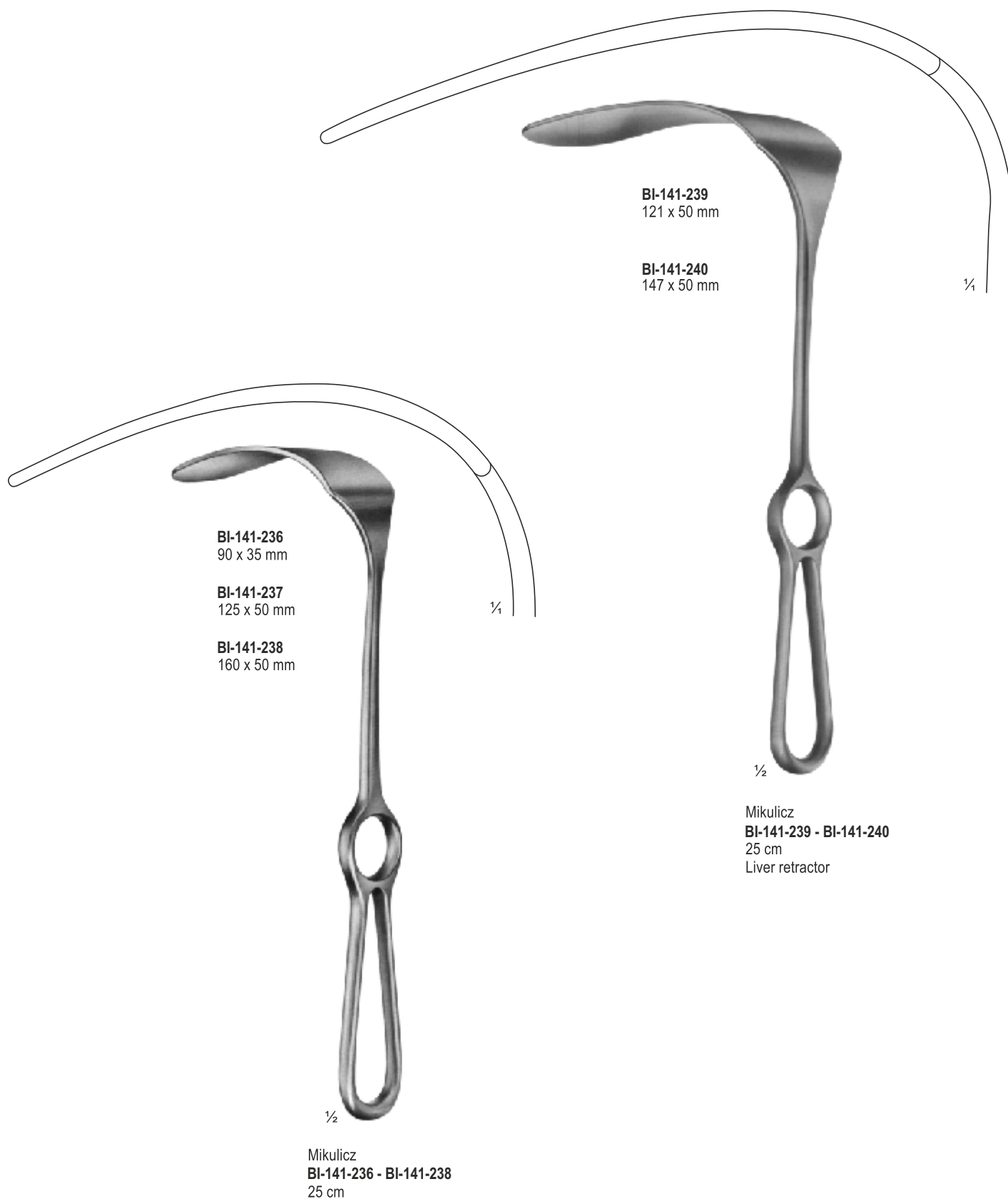
Cooley
BI-140-233
25 cm
Right
48 X 48 mm

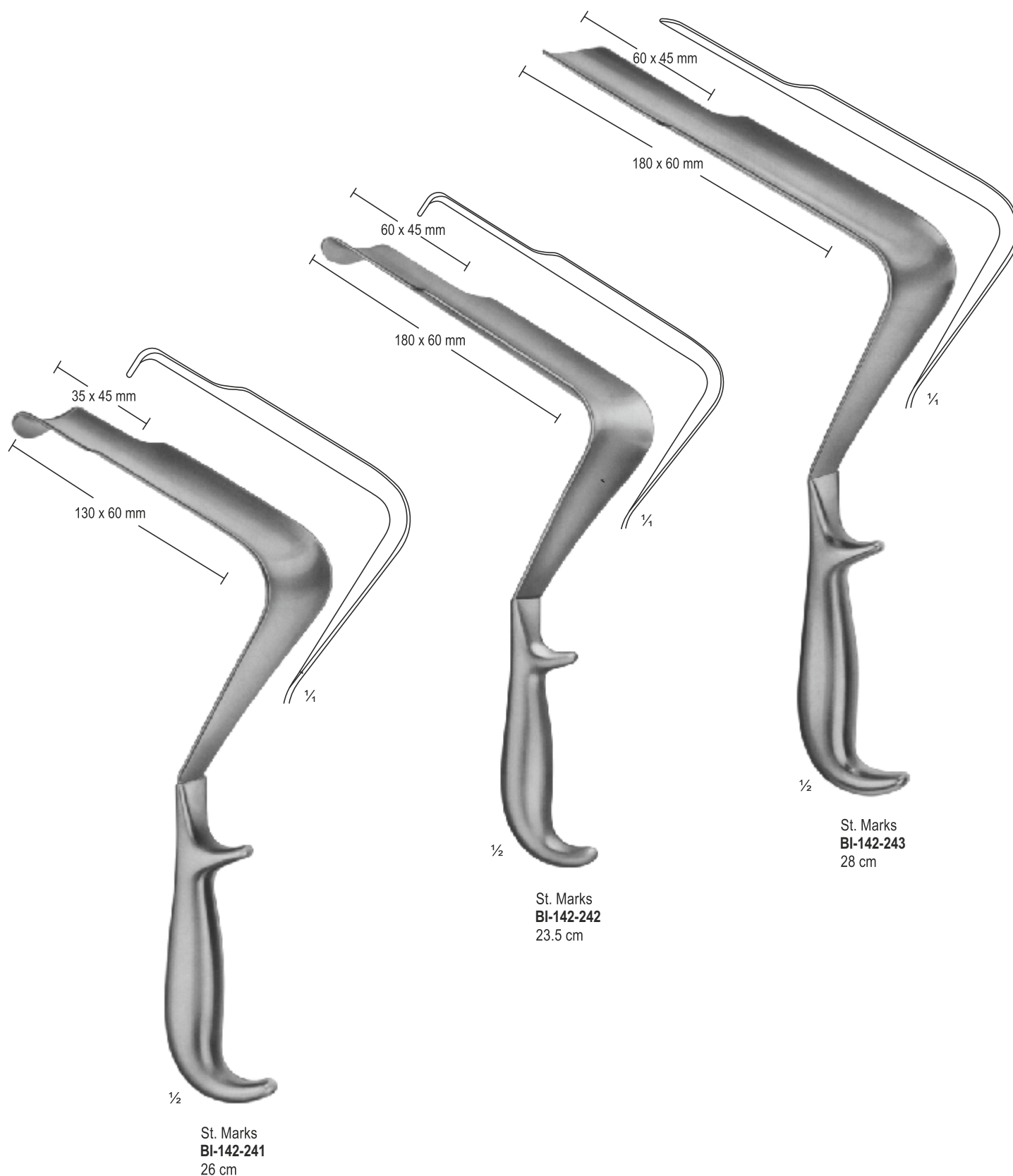


Cooley
BI-140-234
25 cm
Right, Serrated
48 X 48 mm



Cooley
BI-140-235
27.5 cm
Left
30 X 48 mm







Rochard

BI-143-244 - BI-143-248

31 cm

BI-143-244 48 x 90 mm

BI-143-245 48 x 105 mm

BI-143-246 48 x 120 mm

BI-143-247 48 x 135 mm

BI-143-248 48 x 155 mm

1/3


BI-143-249

Rochard fixation device



1/3

Doyen

BI-143-250 - BI-143-253

28 cm

BI-143-250 48 x 90 mm

BI-143-251 48 x 105 mm

BI-143-252 48 x 120 mm

BI-143-253 48 x 135 mm


1/3

Doyen-Child

BI-143-254

Fixation device

22 cm

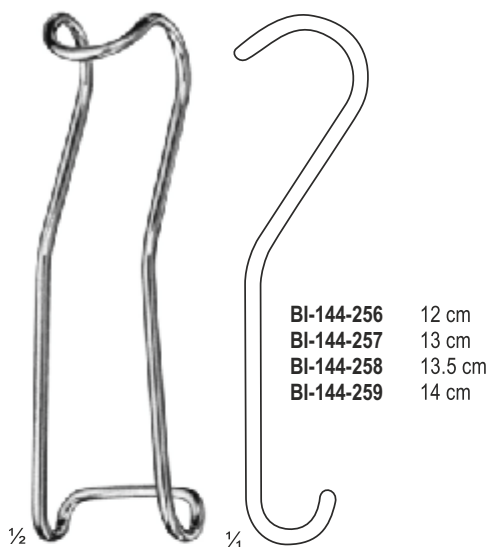

BI-143-255

Chain with

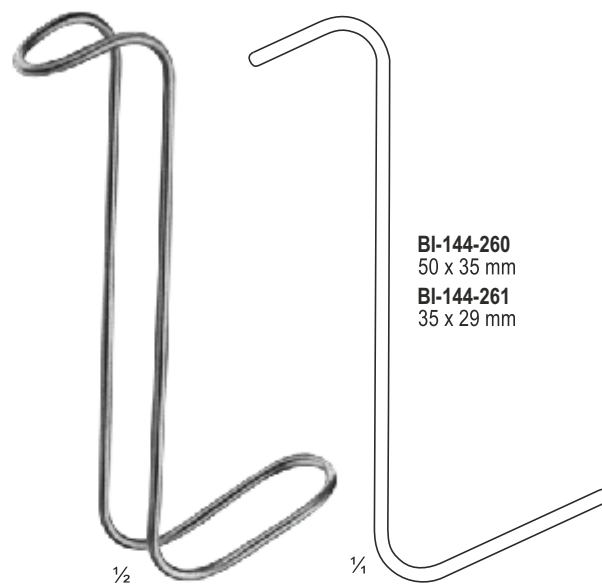
Weight (747 / 645g)

79 cm

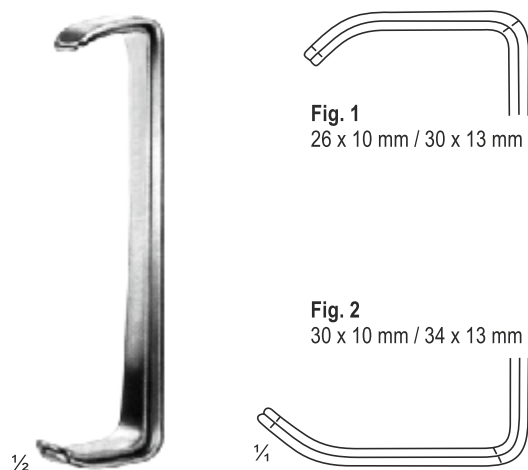
For retractors



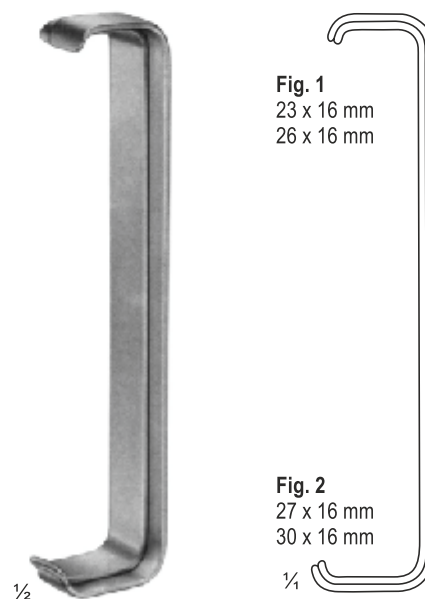
Sterberg
BI-144-256 - BI-144-259
14 cm
Lip and cheek retractor



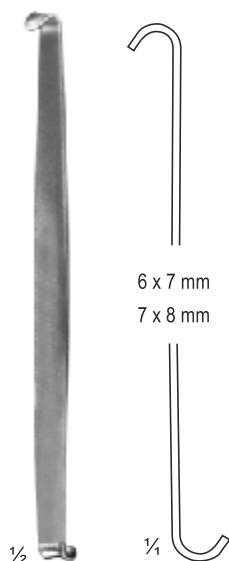
Collin-Hartmann
BI-144-260 - BI-144-261
15 cm



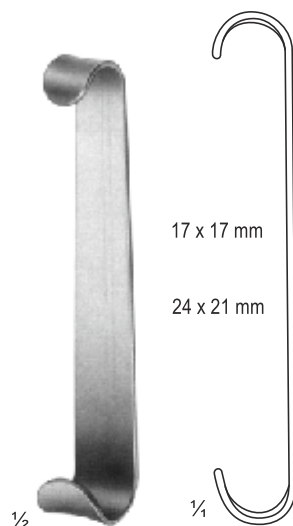
Farabeuf
BI-144-262
12 cm



Farabeuf
BI-144-263
15.5 cm



Roux-Mini
BI-145-264
14.5 cm



Roux-Baby
BI-145-265
12.5 cm



Roux
BI-145-266 - BI-145-267
15 cm



Roux
BI-145-271 Set
BI-145-268 - BI-145-271
17 cm

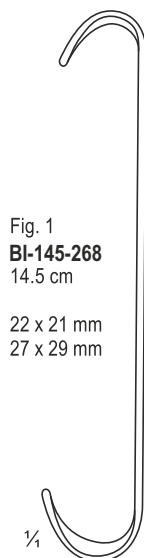


Fig. 1
BI-145-268
14.5 cm

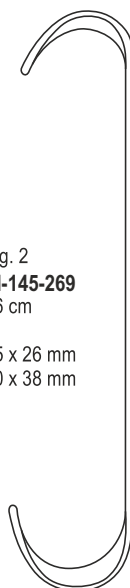


Fig. 2
BI-145-269
16 cm



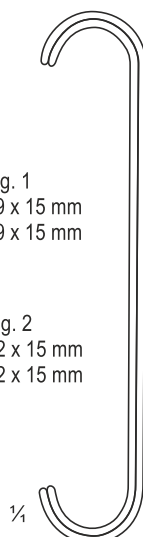
Fig. 3
BI-145-270
17 cm



Parker
BI-146-272
14 cm

Fig. 1
19 x 15 mm
19 x 15 mm

Fig. 2
22 x 15 mm
22 x 15 mm



Parker
BI-146-273
18.5 cm

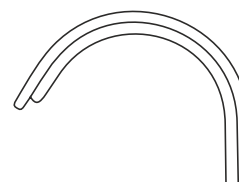
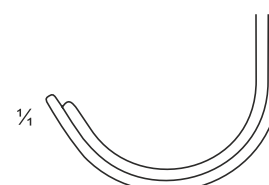


Fig. 1
26 x 25 mm / 27 x 15 mm

Fig. 2
29 x 25 mm / 27 x 25 mm



Parker-Mott
BI-146-274
16 cm

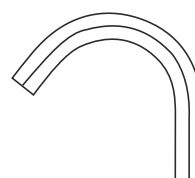
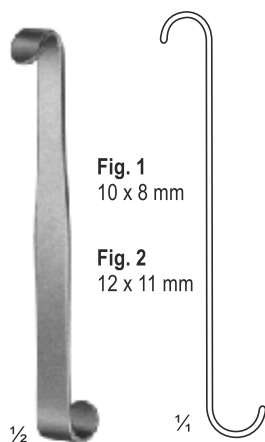


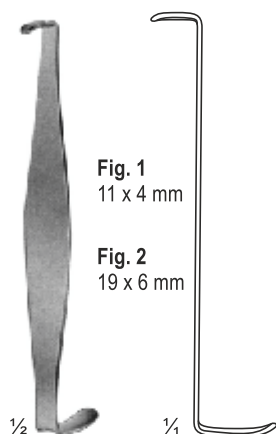
Fig. 1
21 x 24 mm
Fig. 2
25 x 24 mm

Fig. 1
68 x 24 mm
Fig. 2
72 x 24 mm

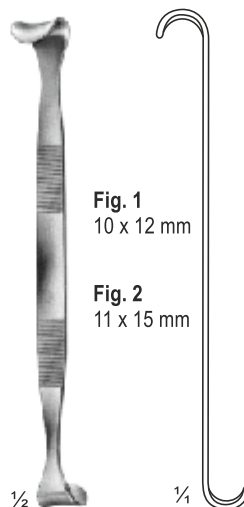




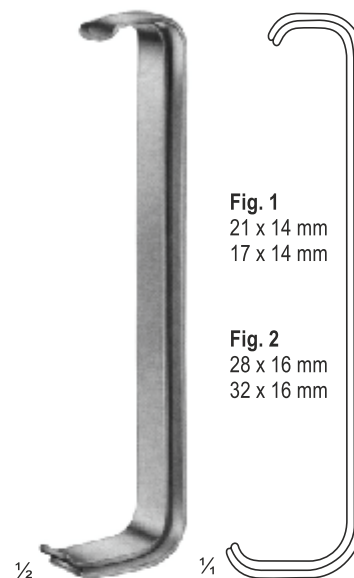
Luer
BI-147-275
11 cm



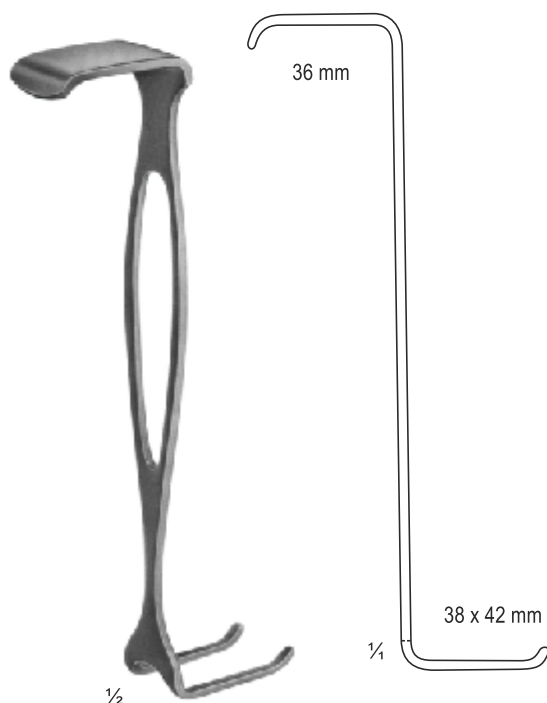
Crile
BI-147-276
11 cm



Rose
BI-147-277
13 cm



Collin
BI-147-278
15 cm
Double ended
set of 2



Czerny
BI-147-279
17.5 cm



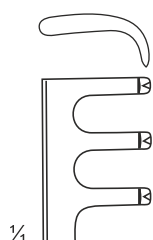
Goelet
BI-147-280
19 cm

Self-retaining Retractors

Selbsthaltende Retraktoren
Retradores de auto-retenção
Retradores autosuficientes



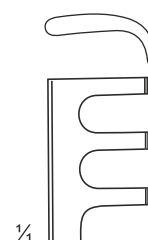
Jansen
BI-148-281
10 cm



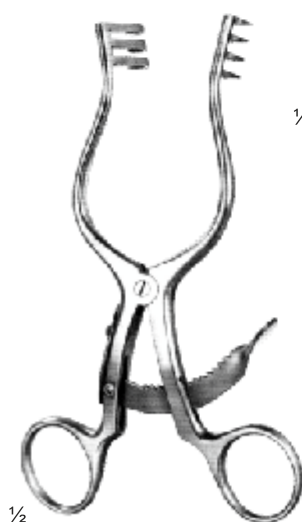
With adjusting screw
Sharp



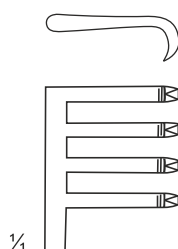
Jansen
BI-148-282
10 cm



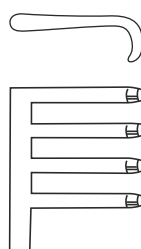
With adjusting screw
Blunt



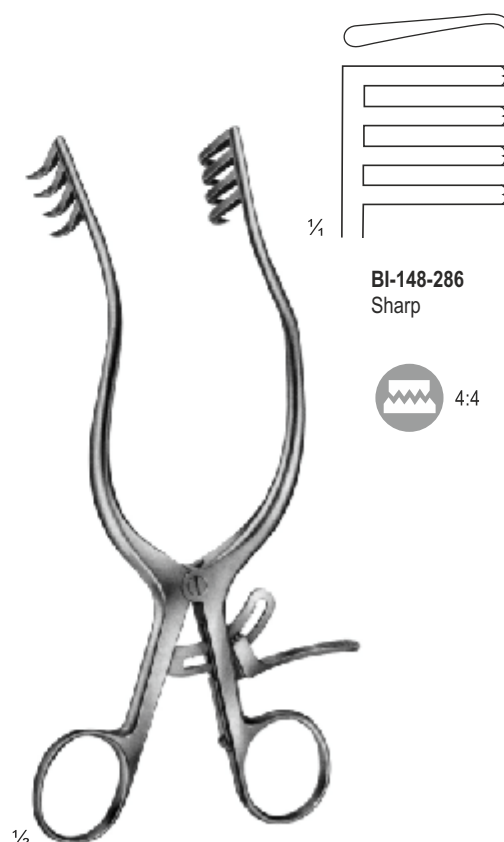
Scalp-Contour
BI-148-283 - BI-148-284
13.5 cm



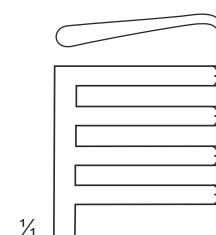
BI-148-283
Sharp



BI-148-284
Blunt



Anderson-Adson
BI-148-285
19 cm



BI-148-286
Sharp

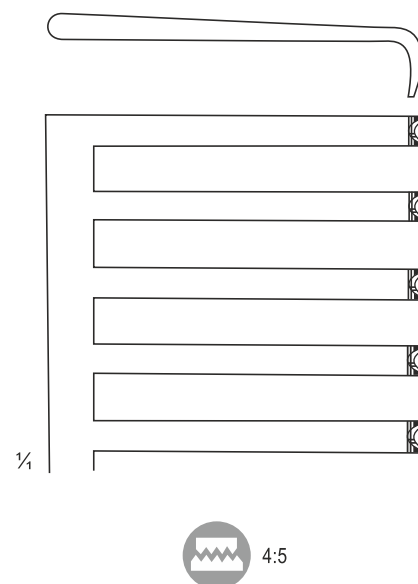




Travers
BI-149-287
21.5 cm
Blunt

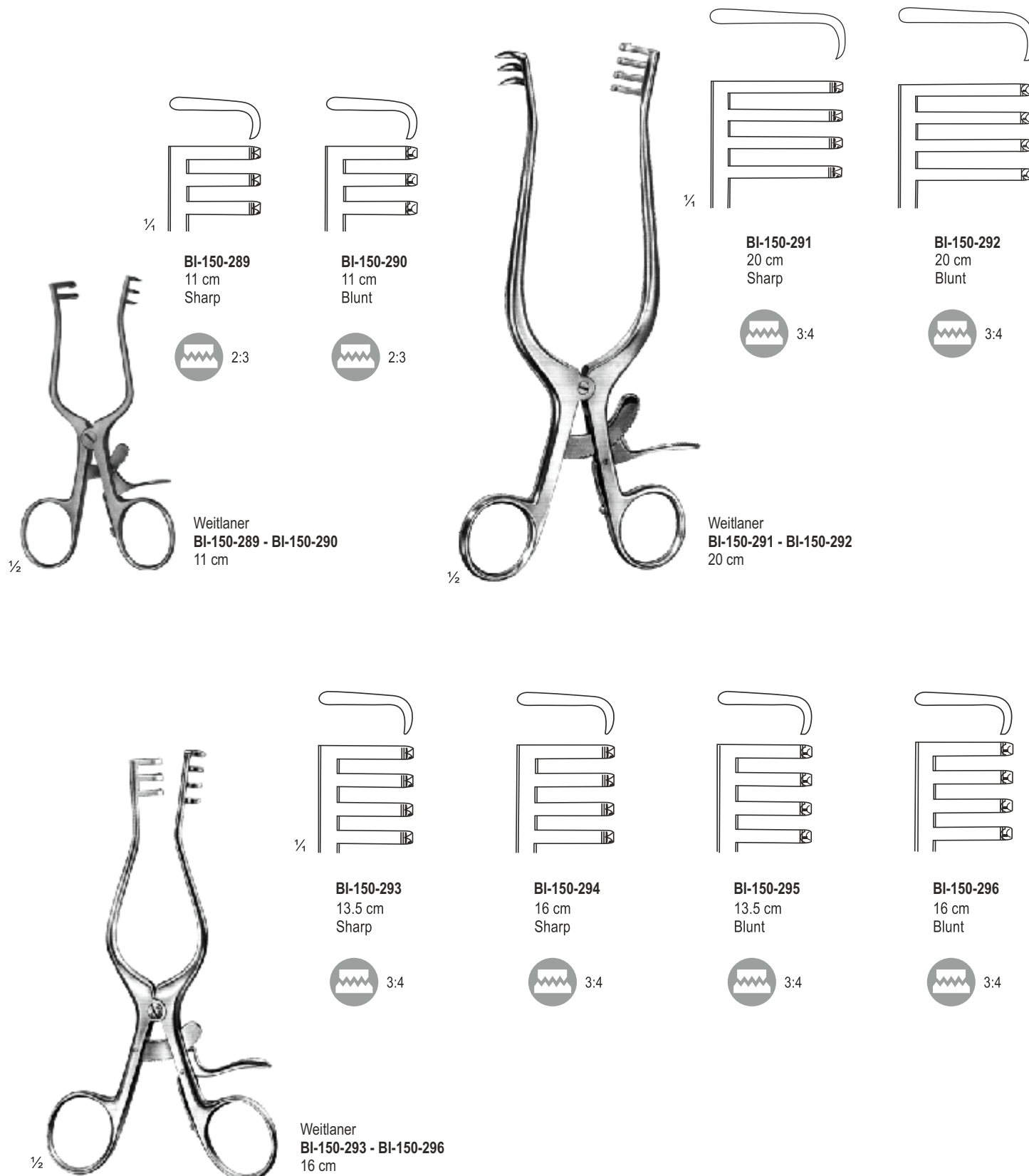


Norfolk-Norwich
BI-149-288
22 cm
Blunt



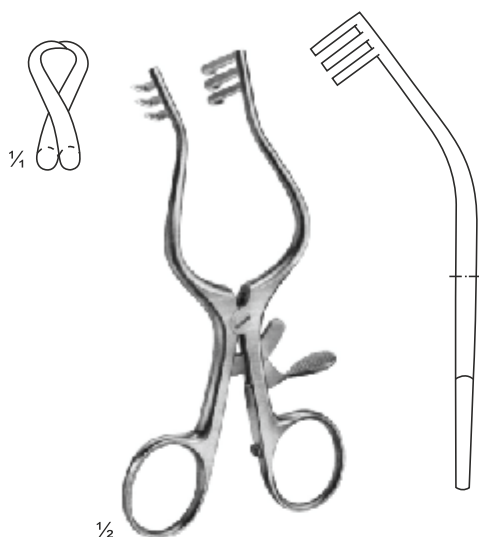
Self-retaining Retractors

Selbsthaltende Retraktoren
Retradores de auto-retenção
Retradores autosuficientes

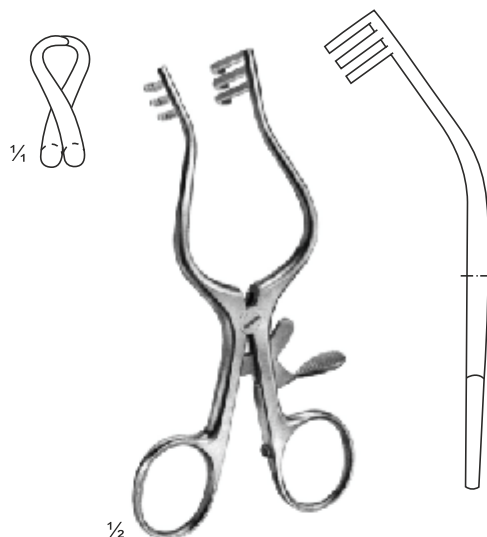


Self-retaining Retractors

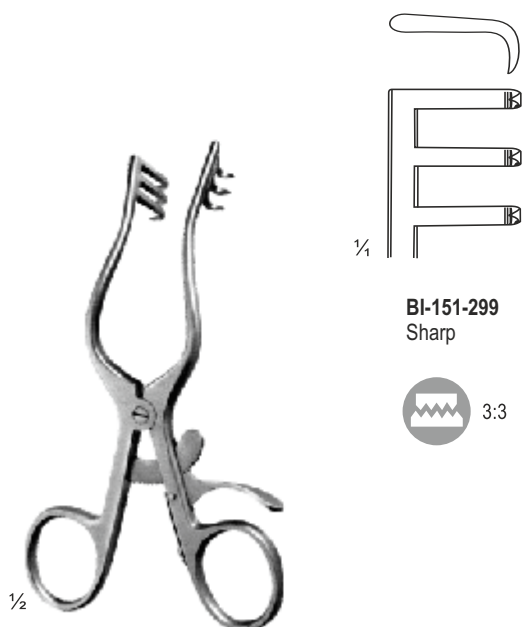
Selbsthaltende Retraktoren
Retradores de auto-retenção
Retradores autosuficientes



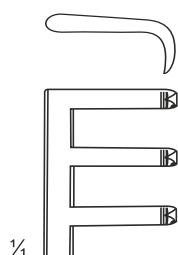
Wullstein
BI-151-297
13 cm
Sharp



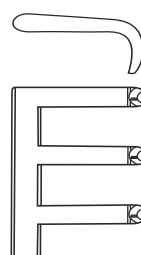
Wullstein
BI-151-298
13 cm
Blunt



Weitlaner-Wullstein
BI-151-299 - BI-151-300
13 cm
Blunt



BI-151-299
Sharp



BI-151-300
Blunt



Self-retaining Retractors

Selbsthaltende Retraktoren
Retraçadores de auto-retensão
Retractors autosuficientes

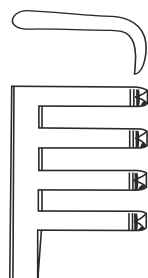


Henley

BI-152-301 - BI-152-302

16.5 cm

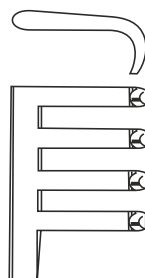
Complete with 3 central blades
ref. 06-540-19, - 25 and 32



BI-152-301
Sharp



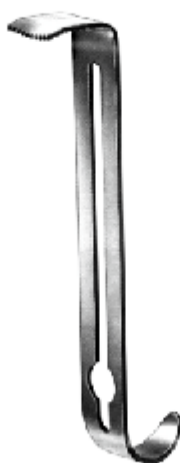
3:4



BI-152-302
Blunt

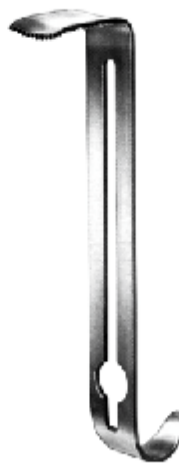


3:4



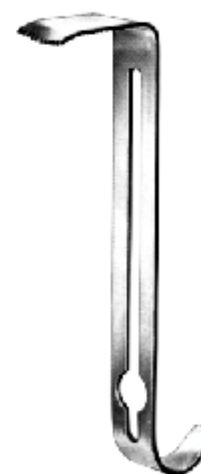
Blades

19 X 17 mm



Blades

25 X 17 mm

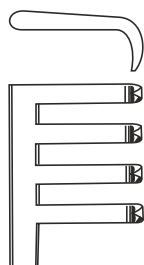


Blades

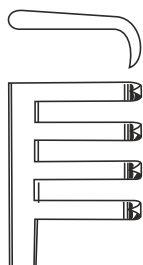
32 X 17 mm

Self-retaining Retractors

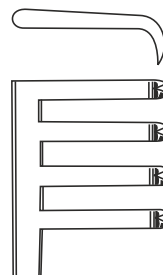
Selbsthaltende Retraktoren
Retraçadores de auto-retenção
Retradores autosuficientes



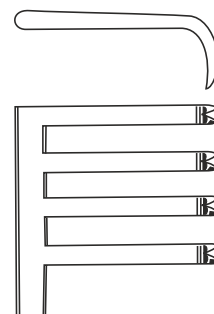
BI-153-303
14 cm
Sharp



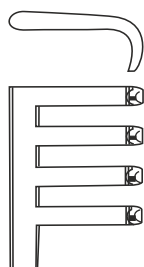
BI-153-304
16.5 cm
Sharp



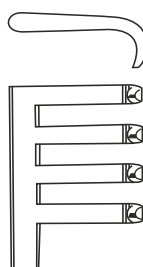
BI-153-305
21 cm
Sharp



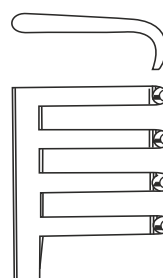
BI-153-306
24.5 cm
Sharp



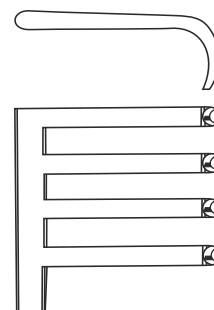
BI-153-307
14 cm
Blunt



BI-153-308
16.5 cm
Blunt



BI-153-309
21 cm
Blunt



BI-153-310
24.5 cm
Blunt



Adson
BI-153-303 - BI-153-310

Self-retaining Retractors, Vaginal Retractors

Selbsthaltende Retraktoren, vaginale Retraktoren

Retradores auto-retentivos, retractoros vaginais

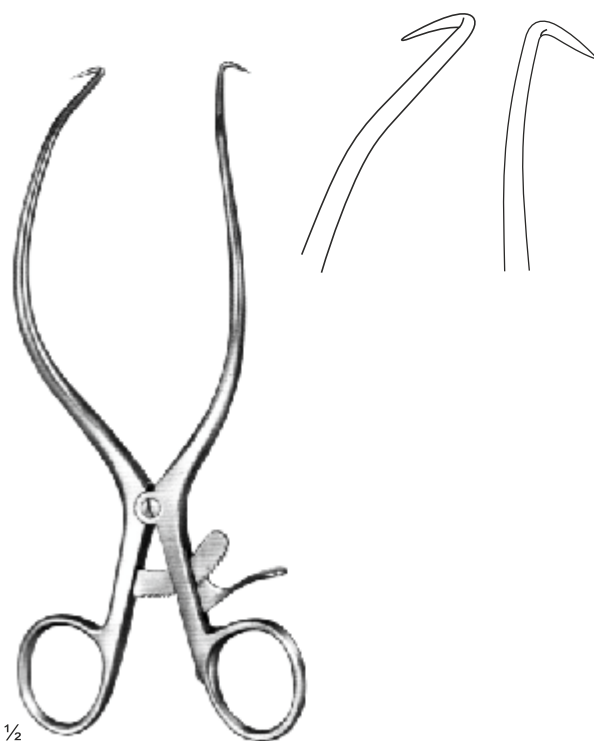
Retradores autorretenidos, retractoros vaginales



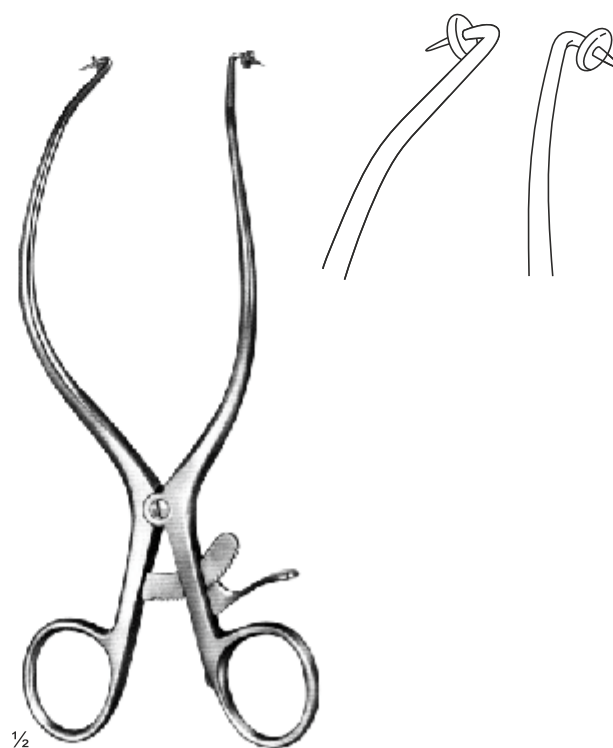
Joll
BI-154-311
15.5 cm
Thyroid and vaginal retractor



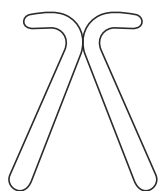
Gelpi
BI-154-312
13 cm



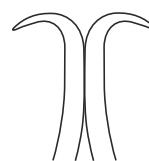
Gelpi
BI-154-313
18 cm



Gelpi
BI-154-314
18.5 cm



Jackson Burrows
BI-155-315
18.5 cm
Retractor, blunt



DeBakey
BI-155-316
14.5 cm



Collin Baby

BI-156-317

20 cm

Complete, with 2 pair of lateral blades

18 x 40 mm and 27 x 40 mm

Spreading

80 mm



Collin

BI-156-318

24 cm

Complete, with 1 pair of lateral blades

38 x 60 mm

Spreading

80 mm

BI-157-319
Central blade

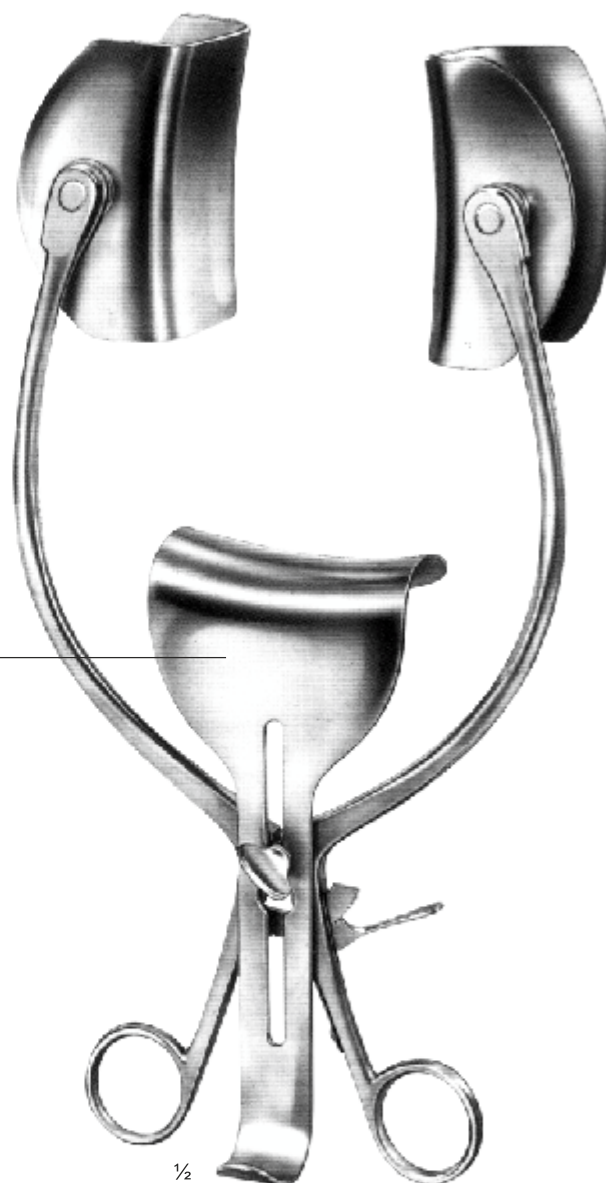
BI-157-320
Central blade

Collin
BI-157-319 - BI-157-320
22.5 cm

Complete, with 1 pair of lateral blades
38 x 60 mm and central blade 38 x 55 mm
Spreading
85 mm

BI-157-319
22.5 cm

Complete, with 1 pair of lateral blades
45 x 80 mm and central blade 50 x 75 mm
Spreading
80 mm

BI-157-321
Central blade

Collin
BI-157-321
31 cm

Complete, with 1 pair of lateral blades
60 x 80 mm and central blade 60 x 75 mm
Spreading
130 mm

Abdominal Retractors

Bauch-Reraktoren

Retradores abdominais

Retradores abdominales

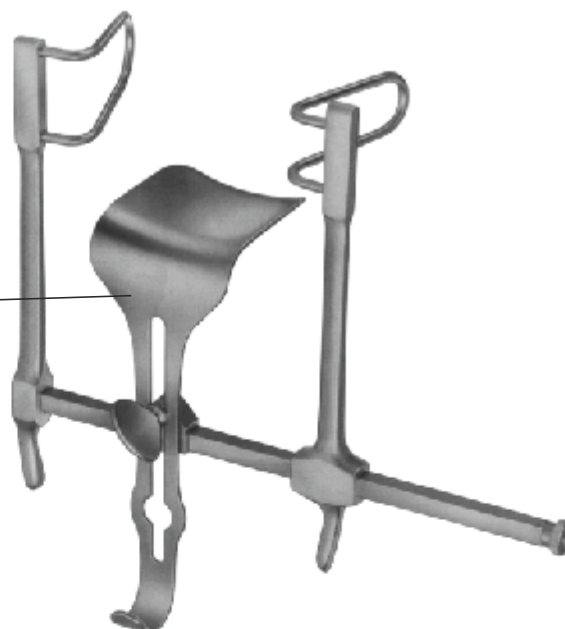


1/2

Gosset-Baby
BI-158-322
12.5 cm

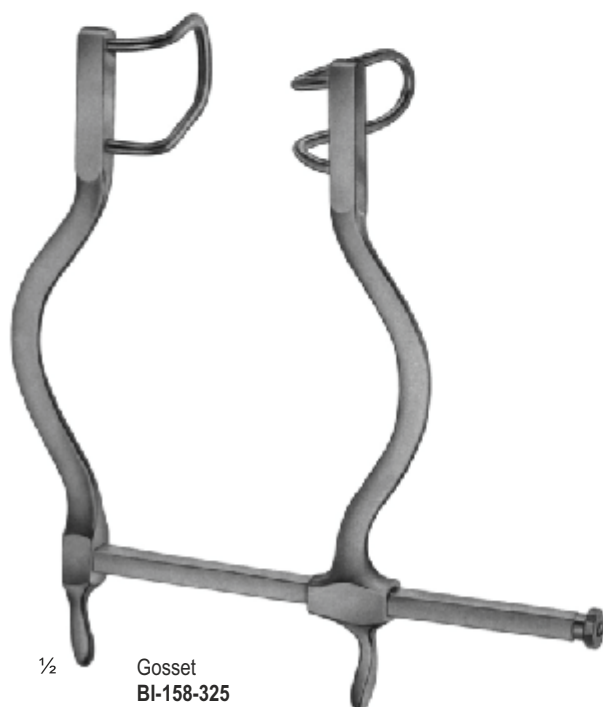
Lateral blades (40 X 30 mm)
Spreading
120 mm

Central blade
BI-158-324
60 x 56 mm



Gosset
BI-158-323 - BI-158-324
16.5 cm

Lateral blades 63 X 35 mm
Spreading
160 mm



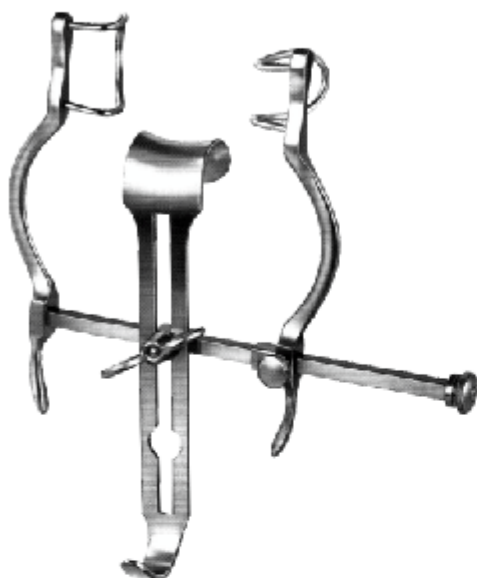
1/2

Gosset
BI-158-325
18.5 cm

Lateral blades (63 X 65 mm)
Spreading
140 mm

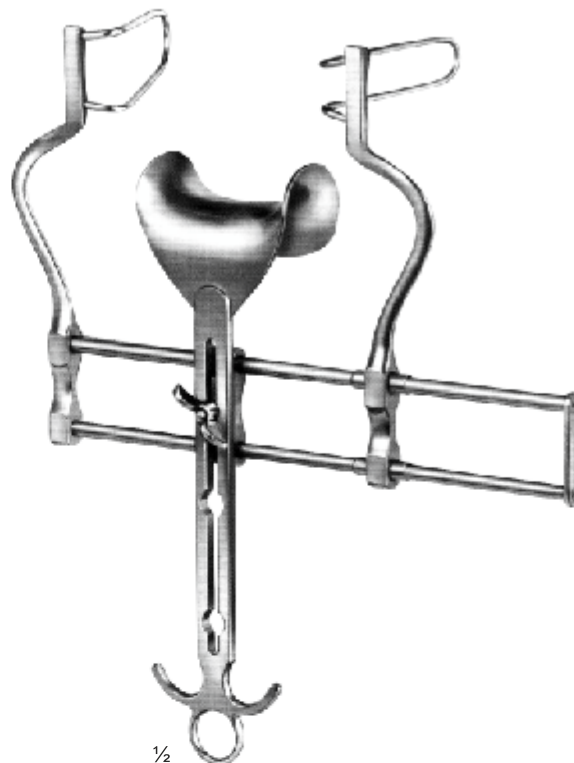


Hertzer
BI-158-326
Blades
20 x 25 mm

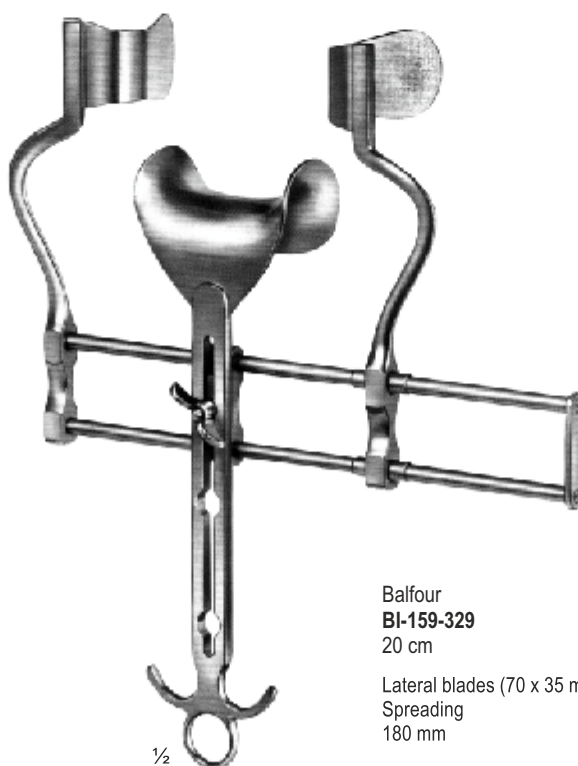


Balfour-Baby
BI-159-327
12.5 cm
Center blade 24 x 20 mm

Spreading
95 mm



Balfour
BI-159-328
20 cm
Lateral blades (70 x 35 mm)
Spreading
180 mm



Balfour
BI-159-329
20 cm
Lateral blades (70 x 35 mm)
Spreading
180 mm

Abdominal Retractors

Bauch-Reraktoren

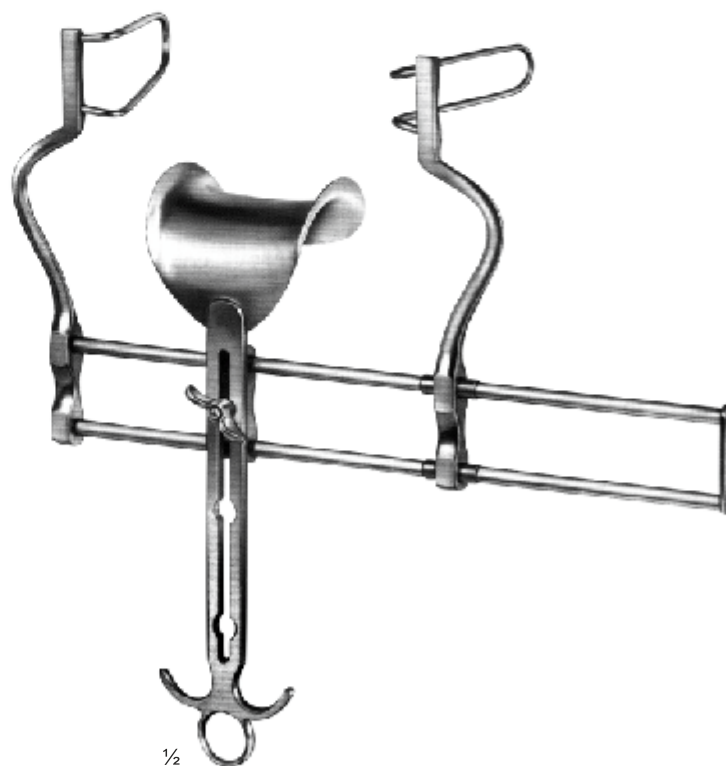
Retratores abdominais

Retractores abdominales



Balfour
BI-160-330
20 cm

Lateral blades (100 x 35 mm)
Center blade (100 x 60 mm)
Spreading
200 mm

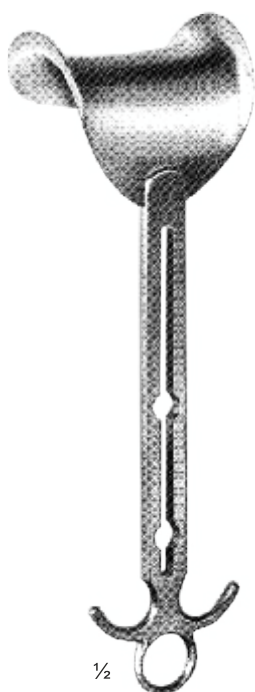


Balfour-Standard
BI-160-331
20 cm

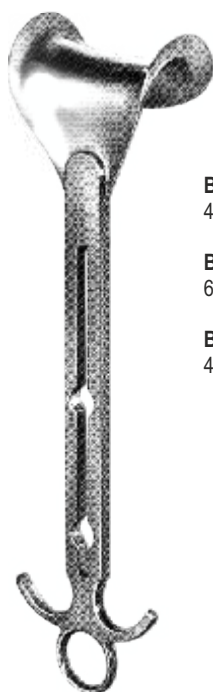
Lateral blades (100 x 35 mm)
Spreading
250 mm

Abdominal Retractors

Bauch-Reraktoren
Retradores abdominais
Retractores abdominales



BI-161-332
45 x 80 mm



BI-161-333
68 x 85 mm

BI-161-334
40 x 68 mm

1/2

Balfour
BI-161-332 - BI-161-334
20 cm
Center blades only



1/2

Balfour, Mod. USA
BI-161-335 - BI-161-337
20 cm

BI-161-337
With 1 pair each lateral blades

Spreading
190 mm



BI-161-335
6 cm
Fenestrated blades
60 mm deep (pair)



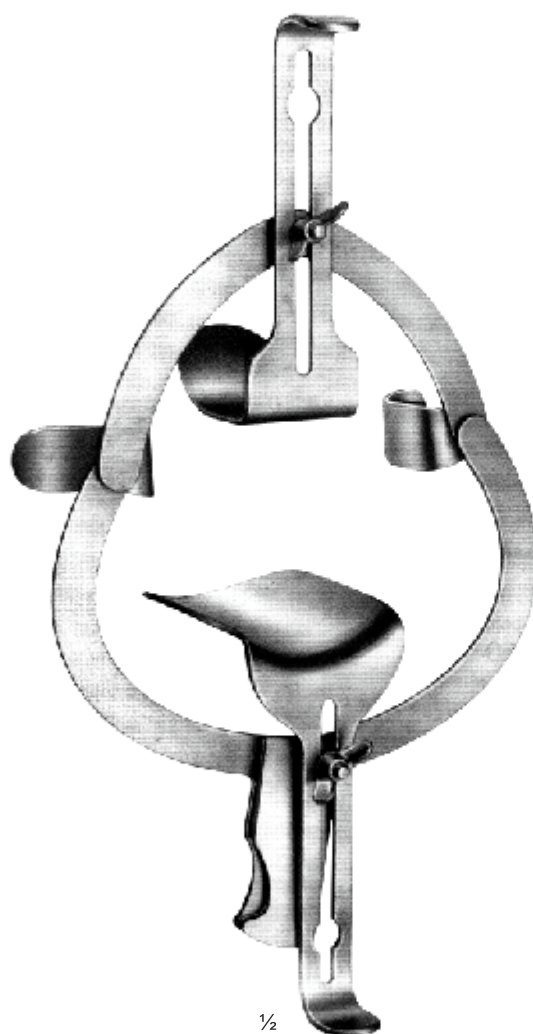
BI-161-336
8 cm
Fenestrated blades
80 mm deep (pair)

Abdominal Retractors

Bauch-Reraktoren

Retradores abdominais

Retractores abdominales



Central blade
BI-162-338
80 x 45 mm

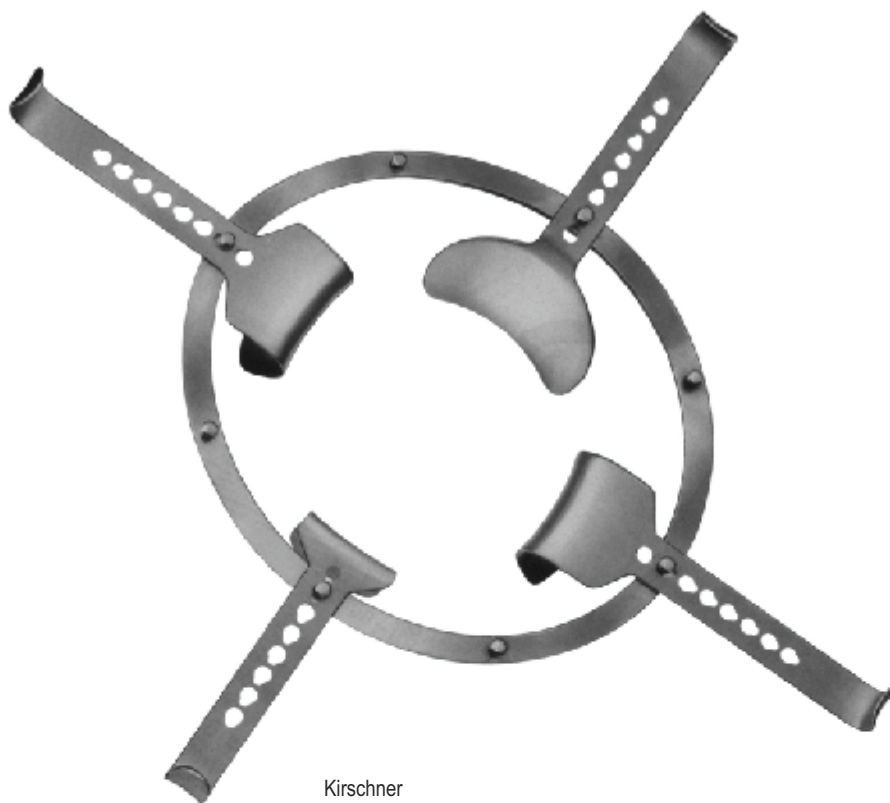
Central blade
BI-162-339
110 x 70 mm

O'Sullivan-O'Connor
BI-162-338 - BI-162-339

With 2 fixed lateral blades, 1 blade (110 x 70 mm) and 2 blades 80 x 45 mm

Abdominal Retractors

Bauch-Reraktoren
Retradores abdominais
Retradores abdominales

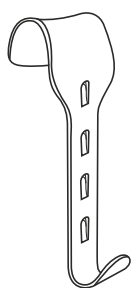


Kirschner
BI-228-532 - BI-228-531

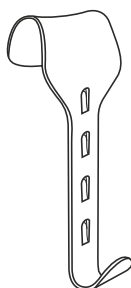
Kirschner
BI-228-533
Frame, only
330 x 270 mm

Frame 3 hooks
1 hooks each

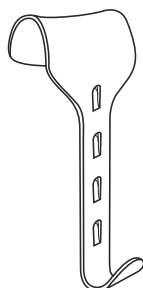
Blades



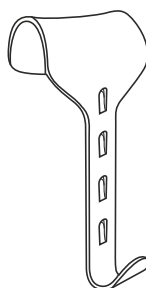
BI-228-534
40 x 55 mm
Standard



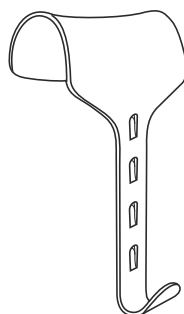
BI-228-535
50 x 65 mm
Standard



BI-228-536
60 x 85 mm
Standard

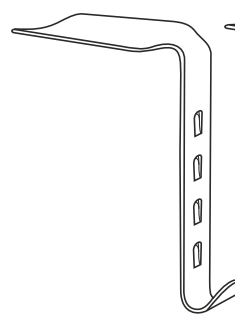


BI-228-537
78 x 65 mm

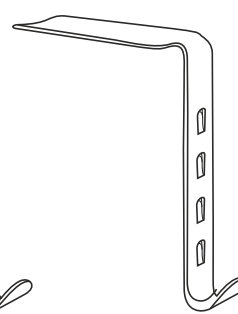


BI-228-538
80 x 90 mm

For obese Patients



BI-228-539
98 x 50 mm



BI-228-540
105 x 35 mm

For intestine and bladder

Abdominal Retractors

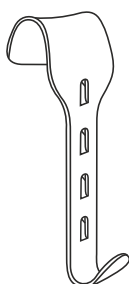
Bauch-Reraktoren
Retratores abdominais
Retradores abdominales



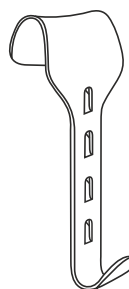
Kirschner
BI-229-541 - BI-229-543

BI-229-541
Frame, only
240 x 240 mm

Frame ref. **BI-229-541**, 2 hooks
ref. **BI-228-542** and 2 hooks ref. **BI-228-543**



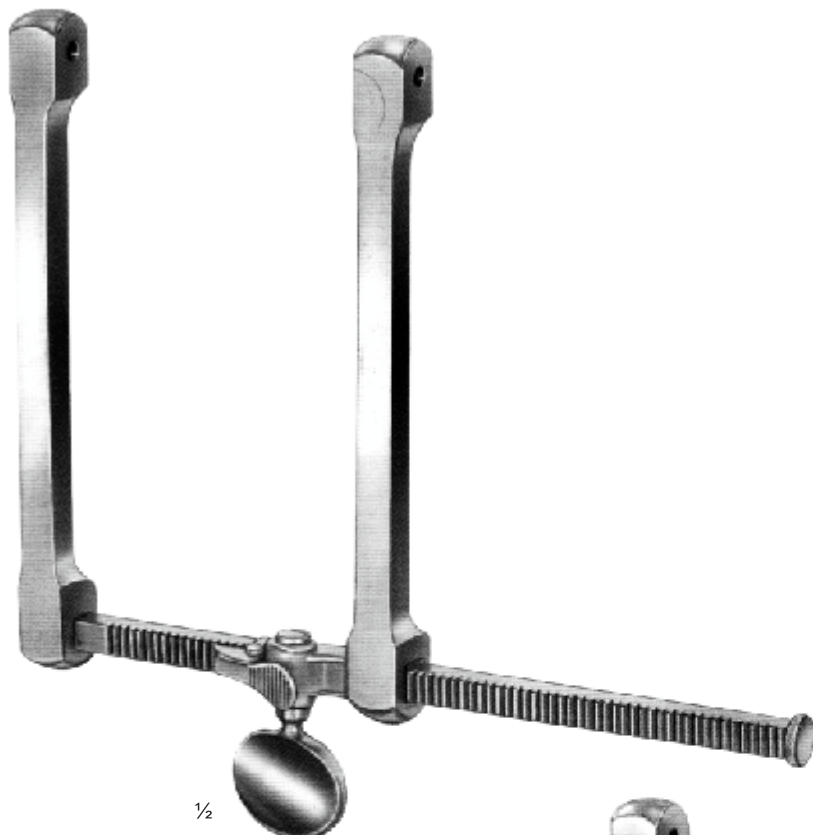
Kirschner
BI-229-541
40 x 55 mm



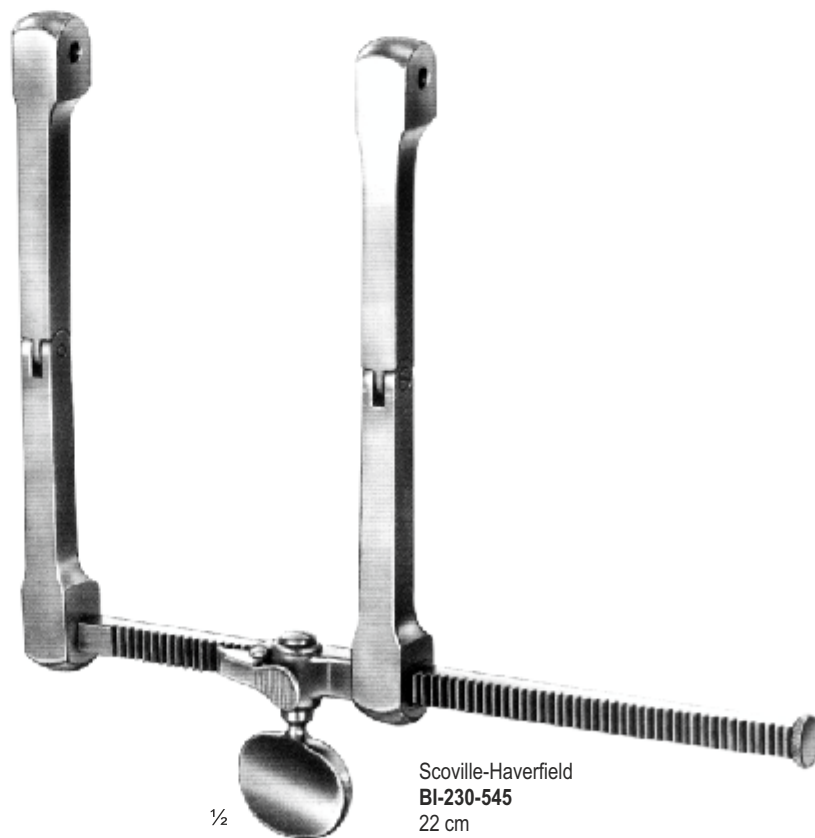
Kirschner
BI-229-541
40 x 55 mm

Laminectomy Retractors

Laminektomie Retraktoren
Retradores de laminectomia
Retradores de laminectomía


 $\frac{1}{2}$

Scoville
BI-230-544
22 cm
Spreading
190 mm


 $\frac{1}{2}$

Scoville-Haverfield
BI-230-545
22 cm
Frame only, with joint
Spreading
190 mm

Laminectomy Retractors

Laminektomie Retraktoren

Retradores de laminectomia

Retradores de laminectomía



1/2

BI-231-546

5 cm

Hook, piece

50 mm deep, blunt



1/2

BI-231-547

7 cm

Hook, piece

70 mm deep, blunt



1/2

BI-231-548

5 cm

Hook, piece

50 mm deep, sharp



1/2

BI-231-549

7 cm

Hook, piece

70 mm deep, sharp



1/2

BI-231-550 60 x 25 mm

BI-231-551 61 x 50 mm

BI-231-552 86 x 25 mm

Blades, piece
toothed



1/2

BI-231-553 48 x 50 mm

BI-231-554 64 x 50 mm

BI-231-555 64 x 64 mm

BI-231-556 80 x 57 mm

Hook, piece
Sharp



1/2

BI-231-557 44 x 38 mm

BI-231-558 67 x 44 mm

Hook, piece
Sharp



1/2

Tuffier
BI-233-559
20 cm
Malleable



1/2

Haberer
BI-233-560 - BI-233-562
Tapered

BI-233-560
20 cm
16 mm - 25 mm

BI-233-561
28 cm
25 mm - 30 mm

BI-233-562
30 cm
37 mm - 45 mm



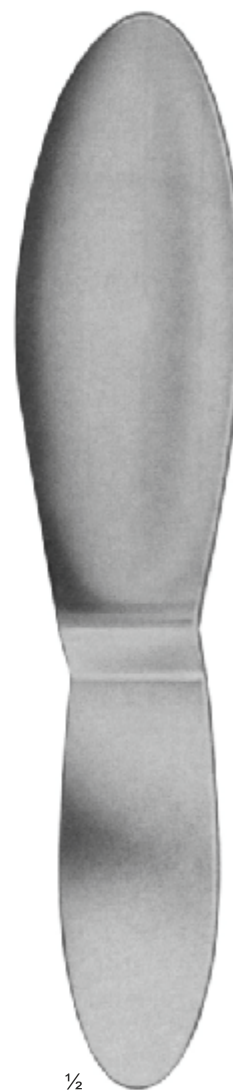
1/2

BI-233-563 - BI-233-565
33 cm
Malleable

BI-233-563
33 cm
30 mm

BI-233-564
33 cm
40 mm

BI-233-565
33 cm
50 mm



1/2

Reverdin
BI-233-566
28.5 cm



Probes

Sonden

Sondas

Sondas

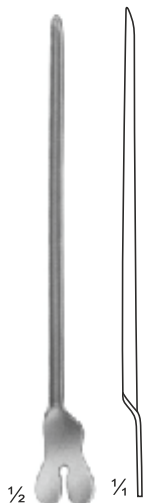
Page 169-171

Dissecting Forceps

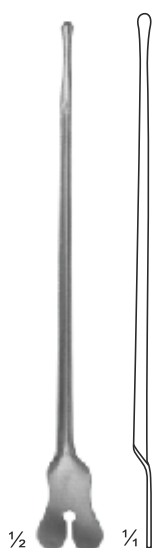
Präparierzange

Pinça de dissecação

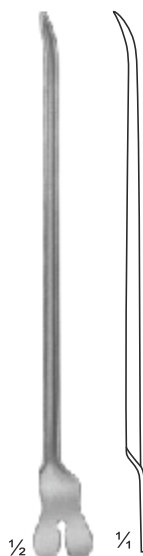
Pinzas de disección



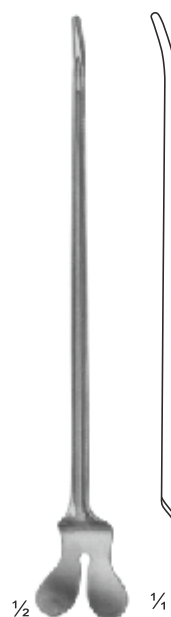
BI-169-001 - BI-169-003
BI-169-001 13 cm
BI-169-002 14.5 cm
BI-169-003 16 cm
Grooved directors



BI-169-004 - BI-169-006
BI-169-004 13 cm
BI-169-005 14.5 cm
BI-169-006 16 cm
Grooved directors with tip
diam. of tip 3.3 mm



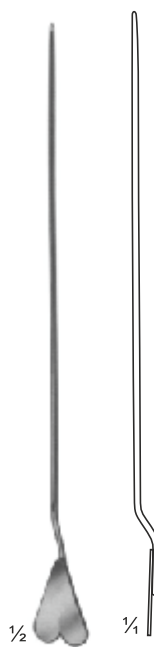
Doyen
BI-169-007
14.5 cm
Grooved directors



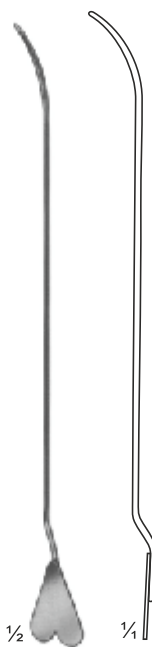
Nelaton
BI-169-008
16 cm
Grooved directors



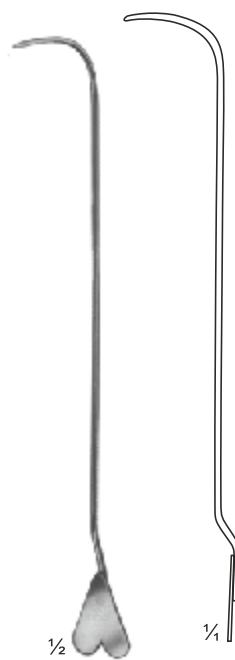
Brodie
BI-169-009
Grooved director with tip,
diam. of tip 3.5 mm
20 cm



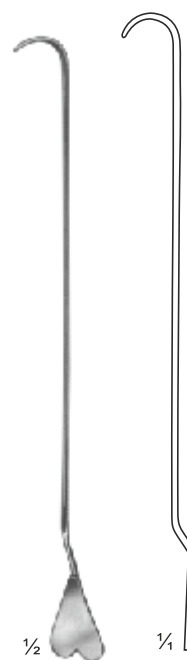
Lockhart-Mummery
BI-169-010
16.5 cm
Fistula probe



Lockhart-Mummery
BI-169-011
16.5 cm
Fistula probe



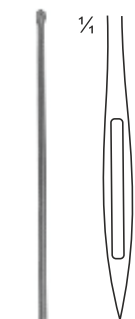
Lockhart-Mummery
BI-169-012
16.5 cm
Fistula probe



Lockhart-Mummery
BI-169-013
16.5 cm
Fistula probe



BI-169-014
Grooved director with wire
loop, malleable 19 cm



BI-170-015 13 cm
BI-170-016 14.5 cm
BI-170-017 16 cm

Probes
BI-170-015 - BI-170-017
With eye
Ø 2 mm



BI-170-018 13 cm
BI-170-019 14.5 cm
BI-170-020 16 cm

Probes
BI-170-018 - BI-170-020
Myrtle leaf probe
Ø 1.5 mm



BI-170-021 13 cm
BI-170-022 14.5 cm
BI-170-023 16 cm
BI-170-024 18 cm
BI-170-025 20 cm

Probes
BI-170-021 - BI-170-025
Myrtle leaf probe
Ø 2 mm



BI-170-026 11.5 cm
BI-170-027 13 cm
BI-170-028 14.5 cm
BI-170-029 16 cm
BI-170-030 18 cm
BI-170-031 20 cm

Probes
BI-170-026 - BI-170-031
Ø 1 mm



BI-170-032 13 cm
BI-170-033 14.5 cm
BI-170-034 16 cm
BI-170-035 18 cm
BI-170-036 20 cm
BI-170-037 25 cm

Probes
BI-170-032 - BI-170-037
Ø 1.5 mm



BI-170-038 11.5 cm
BI-170-039 13 cm
BI-170-040 14.5 cm
BI-170-041 16 cm
BI-170-042 18 cm
BI-170-043 20 cm
BI-170-044 25 cm
BI-170-045 30 cm

Probes
BI-170-038 - BI-170-045
Ø 2 mm



Double ended probe,
malleable, diam. of tips
3 mm with hole

Probes
BI-170-046
19 cm



Double ended probes,
tin, malleable,
diam. of tips
3.5 mm with hole

Probes
BI-170-047
25 cm



Double ended probes,
tin, malleable,
diam. of tips 4 mm

Probes
BI-170-048
40 cm

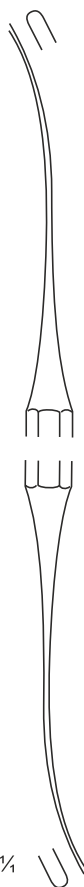


BI-170-049 Ø 1.5 mm
BI-170-050 Ø 2 mm
BI-170-051 Ø 2.5 mm

Probes
BI-170-049 - BI-170-051
30 cm

Varix Instruments

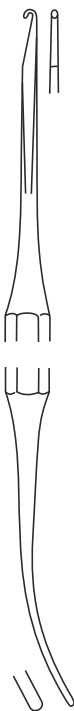
Varix-Instrumente
Instrumentos Varix
Varix Instruments



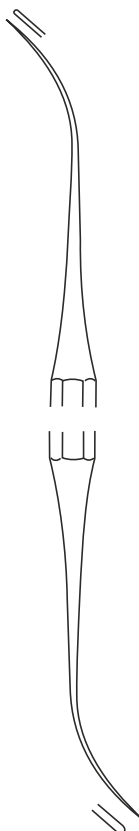
BI-171-052
18 cm
Phlebodissector



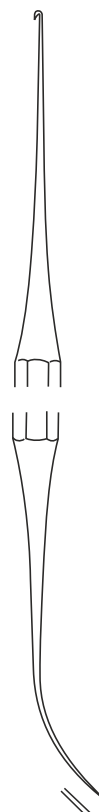
BI-171-053
18 cm
Phlebodissector



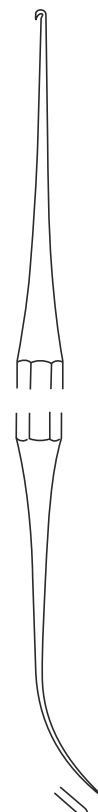
BI-171-054
18 cm
Phlebodissector



BI-171-055
17 cm
Micro dissector



BI-171-056
17 cm
Micro dissector



BI-171-057
17 cm
Mini phlebodissector



Varady
BI-171-052 - BI-171-057



Diagnostics

Diagnose

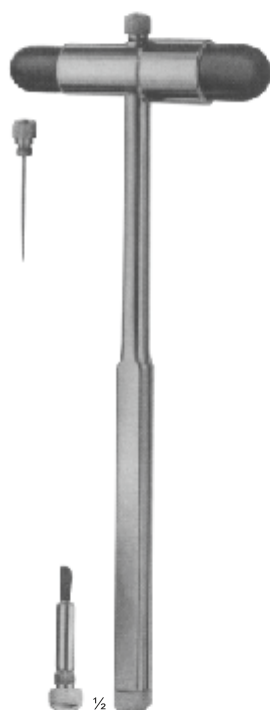
Diagnóstico

Diagnostico

Page 172-180

Percussion Hammers

Perkussion Hämmer
Martelos de Percussão
Martillos de percusión



Buck
BI-172-001
With needle
and brush
18.5 cm



Dejerine
BI-172-002
20 cm



Dejerine
BI-172-003
with needle
21 cm



Taylor, Mod. USA
BI-172-004
20 cm

Percussion Hammers Fetoscopes

Perkussion Hämmer Fetoskope
Martelos de Percussão Fetoscópios
Fetoscopios de martillos de percusión



Berliner
BI-173-005
20 cm



Wartenberg
BI-173-006
Pinwheel for
neurological
examination
18.5 cm



Troemner
BI-173-007
24.5 cm



Babinski / Rabiner
BI-173-008
With needle
and brush
25.5 cm



Pinard
BI-173-009
Aluminum
15 cm
Fetoscopes



Pinard
BI-173-010
Wooden
18 cm
Fetoscopes

Calipers, Flexometer

Messschieber, Flexometer

Pinças, Flexômetro

Calibradores, Flexómetro



1/2

Jameson
BI-174-011
Caliper
graduated in mm
and inches



1/2

Carroll
BI-174-012
14.5 cm
Finger Goniometer



1/2

Townley
BI-174-013
11.5 cm
Caliper
graduated in mm and inches



Möltgen
BI-174-014
Flexometer
for extremities

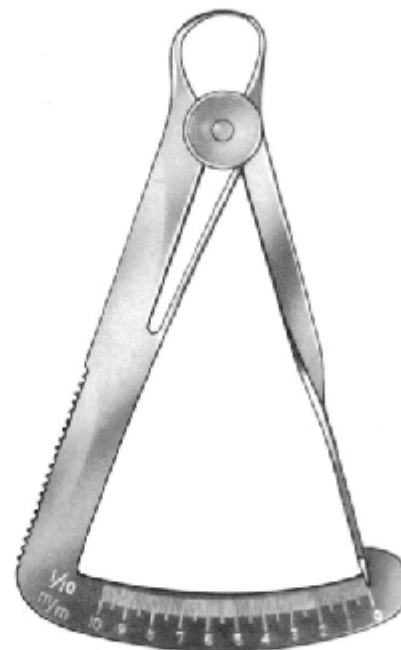


Bertillon
BI-174-015
Caliper for measuring the head
32 cm



1/4

Castroviejo
BI-174-016
8 cm
Caliper
effective range 0-15 mm



Iwanson
Metal: **BI-174-017**
Wax : **BI-174-018**
Caliper double side marking

 $\frac{1}{2}$

Boley
BI-175-019
14 cm

 $\frac{1}{2}$

BI-175-020
23.5 cm
Graduated in mm and inches,
measuring range up to 150 mm

 $\frac{1}{2}$

BI-175-021
22.5 cm
Graduated in mm and inches,
measuring range up to 145 mm

Metal, Standard Otoscopes

Metal, Standard-Otoskope
Metal, Otoscopios Standard
Metal, Otoscopios Estándar



BI-176-022

**Fiber Optical
(Pocket Style)**

2.5v LED

Modern pocket otoscope compact design. Handy and powerful.
Distal Fiber-Optic (F.O.) illumination 4mm bundle with Enhanced LED Technology.

Attachment clip with integrated on/off switch.

Power Supply: 2x AA Batteries (not included in set).
Packing: In Gray or Black pouch with 10 disposable Specula Dia 2.5mm & 4.0 mm

Available Colours: Blue, Green, Brown, Red



BI-176-023

**Conventional
(Plastic Head Otoscope)**

2.5v LED

Equipped with an easy to use Bayonet connecting system with high quality plastic head. Chrome plated knurled battery handle makes surface, a secure grip in the hand. Extra bright light of 2.5v LED bulb illumination.

3 X High Quality magnifying Lens.

Power Supply: 2x AA Batteries (not included in set).
Packing: In Gray or Black pouch / plastic box with 10 disposable Specula Dia 2.5mm & 4.0 mm





BI-177-024

(Ophthalmoscope)

2.5v LED lamp light for true tissue color and consistent long lasting illumination 16 color coded lenses - 25 to + 25 for excellent resolution (Red for - Black for +) 4 different apertures (small, large, blue, half moon focus) Rubber eye brow rest to prevent scratching of eye-glasses illumination lens dial for clear identification of adopter setting.

Power Supply: 2 x AA Batteries (not included in set).

Packing: Hard plastic case packing.



BI-177-025

(Ophthalmoscope)

Parker mini Ophthalmoscope with 2.5v LED bulb light for true tissue color and consistent long lasting illumination 24 color coded lenses - 25 to + 40 for excellent resolution (Red for - Green for +) Rubber eye brow rest to prevent scratching of eye-glasses illumination lens dial for clear identification of adopter setting.

Power Supply: 2 x C Batteries (not included in set).

Packing: Hard plastic case packing.



BI-178-026

Fiber Optic (ENT DIAGNOSTIC SET LARGE)

An ENT diagnostic set consists of different ENT tools that are used in the examination of the ears, nose and throat. Our Fiber Optic Diagnostic Set consists of following.

Handle for Otoscope and Ophthalmoscope with Bayonet Connection System.
2.5 V Led Otoscope Head.

1 Ophthalmoscope, 3 Reusable ear specula, 1 Curved Illuminator
2 Laryngeal Mirrors, 1 Tongue Depressor Support for disposable tongue depressor, 1 adjustable nasal speculum fitting., 20 pcs (2.5mm & 4.0mm, 10 each) of mini specula packed in transparent bottle. 2 spare LED bulb

Power Supply: 2 x C Batteries (not included in set).

Packing: Light weight zipper case.



BI-178-027

Conventional (ENT DIAGNOSTIC SET)

Handle for Otoscope and Ophthalmoscope with Bayonet Connection System.
2.5 V Led Otoscope Head.

1 Ophthalmoscope, 3 Reusable ear specula, 1 Curved Illuminator
2 Laryngeal Mirrors, 1 Tongue Depressor Support for disposable tongue depressor, 1 adjustable nasal speculum fitting., 2 spare LED bulb

Power Supply: 2 x C Batteries (not included in set).

Packing: Hard plastic case packing.



BI-179-028

(ENT DIAGNOSTIC SET LARGE)

Handle for Otoscope and Ophthalmoscope with Bayonet Connection System.
2.5 V Led Otoscope Head.

1 Ophthalmoscope, 3 reusable ear specula, 1 Curved Illuminator
2 Laryngeal Mirrors, 1 Tongue Depressor Support for disposable tongue depressor, 1 adjustable nasal speculum fitting., 2 spare LED bulb

Power Supply: 2 x C Batteries (not included in set).

Packing: Hard plastic case packing.



BI-179-029

(ENT DIAGNOSTIC SET)

Handle for Otoscope and Ophthalmoscope with screw locking System.
2.5 V Led Otoscope Head.

1 Ophthalmoscope, 3 reusable ear specula, 1 Curved Illuminator
2 Laryngeal Mirrors, 1 Tongue Depressor Support for disposable tongue depressor, 1 adjustable nasal speculum fitting., 2 spare LED bulb

Power Supply: 2 x C Batteries (not included in set).

Packing: Hard plastic case packing.



Trocars, Suction Tubes, Cannulas

Trokare, Saugrohre, Kanülen

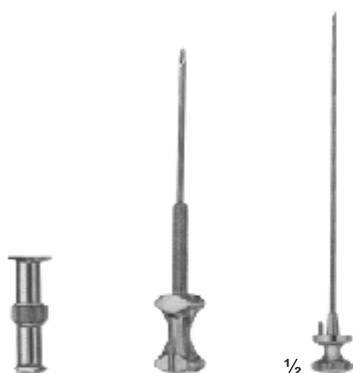
Trocars, Tubos de Sucção, Cânulas

Trocares, tubos de succión, cánulas

Page 181-187

Trocars

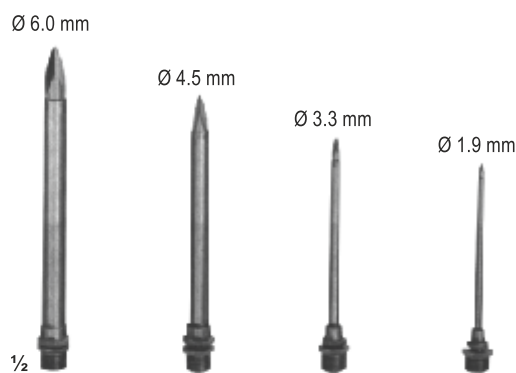
Trokare
Trocars
Trocares



Klima Rosegger
BI-181-001
35 X 1.8 mm
Sternal puncture needle



Universal Trocar
BI-181-002
With 4 tips



BI-181-003 - BI-181-007

	Inside dia.	Outside dia.
BI-181-003	2.2 mm	3 mm
BI-181-004	3 mm	4 mm
BI-181-005	4 mm	5 mm
BI-181-006	5 mm	6 mm
BI-181-007	5.5 mm	6.5 mm

For hydrocele and abdominal puncture



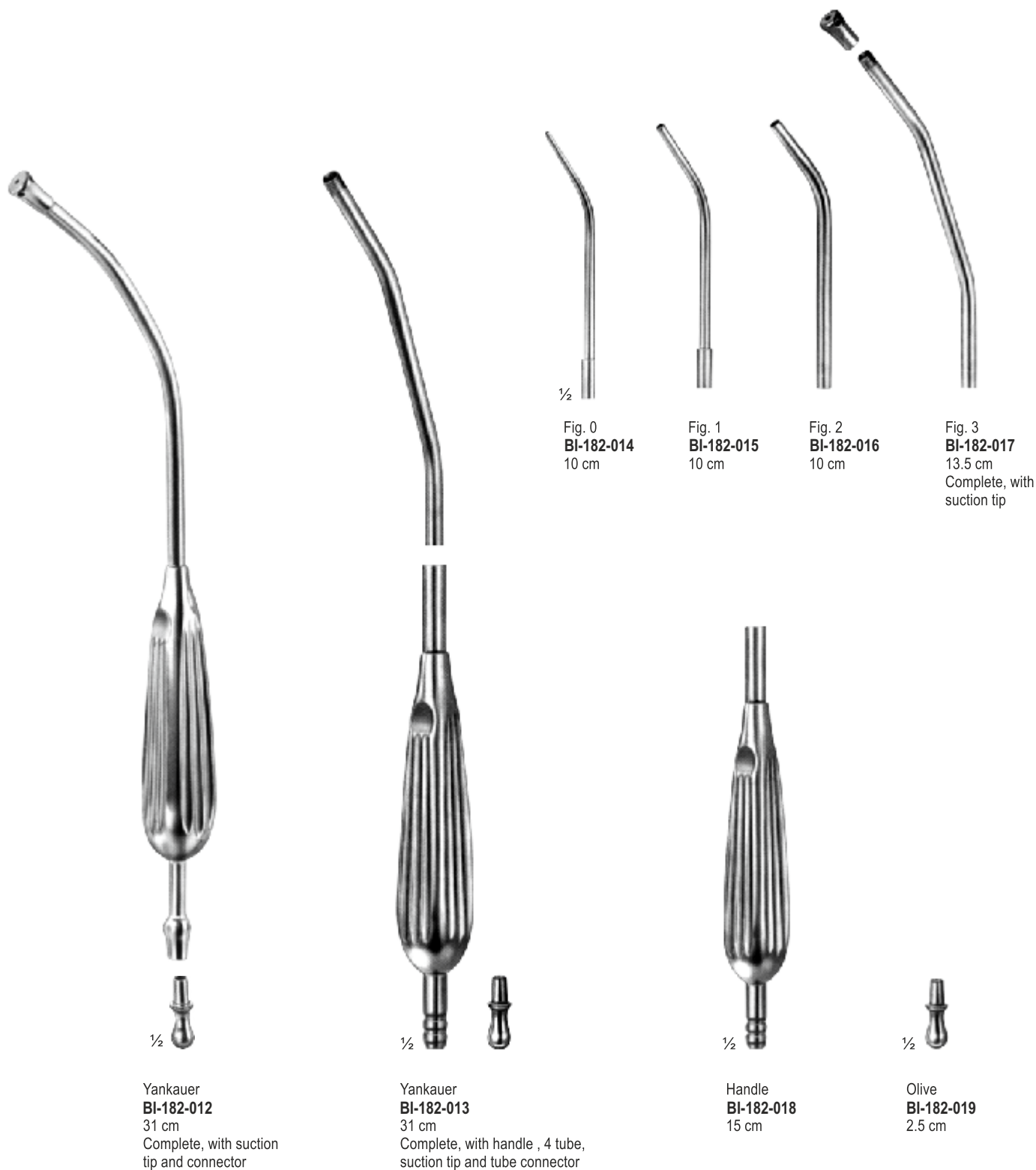
BI-181-008 - BI-181-011

	Inside dia.	Outside dia.
BI-181-008	2.2 mm	3 mm
BI-181-009	3 mm	4 mm
BI-181-010	4 mm	5 mm
BI-181-011	5 mm	6 mm

For abdominal puncture,
with stop-cock and lateral drain

Suction Tubes

Saugrohre
Tubos de sucção
Tubos de succión

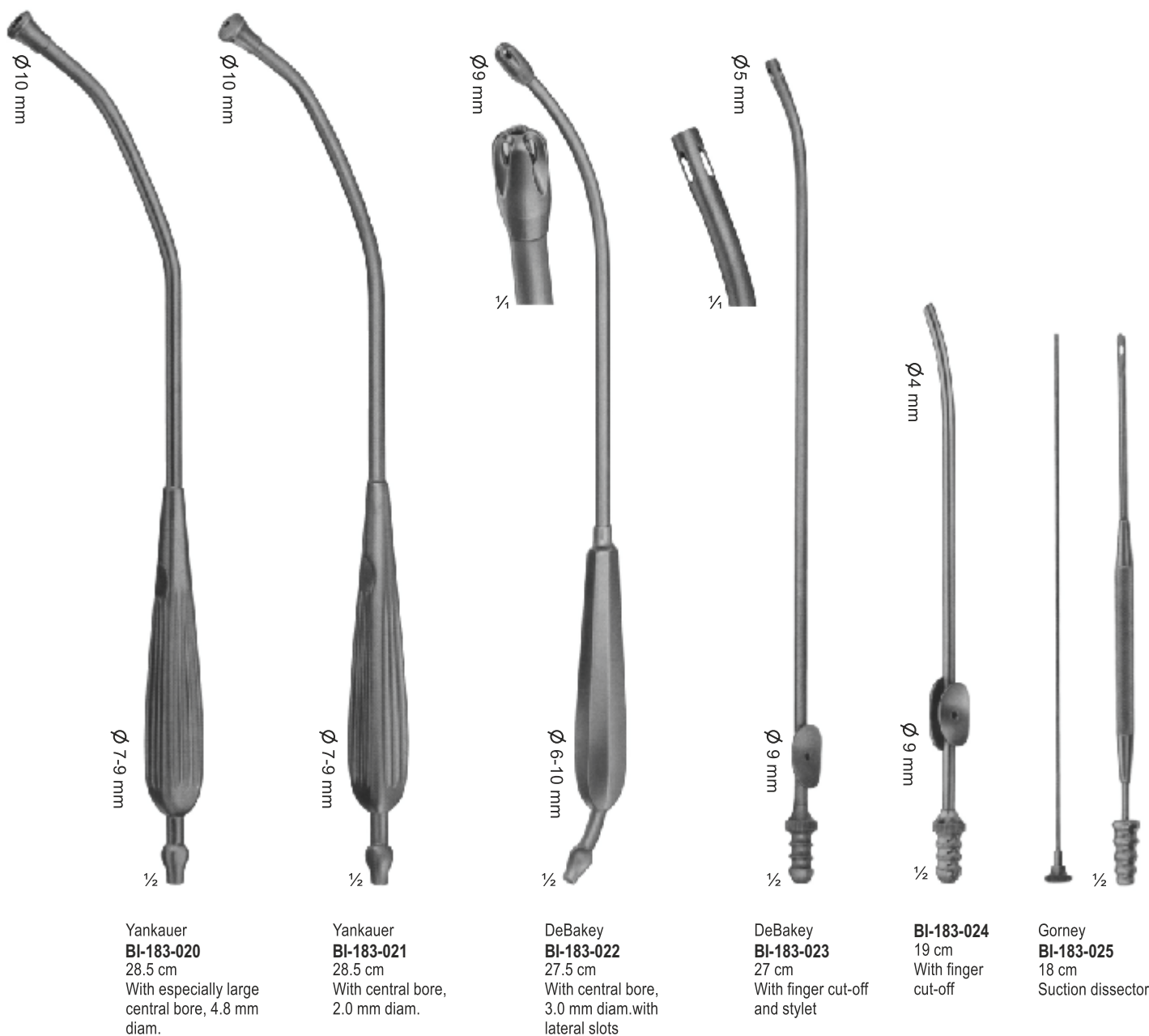


Suction tubes, Suction Instruments

Saugrohre, Sauginstrumente

Tubos de sucção, instrumentos de sucção

Tubos de succión, instrumentos de succión

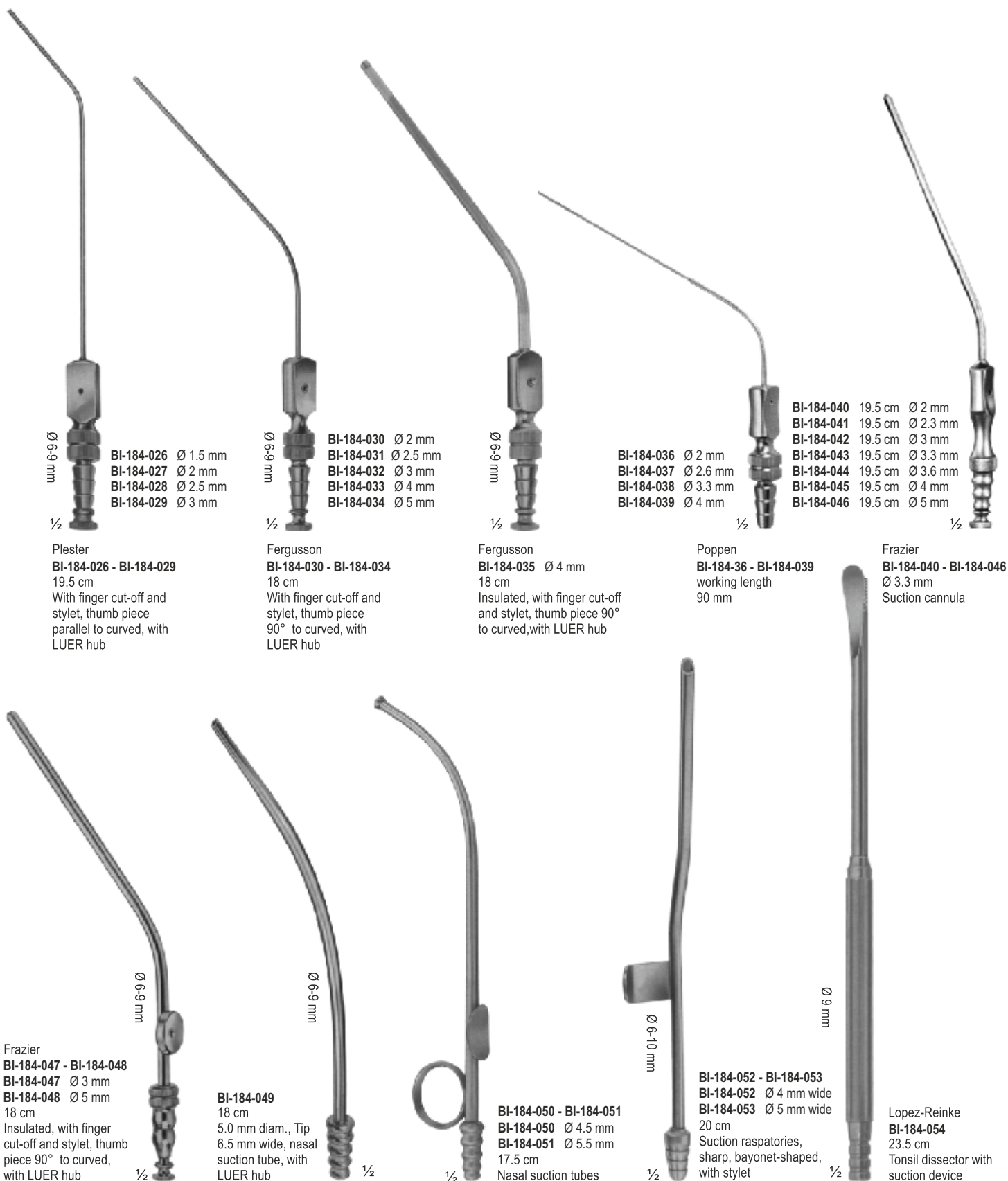


Suction tubes, Suction Instruments

Saugrohre, Sauginstrumente

Tubos de sucção, instrumentos de sucção

Tubos de succión, instrumentos de succión



Suction Tubes

Saugrohre

Tubos de sucção

Tubos de succión

⊙
BI-185-055
Working length 75 mm
Ø 1 mm

1/2

Baron-Schuknecht
BI-185-055 - BI-185-057
With finer cut-off

⊙
BI-185-056
Working length 75 mm
Ø 1.5 mm

⊙
BI-185-057
Working length 75 mm
Ø 2 mm



1/2

Suction Tip

BI-185-058 Ø 0.5 mm

BI-185-059 Ø 0.7 mm

BI-185-060 Ø 0.9 mm

BI-185-061 Ø 1.2 mm

Zoellner
BI-185-056 - BI-185-061
Suction cannula



1/2

Wullstein
BI-185-062 - BI-185-064
14 cm
Handle with tube, only



Wullstein
BI-185-062
4.5 cm
Micro suction cannula
complete, with handle and 3 tips
Ø 0.4 mm



Wullstein
BI-185-063
4.5 cm
Micro suction cannula
complete, with handle and 3 tips
Ø 0.6 mm



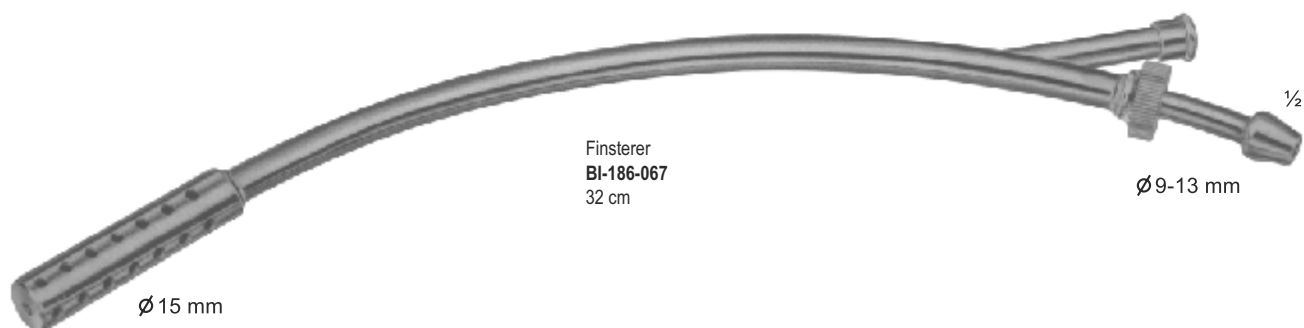
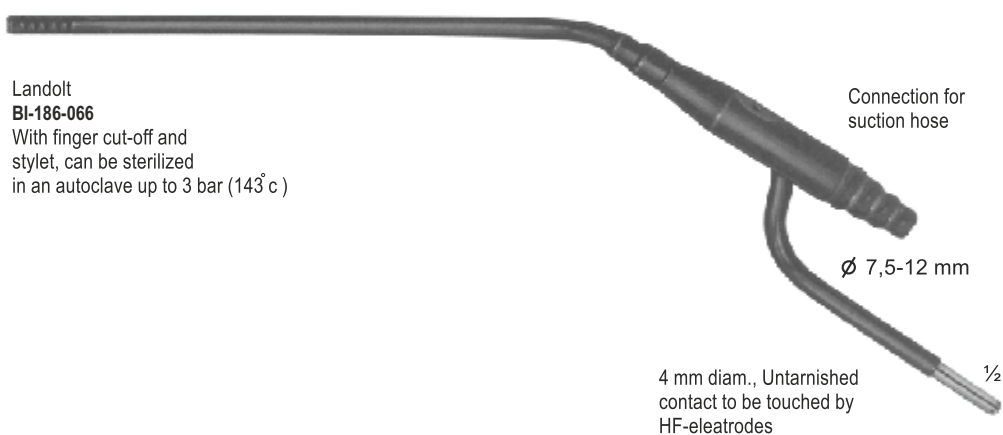
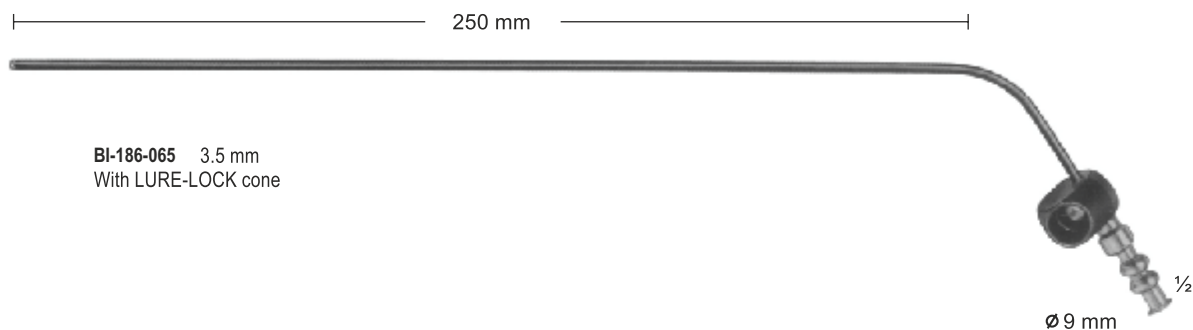
Wullstein
BI-185-064
4.5 cm
Micro suction cannula
complete, with handle and 3 tips
Ø 0.8 mm

Combined Suction-Irrigation Cannula

Kombinierte Saug-Spülkanüle

Cânula Combinada de Sucção-Irrigação

Cánula combinada de irrigación por succión



Suction Tube, Cannulas

Saugrohr, Kanülen

Tubo de Sucção, Cânulas

Tubo de succión, cánulas



1/2

Heparin

- BI-187-068** 45 mm Ø 2 mm
- BI-187-069** 45 mm Ø 3 mm
- BI-187-070** 55 mm Ø 3.7 mm
- BI-187-071** 160 mm Ø 5 mm

Flushing needle



Frazier

- BI-187-072** 17 mm Ø 2 mm
- BI-187-073** 17 mm Ø 2.7 mm
- BI-187-074** 17 mm Ø 3.3 mm
- BI-187-075** 17 mm Ø 4 mm

Suction tube



1/2

Frazier

- BI-187-076** 17 mm Ø 2 mm
- BI-187-077** 17 mm Ø 2.7 mm
- BI-187-078** 17 mm Ø 3.3 mm
- BI-187-079** 17 mm Ø 4 mm

Suction tube



1/2

Elsberg (Silver)

- BI-187-080** 5 Fr. 13 cm
- BI-187-081** 7 Fr. 13 cm
- BI-187-082** 9 Fr. 13 cm

Ventricular cannula

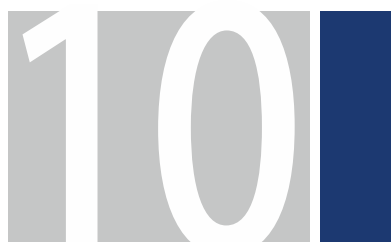


1/2

Jefferson

- BI-187-187** 100 mm

Ventricular cannula



Anaesthesia

Anästhesie

Anesthesia

Anestesia

Page 188-202

Flexible Tip Fiber Optic (F.O.) Laryngoscope

Flexible Spitze Fiber Optic (F. O.) Laryngoskop
Laringoscópio de Fibra Óptica com Ponta Flexível (F.O.)
Laringoscópio flexible de punta de fibra (F.O.)



Fiber Optic Handle

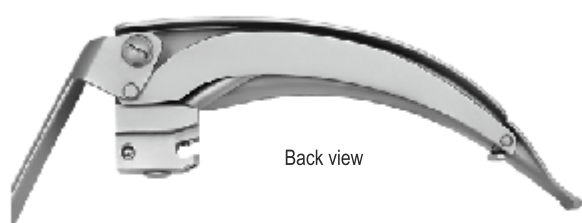


3 mm FIBER OPTIC LIGHT

Flexible Tip Fiber Optic (F.O.) Laryngoscope Blade FIBER OPTIC LIGHT

This Flexible Tip Blade is a Macintosh Laryngoscope Blade with a tip which is adjustable through 90°. A lever controls the tip angle during intubation to lift the epiglottis, giving a clear view of the vocal cords. 5000 individual micro-fibers in 3 mm Fiber Optic tube improved light transmission and longer life.

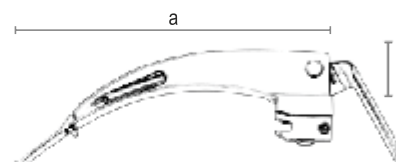
- ✦ Outstanding light intensity with LED illumination through extra strong fiber bundle.
- ✦ Swiveling blade tip facilitates difficult intubation.
- ✦ Reduced likelihood of damage to teeth and soft tissues.
- ✦ Reduce the force required to visualize the Larynx.
- ✦ 303/304 type high grade Stainless Steel with Satin Finish.
- ✦ Fully autoclavable and easier to clean.
- ✦ Fiber Optic handle Requires 2 X C size batteries.
- ✦ According to ISO 7376 Standard.



Back view



Front view



Flexible Tip Fiber Optic (F.O.) Laryngoscope Blade

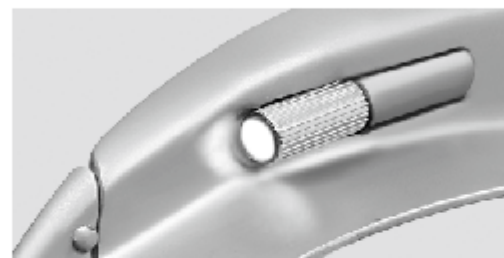
Size	Blade	Length	
		a {mm}	b {mm}
1	BI-188-001	93	19
2	BI-188-002	112	19
3	BI-188-003	132	22
4	BI-188-004	155	24

Flexible Tip Conventional Laryngoscope

Flexible Spitze Herkömmliches Laryngoskop
Laringoscópio Convencional com Ponta Flexível
Laringoscópio convencional de punta flexible



Conventional Handle



LED LAMP

Flexible Tip Conventional Laryngoscope Blade

LED LAMP

The Flexible Tip is a Macintosh Laryngoscope Blade with a tip which is adjustable through 90°. A lever controls the tip angle during intubation to lift the epiglottis, giving a clear view of the vocal cords.

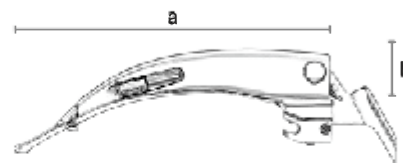
- Outstanding Light Intensity with LED Illumination.
- Swivelling blade tip facilitates difficult intubation.
- Reduced likelihood of damage to teeth and soft tissue.
- Rounded tip and smooth edges.
- 303/304 surgical stainless steel with satin finish.
- Fully autoclavable and easier to clean.
- Conventional handle Requires 2 X C size batteries.
- According to ISO 7376 Standard.



Back view



Front view



Flexible Tip Conventional Laryngoscope Blade

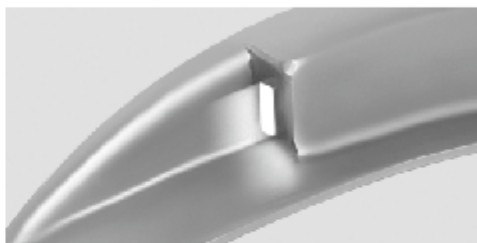
Size	Blade	Length	
		a (mm)	b (mm)
1	BI-189-005	93	19
2	BI-189-006	112	19
3	BI-189-007	132	22
4	BI-189-008	155	24

Macintosh, Mega Light, Fiber Optic (F.O.) Laryngoscope

Macintosh, Mega Light, faseroptisches (F.O.) Laryngoskop
Macintosh, Mega Light, laringoscópio de fibra óptica (F.O.)
Laringoscópio Macintosh, Mega Light, fibra óptica (F.O.)



Fiber Optic Handle



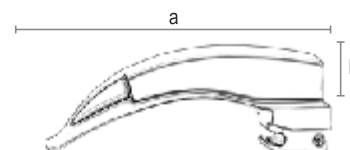
Fiber Optic (F.O.) Laryngoscope Blade MEGA LIGHT

Macintosh Mega Light Laryngoscope blade with 4 x 6 mm and up to 6500 individual micro-fibers for improved light transmission and longer life.

- 303/304 type high grade Stainless Steel with Satin Finish.
- Smooth shape avoids sharp edges and cavities for easy cleaning and sterilizing.
- Integrated Fiber Optics for the best possible illumination.
- Compatible with all standard Fiber Optic handles.
- Fully autoclavable and easier to clean.
- Fiber Optic handle with LED light.
- According to ISO 7376 standard.

Power Source

- All our Fiber Optic handles are powered by
- Standard battery handle: 2 "C" size
- Pediatric battery handle: 2 "AA" size
- Stubby battery handle: 2 "AA" size



Fiber Optic (F.O.) Laryngoscope Blade. (Mega Blade)

Size	Blade	Length	
	Reference no.	a {mm}	b {mm}
1	BI-190-009	97	18
2	BI-190-010	114	18
3	BI-190-011	137	19
4	BI-190-012	157	22

Fiber Optic (F.O.) Laryngoscope Sets. (Mega Blade)

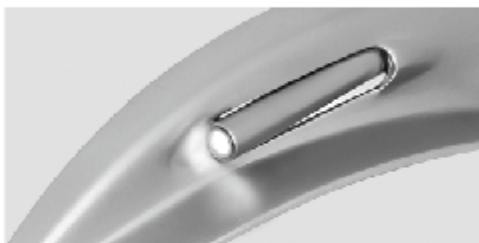
Reference no.	Description
BI-190-013	2 Blades + 1 Handle in Plastic Box.
BI-190-014	3 Blades + 1 Handle in Plastic Box.
BI-190-015	4 Blades + 1 Handle in Plastic Box.

Macintosh Fiber Optic (F.O.) Laryngoscope

Macintosh Fiber Optic (F.O.) Laryngoskop
Laringoscópio de Fibra Óptica Macintosh (F.O.)
Laringoscópio de fibra óptica Macintosh (F.O.)



Fiber Optic Handle



Fiber Optic (F.O.) Laryngoscope Blade

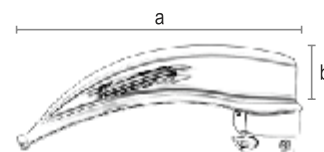
INTERCHANGEABLE LIGHT CONDUCTOR

Macintosh Fiber Optic laryngoscope blade with 4mm F.O light conductor, up to 6500 individual micro-fibers for improved light transmission and longer life.

- ✦ Blade with Removable light conductor which is simple to remove and refit without any tool.
- ✦ Integrated Fiber optic for the best Possible Illumination.
- ✦ 303/304 type high grade Stainless Steel with Satin Finish.
- ✦ Smooth shape avoids sharp edges.
- ✦ Fully autoclavable and easier to clean.
- ✦ Compatible with all Standard Fiber optic handles.
- ✦ Fiber optic Handle with LED light.
- ✦ According to ISO 7376 Standard.

Power Source

- ✦ All our Fiber Optic handles are powered by
- Standard battery handle: 2 " C " size
- Pediatric battery handle: 2 " AA " size
- Stubby battery handle: 2 " AA " size



Macintosh Fiber Optic (F.O.) Laryngoscope Blades. (Interchangeable)

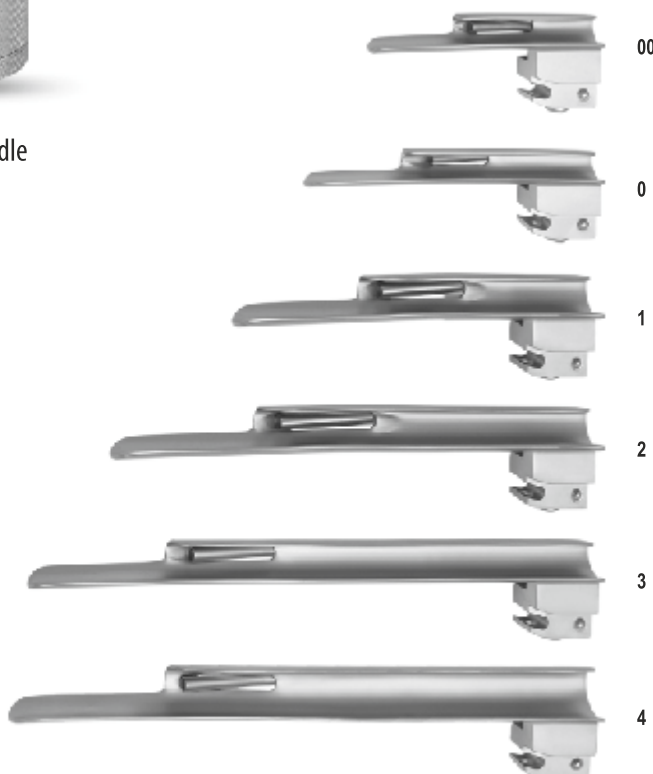
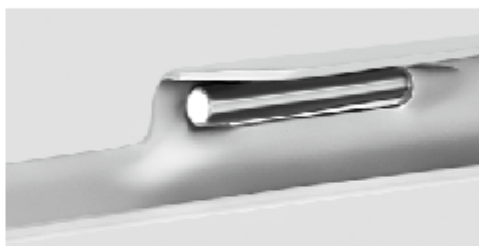
Size	Blade	Length	
	Reference no.	a {mm}	b {mm}
1	BI-191-016	102	18
2	BI-191-017	115	18
3	BI-191-018	137	21
4	BI-191-019	157	21

Macintosh Fiber Optic (F.O.) Laryngoscope Sets. (Interchangeable)

Reference no.	Description
BI-191-020	2 Blades + 1 Handle in Plastic Box.
BI-191-021	3 Blades + 1 Handle in Plastic Box.
BI-191-022	4 Blades + 1 Handle in Plastic Box.



Fiber Optic Handle



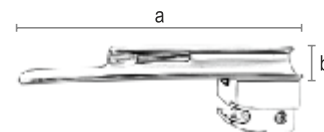
Fiber Optic (F.O.) Laryngoscope Blade INTERCHANGEABLE LIGHT CONDUCTOR

Miller Fiber Optic laryngoscope blade with 4mm F.O light conductor, up to 6500 individual micro-fibers for improved light transmission and longer life.

- Blade with Removable light conductor which is simple to remove and refit without any tool.
- Integrated Fiber optic for the best Possible Illumination.
- 303/304 type high grade Stainless Steel with Satin Finish.
- Smooth shape avoids sharp edges.
- Fully autoclavable and easier to clean.
- Compatible with all Standard Fiber optic handles.
- Fiber optic Handle with LED light.
- According to ISO 7376 Standard.

Power Source

- All our Fiber Optic handles are powered by
Standard battery handle: 2 "C" size
Pediatric battery handle: 2 "AA" size
Stubby battery handle: 2 "AA" size



Miller Fiber Optic (F.O.) Laryngoscope Blades. (Interchangeable)

Size	Blade	Length	
	Reference no.	a {mm}	b {mm}
00	BI-192-023	70	12
0	BI-192-024	78	12
1	BI-192-025	105	12
2	BI-192-026	155	13
3	BI-192-027	195	13
4	BI-192-028	204	15

Miller Fiber Optic (F.O.) Laryngoscope Sets. (Interchangeable)

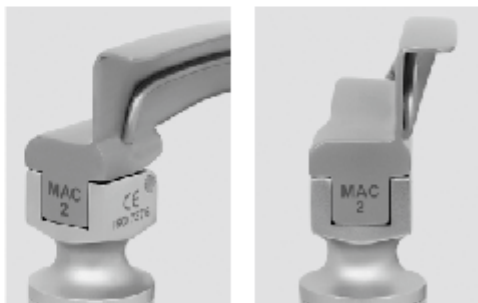
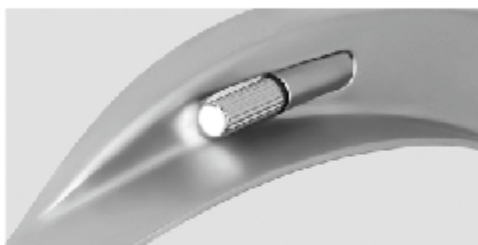
Reference no.	Description
BI-192-029	3 Blades + 1 Handle in Plastic Box.
BI-192-030	4 Blades + 1 Handle in Plastic Box.
BI-192-031	5 Blades + 1 Handle in Plastic Box.

Macintosh Conventional Laryngoscope

Macintosh Herkömmliches Laryngoskop
 Laringoscópio Convencional Macintosh
 Laringoscopia convencional Macintosh



Conventional Handle



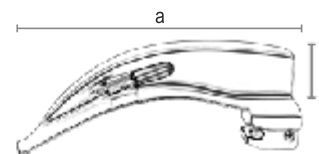
Conventional Laryngoscope Blade LED BULB

Macintosh Conventional Laryngoscope Blade with LED Bulb.
 The light bulb in the blade can easily be changed.

- Outstanding light intensity with LED illumination.
- 303/304 type high grade Stainless Steel.
- Satin finish laryngoscope blade reduces glare, ensures safer intubations
- Smooth knurled Handle provides grip without risk of tearing gloves.
- Fully autoclavable and easier to clean.
- According to ISO 7376 Standard.

Power Source

- All our Conventional handles are powered by
- Standard battery handle: 2 "C" size
- Pediatric battery handle: 2 "AA" size
- Stubby battery handle: 2 "AA" size



Macintosh Conventional Laryngoscope Blades.

Size	Blade	Length	
	Reference no.	a (mm)	b (mm)
0	BI-193-032	82	17
1	BI-193-033	95	19
2	BI-193-034	114	19
3	BI-193-035	134	22
4	BI-193-036	157	24
5	BI-193-037	177	24

Macintosh Conventional Laryngoscope Sets.

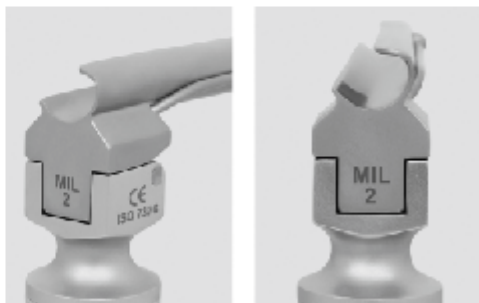
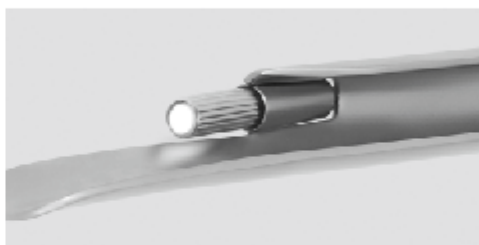
Reference no.	Description
BI-193-038	3 Blades + 1 Handle in Plastic Box.
BI-193-039	4 Blades + 1 Handle in Plastic Box.
BI-193-040	5 Blades + 1 Handle in Plastic Box.

Miller Conventional Laryngoscope

Miller Herkömmliches Laryngoskop
Laringoscópio Convencional de Miller
Laringoscópio convencional Miller



Conventional Handle



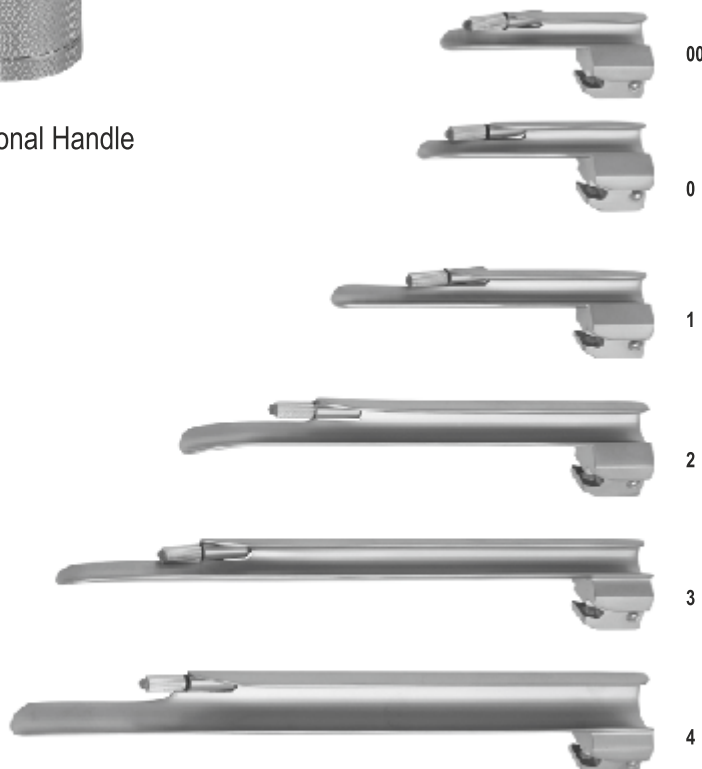
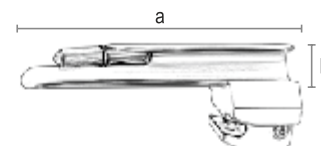
Conventional Laryngoscope Blade LED BULB

Miller Conventional Laryngoscope Blade with LED Bulb.
The light bulb in the blade can easily be changed.

- ✦ Outstanding light intensity with LED illumination.
- ✦ 303/304 type high grade Stainless Steel.
- ✦ Satin finish laryngoscope blade reduces glare, ensures safer intubations
- ✦ Smooth knurled Handle provides grip without risk of tearing gloves.
- ✦ Fully autoclavable and easier to clean.
- ✦ According to ISO 7376 Standard.

Power Source

- ✦ All our Conventional handles are powered by
- Standard battery handle: 2 "C" size
- Pediatric battery handle: 2 "AA" size
- Stubby battery handle: 2 "AA" size



Miller Conventional Laryngoscope Blades.

Size	Blade	Length	
	Reference no.	a (mm)	b (mm)
00	BI-194-041	70	12
0	BI-194-042	78	12
1	BI-194-043	105	12
2	BI-194-044	155	13
3	BI-194-045	195	13
4	BI-194-046	204	15

Miller Conventional Laryngoscope Sets.

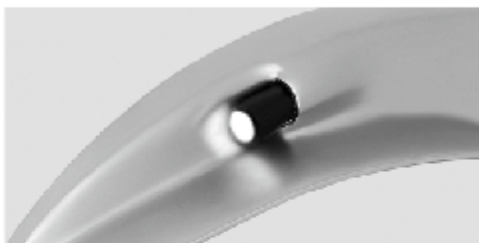
Reference no.	Description
BI-194-047	3 Blades + 1 Handle in Plastic Box.
BI-194-048	4 Blades + 1 Handle in Plastic Box.
BI-194-049	5 Blades + 1 Handle in Plastic Box.

Macintosh Disposable Fiber Optic (F.O.) Laryngoscope

Macintosh Einweg-Glasfaserkabel (F.O.) Laryngoskop
 Laringoscópio de Fibra Óptica Descartável Macintosh (F.O.)
 Laringoscópio de fibra óptica desechable Macintosh (F.O.)



Disposable
Fiber Optic Handle



Fiber Optic (F.O.) Laryngoscope Blade

BLACK JACKET LIT LIGHT

Plastic Heel

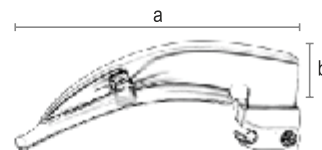
Disposable Macintosh Laryngoscope blade with 4 mm plastic end lit Fiber Optic, it is processed from plastic Fiber Optic. We coat a plastic PVC jacket to protect inner fiber, working well keep it longer life and get more brightness black jacketed from Illuminator.

- :- Blade made of 304 type non-magnet stainless steel with plastic heel.
- :- Smooth shape avoids sharp edges and cavities.
- :- Integrated Fiber Optics for the best possible illumination.
- :- Compatible with all standard Fiber Optic handles.
- :- Disposable fiber Optic handle, made of silver, with LED light.
- :- According to ISO 7376 standard.

Power Source

- :- Watch-size lithium batteries are pre-installed for quick single use, and are easily removed for separate disposal. These Fiber Optic disposable handles will illuminate blades for up to 5 hours.

Available Colors: Blue, Yellow, Black, Green



Macintosh Disposable Fiber Optic (F.O.) Laryngoscope Blade.

Size	Blade	Length	
		a {mm}	b {mm}
1	BI-195-050	102	18
2	BI-195-051	115	18
3	BI-195-052	137	21
4	BI-195-053	157	21

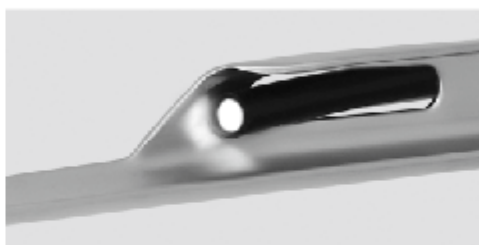
Macintosh Disposable Fiber Optic (F.O.) Laryngoscope Sets.

Reference no.	Description
BI-195-054	2 Blades + 1 Handle in Plastic Box.
BI-195-055	3 Blades + 1 Handle in Plastic Box.
BI-195-056	4 Blades + 1 Handle in Plastic Box.

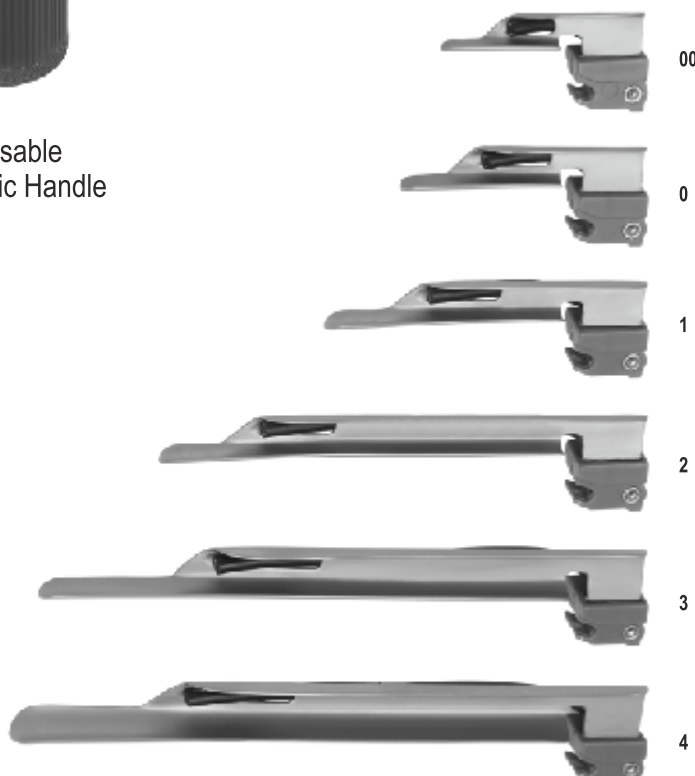


Miller Disposable Fiber Optic (F.O.) Laryngoscope

Miller Einweg-Glasfaserkabel (F.O.) Laryngoskop
Laringoscópio de Fibra Óptica Descartável Miller (F.O.)
Laringoscópio Desechable de Fibra Óptica Miller (F.O.)



Disposable
Fiber Optic Handle



Fiber Optic (F.O.) Laryngoscope Blade BLACK JACKET LIT LIGHT Plastic Heel

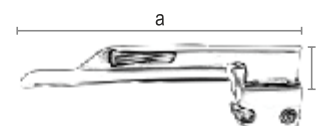
Disposable Miller Laryngoscope blade with 4 mm plastic end lit Fiber Optic, it is processed from plastic Fiber Optic. We coat a plastic PVC jacket to protect inner fiber, working well keep it longer life and get more brightness black jacketed from Illuminator.

- Blade made of 304 type non-magnet stainless steel with plastic heel.
- Smooth shape avoids sharp edges and cavities.
- Integrated Fiber Optics for the best possible illumination.
- Compatible with all standard Fiber Optic handles.
- Disposable fiber Optic handle, made of silver, with LED light.
- According to ISO 7376 standard.

Power Source

- Watch-size lithium batteries are pre-installed for quick single use, and are easily removed for separate disposal. These Fiber Optic disposable handles will illuminate blades for up to 5 hours.

Available Colors: Blue, Yellow, Black, Green



Miller Disposable Fiber Optic (F.O.) Laryngoscope Blade.

Size	Blade	Length	
		a (mm)	b (mm)
00	BI-196-057	66	11
0	BI-196-058	76	11
1	BI-196-059	104	11
2	BI-196-060	155	14
3	BI-196-061	195	14
4	BI-196-062	205	14

Miller Disposable Fiber Optic (F.O.) Laryngoscope Sets.

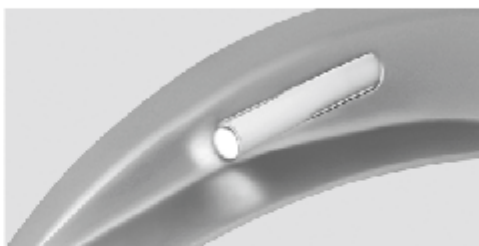
Reference no.	Description
BI-196-063	3 Blades + 1 Handle in Plastic Box.
BI-196-064	4 Blades + 1 Handle in Plastic Box.
BI-196-065	5 Blades + 1 Handle in Plastic Box.

Disposable Fiber Optic (F.O.) Laryngoscope

Einweg-Glasfaserkabel (F.O.) Laryngoskop
 Laringoscópio de Fibra Óptica Descartável (F.O.)
 Laringoscopia desechable de fibra óptica (F.O.)



Disposable
Fiber Optic Handle



Disposable Fiber Optic (F.O.) Laryngoscope Blade F.O ACRYLIC ROD

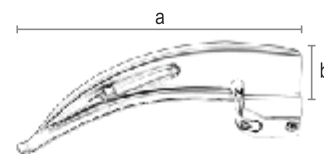
Silver Heel

Macintosh Single-Use Fiber Optic Blade with 5mm diameter acrylic rod for improved light transmission.

- Blade made of 304 type non-magnet stainless steel with silver heel.
- Smooth shape avoids sharp edges and cavities.
- Fiber Optic handle, made of silver, with LED light.
- Compatible with all standard Fiber Optic handles.
- According to ISO 7376 standard.

Power Source

- Watch-size lithium batteries are pre-installed for quick single use, and are easily removed for separate disposal. These Fiber Optic disposable handles will illuminate blades for up to 5 hours.



Macintosh Disposable Fiber Optic (F.O.) Laryngoscope Blade.

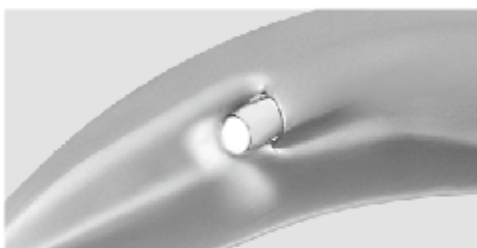
Size	Blade	Length	
		a {mm}	b {mm}
1	BI-197-066	102	18
2	BI-197-067	115	18
3	BI-197-068	137	21
4	BI-197-069	157	21

Macintosh Disposable Fiber Optic (F.O.) Laryngoscope Sets.

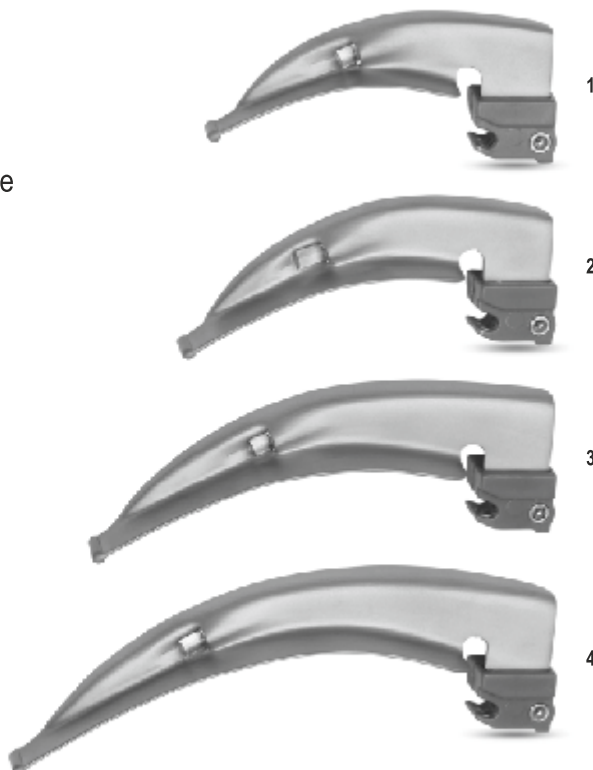
Reference no.	Description
BI-197-070	2 Blades + 1 Handle in Plastic Box.
BI-197-071	3 Blades + 1 Handle in Plastic Box.
BI-197-072	4 Blades + 1 Handle in Plastic Box.

Disposable Fiber Optic (F.O.) Laryngoscope

Einweg-Glasfaser (F.O.) Laryngoskop
fibra óptica descartável (F.O.) Laringoscópio
Laringoscópio desechable de fibra óptica (F.O.)



Disposable
Fiber Optic Handle



Disposable Fiber Optic (F.O.) Laryngoscope Blade F.O ACRYLIC ROD

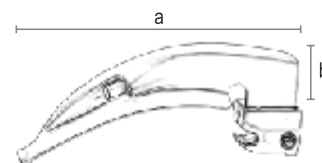
Plastic Heel

Macintosh Single-Use Fiber Optic Blade with 5mm diameter acrylic rod for improved light transmission.

- Blade made of 304 type non-magnet stainless steel with plastic heel.
- Smooth shape avoids sharp edges and cavities.
- Fiber Optic handle, made of silver, with LED light.
- Compatible with all standard Fiber Optic handles.
- According to ISO 7376 standard.

Power Source

- Watch-size lithium batteries are pre-installed for quick single use, and are easily removed for separate disposal. These Fiber Optic disposable handles will illuminate blades for up to 5 hours.



Macintosh Disposable Fiber Optic (F.O.) Laryngoscope Blade.

Size	Blade	Length	
		a {mm}	b {mm}
1	BI-198-073	102	18
2	BI-198-074	115	18
3	BI-198-075	137	21
4	BI-198-076	157	21

Macintosh Disposable Fiber Optic (F.O.) Laryngoscope Sets.

Reference no.	Description
BI-198-077	2 Blades + 1 Handle in Plastic Box.
BI-198-078	3 Blades + 1 Handle in Plastic Box.
BI-198-079	4 Blades + 1 Handle in Plastic Box.



Fiber Optic (F.O.) Laryngoscope Handles

- ✦ Complies with ISO 7376 Green standard.
- ✦ Premium Handles & LED lamp have a lifetime warranty.
- ✦ Low power use prolongs battery life.
- ✦ Cool, white illumination improves view of larynx.
- ✦ Knurled Finish for secure & positive grip.
- ✦ Batteries not included.

Fiber Optic Laryngoscope Handles

Reference no.	Size	Batteries
BI-199-080	Large	2 x " D "
BI-199-081	Medium/Standard	2 x " C "
BI-199-082	Small/Pen light	2 x " AA "
BI-199-083	Stubby	2 x " AA "
BI-199-084	Micro	Lithium 123

Conventional Laryngoscope Handles

Herkömmliche Laryngoskopgriffe

Pegas de laringoscópio convencionais

Mangos de laringoscópio convencionales



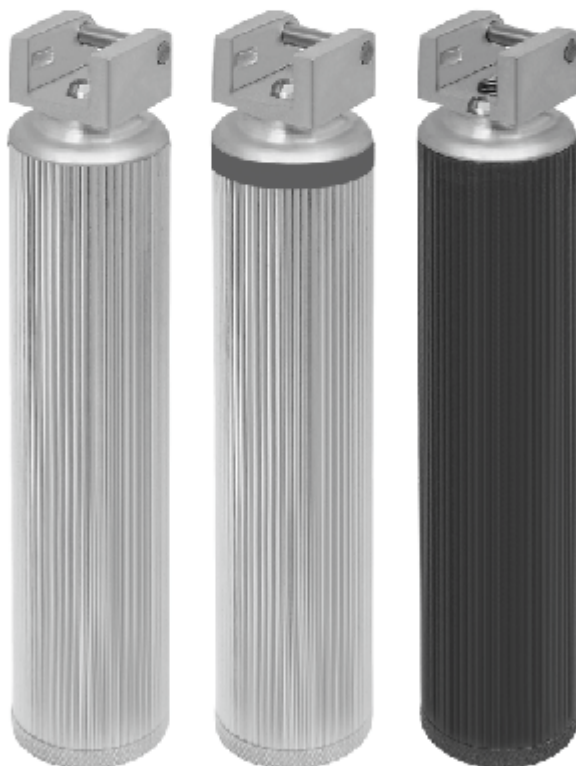
Conventional Laryngoscope Handles

- ✦ Complies with ISO 7376 Green standard.
- ✦ Premium Handles have a lifetime warranty.
- ✦ Low power use prolongs battery life.
- ✦ Cool, white illumination improves view of larynx.
- ✦ Knurled Finish for secure & positive grip.
- ✦ Batteries not included.

Conventional Laryngoscope Handles

Reference no.	Size	Batteries
BI-200-085	Large	2 x " D "
BI-200-086	Medium/Standard	2 x " C "
BI-200-087	Small/Pen light	2 x " AA "
BI-200-088	Stubby	2 x " AA "
BI-200-089	Micro	Lithium 123

Fiber Optic



Conventional



Disposable Fiber Optic (F.O.) Laryngoscope Handles

- Made of silver, available with & without powder coating.
- With LED bulb.
- Low power use prolongs battery life.
- Cool, white illumination improves view of larynx.
- Knurled Finish for secure & positive grip.
- Batteries not included.
- Complies with ISO 7376 Green standard.

Disposable Fiber Optic Laryngoscope Handles

Reference no.	Size	Batteries
BI-201-090	Standard	3 X Lithium " 123 "
BI-201-091	Standard	3 X Lithium " 123 "
BI-201-092	Standard	3 X Lithium " 123 "

Disposable Conventional Laryngoscope Handles

- Made of silver, available with & without powder coating.
- Low power use prolongs battery life.
- Knurled Finish for secure & positive grip.
- Batteries not included.
- Complies with ISO 7376 Green standard.

Disposable Conventional Laryngoscope Handles

Reference no.	Size	Batteries
BI-201-093	Standard	2 X Lithium " 123 "
BI-201-094	Standard	2 X Lithium " 123 "
BI-201-095	Standard	2 X Lithium " 123 "

Available Colors: Blue, Yellow, Black, Green

Catheter Introducing Forceps

Katheter, der Pinzetten vorstellt
Fórcps de introdução de cateter
Catéter que introduce fórceps



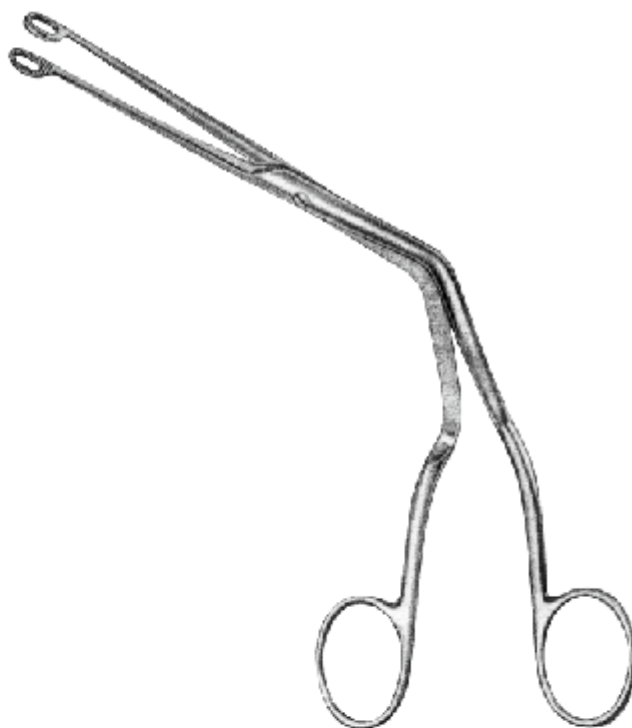
BI-202-096
15.5 cm
For babies



BI-202-097
15.5 cm
For children



BI-202-098
20 cm
For adults



Magil
BI-202-096 - BI-202-098



Suture

Naht

Sutura

Sutura

Page 203-227

Micro Needle Holders

Micro Nadelhalter
Suportes Micro Agulha
Micro Needle Holders

SUTURE

11



7-0 - 12-0



1/2

BI-203-001 - BI-203-004



15 cm	St	BI-203-001	BI-203-002	BI-203-003	BI-203-004
0.30 mm		With ratchet	With ratchet	W/o ratchet	W/o ratchet



7-0 - 12-0



1/2

Castroviejo
BI-203-005 - BI-203-008



15 cm	St	BI-203-005	BI-203-006	BI-203-007	BI-203-008
0.30 mm		With ratchet	With ratchet	W/o ratchet	W/o ratchet

Micro Needle Holders

Micro Nadelhalter
Suportes Micro Agulha
Micro Needle Holders



7-0 - 12-0



18 cm	St	BI-204-009	BI-204-010	BI-204-011	BI-204-012
0.40 mm		With ratchet	With ratchet	W/o ratchet	W/o ratchet



1/2

Castroviejo
BI-204-009 - BI-204-012



7-0 - 12-0



15 cm	St	BI-204-013	BI-204-014	BI-204-015	BI-204-016
15 cm	Ti	BI-204-017	BI-204-018	BI-204-019	BI-204-020
18 cm	St	BI-204-021	BI-204-022	BI-204-023	BI-204-024
18 cm	Ti	BI-204-025	BI-204-026	BI-204-027	BI-204-028
0.40 mm		With ratchet	With ratchet	W/o ratchet	W/o ratchet



1/2

BI-204-013 - BI-204-028

Micro Needle Holders

Micro Nadelhalter
Suportes Micro Agulha
Micro Needle Holders



7-0 - 12-0



15 cm	St	BI-205-029	BI-205-030	BI-205-031	BI-205-032
15 cm	Ti	BI-205-033	BI-205-034	BI-205-035	BI-205-036
18 cm	St	BI-205-037	BI-205-038	BI-205-039	BI-205-040
18 cm	Ti	BI-205-041	BI-205-042	BI-205-043	BI-205-044
21 cm	St	BI-205-045	BI-205-046	BI-205-047	BI-205-048
21 cm	Ti	BI-205-049	BI-205-050	BI-205-051	BI-205-052
23 cm	St	BI-205-053	BI-205-054	BI-205-055	BI-205-056
Ø 0.80 mm		With ratchet	With ratchet	W/o ratchet	W/o ratchet



1/2

BI-205-029 - BI-205-056



1/2

Kalt
BI-205-057
13.5 cm



BI-205-058
10.5 cm



BI-205-059
10.5 cm



1/2

Barraquer-Troutman
BI-205-058 - BI-205-059
10.5 cm



BI-205-060
13.5 cm



BI-205-061
13.5 cm



1/2

Arruga
BI-205-060 - BI-205-061



Barraquer-Troutman
BI-206-062 - BI-206-065



BI-206-062	BI-206-063	BI-206-064	BI-206-065
10.5 cm	11.5 cm	10.5 cm	11.5 cm

1/2

Barraquer
BI-206-066 - BI-206-070



BI-206-066	BI-206-067	BI-206-068	BI-206-069	BI-206-070
11.5 cm	11.5 cm	13.5 cm	14 cm	14 cm
W/o ratchet	W/o ratchet	W/o ratchet	With ratchet	W/o ratchet

1/2

Micro Needle Holders

Micro Nadelhalter
Suportes Micro Agulha
Micro Needle Holders

SUTURE

11



Barraquer
BI-207-071
13.5 cm



Castroviejo-Fine
BI-207-072
13 cm



Castroviejo-Fine
BI-207-073
13 cm
Very delicate jaw, with lock



Castroviejo-Fine
BI-207-074
13 cm
Very delicate jaw, with lock



Castroviejo
BI-207-075 - BI-207-076
with lock



BI-207-075
14.5 cm



BI-207-076
14.5 cm



Castroviejo
BI-207-077 - BI-207-078



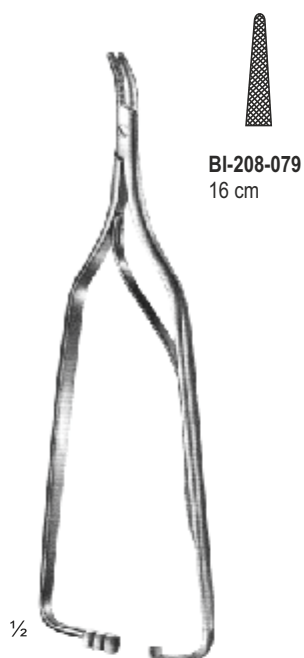
BI-207-077
14.5 cm



BI-207-078
14.5 cm

Micro Needle Holders, Needle Holders

Micro Nadelhalter, Nadelhalter
Micro porta-agulhas, porta-agulhas
Micro Needle Holders, Needle Holders

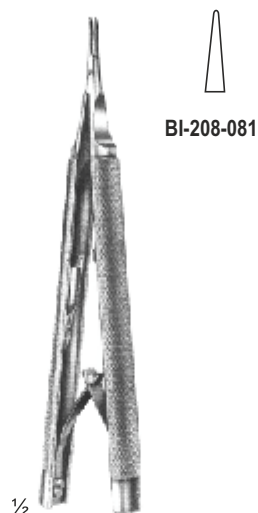


BI-208-079
16 cm

Arruga
BI-208-079 - BI-208-080
Needle holder



BI-208-080
16 cm



BI-208-081

Castroviejo
BI-208-081
12 cm
with lock



BI-208-082

Castroviejo
BI-208-082
12 cm
with lock



BI-208-083
14.5 cm

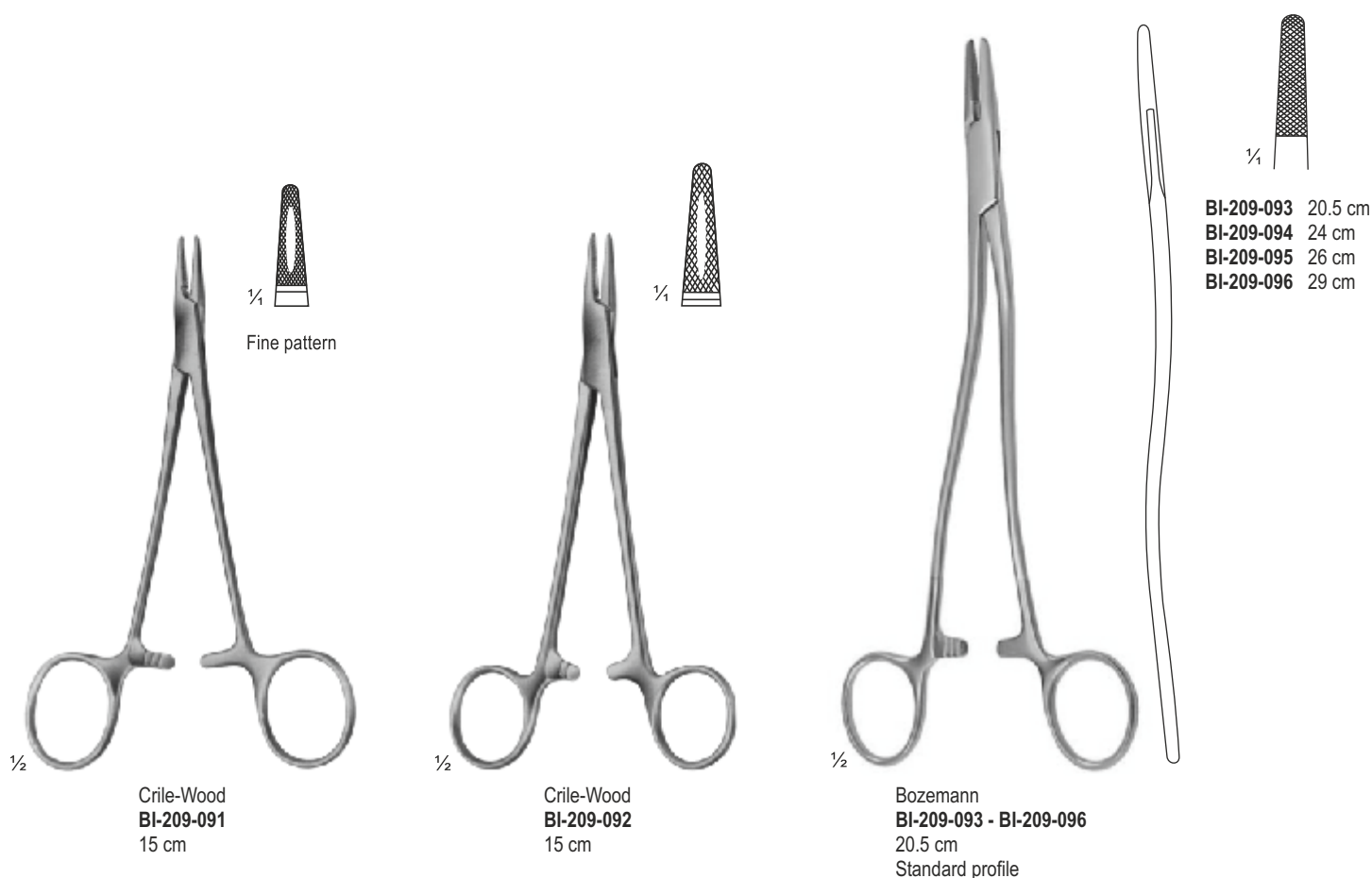
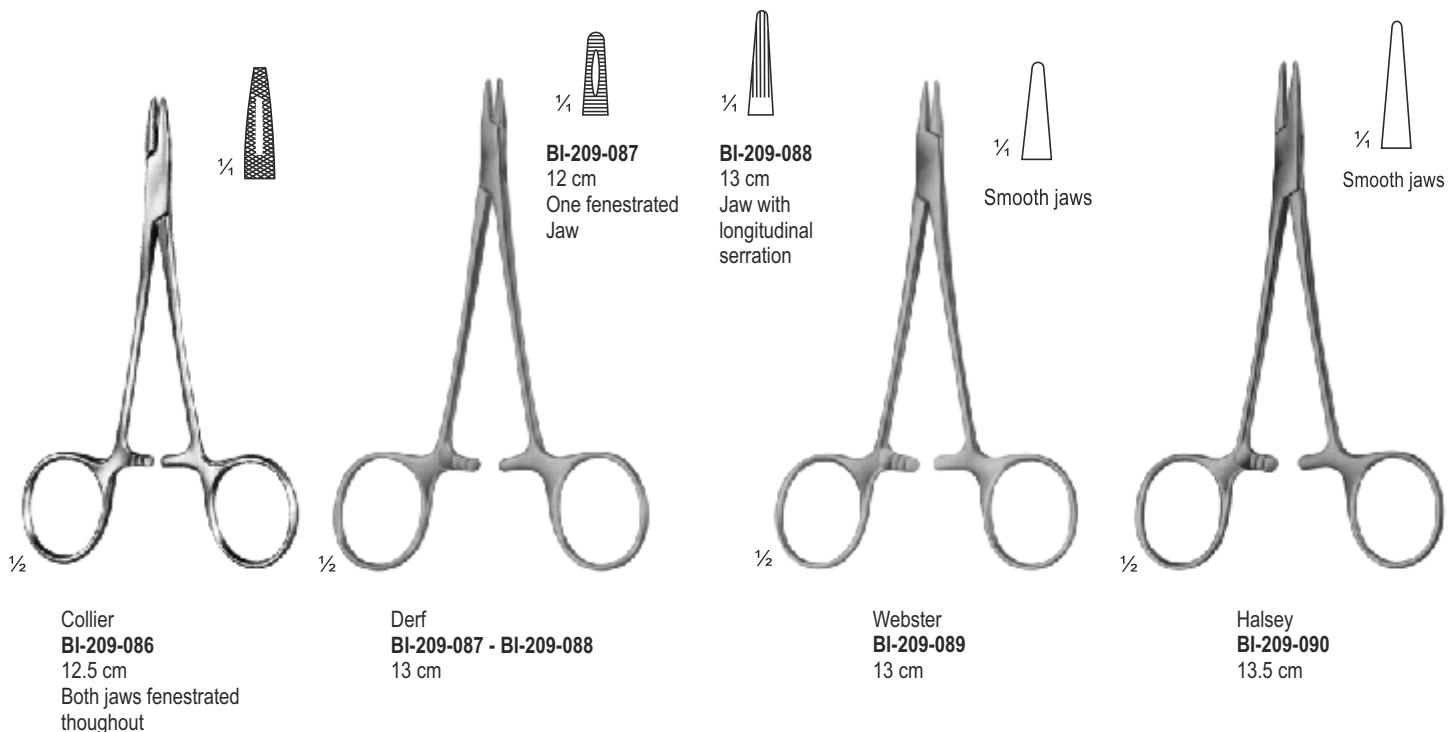
Castroviejo
BI-208-083 - BI-208-084
with lock

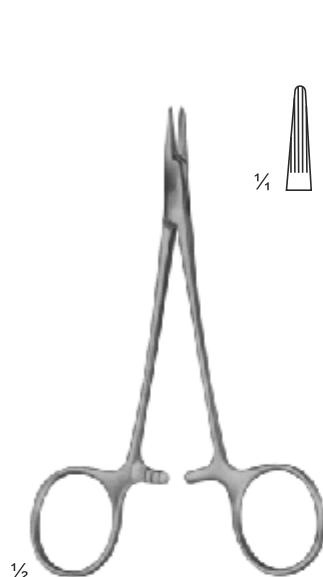


BI-208-084
14.5 cm



Castroviejo
BI-208-085
14.5 cm





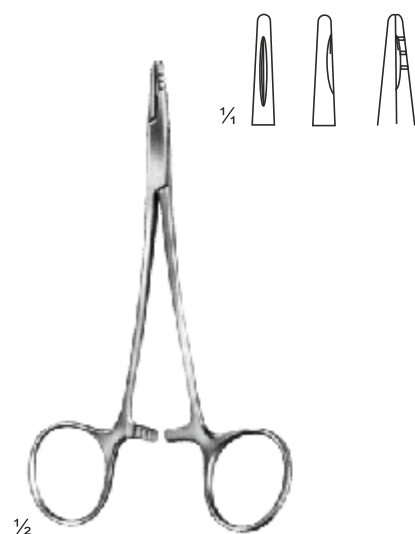
Converse
BI-210-097
12.5 cm



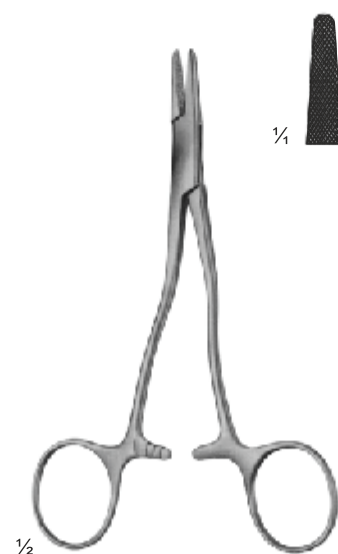
Hegar-Baumgartner
BI-210-098
14 cm



Crile-Murray
BI-210-099
15 cm
Slender pattern



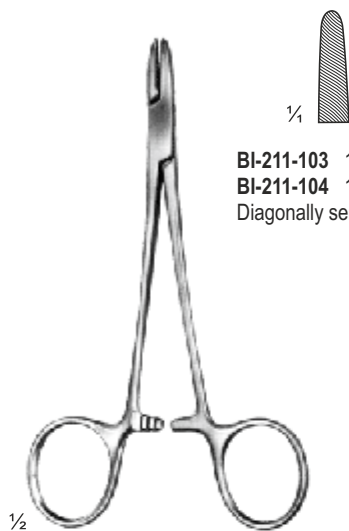
Neivert
BI-210-100
12.5 cm
Smooth jaw, special groove



Kilner
BI-210-101
13.5 cm

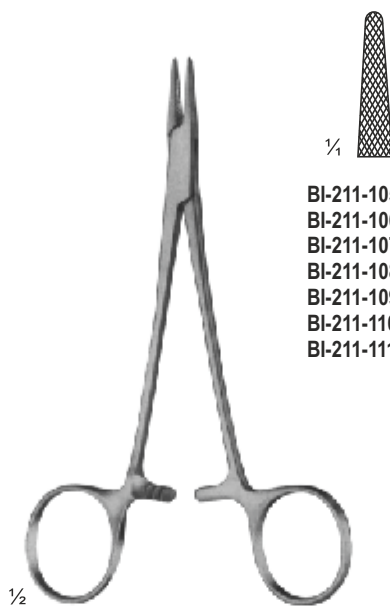


Adson
BI-210-102
18.5 cm
One fenestrated jaw



BI-211-103 13 cm
BI-211-104 18 cm
Diagonally serrated jaw

Brown
BI-211-103 - BI-211-104
Heavy Pattern



BI-211-105 14 cm
BI-211-106 16 cm
BI-211-107 18 cm
BI-211-108 20 cm
BI-211-109 24 cm
BI-211-110 26 cm
BI-211-111 30 cm

Mayo-Hegar
BI-211-105 - BI-211-111



BI-211-112 16 cm
BI-211-113 19 cm
BI-211-114 20.5 cm

Mayo-Hegar
BI-211-112 - BI-211-114
16 cm
Slender patterns



M. G. Hospital
BI-211-115
18 cm
Heavy patterns



Metzenbaum
BI-211-116
18.5 cm
One grooved and fenestrated jaw



Heaney
BI-211-117
20.5 cm



1/4

1/2

Jameson
BI-212-118
23 cm



1/4

1/2

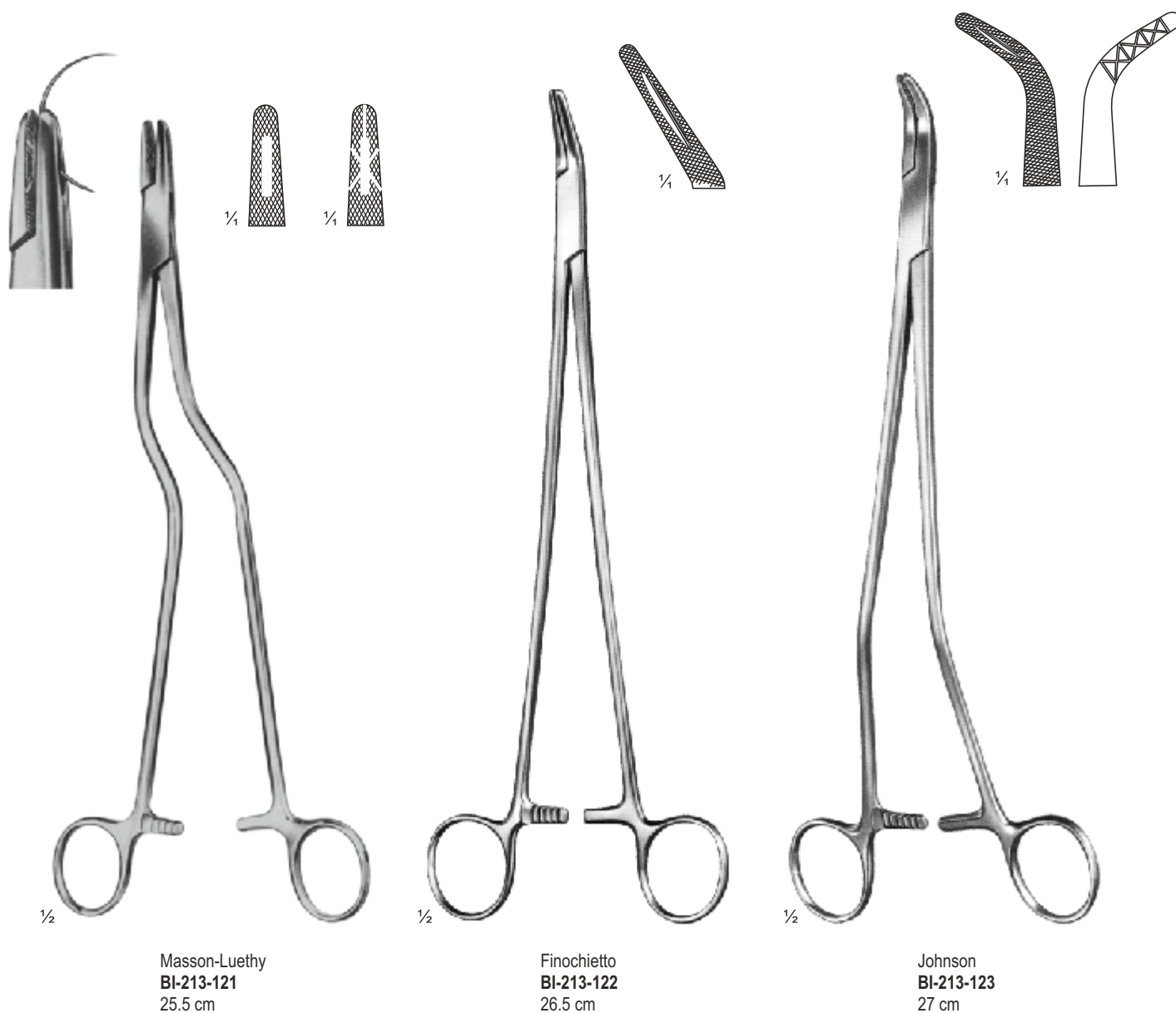
Wangensteen
BI-212-119
26.5 cm

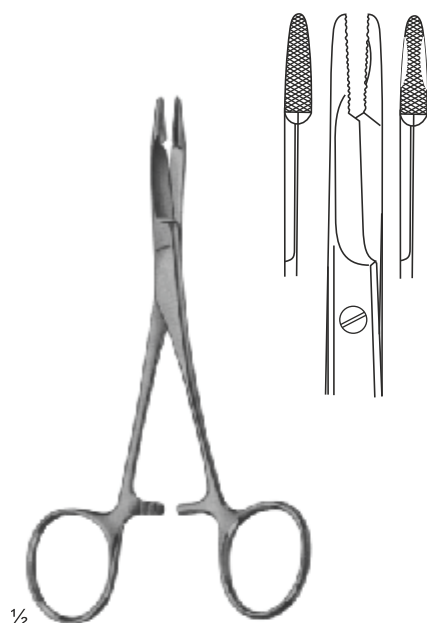


1/4

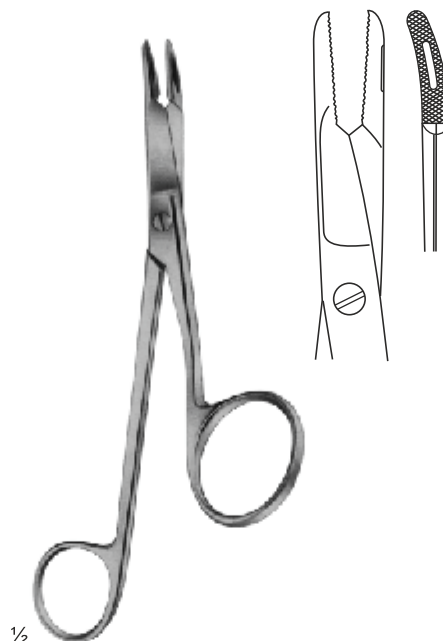
1/2

Masson
BI-212-120
26.5 cm
Heavy patterns

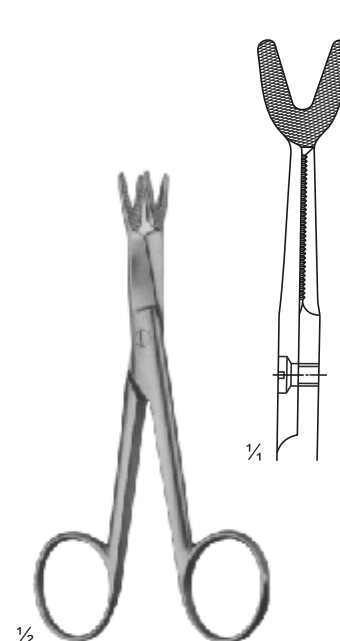




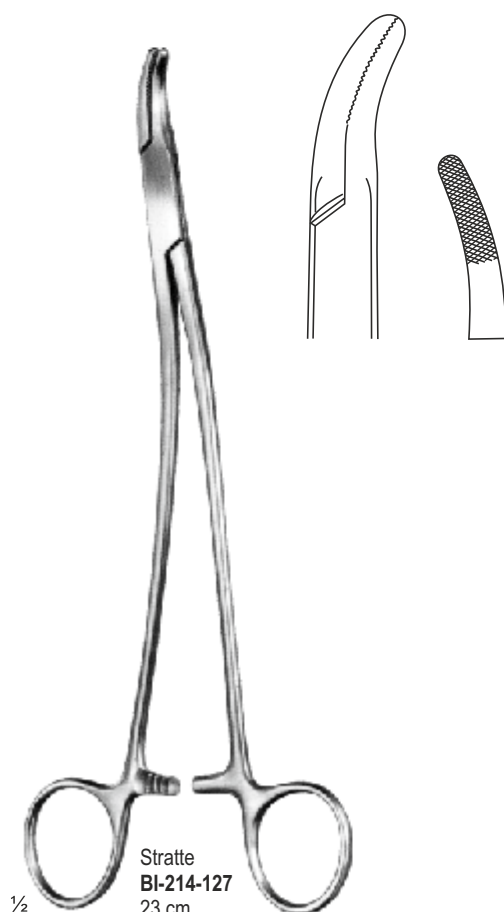
Olsen-Hegar
BI-214-124
14 cm



Gillies
BI-214-125
16 cm



Schoemaker-Loth
BI-214-126
12.5 cm



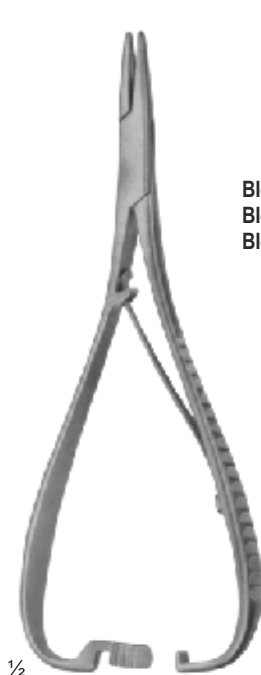
Stratte
BI-214-127
23 cm



Toennis
BI-214-128
18.5 cm



Crile
BI-214-129
15 cm



BI-215-130 14 cm
BI-215-131 17 cm
BI-215-132 20 cm

Mathieu
BI-215-130 - BI-215-132
17 cm



BI-215-133 14 cm
BI-215-134 17 cm

Mathieu-Stille
BI-215-133 - BI-215-134
17 cm
Slender pattern



Boynton
BI-215-135
12.5 cm



Eiselsberg-Mathieu
BI-215-136
19.5 cm
For palate suture



Lichtenberg
BI-215-137
20 cm

Micro Needle Holders, Needle Holders

Micro Nadelhalter, Nadelhalter
Micro porta-agulhas, porta-agulhas
Micro Needle Holders, Needle Holders



Lichtenberg
BI-216-138
16 cm
Smooth jaw



BI-216-140 - BI-216-142
Smooth jaw



BI-216-140
23 cm



BI-216-141
23 cm



BI-216-142
19 cm



Rhoton-Type
BI-216-143 - BI-216-144
Needle holder



BI-216-143
21 cm



BI-216-144
23 cm



BI-216-145 - BI-216-150



BI-216-145
20 cm
BI-216-146
22 cm



BI-216-147
16.5 cm
BI-216-148
20 cm
BI-216-149
22 cm
BI-216-150
24.5 cm

TC GOLD



Hepp-Scheidel
BI-216-151
18.5 cm
Smooth jaw



6-0 - 12-0



Webster
BI-216-152
13 cm
Mini profile
with automatic release
ratchet also for lefthanders



Crile-Wood
BI-216-153
15 cm



4-0 - 6-0

BI-216-152 - BI-216-153
Needle Holder

Micro Needle Holders

Micro Nadelhalter
Suportes Micro Agulha
Micro Needle Holders



BI-217-154
14.5 cm
Micro profile



BI-217-155
18 cm
Micro profile



BI-217-156
22 cm
Micro profile



BI-217-157
14.5 cm
Smooth jaw



BI-217-158
14.5 cm
Micro profile



BI-217-159
18 cm
Micro profile



BI-217-160
22 cm
Micro profile



BI-217-161
14.5 cm
Smooth jaw



1/2

Castroviejo
BI-217-154 - BI-217-161



BI-217-162
Mini profile



BI-217-163
Mini profile

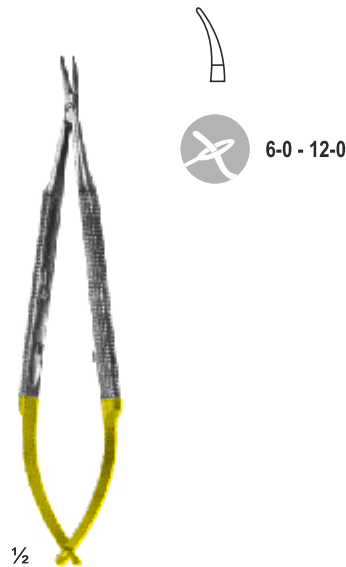


1/2

Arruga
BI-217-162 - BI-217-163
16 cm



Castroviejo
BI-218-164
12 cm
Micro needle holder
with lock, smooth jaw



Barraquer
BI-218-165
13 cm
Micro needle holder
with lock, smooth jaw



Barraquer
BI-218-166
13 cm
Micro needle holder
smooth jaw



Webster
BI-218-167
13 cm
Smooth jaw



Kilner
BI-218-168
14.5 cm
Mini profile



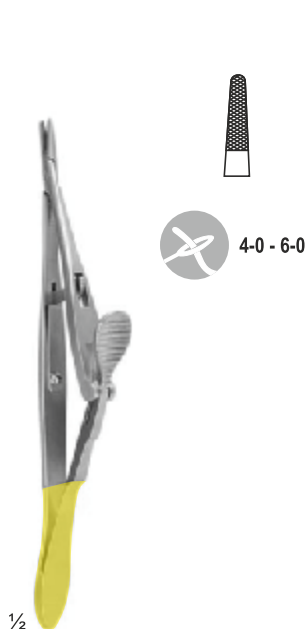
Derf
BI-218-169
12 cm
Mini profile

Micro Needle Holders T.C.

Mikro-Nadelhalter T.C.

Suportes de Micro Agulhas T.C.

Micro Needle Holders T.C.



Kalt
BI-219-170
13.5 cm



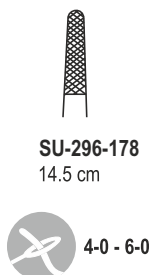
Diethrich Ryder
SU-296-171 - SU-296-175
SU-296-171 16 cm
SU-296-172 18 cm
SU-296-173 20 cm
SU-296-174 23 cm
SU-296-175 26 cm



Webster
SU-296-176
12 cm
Smooth jaw



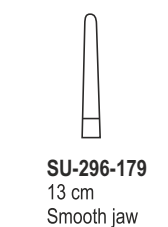
Hegar-Baumgartner
SU-296-177 - SU-296-178
14.5 cm
Mini profile



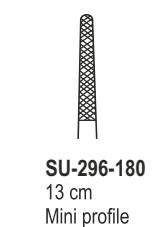
SU-296-178
14.5 cm



Halsey
SU-296-179 - SU-296-180
13 cm



SU-296-179
13 cm
Smooth jaw



SU-296-180
13 cm
Mini profile



BI-220-181 18 cm
BI-220-182 20 cm
BI-220-183 23 cm
BI-220-184 26 cm
BI-220-185 31 cm



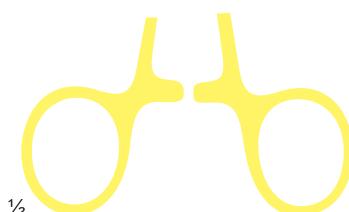
4-0 - 6-0



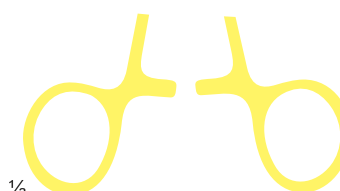
BI-220-186 15 cm
BI-220-187 20 cm



4-0 - 6-0



DeBakey
BI-220-181 - BI-220-185
18 cm
Slender pattern, mini profile



Crile-Wood
BI-220-186 - BI-220-187
15 cm
Mini profile



BI-220-188 18 cm
BI-220-189 20 cm
BI-220-190 26 cm



4-0 - 6-0



BI-220-191 16 cm
BI-220-192 18.5 cm
BI-220-193 20 cm
BI-220-194 24 cm
BI-220-195 26 cm
BI-220-196 30 cm



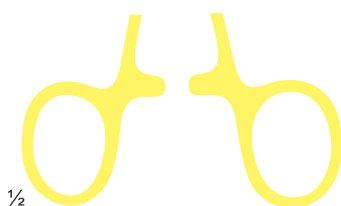
4-0 - 6-0



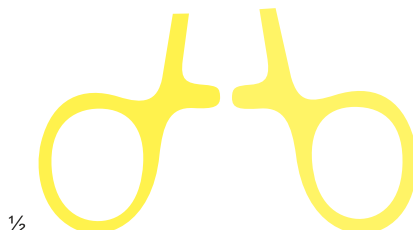
BI-220-197 20.5 cm
BI-220-198 24 cm
BI-220-199 26.5 cm



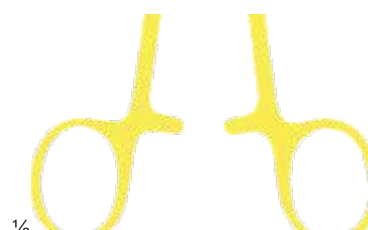
4-0 - 6-0



Sarot
BI-220-188 - BI-220-190
18 cm
Standard profile



Mayo-Hegar
BI-220-191 - BI-220-196
18 cm
Standard profile



Heaney
BI-220-197 - BI-220-199
20.5 cm
Standard profile



BI-221-200 14 cm
BI-221-201 18 cm
BI-221-202 20 cm
BI-221-203 23 cm



Mayo-Hegar (Heaney)
BI-221-200 - BI-221-203
23 cm



BI-221-204 20 cm
BI-221-205 24 cm
BI-221-206 26 cm



Mayo-Hegar (Heaney)
BI-221-204 - BI-221-206
26 cm



Masson
BI-221-207
26.5 cm
Standard profile



BI-222-208 13 cm
BI-222-209 15 cm
BI-222-210 18 cm
BI-222-211 20 cm
BI-222-212 23 cm
BI-222-213 26 cm



4-0 - 6-0



1/2

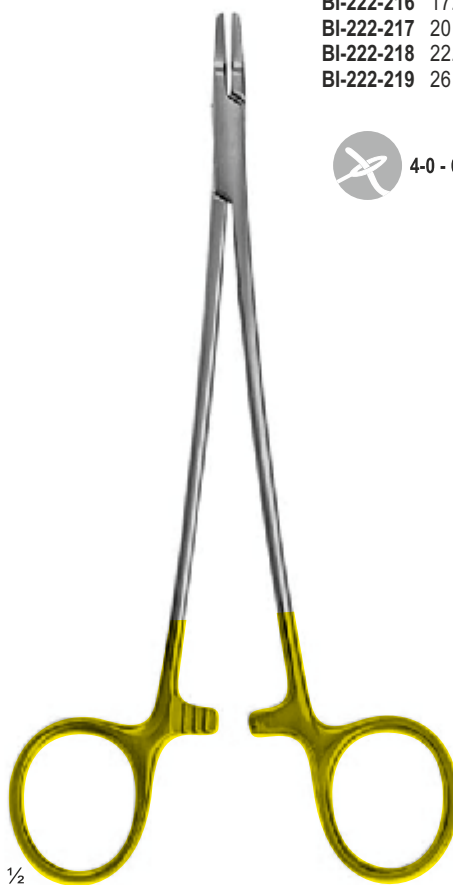
Ryder
BI-222-208 - BI-222-213
23 cm
Standard profile



BI-222-214 10 cm
BI-222-215 15.5 cm
BI-222-216 17.5 cm
BI-222-217 20 cm
BI-222-218 22.5 cm
BI-222-219 26 cm



4-0 - 6-0



1/2

Ryder-Vascular
BI-222-214 - BI-222-219
23 cm
Micro profile, delicate pattern



BI-222-220 14 cm
BI-222-221 18.5 cm
BI-222-222 20.5 cm
BI-222-223 23 cm



4-0 - 6-0



1/2

Hegar-Vascular
BI-222-220 - BI-222-223
23 cm
Micro profile

Needle Holders T.C.

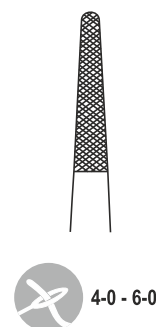
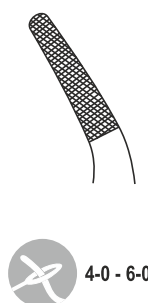
Nadelhalter T.C.

Suportes de Agulhas T.C.

Needle Holders T.C.



BI-223-224 15 cm
BI-223-225 17 cm
BI-223-226 20 cm



Schwedisches Modell
BI-223-224 - BI-223-226
20 cm

Finochietto
BI-223-227
27 cm
Standard profile

Wangenstein
BI-223-228
27 cm
Standard profile



BI-224-229
For sternum Suture
15 cm



4-0 - 6-0

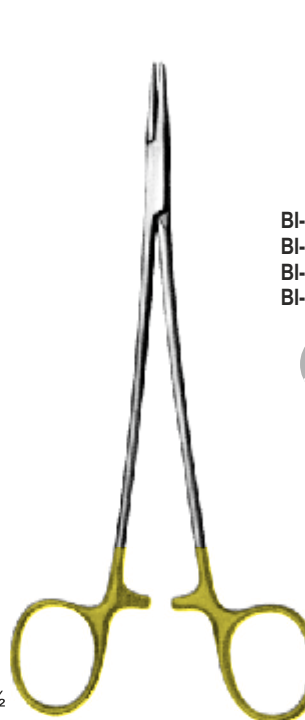
Barry Sternal
BI-224-229 - BI-224-230
20 cm



BI-224-230
Wire twister
20 cm



4-0 - 6-0

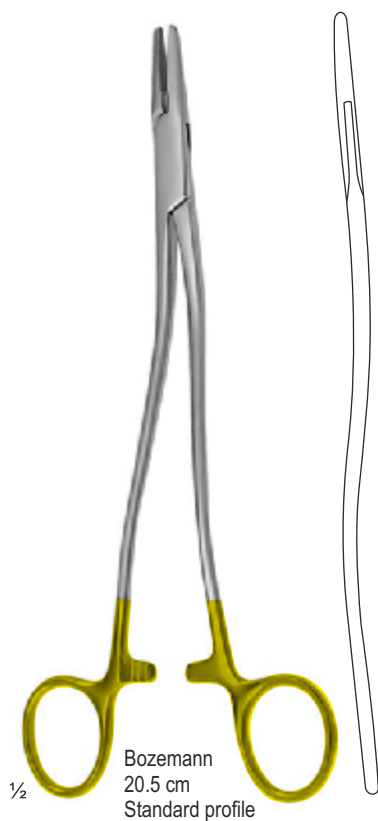


BI-224-231 14 cm
BI-224-232 17.5 cm
BI-224-233 20 cm
BI-224-234 23 cm



5-0 - 8-0

Barry Sternal
BI-224-231 - BI-224-234
17.5 cm
Micro profile, delicate pattern

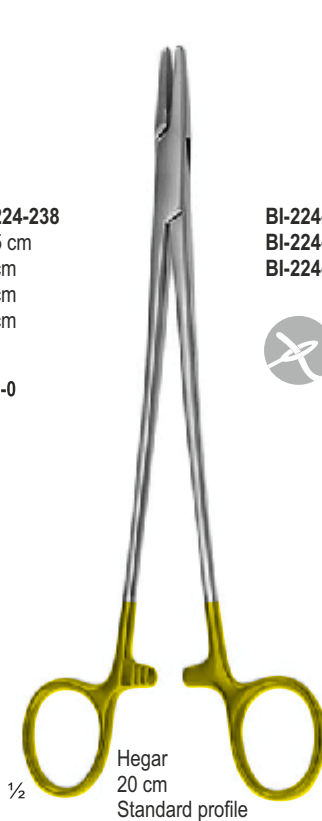


BI-224-235 - BI-224-238
BI-224-235 20.5 cm
BI-224-236 24 cm
BI-224-237 26 cm
BI-224-238 29 cm



4-0 - 6-0

Bozemann
20.5 cm
Standard profile

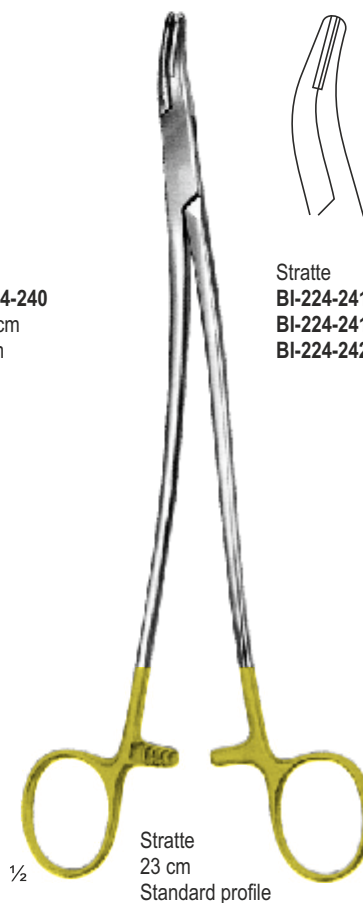


BI-224-239 - BI-224-240
BI-224-239 20.5 cm
BI-224-240 24 cm



4-0 - 6-0

Hegar
20 cm
Standard profile



Stratte
BI-224-241 - BI-224-242
BI-224-241 22 cm
BI-224-242 23 cm

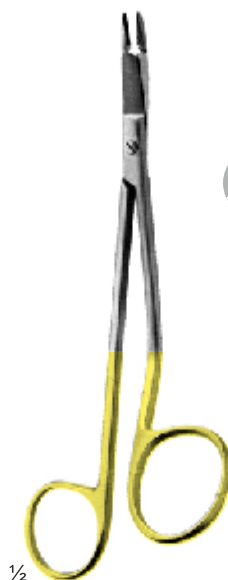
Stratte
23 cm
Standard profile

Needle Holders T.C.

Nadelhalter T.C.
Suportes de Agulhas T.C.
Needle Holders T.C.



Foster-Gillies
BI-225-243
11 cm
Smooth jaw



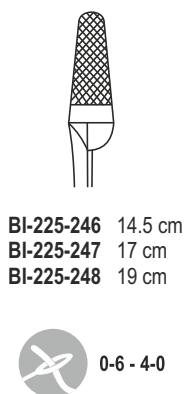
Gillies-Mini
BI-225-244
15 cm
Mini profile



Gillies
BI-225-245
16 cm
Standard profile



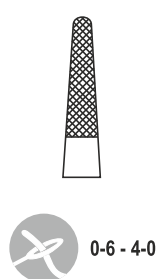
Olsen-Hegar
BI-225-248 - BI-225-248
17 cm
Standard profile



BI-225-246 14.5 cm
BI-225-247 17 cm
BI-225-248 19 cm



Toennis
BI-225-249
17 cm
Standard profile



BI-225-250 18.5 cm
BI-225-251 20.5 cm
BI-225-252 23 cm



Langenbeck
BI-225-250 - BI-225-252
18.5 cm
Standard profile



BI-226-253 14 cm
BI-226-254 17 cm
BI-226-255 20 cm



0-6 - 4-0

Mathieu
BI-226-253 - BI-226-255
14 cm
Standard profile



BI-226-256 14 cm
BI-226-257 17 cm
BI-226-258 20 cm



0-6 - 4-0

Mathieu
BI-226-256 - BI-226-258
17 cm
Standard profile



BI-226-259 17 cm
BI-226-260 20 cm
BI-226-261 23 cm



0-6 - 4-0

Mathieu
BI-226-259 - BI-226-261
20 cm
Standard profile, with interior ratchet



0-6 - 4-0

Lichtenberg
BI-226-262
20 cm
Standard profile



BI-226-263 20.5 cm
BI-226-264 23 cm



0-6 - 4-0

Zweifel
BI-226-263 - BI-226-264
20.5 cm
Standard profile, with hinged ratchet



Dressing

Dressing

Vestir

Vendaje

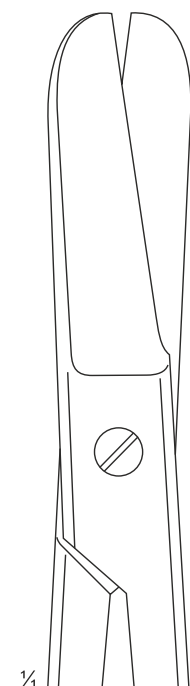
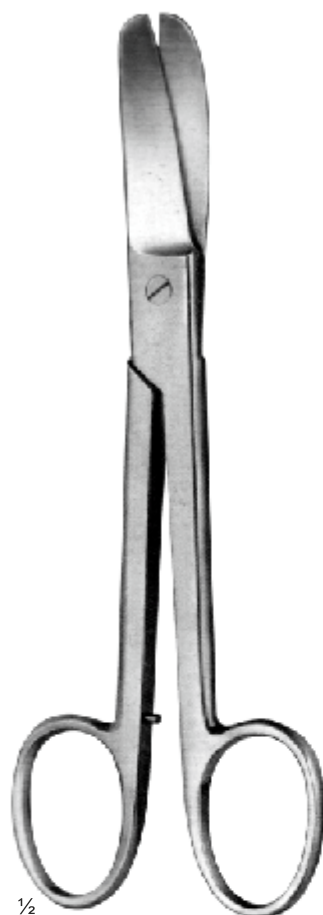
Page 228-234

Bandage Scissors, Plaster Shears

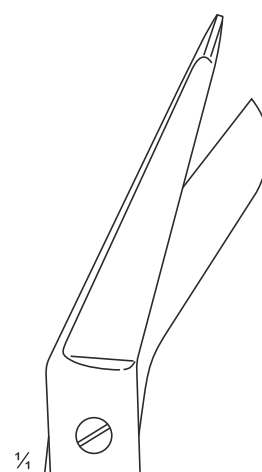
Verbandschere, Gipsschere]

Tesoura de bandagem, tesoura de gesso

Vendaje, tijeras, yeso, tijeras

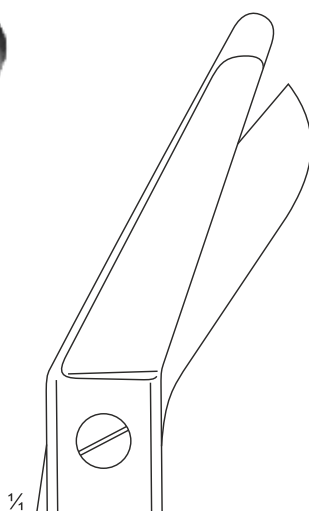


Lorenz
BI-228-001
24 cm
Bandage scissors
heavy pattern

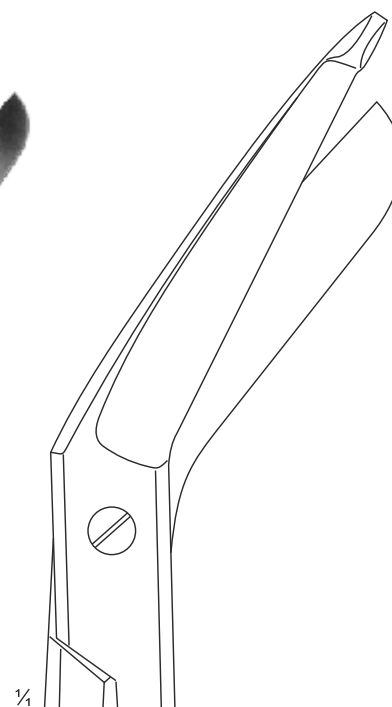


BI-228-002 14.5 cm
BI-228-003 18.5 cm
BI-228-004 20 cm

Lister
BI-228-002 - BI-228-004
18.5 cm
Bandage scissors



Esmarch
BI-228-005
20 cm
Plaster shear
heavy pattern, short blades



Bergmann
BI-228-006
23 cm
Plaster shear
heavy pattern

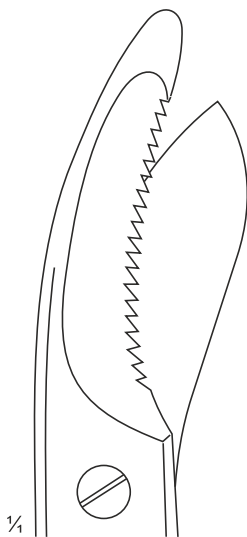
Bandage Scissors, Plaster Shears

Verbandschere, Gipsschere]
 Tesoura de bandagem, tesoura de gesso
 Vendaje, tijeras, yeso, tijeras



1/2

Bruns
BI-229-007 - BI-229-008
 Plaster scissors



1/4

BI-229-007
 24 cm
 One toothed cutting edge



BI-229-008
 24 cm



1/2

Seutin
BI-229-009
 23 cm
 Plaster shear



1/2

Universal
BI-229-010 - BI-229-011
 15.5 cm
 Bandage scissors
 Black plastic rings, autoclavable

BI-229-010 15.5 cm
BI-229-011 19 cm

Bandage Scissors, Plaster Scissors

Verbandschere, Gipsschere

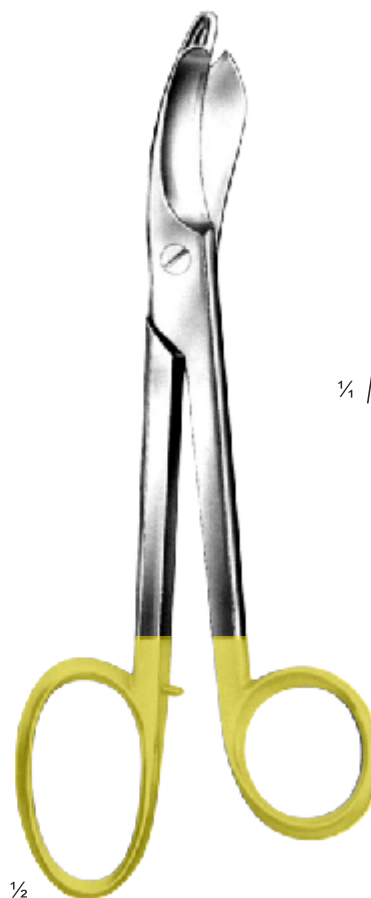
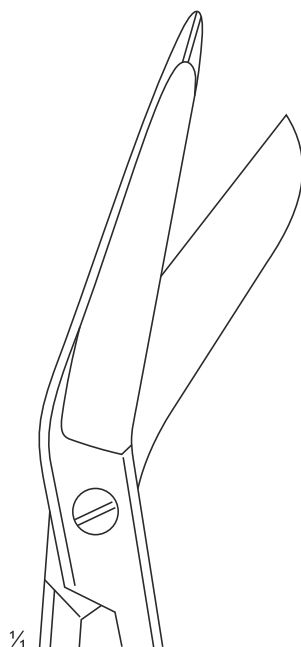
Tesoura De Bandagem, Tesoura De Gesso

Vendaje, tijera, yeso, tijera

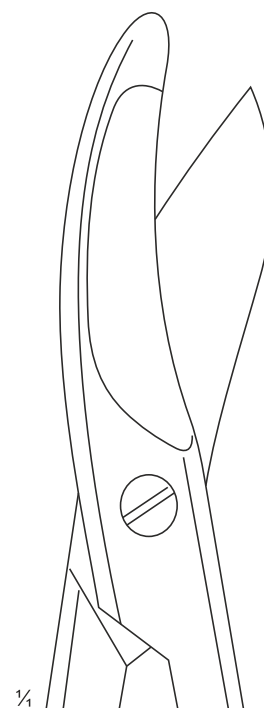
TC GOLG

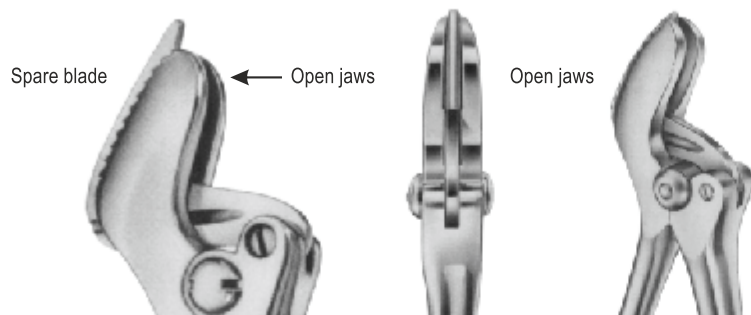


Lister
BI-230-012
18 cm
Bandage scissors



Bruns
BI-230-013
23.5 cm
Plaster scissors





1/2

Stille
BI-231-014
36 cm



1/2

Stille
BI-231-015
26 cm



Stille
BI-232-016
23 cm

BI-232-017
Spare blade



Stille
BI-232-020
37 cm

BI-232-021
Spare blade



Stille
BI-232-018
24 cm

BI-232-019
Spare blade

Plaster Knives, Plaster Saw

Gips-Messer, Gips-Säge
Facas de gesso, serra de gesso
Cuchillos de yeso, yeso

 $\frac{1}{2}$

Esmarch
BI-233-022
18 cm

 $\frac{1}{2}$

Reiner
BI-233-023
18 cm

 $\frac{1}{2}$

Hopkins
BI-233-024
20 cm
with wooden handle

 $\frac{1}{2}$

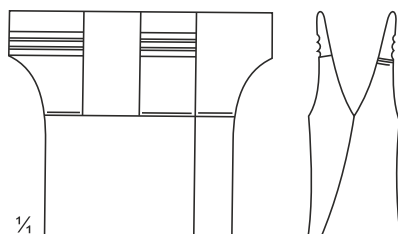
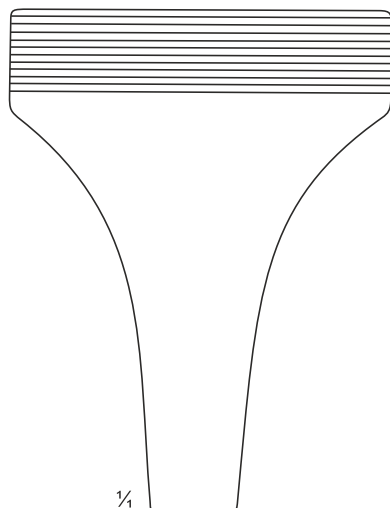
Engel
BI-233-025
16 cm

Plaster Spreader, Plaster Breakers

Gipsspreizer, Pflasterbrecher

Espalhador de gesso, disjuntores de gesso

Esparcidor de yeso, rompedores de yeso



$\frac{1}{2}$
Hennig
BI-234-026
28 cm
Plaster spreader



$\frac{1}{2}$
Quattro
BI-234-027
23 cm
Plaster spreader



$\frac{1}{2}$
Wolff
BI-234-028 - BI-234-029
17.5 cm
Plaster Breaker



BI-234-028
17.5 cm



BI-234-026
26.5 cm



Cardiovascular Surgery

Herz-Kreislauf-Chirurgie

Cirurgia Cardiovascular

Cirugía Cardiovascular

Page 235-275

Rib Shears
Rippenscheren
Tesoura De Costela
Tijeras de costillas



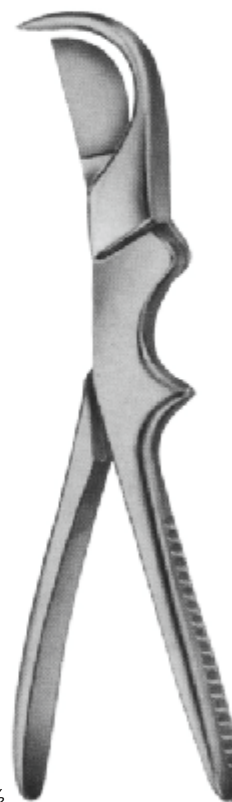
1/2

BI-235-001
23 cm
Bone Shears



1/2

BI-235-002
23 cm



1/2

Gluck
BI-235-003
21 cm
Drawing cut



1/2

Collin
BI-236-004
19.5 cm



1/2

Gluck
BI-236-005
19 cm



1/2

Schumacher
BI-236-006
21 cm
Sternum shears

Rib Shears
Rippenscheren
Tesoura De Costela
Tijeras de costillas



Sauerbruch
BI-237-007
26 cm



Giertz-Stille
BI-237-008
24.5 cm



Bethune
BI-237-009
34.5 cm



1/2

Killian
BI-238-010
20 cm



1/2

Lebsche
BI-238-011
24.5 cm
Sternum chisel



1/2

Brunner
BI-238-012
32 cm

For right hand

For left hand

Rib Retractors

Rippen-Reraktoren
Retradores de Costela
Retradores de costillas

SS AI



BI-239-013 - BI-239-018

BI-239-013 Stainless steel

BI-239-014 Aluminium

For blades, with 2 pairs of blades
9 x 20 mm 9 x 10 mm, spreading 52 mm



BI-239-015 Stainless steel

BI-239-016 Aluminium

Blades, only
9 x 20 mm



BI-239-017 Stainless steel

BI-239-018 Aluminium

Blades, only
9 x 10 mm

SS AI



Cooley

BI-239-019 - BI-239-020

BI-239-019 Stainless steel

BI-239-020 Aluminium

For blades, lateral blades 12 x 16 mm,
spreading 95 mm

SS AI



Cooley

BI-239-021 - BI-239-022

BI-239-021 Stainless steel

BI-239-022 Aluminium

For children, lateral blades 15 x 30 mm,
spreading 140 mm

SS AI



Cooley

BI-239-023 - BI-239-024

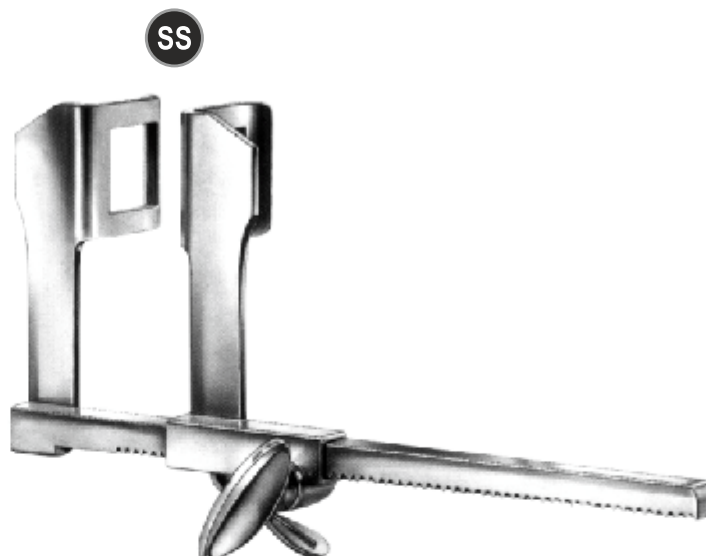
BI-239-023 Stainless steel

BI-239-024 Aluminium

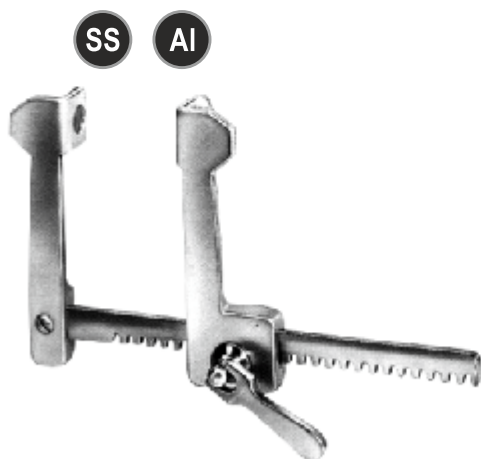
For children, lateral blades 21 x 44 mm,
spreading 150 mm



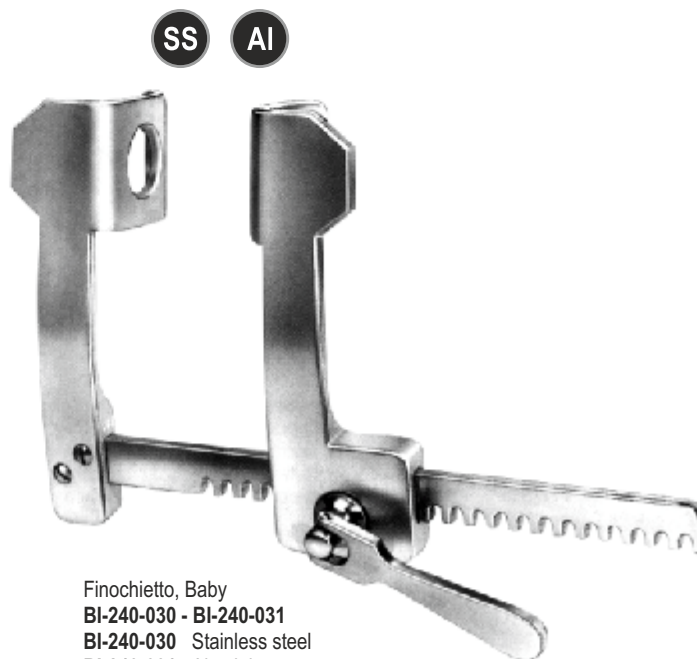
Cooley
BI-240-025 - BI-240-026
BI-240-025 Stainless steel
BI-240-026 Aluminium
For adults, lateral blades 35 x 50 mm,
spreading 200 mm



Haight
BI-240-027 Stainless steel
Lateral blades 30 x 30 mm,
spreading 120 mm

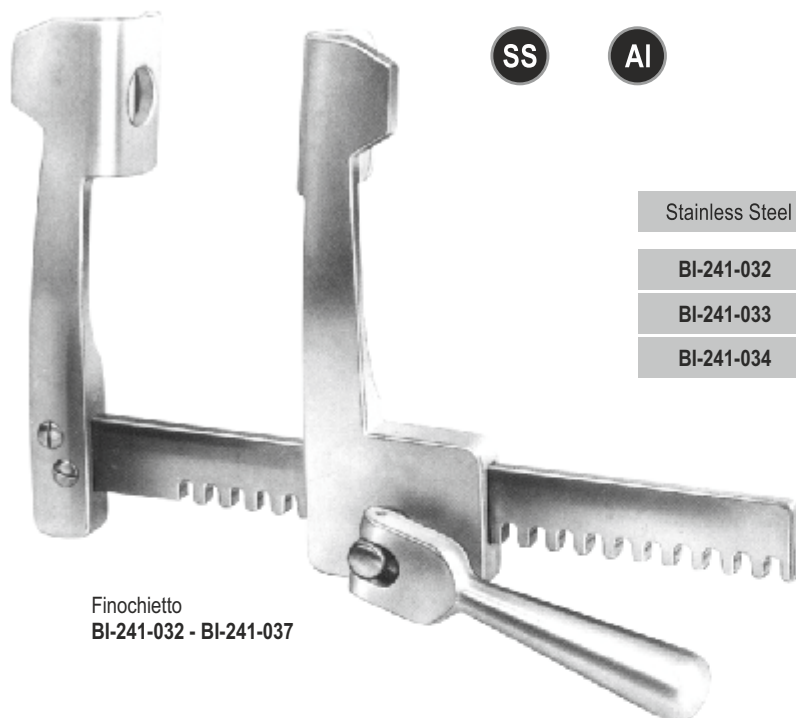


Finochietto, Infant
BI-240-028 - BI-240-029
BI-240-028 Stainless steel
BI-240-029 Aluminium
For babies, lateral blades 15 x 15 mm,
spreading 75 mm



Finochietto, Baby
BI-240-030 - BI-240-031
BI-240-030 Stainless steel
BI-240-031 Aluminium
For children, lateral blades 31 x 31 mm,
spreading 100 mm

Rib Retractors
Rippen-Reraktoren
Retradores de Costela
Retradores de costillas

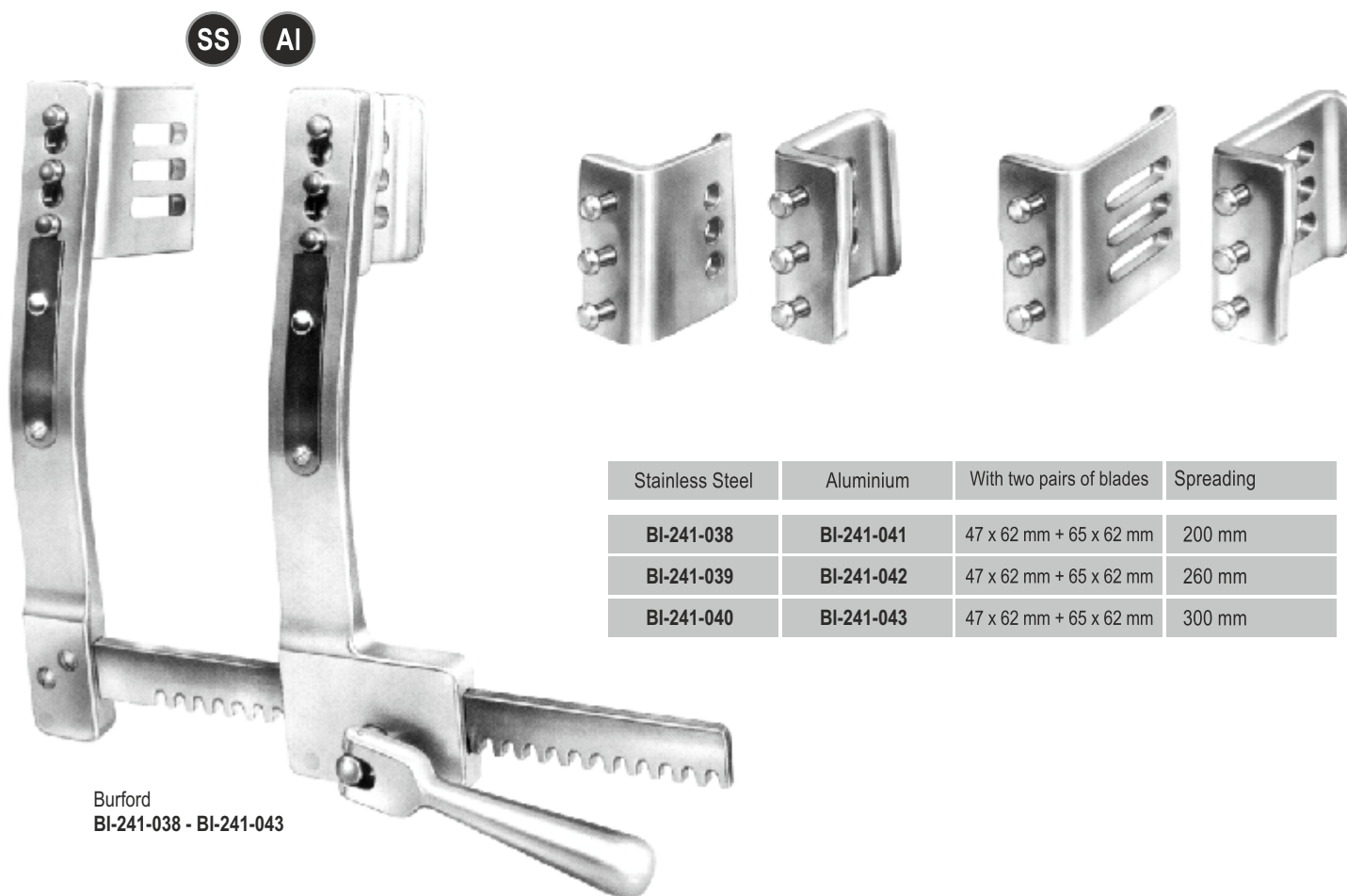


Finochietto
BI-241-032 - BI-241-037

SS

Al

Stainless Steel	Aluminium	Lateral Blades	Spreading
BI-241-032	BI-241-035	40 x 45 mm	135 mm
BI-241-033	BI-241-036	52 x 62 mm	175 mm
BI-241-034	BI-241-037	85 x 65 mm	175 mm

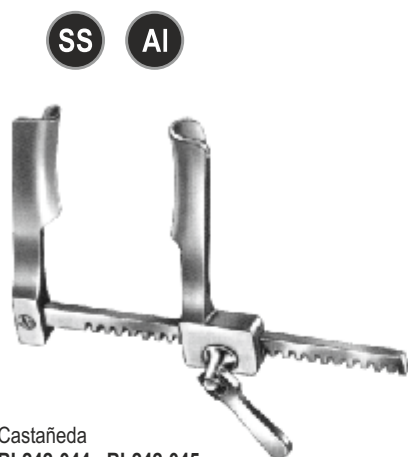


Burford
BI-241-038 - BI-241-043

SS

Al

Stainless Steel	Aluminium	With two pairs of blades	Spreading
BI-241-038	BI-241-041	47 x 62 mm + 65 x 62 mm	200 mm
BI-241-039	BI-241-042	47 x 62 mm + 65 x 62 mm	260 mm
BI-241-040	BI-241-043	47 x 62 mm + 65 x 62 mm	300 mm



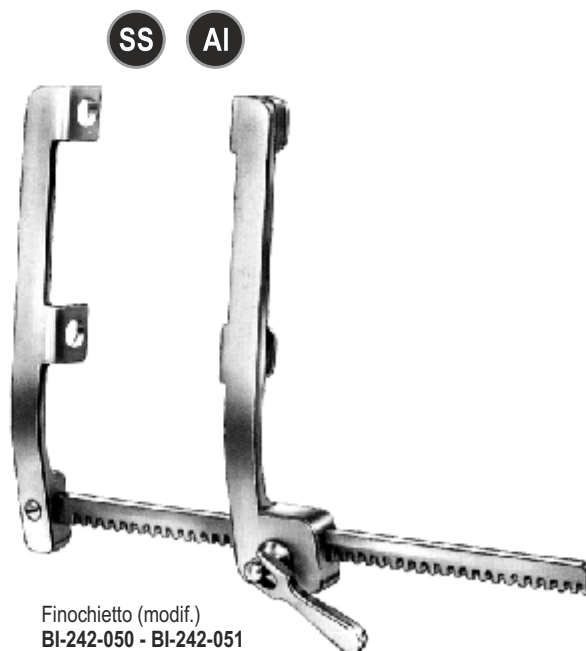
Castañeda
BI-242-044 - BI-242-045
BI-242-044 Stainless steel
BI-242-045 Aluminium
For babies, lateral blades 10.5 x 32 mm
spreading 65 mm



Castañeda
BI-242-046 - BI-242-047
BI-242-046 Stainless steel
BI-242-047 Aluminium
For infants, lateral blades 12 x 45 mm
spreading 70 mm

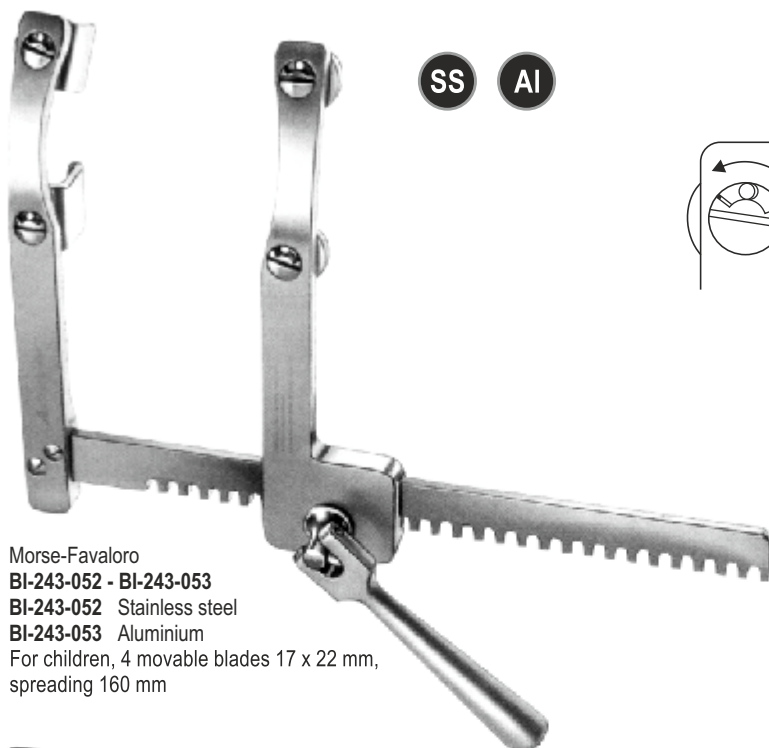


Castañeda
BI-242-048 - BI-242-049
BI-242-048 Stainless steel
BI-242-049 Aluminium
For infants, lateral blades 15 x 60 mm
spreading 120 mm

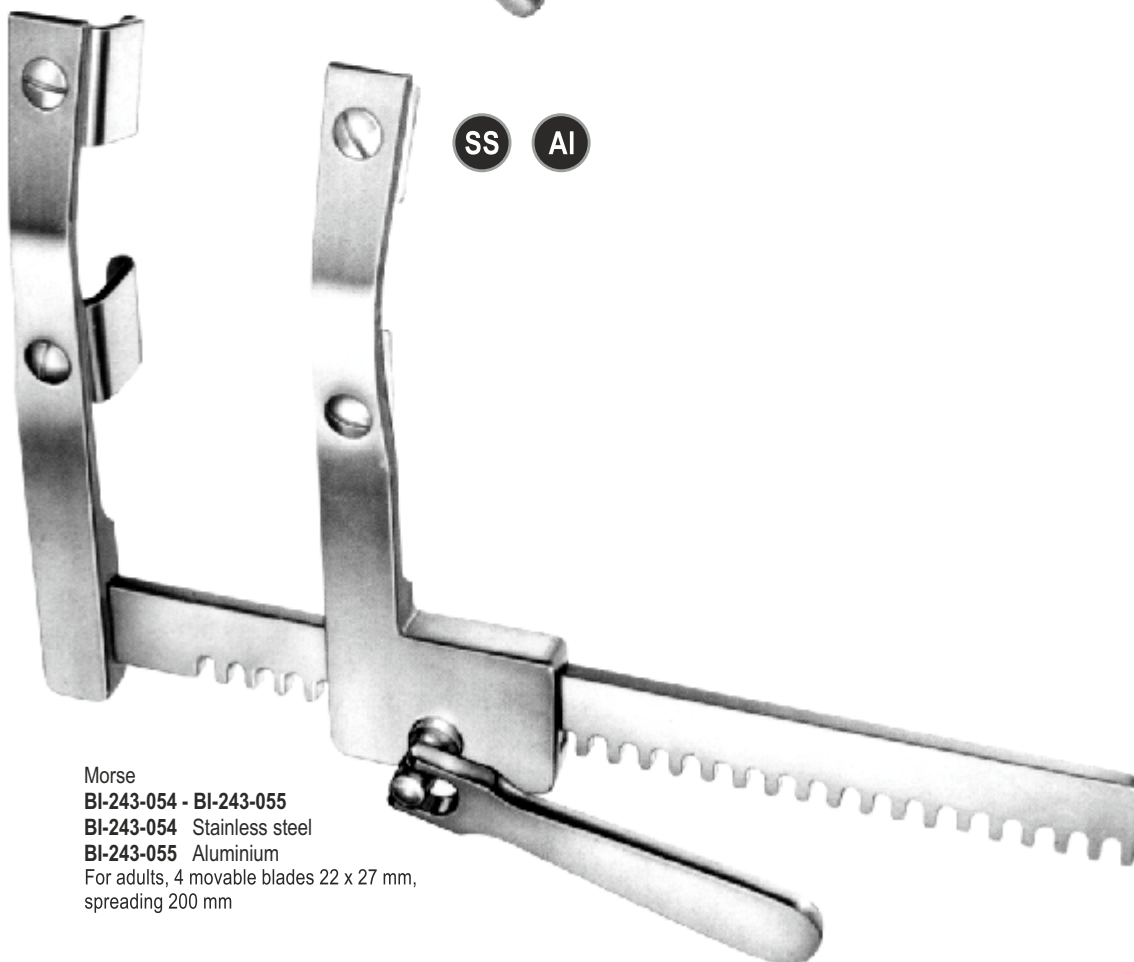
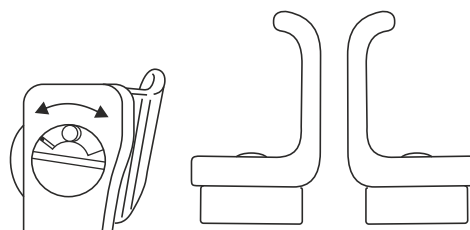


Finochietto (modif.)
BI-242-050 - BI-242-051
BI-242-050 Stainless steel
BI-242-051 Aluminium
Lateral blades 14 x 15 mm
spreading 120 mm

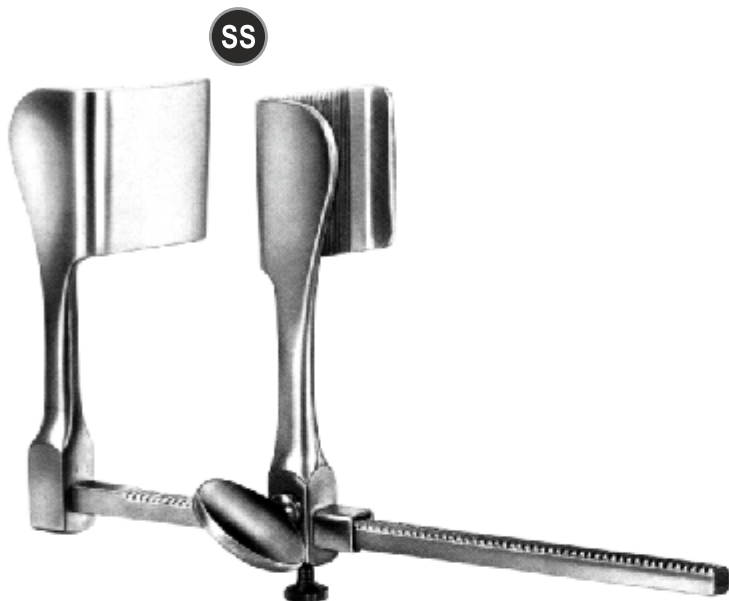
Rib Retractors
Rippen-Reraktoren
Retradores de Costela
Retradores de costillas



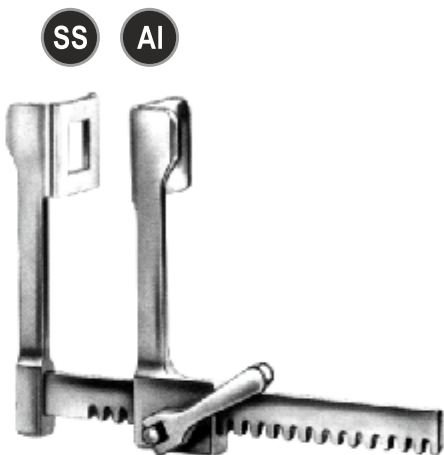
Morse-Favaloro
BI-243-052 - BI-243-053
BI-243-052 Stainless steel
BI-243-053 Aluminium
For children, 4 movable blades 17 x 22 mm,
spreading 160 mm



Morse
BI-243-054 - BI-243-055
BI-243-054 Stainless steel
BI-243-055 Aluminium
For adults, 4 movable blades 22 x 27 mm,
spreading 200 mm



Tuffier
BI-244-056 Stainless steel
Lateral blades 45 x 45 mm,
spreading 160 mm



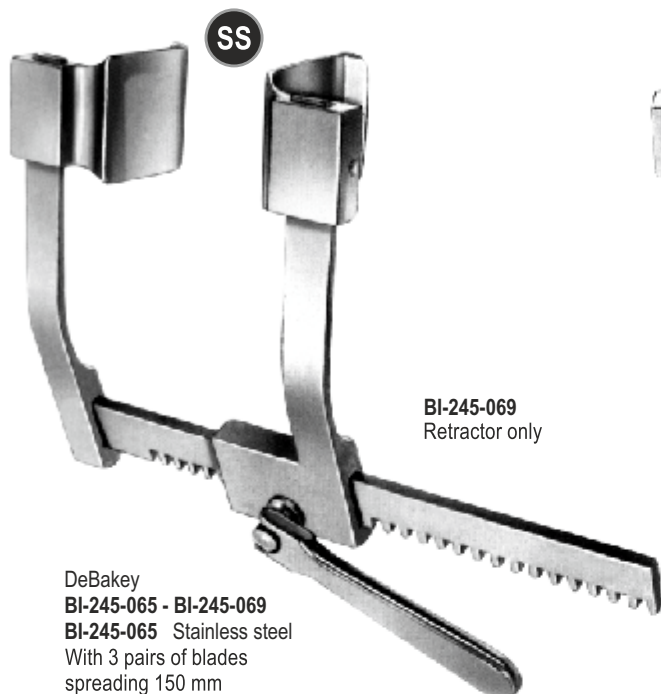
Finochietto, Baby
BI-244-057 - BI-244-058
BI-244-057 Stainless steel
BI-244-058 Aluminium
Lateral blades 14 x 15 mm,
spreading 75 mm



Finochietto
BI-244-059 - BI-244-064

Stainless Steel	Aluminium	Lateral Blades	Spreading
BI-244-059	BI-244-062	30 x 45 mm	150 mm
BI-244-060	BI-244-063	46 x 62 mm	190 mm
BI-244-061	BI-244-064	80 x 65 mm	190 mm

Rib Retractors
Rippen-Reraktoren
Retradores de Costela
Retradores de costillas



DeBakey
BI-245-065 - BI-245-069
BI-245-065 Stainless steel
With 3 pairs of blades
spreading 150 mm

BI-245-069
Retractor only



Fig. 1
Lateral blades
BI-245-066
30 x 30 mm

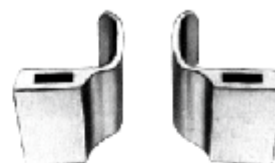


Fig. 2
Lateral blades
BI-245-067
40 x 40 mm

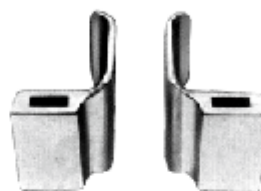
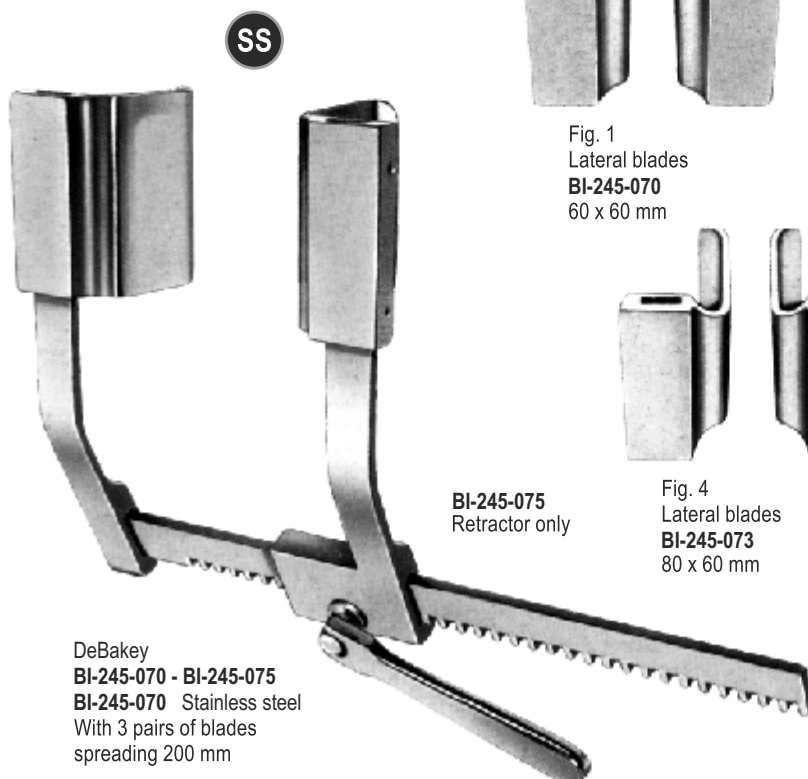


Fig. 3
Lateral blades
BI-245-068
50 x 50 mm



DeBakey
BI-245-070 - BI-245-075
BI-245-070 Stainless steel
With 3 pairs of blades
spreading 200 mm

BI-245-075
Retractor only

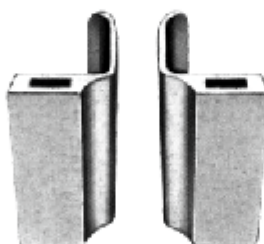


Fig. 1
Lateral blades
BI-245-070
60 x 60 mm

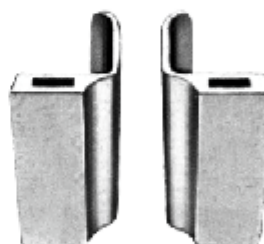


Fig. 2
Lateral blades
BI-245-071
50 x 80 mm



Fig. 3
Lateral blades
BI-245-072
40 x 100 mm

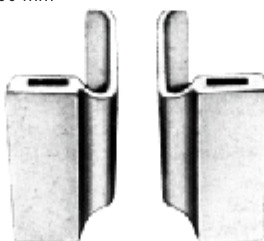


Fig. 4
Lateral blades
BI-245-073
80 x 60 mm



Fig. 5
Lateral blades
BI-245-074
50 x 66 mm



Mercedes Retractor
BI-246-076 - BI-246-078
With 1 pair of blades each

BI-246-078
Retractor only

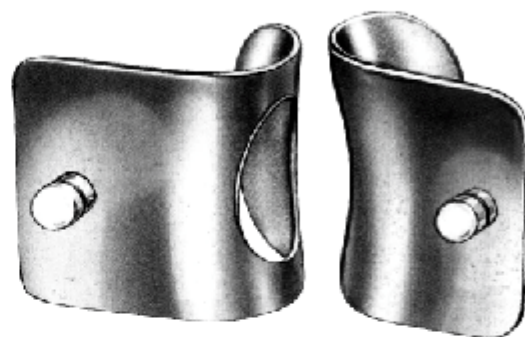


Fig. 1
Lateral blades pair
BI-246-076
48 x 68 mm

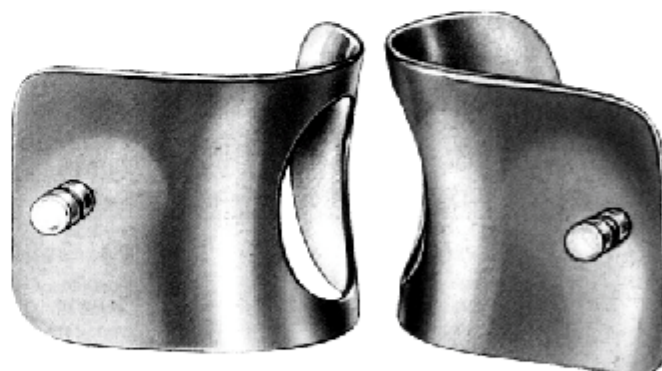
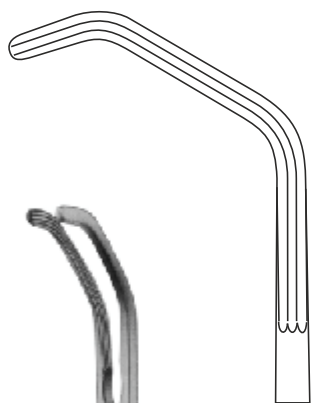


Fig. 2
Lateral blades pair
BI-246-077
70 x 75 mm



1/2

Price-Thomas
BI-247-079
22 cm

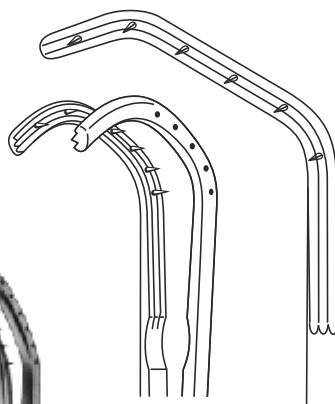


Fig. 1
BI-247-080



1/2

Price-Thomas
BI-247-080 - BI-247-081
22 cm

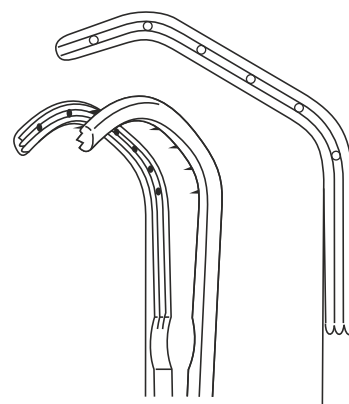


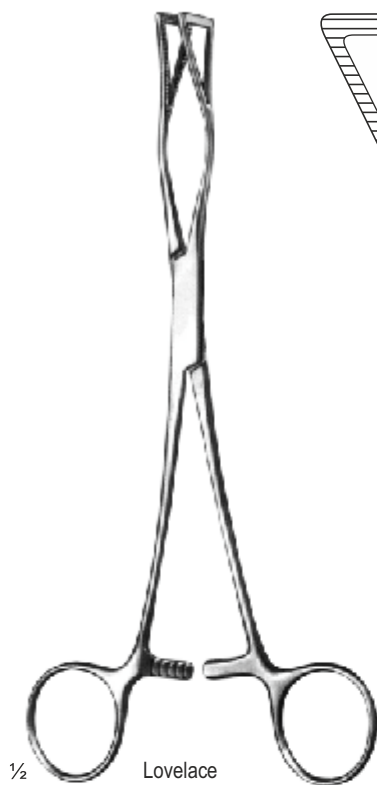
Fig. 2
BI-247-081

Lung Grasping Forceps, Haemostatic Forceps

Lungenfaßzange, Hämostatische Pinzette

Pinça de Agarrar no Pulmão, Pinça Hemostática

Pinzas de agarre de los pulmones, pinzas hemostáticas

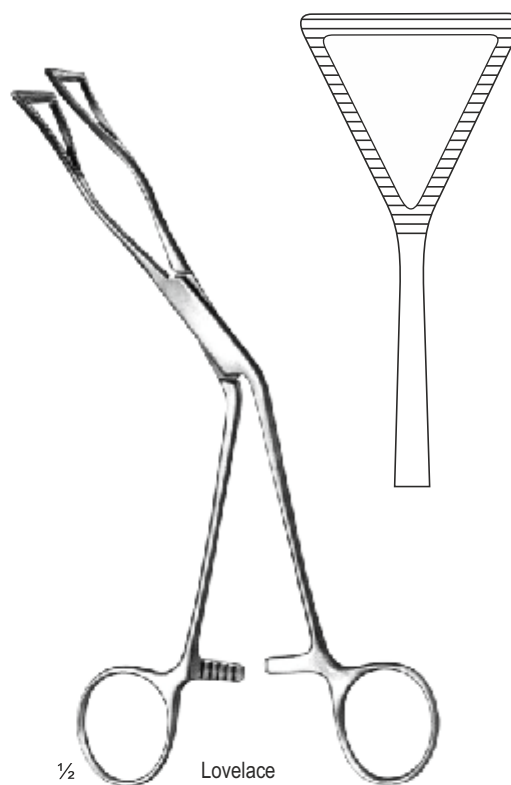
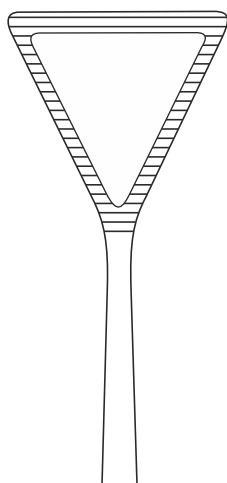


1/2

Lovelace
BI-248-082

20.5 cm

Lung grasping forceps

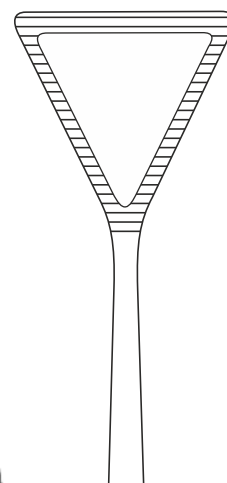


1/2

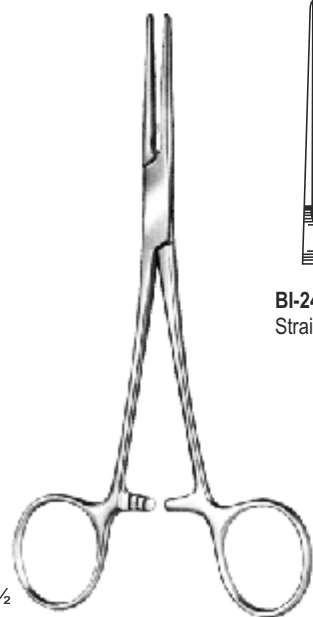
Lovelace
BI-248-083

19 cm

Lung grasping forceps



ATRAUMA

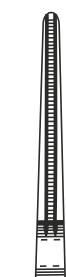


1/2

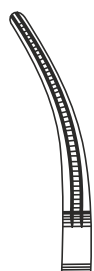
DeBailey-Rankin

BI-248-084 - BI-248-085

16 cm



BI-248-084
Straight



BI-248-085
Curved



1/2

DeBailey-Mosquito

BI-248-086 - BI-248-087

15 cm



BI-248-086
Straight



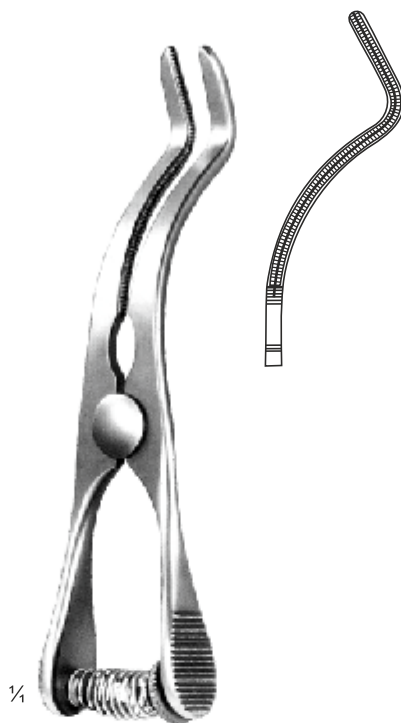
BI-248-087
Curved

Rib Retractors
Rippen-Reraktoren
Retradores de Costela
Retradores de costillas

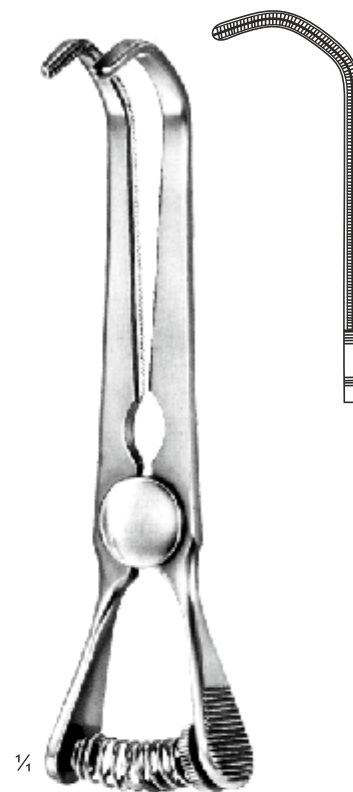
ATRAUMA



DeBakey-Satinsky
BI-249-088
7 cm



DeBakey-Satinsky
BI-249-089
9 cm



DeBakey-Satinsky
BI-249-090
10 cm



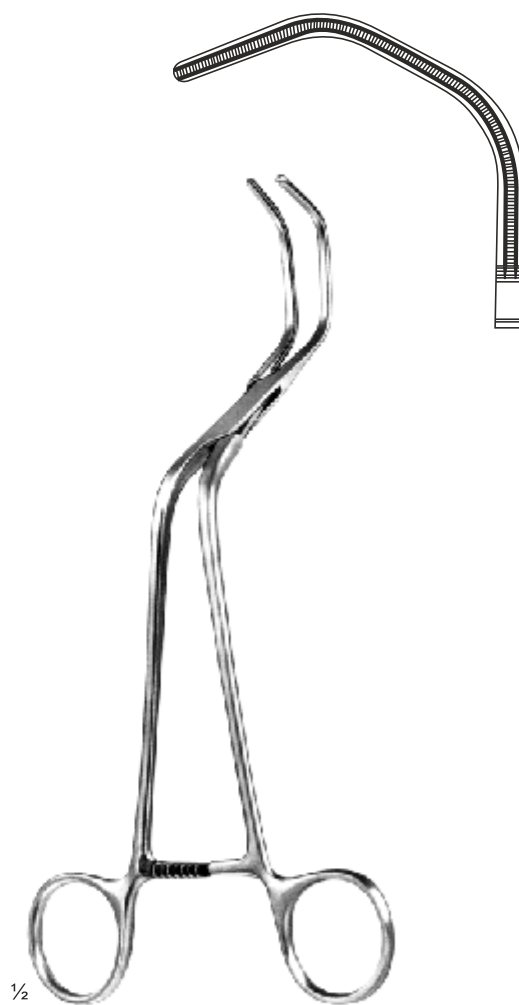
Glover
BI-249-091
6.5 cm



Santulli
BI-249-092
7 cm



Ochsner
BI-250-093
22 cm

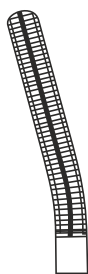


Diethrich
BI-250-094
22 cm

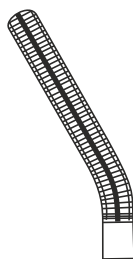
ATRAUMA



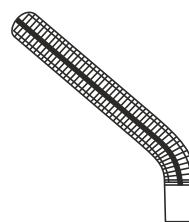
BI-251-095
15 cm



BI-251-096
15.5 cm
15°



BI-251-097
15.5 cm
30°



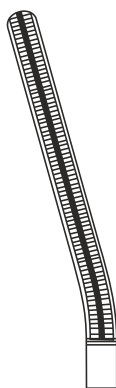
BI-251-098
15 cm
45°



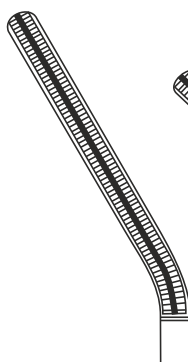
BI-251-099
13.5 cm
90°



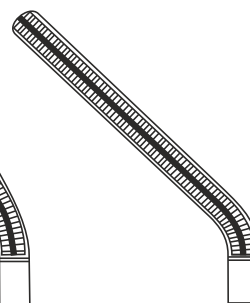
BI-251-100
17 cm



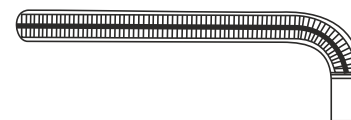
BI-251-101
16.5 cm
15°



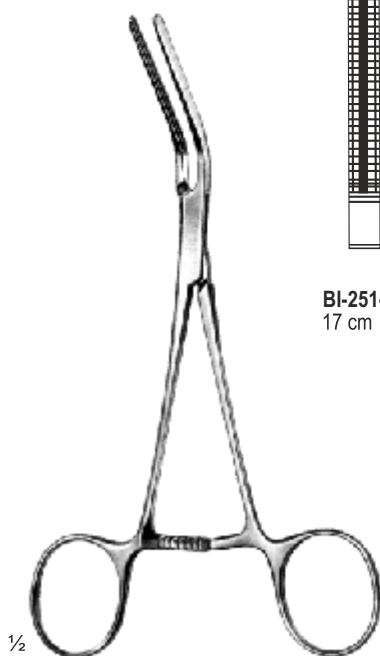
BI-251-102
16.5 cm
30°



BI-251-103
17 cm
45°

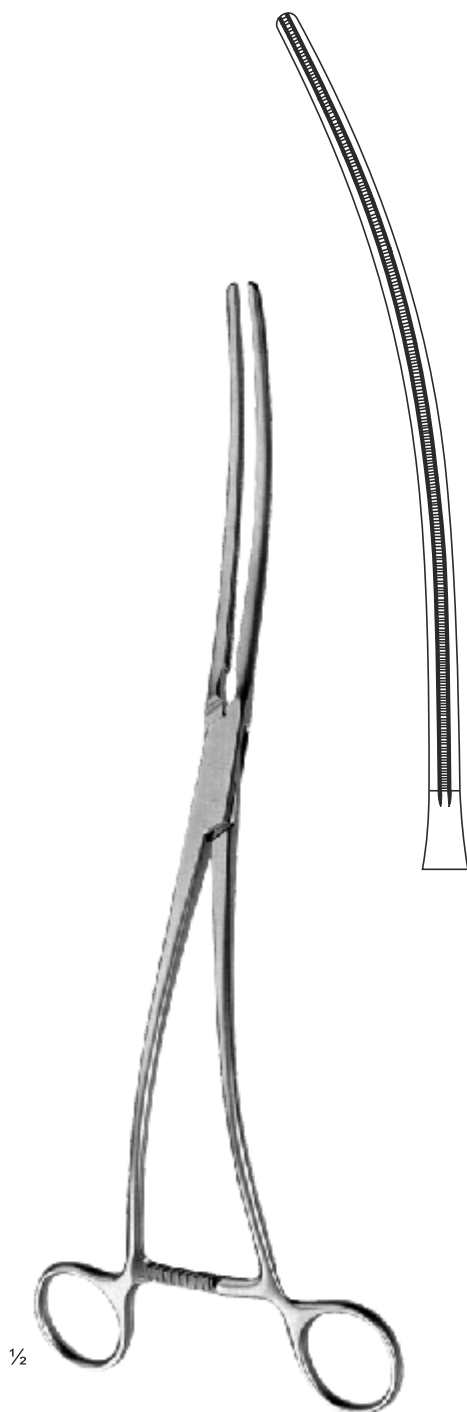


BI-251-104
13.5 cm
90°

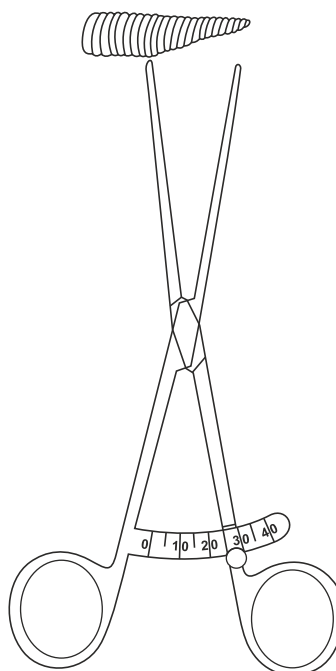


Dardik
BI-251-095 - BI-251-104
17 cm

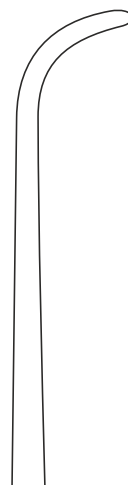
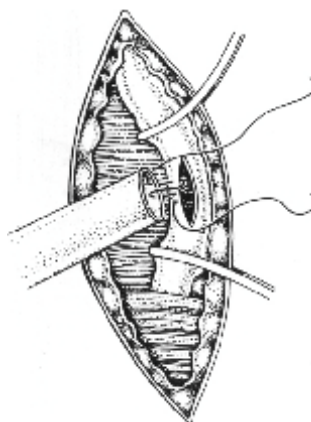
ATRAUMA



DeBakey
BI-252-105
30 cm
Aortic clamp



BI-252-106
18 cm
Vascular measuring device



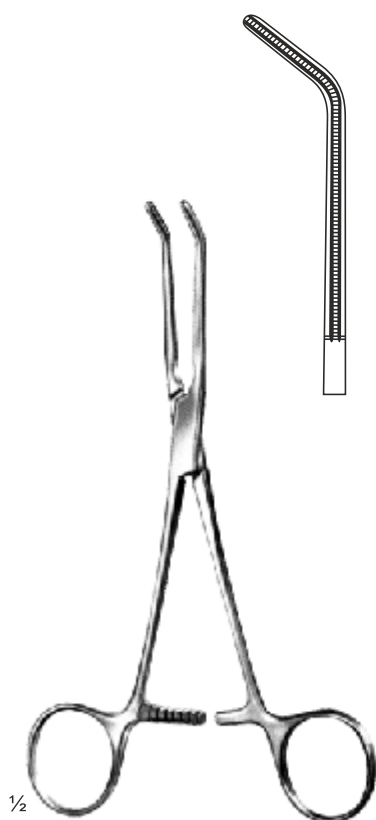
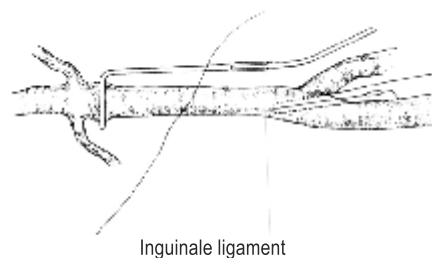
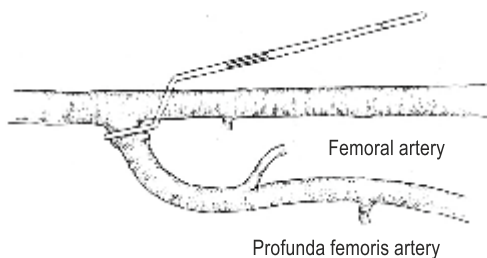
Peripheral Vascular Clamps

Periphere Gefäßklemmen

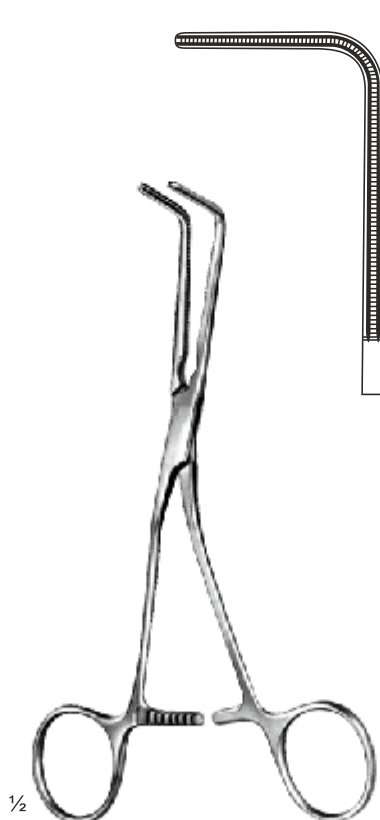
Grampos vasculares periféricos

Pinzas vasculares periféricas

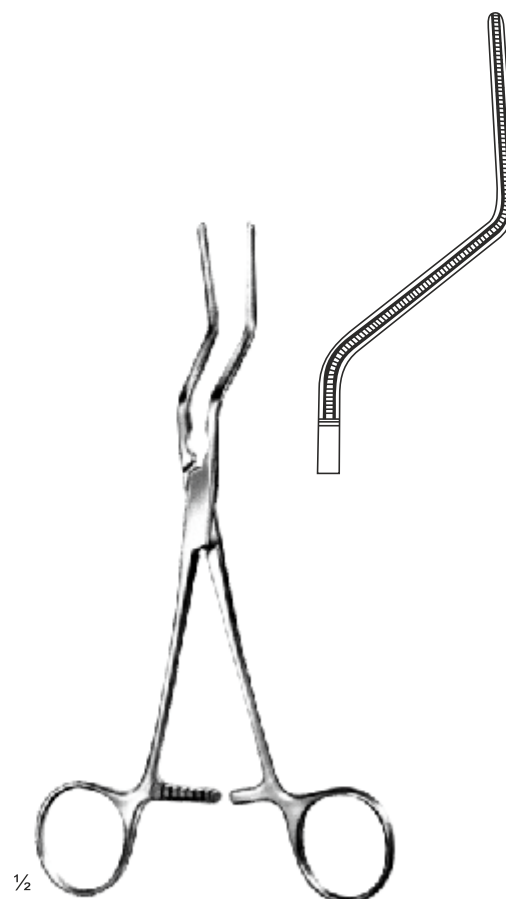
ATRAUMA



Husfeldt
BI-253-107
16.5 cm



Husfeldt
BI-253-108
17 cm

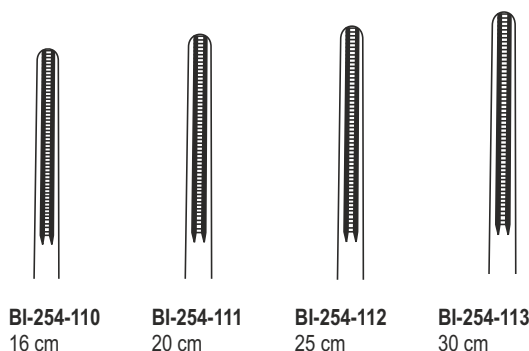


Husfeldt
BI-253-109
18 cm

ATRAUMA



DeBakey
BI-254-110 - BI-254-113
20 cm
2.7 mm



BI-254-110
16 cm

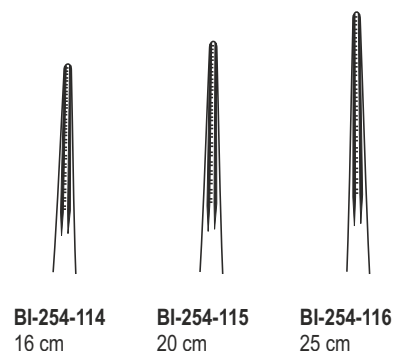
BI-254-111
20 cm

BI-254-112
25 cm

BI-254-113
30 cm



DeBakey
BI-254-114 - BI-254-116
20 cm
1.5 mm



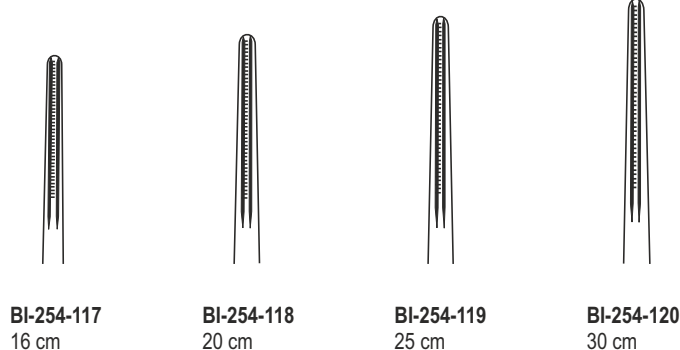
BI-254-114
16 cm

BI-254-115
20 cm

BI-254-116
25 cm



DeBakey
BI-254-117 - BI-254-120
20 cm
2 mm



BI-254-117
16 cm

BI-254-118
20 cm

BI-254-119
25 cm

BI-254-120
30 cm

Vascular Forceps

Gefäßzange

Pinça Vascular

Pinzas Vasculares

ATRAUMA



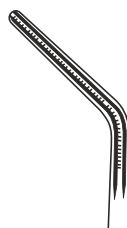
DeBakey
BI-255-121 - BI-255-124
20 cm
2 mm



BI-255-121
16 cm



BI-255-122
19.5 cm



BI-255-123
25 cm



BI-255-124
29.5 cm



DeBakey
BI-255-125 - BI-255-128
20 cm
3.5 mm



BI-255-125
16 cm



BI-255-126
20 cm



BI-255-127
25 cm



BI-255-128
30 cm

ATRAUMA



BI-256-129	15 cm	BI-256-132	15 cm
BI-256-130	19.5 cm	BI-256-133	19.5 cm
BI-256-131	24 cm	BI-256-134	24 cm
	1.0 mm		1.5 mm

DeBailey-Diethrich
BI-256-129 - BI-256-134



BI-256-135	15 cm	BI-256-140	15 cm
BI-256-136	19.5 cm	BI-256-141	19.5 cm
BI-256-137	24 cm	BI-256-142	24 cm
BI-256-138	30 cm	BI-256-143	30 cm
BI-256-139	38 cm	BI-256-144	38 cm
	2.7 mm		3.5 mm

DeBailey
BI-256-135 - BI-256-144



BI-256-145	15 cm
BI-256-146	19.5 cm
BI-256-147	24 cm
	2.0 mm

Cooley
BI-256-145 - BI-256-147



BI-256-148	15 cm
BI-256-149	19.5 cm
BI-256-150	24 cm
	1.5 mm



6:12

1/2

Chitwood-DeBailey
BI-256-148 - BI-256-150



BI-256-151	15 cm	BI-256-154	15 cm	BI-256-157	15 cm
BI-256-152	19.5 cm	BI-256-155	19.5 cm	BI-256-158	19.5 cm
BI-256-153	24 cm	BI-256-156	24 cm	BI-256-159	24 cm
	2.0 mm		2.7 mm		3.5 mm



6:12

1/2

Chitwood-DeBailey
BI-256-151 - BI-256-159

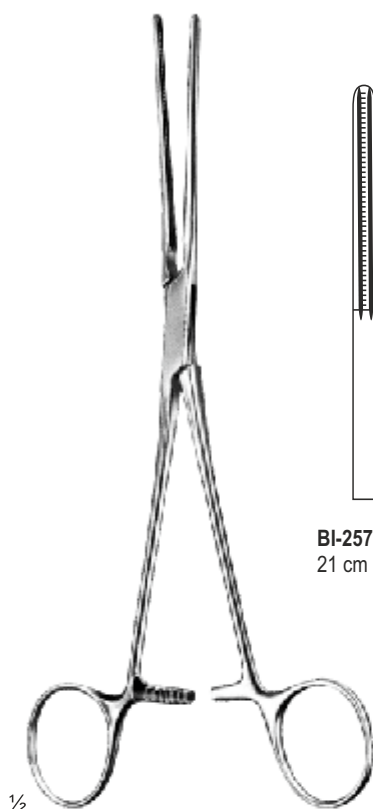
Coarctation Clamps

Coarctationsklemmen

Grampos de coarctação

Abrazaderas de coartación

ATRAUMA



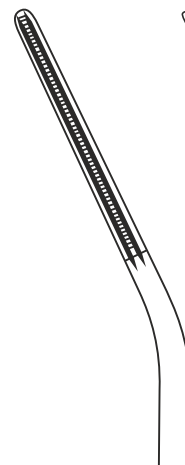
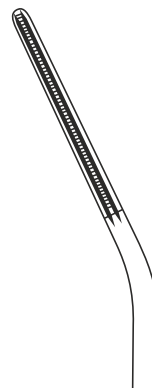
BI-257-160
21 cm



BI-257-161
22.5 cm



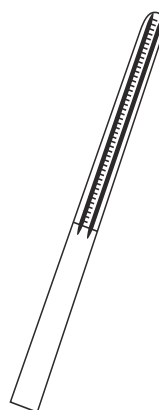
BI-257-162
20 cm



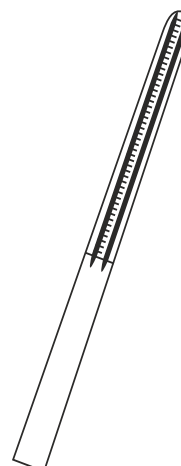
BI-257-163
22 cm



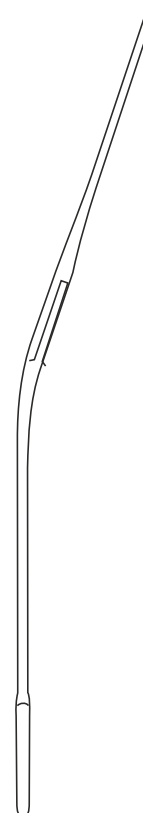
BI-257-164 - BI-257-155
20.5 cm



BI-257-164
20 cm



BI-257-165
22 cm



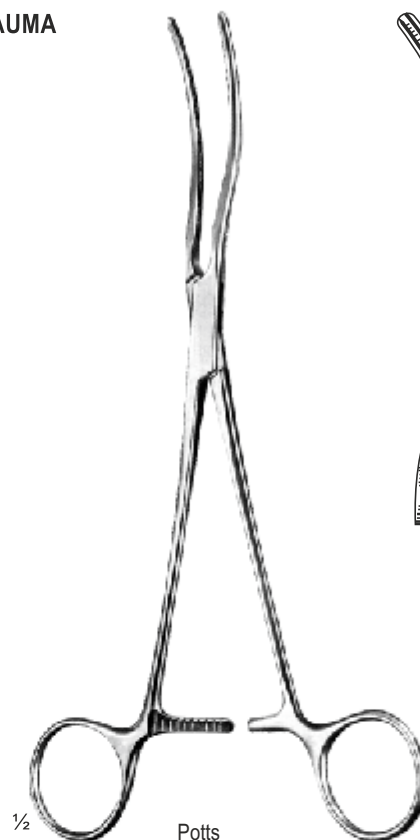
Anastomosis Clamps, Ligature Forceps

Anastomoseklemmen, Ligaturzange
Grampos Anastomose, Pinça Ligadura
Abrazaderas de anastomosis, pinzas de ligadura

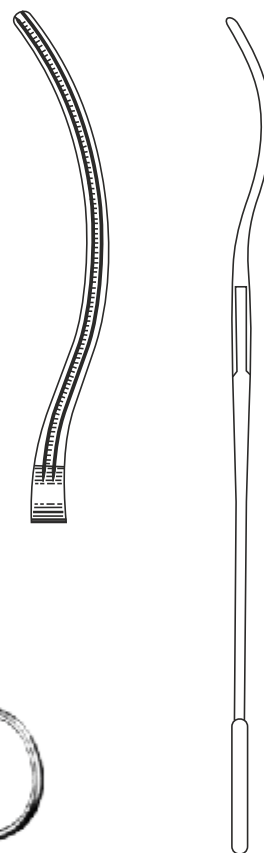
ATRAUMA



$\frac{1}{2}$
Potts
BI-258-166
21.5 cm

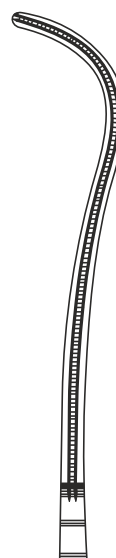


$\frac{1}{2}$
Potts
BI-258-167
22 cm

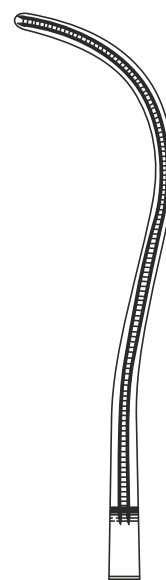


DeBakey
BI-258-168 - BI-258-169
19 cm
Dissecting and ligature forceps

$\frac{1}{2}$



BI-258-168
19 cm



BI-258-169
24 cm

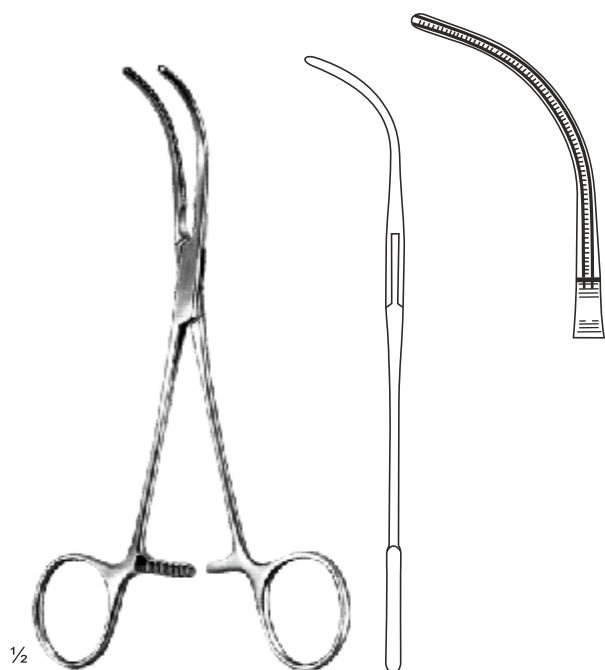
Peripheral Vascular Clamps

Periphere Gefäßklemmen

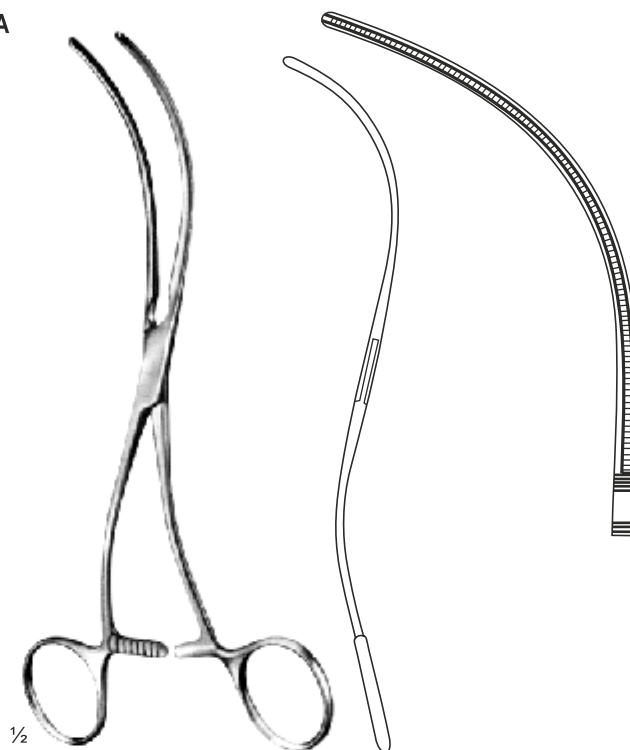
Grampos vasculares periféricos

Pinzas vasculares periféricas

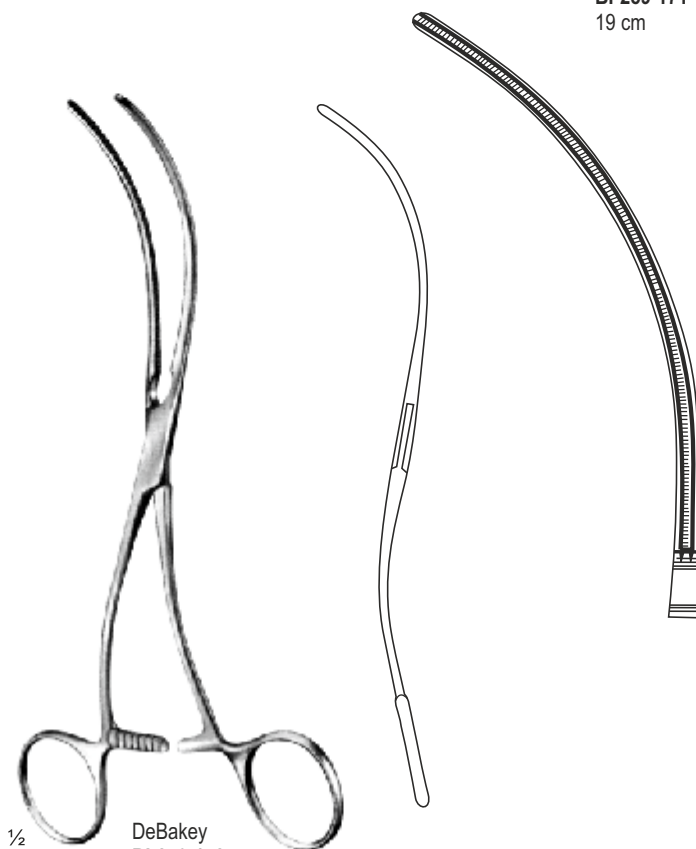
ATRAUMA



DeBakey
BI-259-170
16 cm

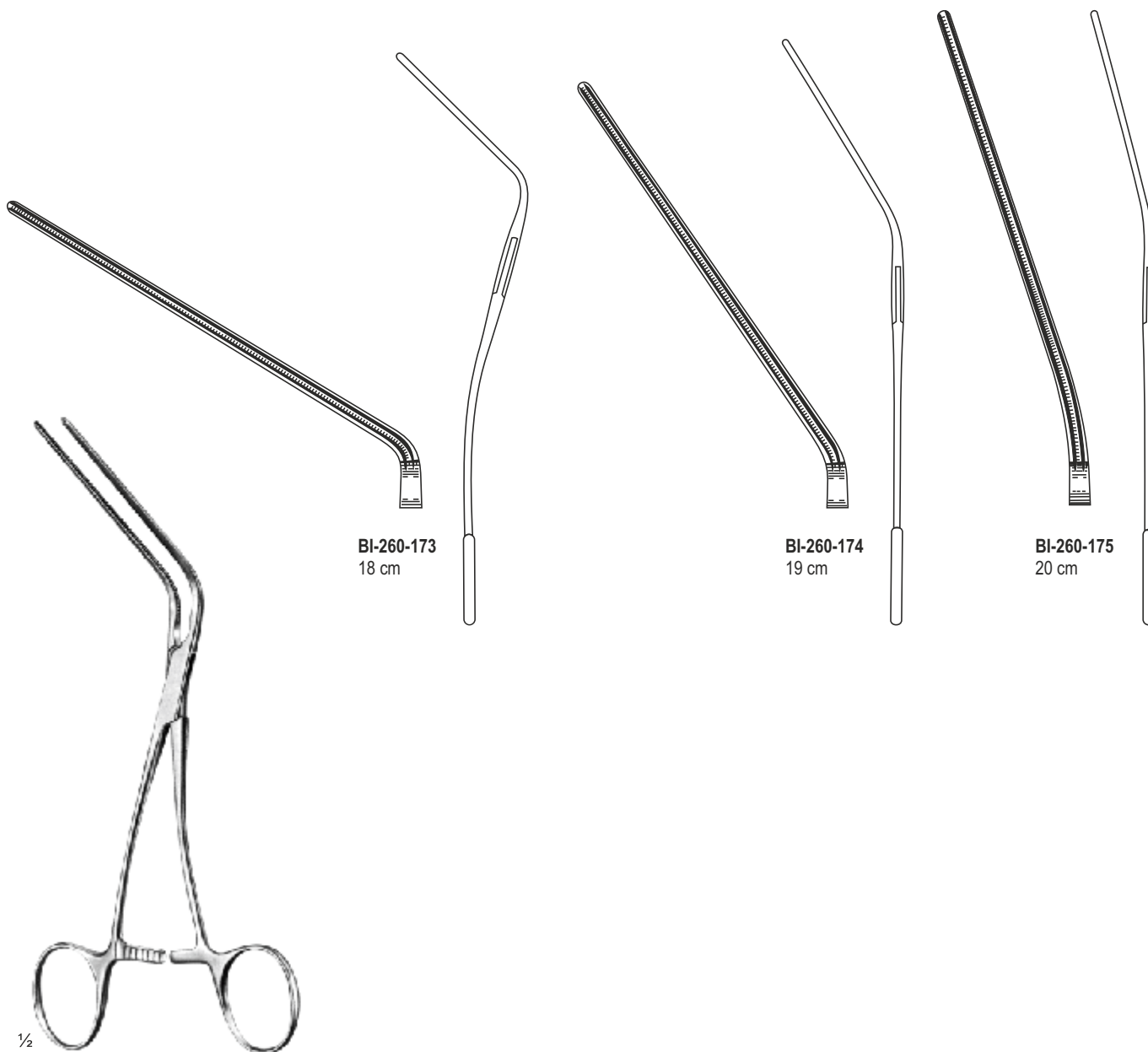


DeBakey
BI-259-171
19 cm



DeBakey
BI-259-172
20 cm

ATRAUMA



Leland-Jones
BI-260-173 - BI-260-175

Multi Purpose Vascular Clamps
Mehrzweck-Gefäßklemmen
Grampos vasculares de múltiplos propósitos
Abrazaderas vasculares multiusos

ATRAUMA



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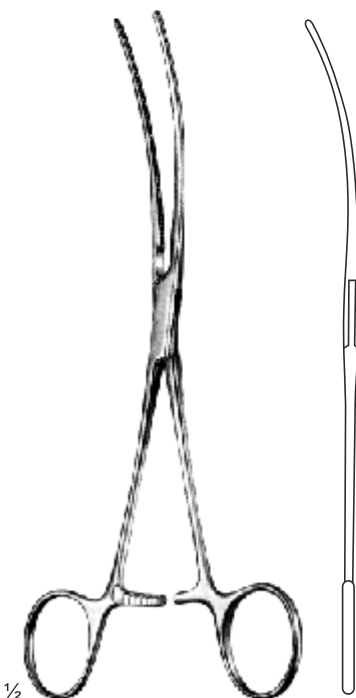
Bainbridge
BI-261-176 - BI-261-177
18.5 cm



BI-261-176
15 cm

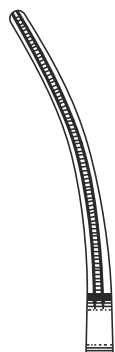


BI-261-177
18.5 cm



1/2

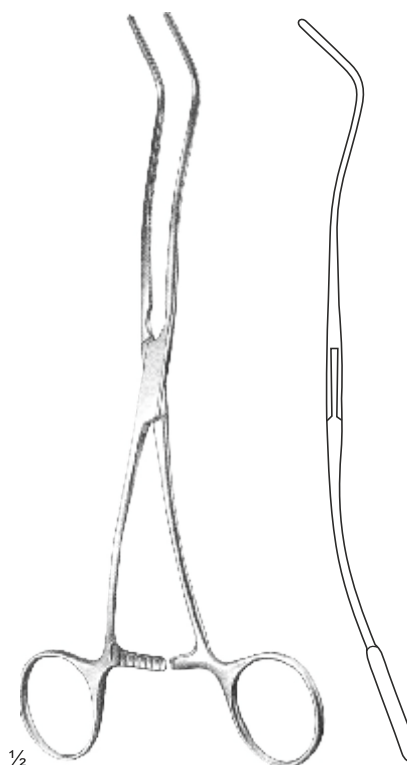
Bainbridge
BI-261-178 - BI-261-179
18.5 cm



BI-261-178
15 cm

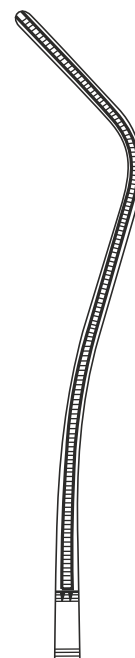


BI-261-179
18.5 cm



1/2

DeBakay
BI-261-180
20 cm



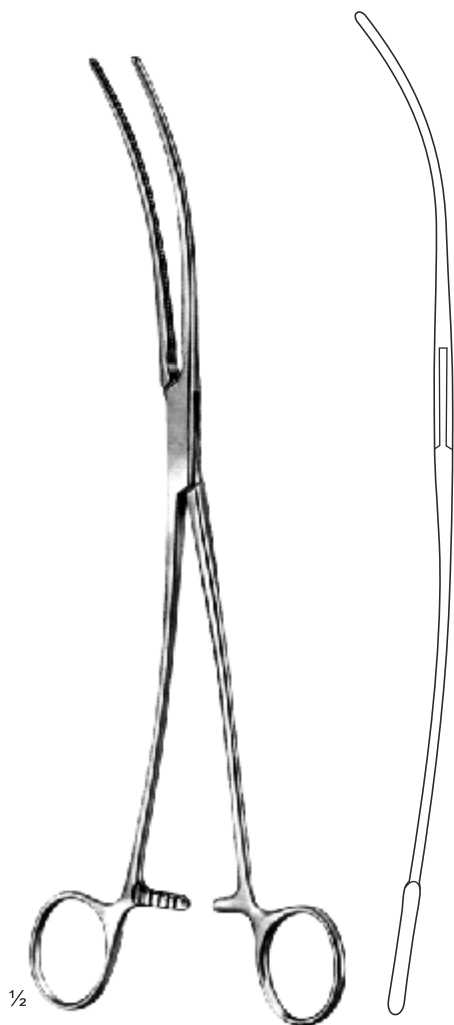
Aortic Aneurysm Clamps

Aortenaneurysma-Klammern

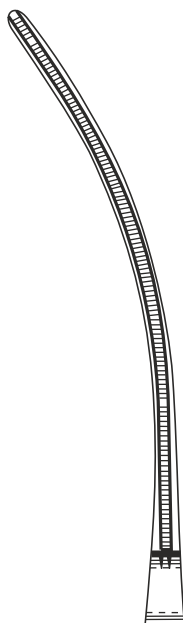
Grampos de aneurisma aórtico

Abrazaderas de aneurisma aórtico

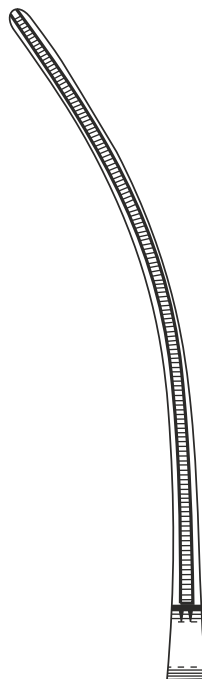
ATRAUMA



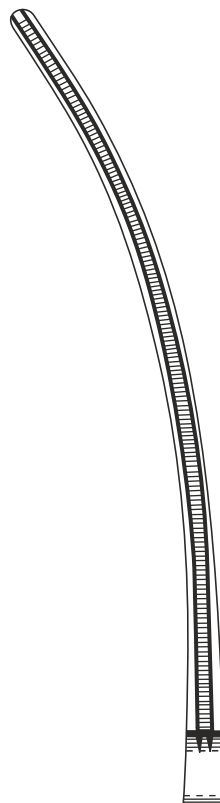
DeBakay
BI-262-181 - BI-262-184
26 cm



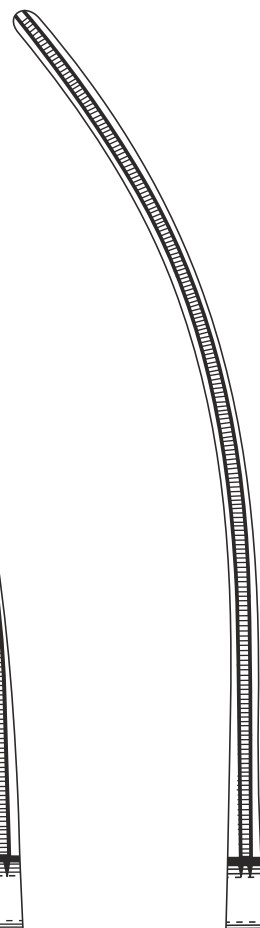
BI-262-181
26 cm



BI-262-182
27 cm



BI-262-183
31 cm



BI-262-184
33 cm

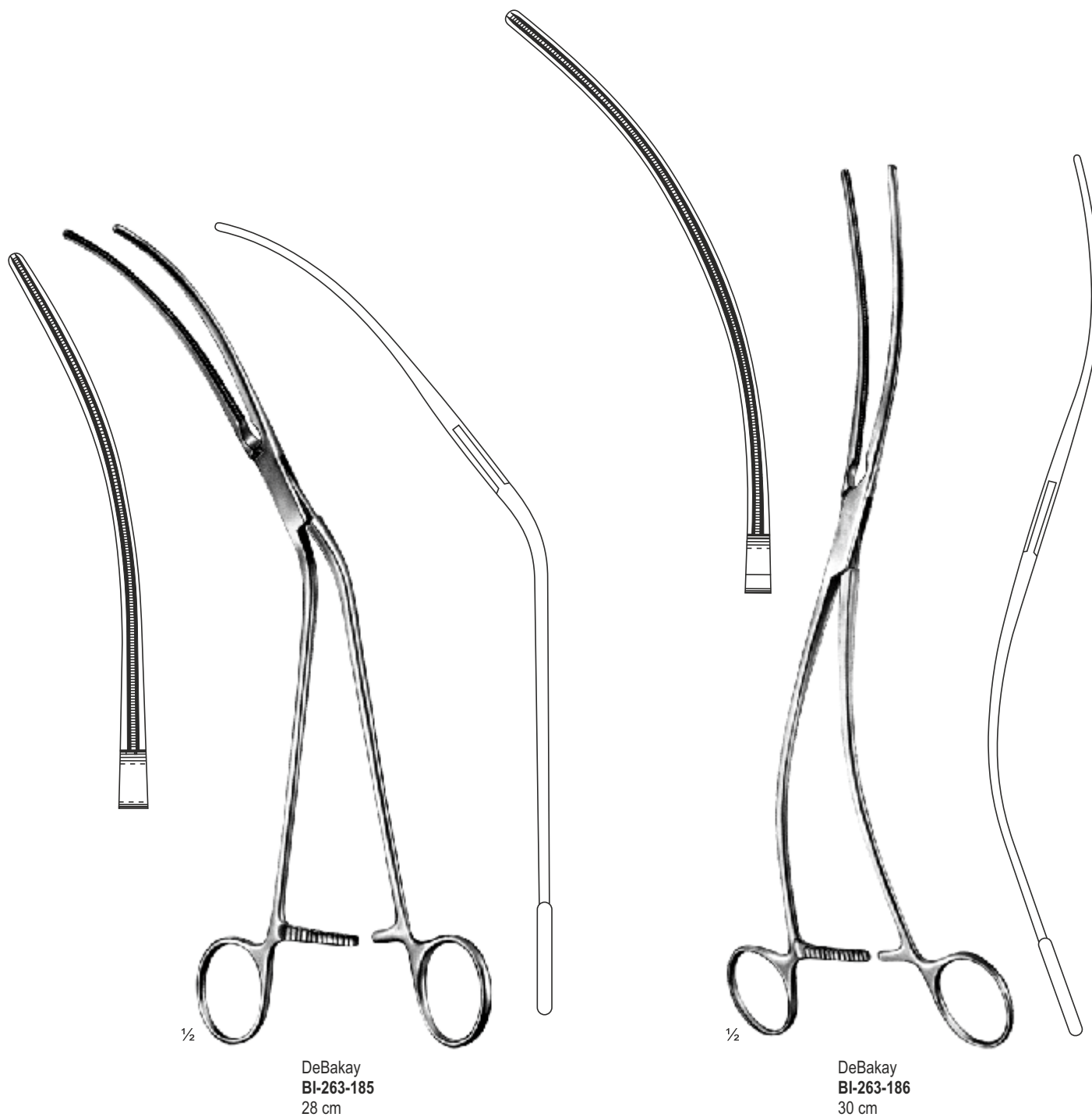
Aortic Aneurysm Clamps

Aortenaneurysma-Klammern

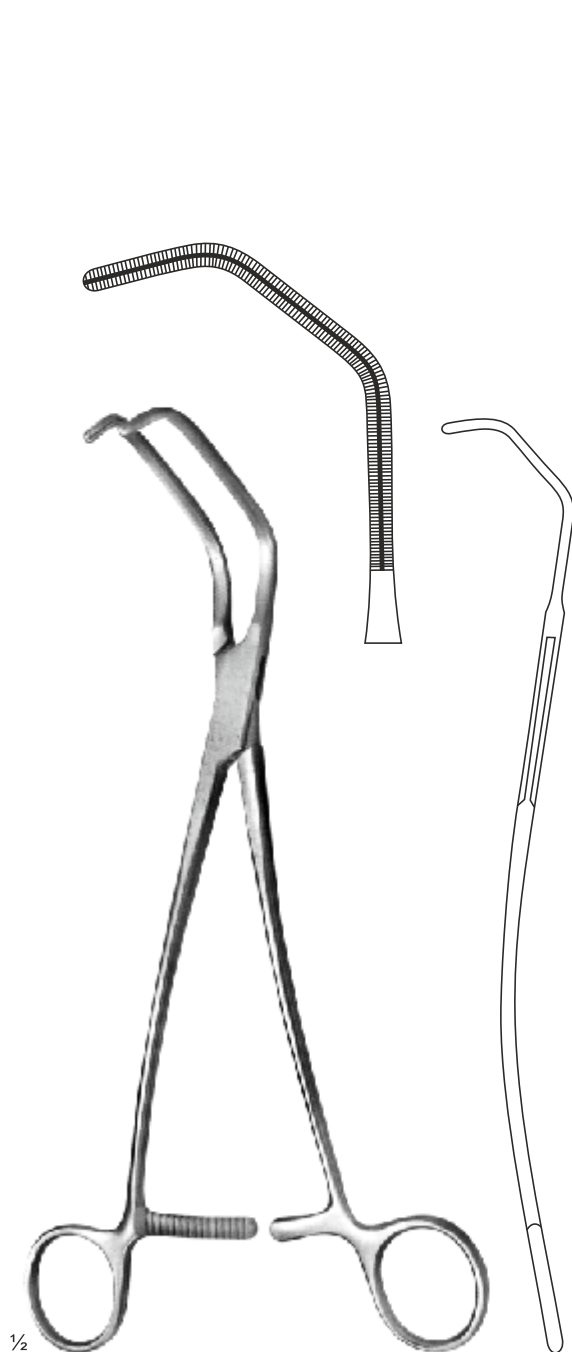
Grampos de aneurisma aórtico

Abrazaderas de aneurisma aórtico

ATRAUMA

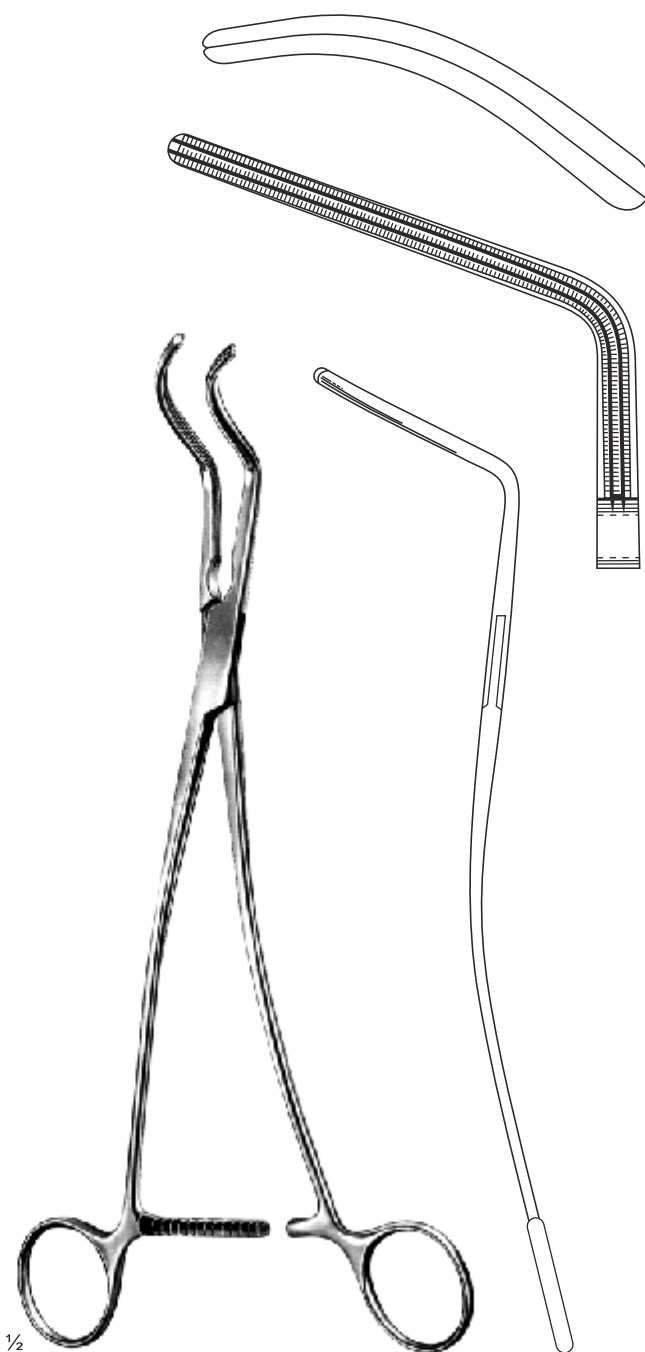


ATRAUMA



1/2

Cooley
BI-264-187
25 cm



1/2

DeBakay
BI-264-188
27 cm

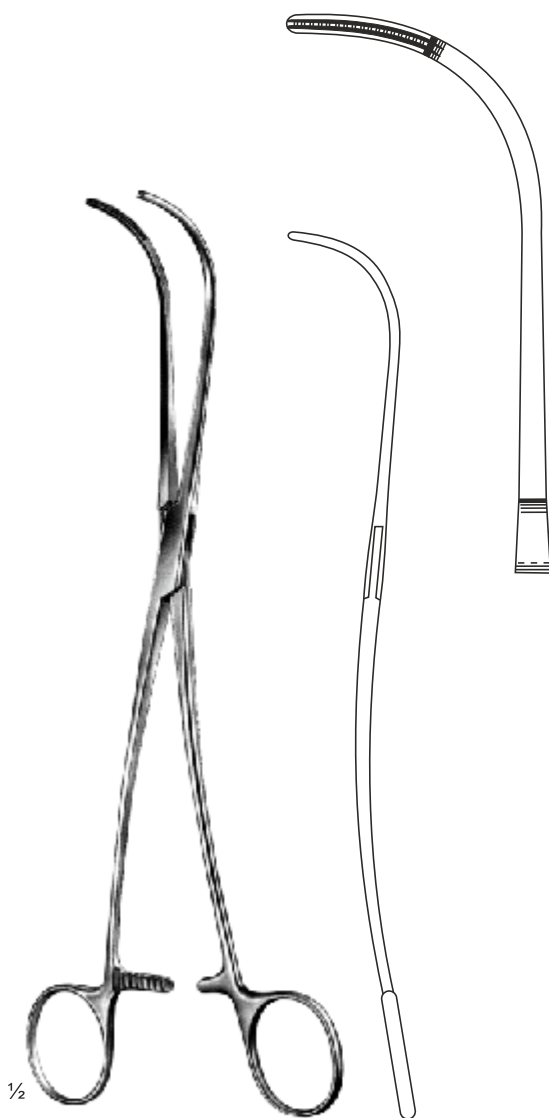
Ligature Forceps, Aortic Clamps

Ligatur Pinzetten, Aortenklappen

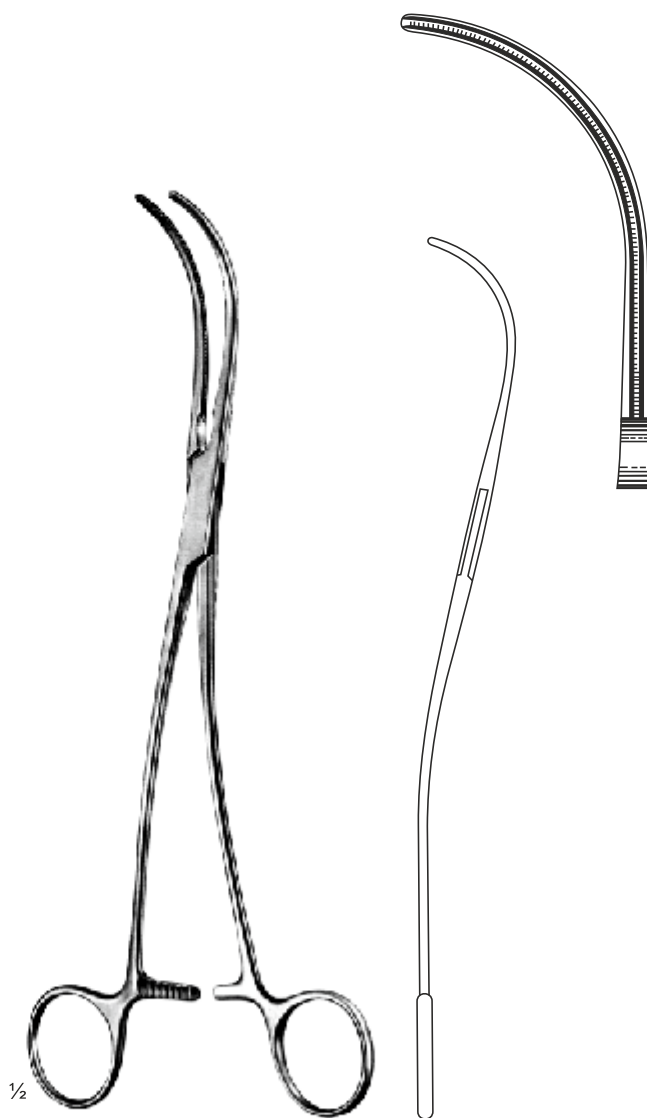
Pinça de Ligadura, Grampos Aórticos

Pinzas de ligadura, abrazaderas aórticas

ATRAUMA

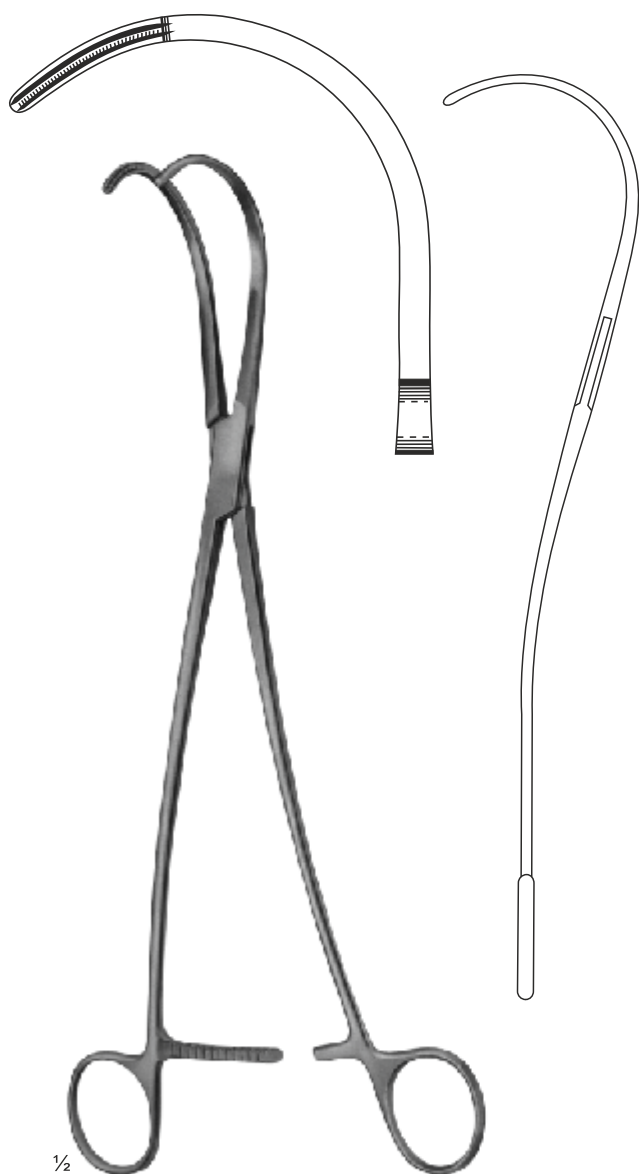


DeBakay
BI-265-189
24.5 cm
Ligature forceps



DeBakay
BI-265-190
24.5 cm
Aortic forceps

ATRAUMA



DeBakay
BI-266-191
27 cm



DeBakay
BI-266-192
27 cm

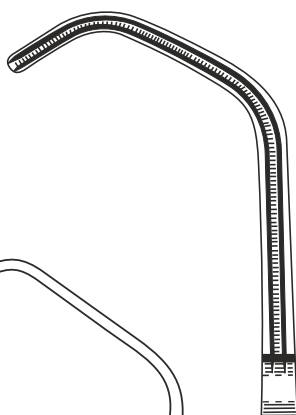
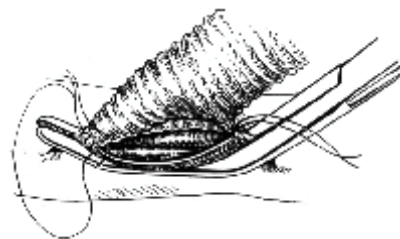
Tangential Occlusion Clamps

Tangentiale Okklusionsklemmen

Grampos de oclusão tangencial

Abrazaderas de oclusión tangencial

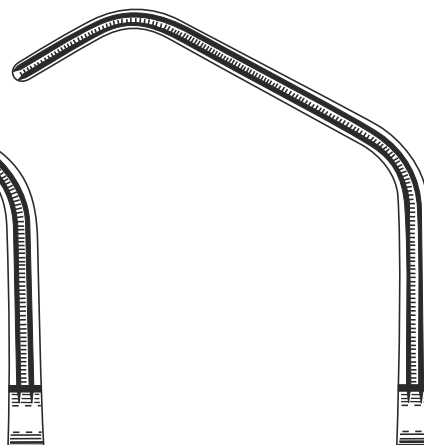
ATRAUMA



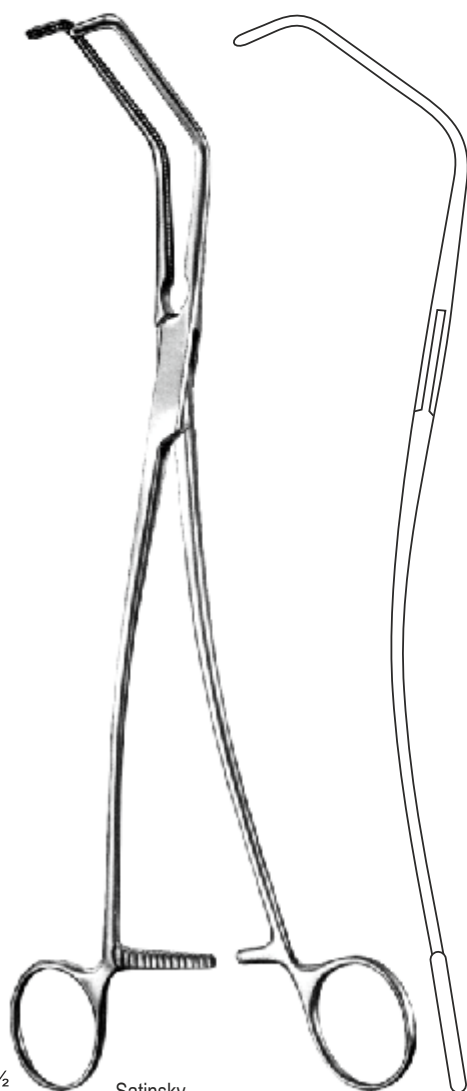
BI-267-193
22 cm



BI-267-194
26 cm



BI-267-195
26.5 cm



$\frac{1}{2}$ Satinsky
BI-267-193 - BI-267-197
28.5 cm

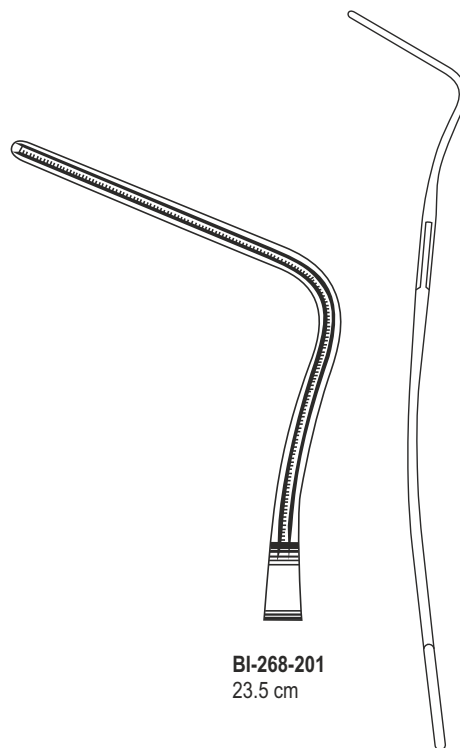
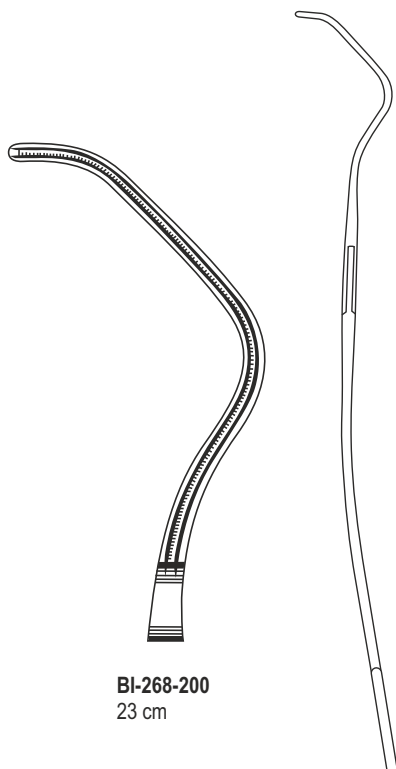
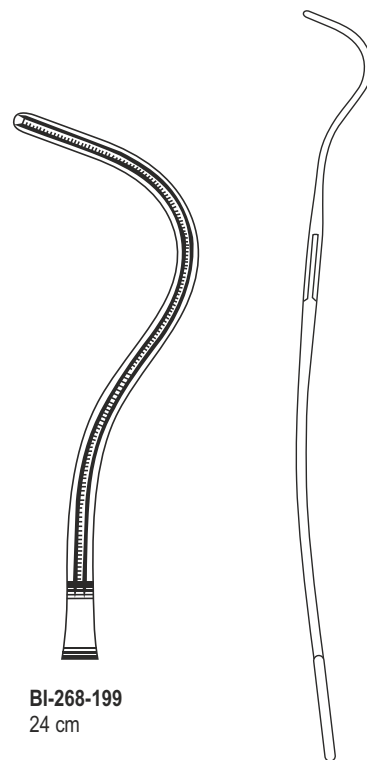
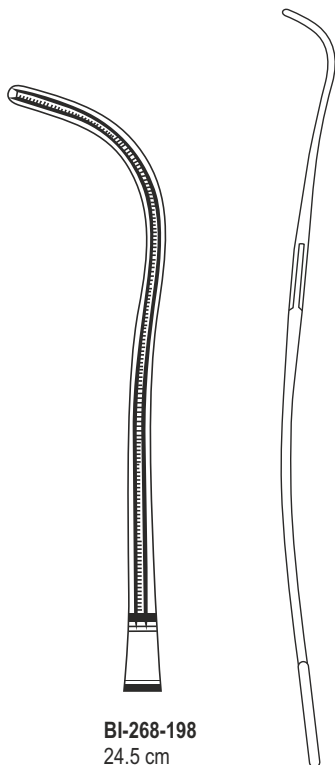


BI-267-196
27.5 cm



BI-267-197
28.5 cm

ATRAUMA



Aorta-Anastomosis Clamps, Anastomosis Clamps

Aorta-Anastomose-Klemmen, Anastomose-Klemmen

Braçadeiras Anastomose Aorta, Anastomose Braçadeiras

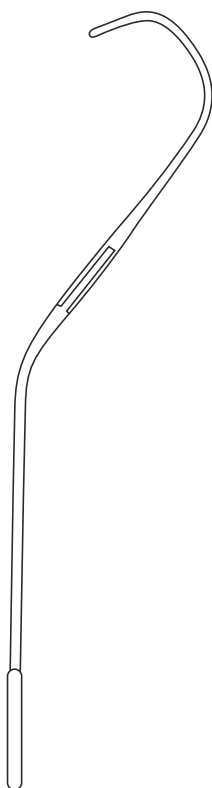
Abrazaderas de aorta-anastomosis, abrazaderas de anastomosis

ATRAUMA

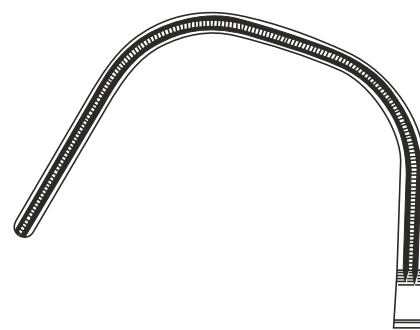


1/2

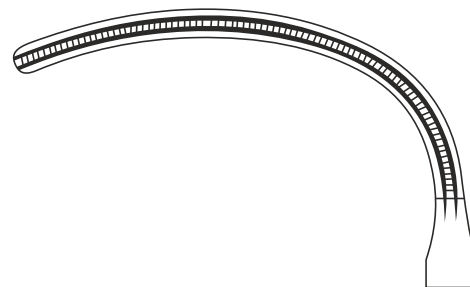
LambeBI-Kay
BI-269-267 - BI-269-268
20.5 cm
Aorta-Anastomosis clamp



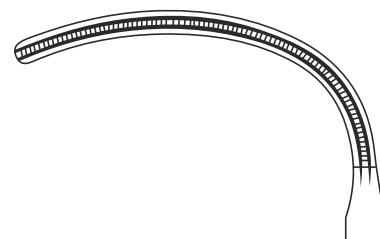
BI-269-201
22.5 cm



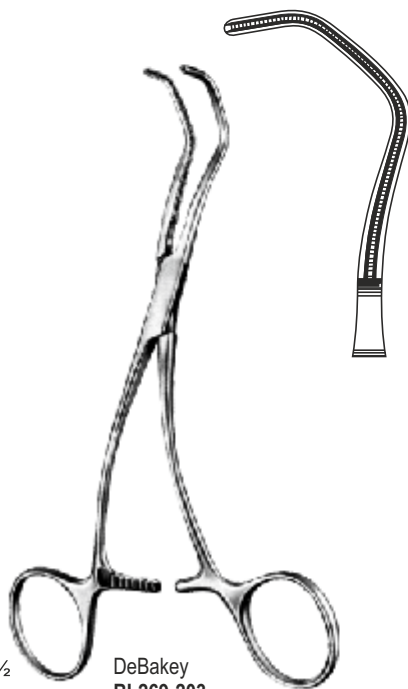
BI-269-202
20.5 cm



BI-269-204
22 cm



BI-269-205
18 cm



1/2

DeBaKey
BI-269-203
16.5 cm
Aorta-Anastomosis clamp



1/2

Glover
BI-269-204 - BI-269-205
18 cm
Anastomosis clamp

ATRAUMA



Haemostatic Forceps

Hämostatische Pinzetten

Pinça hemostática

Pinzas hemostáticas

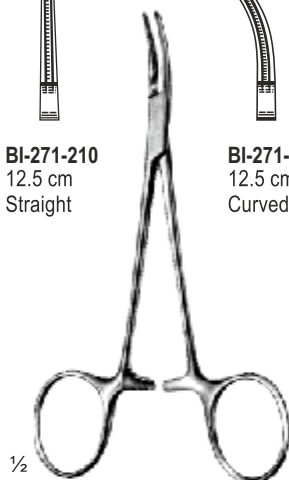
ATRAUMA



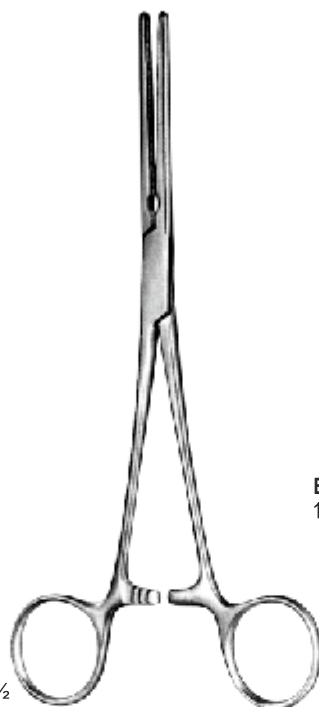
BI-271-210
12.5 cm
Straight



BI-271-211
12.5 cm
Curved



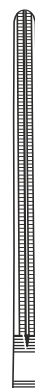
DeBailey-Mosquito
BI-271-210 - CS-495-211



DeBailey-Pean
BI-271-212 - BI-271-215
18.5 cm



BI-271-212
14.5 cm



BI-271-213
16.5 cm



BI-271-214
18.5 cm



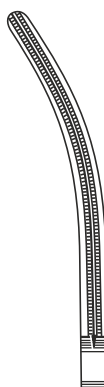
BI-271-215
20.5 cm



DeBailey-Pean
BI-271-216 - BI-271-219
18.5 cm



BI-271-216
14.5 cm



BI-271-217
16.5 cm



BI-271-218
18.5 cm

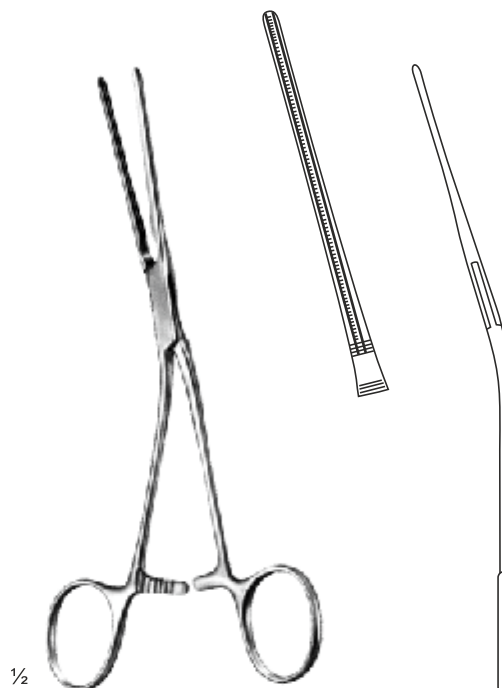


BI-271-219
20.5 cm

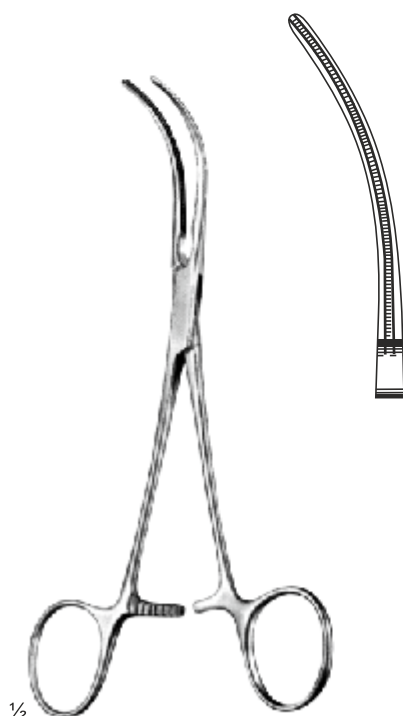
ATRAUMA



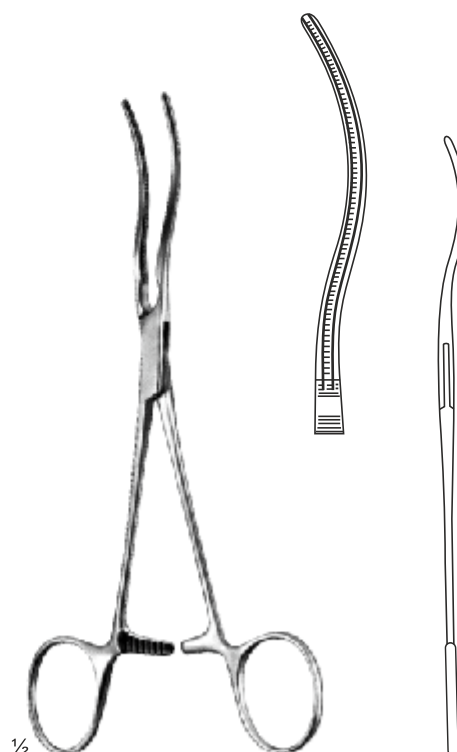
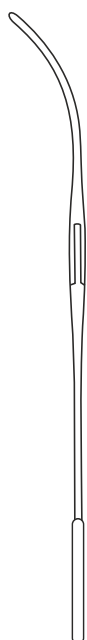
DeBakey
BI-272-220
15 cm



DeBakey
BI-272-221
16.5 cm



Glover
BI-272-222
17 cm



Glover
BI-272-223
17.5 cm

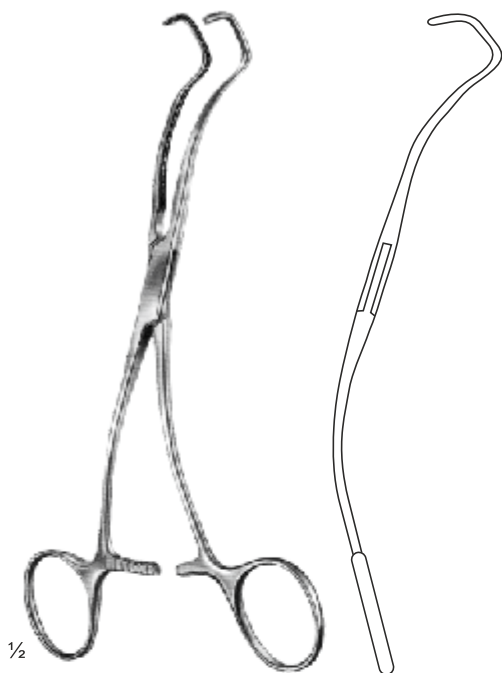
Anastomosis Clamps

Anastomoseschellen

Grampos Anastomose

Abrazaderas de anastomosis

ATRAUMA



Derra
BI-273-224 - CS-499-226
17.5 cm



Fig. 1
BI-273-224
16.5 cm



Fig. 2
BI-273-225
17 cm

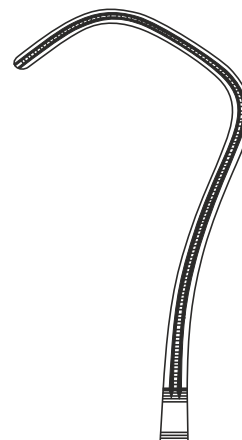


Fig. 3
BI-273-226
17.5 cm

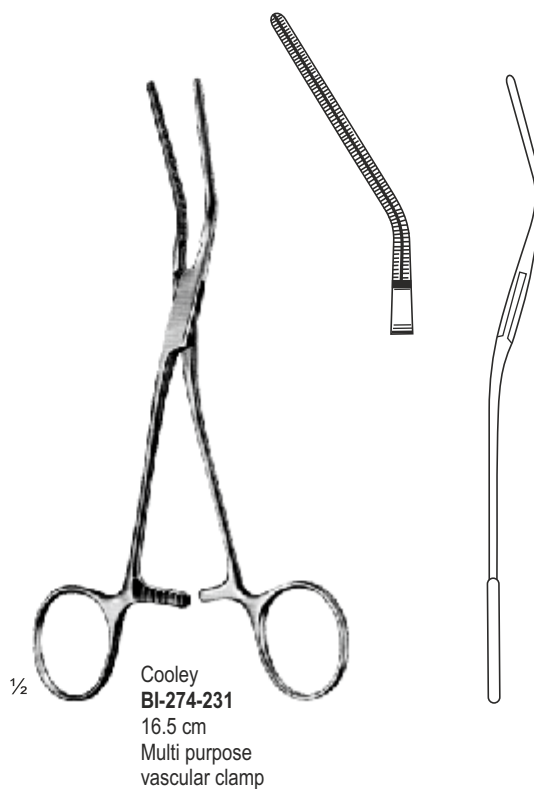
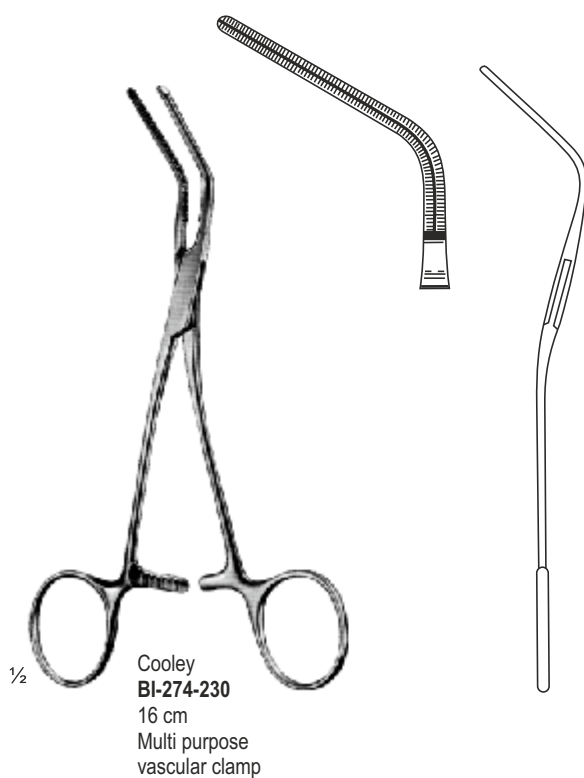
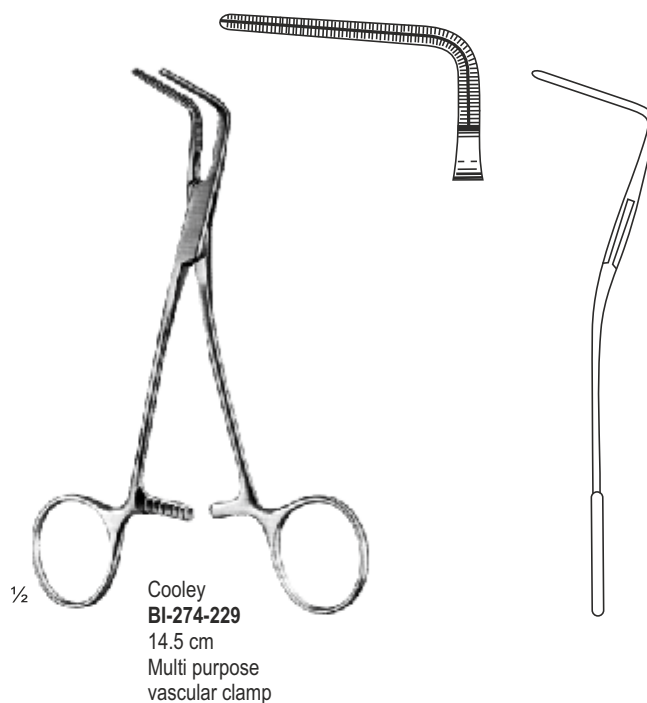
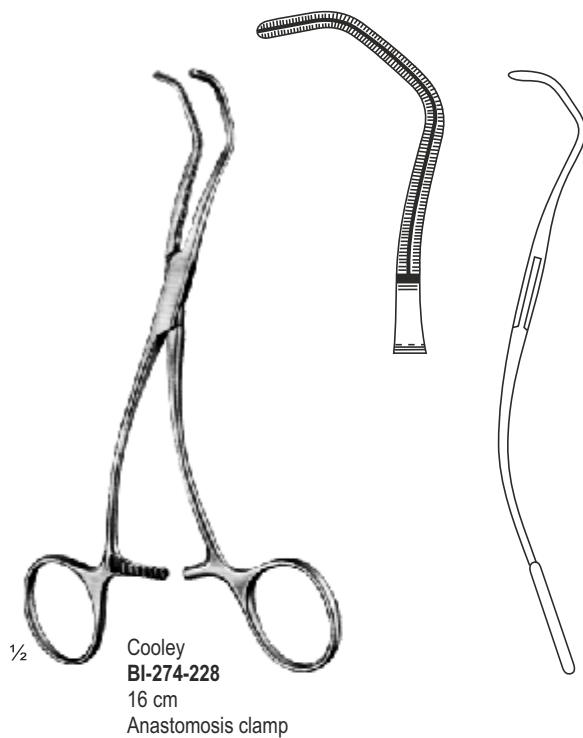


DeBakey-Beck
BI-273-227
17 cm

Anastomosis Clamps, Multi Purpose Vascular Clamps

Anastomosenklemmen, Mehrzweck-Gefäßklemmen
Braçadeiras Anastomose, Braçadeiras Vasculares Multifuncionais
Abrazaderas de anastomosis, abrazaderas vasculares multiuso

ATRAUMA





Neurosurgery, Laminectomy

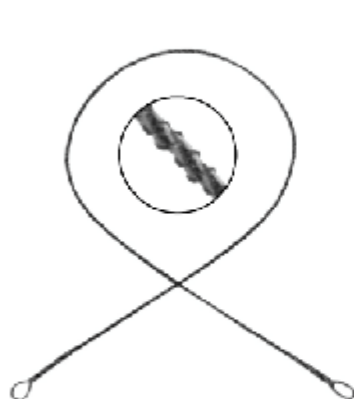
Neurochirurgie, Laminektomie

Neurocirurgia, Laminectomia

Neurocirugía, laminectomía

Page 276-330

Wire Saws
Sierras de alambre
Serras De Ar



Gigli
BI-276-001 - BI-276-005

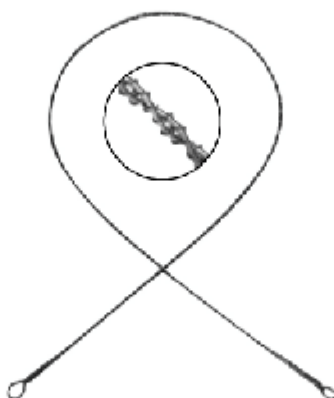
BI-276-001
30 cm

BI-276-002
40 cm

BI-276-003
50 cm

BI-276-004
60 cm

BI-276-005
70 cm



Karison
BI-276-006 - BI-276-010

BI-276-006
30 cm

BI-276-007
40 cm

BI-276-008
50 cm

BI-276-009
60 cm

BI-276-010
70 cm



1/4
Gigli
BI-276-011
Wire saw handle



1/2
Lebsche
BI-276-012
25 cm
Wire saw guide
malleabl



Gigli
BI-276-013 - BI-276-014
30.5 cm
Introducer guide

BI-276-013
5 mm
BI-276-014
7 mm



1/2
De Martel
BI-276-015
33 cm
Wire saw guide



BI-277-016
7 cm
Drill Point
3.5 mm Ø



BI-277-017
7 cm
Drill Point
5 mm Ø



Crutchfield
BI-277-016 - BI-277-017
Small pattern



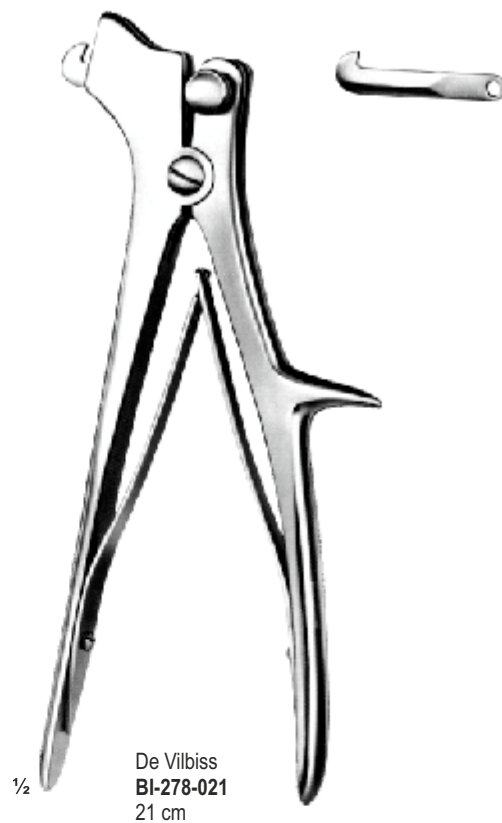
Crutchfield
BI-277-018
Medium pattern



BI-277-019
Large pattern
and spare pin

Cranial Rongeurs

Schädel Rongeurs
Rongeurs craneanos
Rongeurs craneales

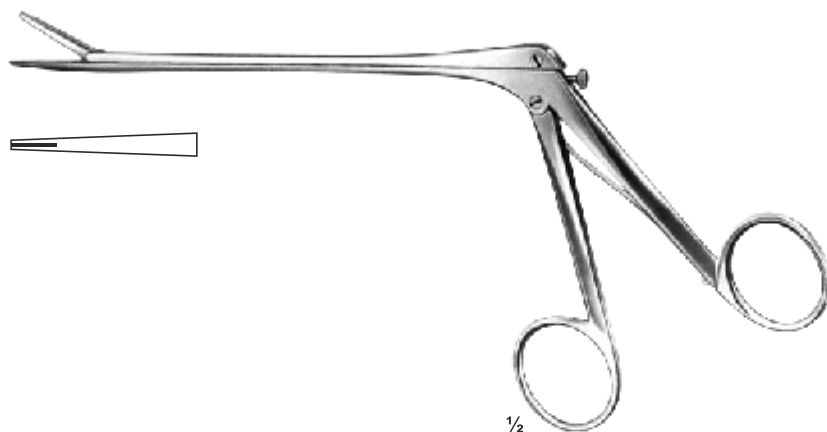


Clips and Applying Forceps

Clips und Anwendung Pinzetten

Clips e aplicação de fórceps

Clips y pinzas aplicadas



1/2

Olivecrona-Toennis

BI-279-024

Clip applying forceps



1/2

Mckenzie

BI-279-025

18.5 cm

Clip applying forceps



Kölner

BI-279-026

Scalp Clip



Raney

BI-279-027

Scalp Clip



1/2

Raney

BI-279-028

15.5 cm

Applying/Removal forceps

Nerve Root Retractors

Nervenzurzel-Reetraktoren

Retratores da Raiz Nervosa

Retradores de la raíz nerviosa



Fig. 1
Love
BI-280-029
21.5 cm



Fig. 2
Love
BI-280-030
17.5 cm

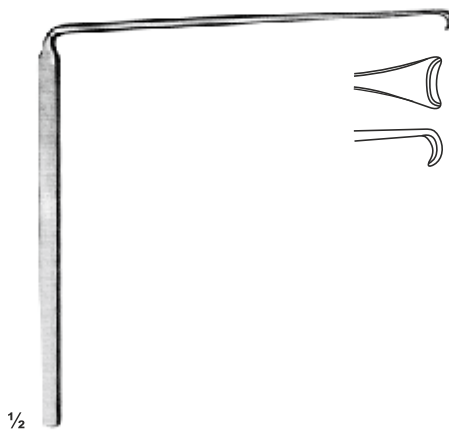


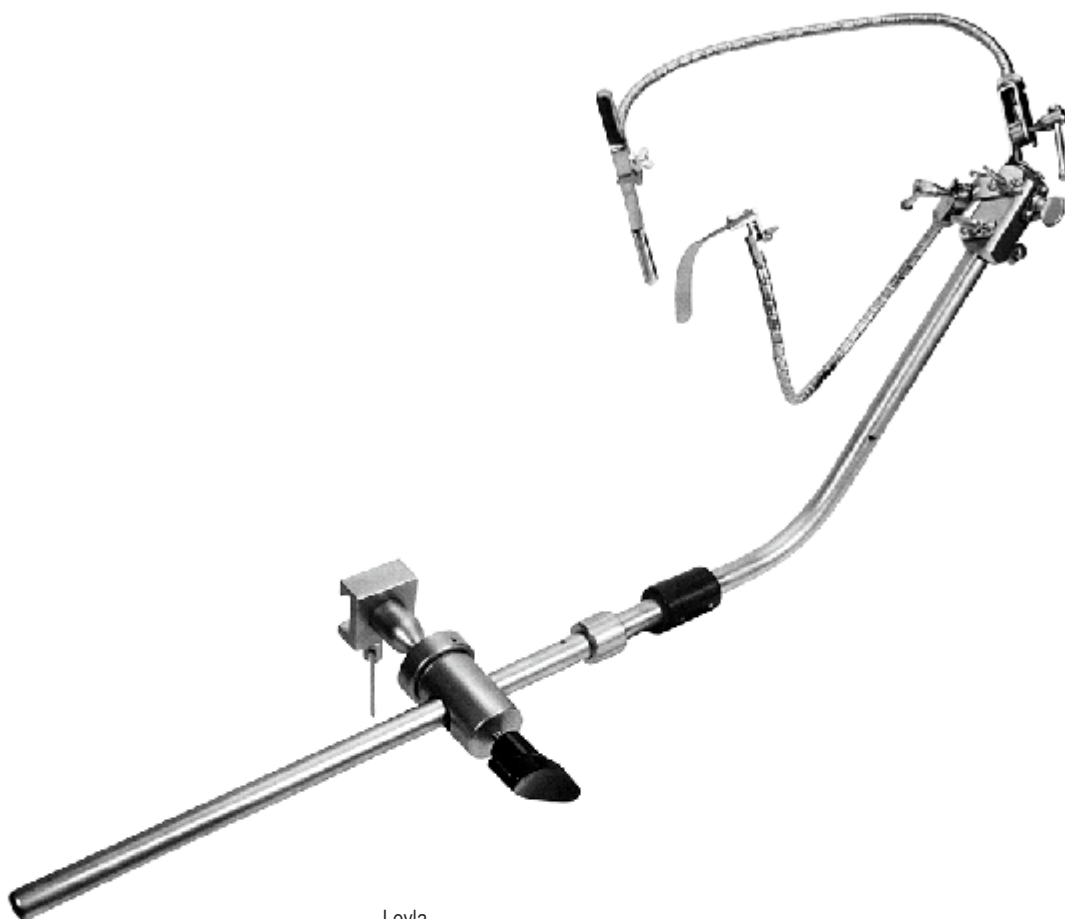
Fig. 3
Love
BI-280-031
11 cm



Love
BI-280-032
21 cm

Leyla Retractors System

Leyla Retraktorsystem
Sistema de Retratores Leyla
Sistema de retractoros Leyla



Leyla
BI-281-033
Self-Retaining Retractor
for fixation to operating table, complete,
consisting out of:

Leyla Retractors System

Leyla Retraktorsystem

Sistema de Retratores Leyla

Sistema de retractoros Leyla



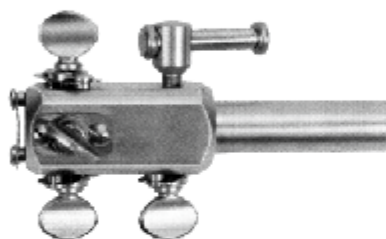
BI-282-034

Ball and Socket Joint
for fixation of holding rod
at the operating table



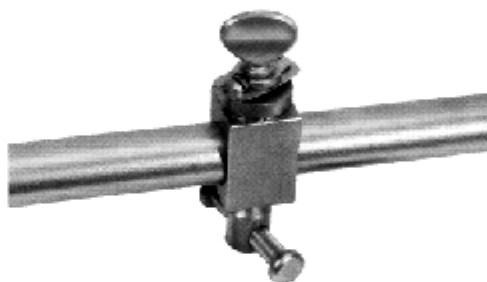
BI-282-035

Holding Rod, detachable,
for fixation in ball and socket joint
and to hold a desired coupling head



BI-282-036

Coupling Head
to hold 5 flexible arms



BI-282-037

Coupling Head, turnable,
to hold 1 flexible arm



Yasargil

BI-282-039

Brain Retractor, flexible, for 1 flat
spatula, complete, consisting out of:

Yasargil

BI-282-040

Brain Retractor, flexible, for 2 flat
spatula, complete, consisting out of:

Leyla Retractors System

Leyla Retraktorsystem
Sistema de Retratores Leyla
Sistema de retractoros Leyla



Yasargil
BI-283-041
Flexible arms, only



Yasargil
BI-283-042
Ear Specula Holder, complete, consisting out of:



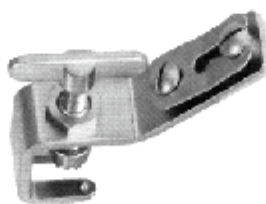
BI-283-043
Support for flat
brain spatula



BI-283-044
Support for brain
spatula with round shaf



BI-283-045
Fixation Base for skull mounting,
holding 2 flexible arms



BI-283-046
Fixation Base for skull mounting,
holding 1 flexible arm



BI-283-047
Fixation Base for mounting on bars
up to Ø 16 mm, for 1 flexible arm

Nerve Root Retractors

Nervenzurzel-Reetraktoren

Retradores da Raiz Nervosa

Retradores de la raíz nerviosa

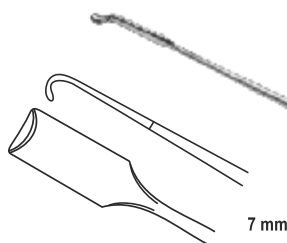


BI-284-048
3 mm

BI-284-049
5 mm

BI-284-050
7 mm

Hess
BI-284-048 - BI-284-050
17.5 cm

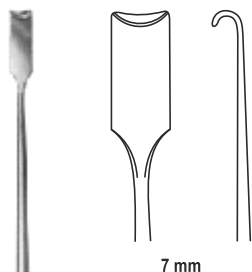


7 mm



1/2

Scoville
BI-284-051
16.5 cm

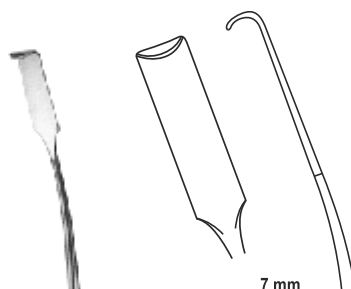


7 mm



1/2

Scoville
BI-284-052
23.5 cm



7 mm



1/2

Holsher
BI-284-053
24 cm



1/2

BI-284-054
6 mm

BI-284-055
8 mm

BI-284-056
10 mm

Caspar
BI-284-054 - BI-284-056
24.5 cm



Yasargil
BI-285-057
19 cm



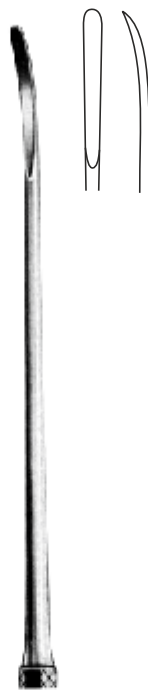
Yasargil
BI-285-058
19 cm



Yasargil
BI-285-059
19 cm



Yasargil
BI-285-060
19 cm



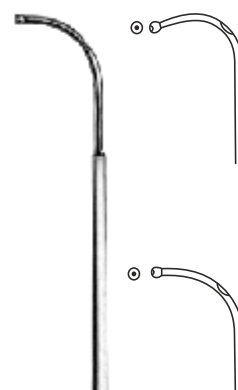
Yasargil
BI-285-061
19 cm



Yasargil
BI-285-062
19 cm



Jacobson
BI-285-063
19 cm



Jacobson
BI-285-064
19 cm



Yasargil
BI-285-065
19 cm



BI-285-066
19 cm



BI-285-067
19 cm

Yasargil



BI-285-068
19 cm



BI-285-069
19 cm

Yasargil
BI-285-057 - BI-285-069
19 cm

Nerve and Dura Hooks

Nerven- und Dura-Haken

Nervo e Ganchos Dura

Nervio y Dura Hooks



1/2

Smithwick
BI-286-070
29 cm
Dura Dissector



1/2

Smithwick
BI-286-071 - BI-286-272
Nerve hook



BI-286-071
17 cm



1/4
BI-286-072
21 cm



1/2

Hoen
BI-286-073
22 cm
11 mm



1/2

Dandy
BI-286-074
20 cm
4.0 mm



1/2

Dandy
BI-286-075
20 cm
4.0 mm



1/2

Dandy
BI-286-076
20 cm
4.0 mm



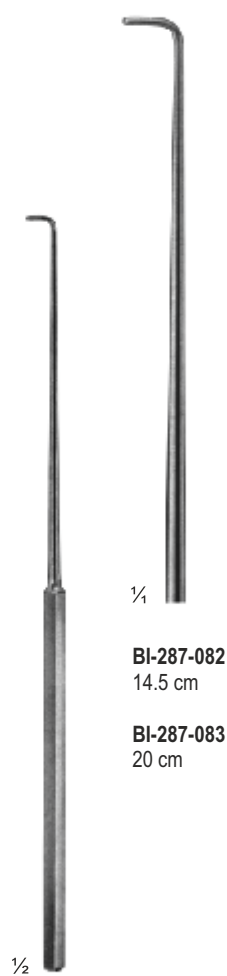
Adson
BI-287-077 - BI-287-078



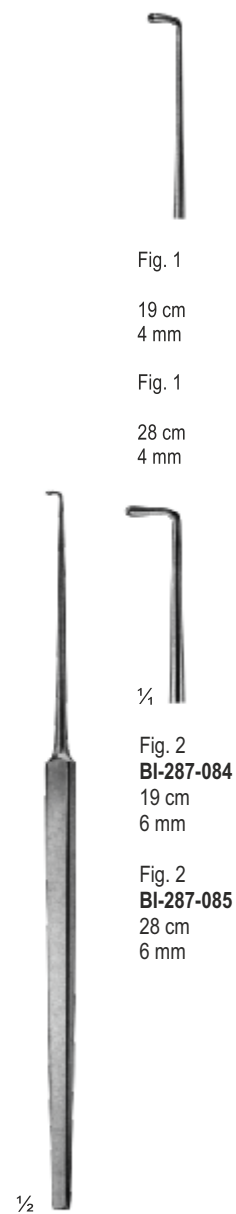
Graham
BI-287-079 - BI-287-080



Sachs
BI-287-081
17 cm



Crile
BI-287-082 - BI-287-083



Cushing
BI-287-084 - BI-287-085

Nerve and Dura Hooks

Nerven- und Dura-Haken

Nervo e Ganchos Dura

Nervio y Dura Hooks



Blalock
BI-288-086
23 cm



PBI
BI-288-087
19 cm
with ball



PBI
BI-288-088
19 cm



Adson
BI-288-089
20 cm
7 mm

Sharp



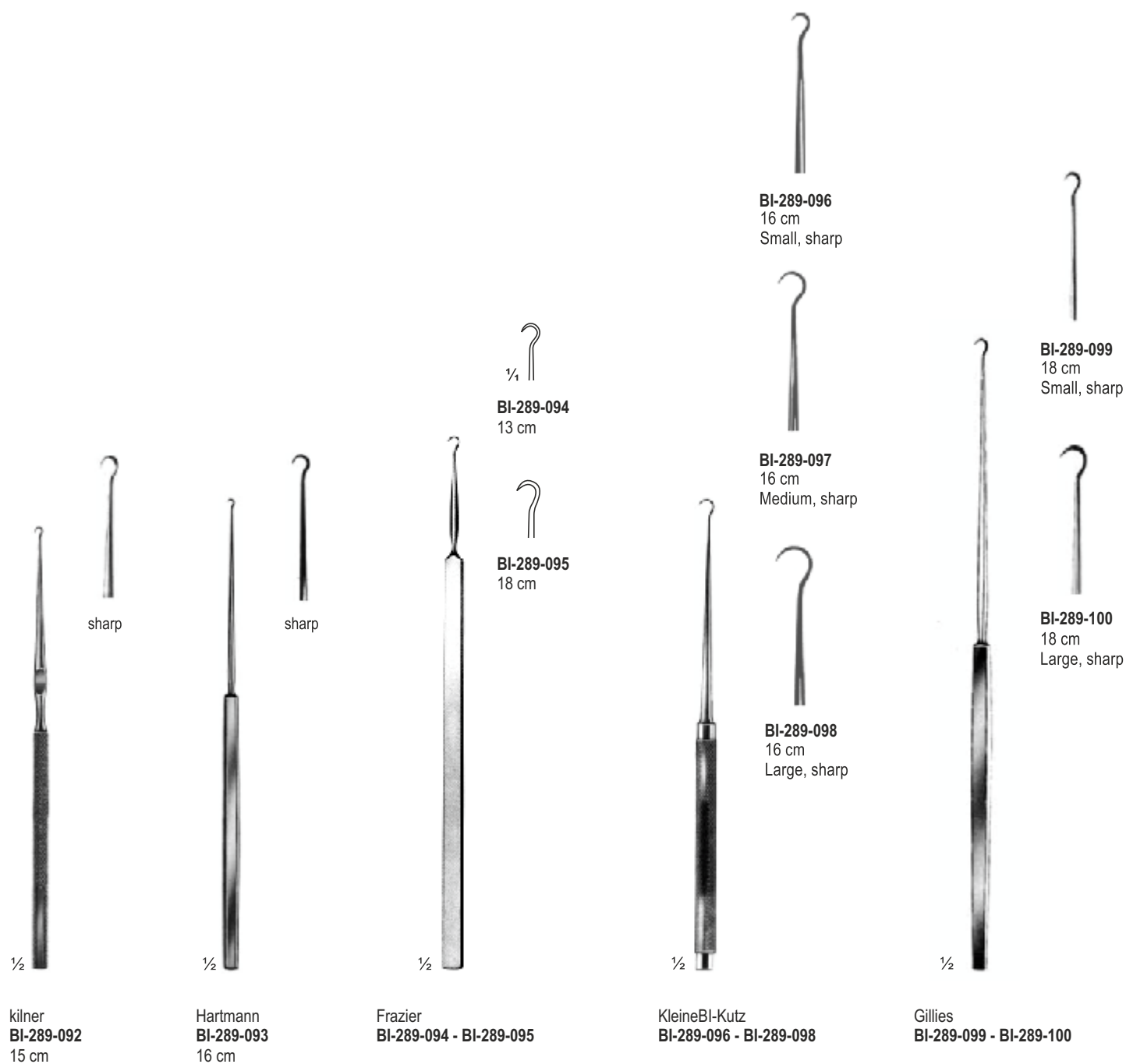
Adson
BI-288-090
20 cm
7 mm

Blunt



Sachs
BI-288-091
20 cm
7 mm

Sharp



Elevators Dissectors

Aufzüge Dissektoren
Dissectores de Elevadores
Disectores de ascensores



BI-290-101
30 cm



BI-290-102
41 cm



1/2



1/2



1/4



1/2



1/4



1/2



1/4



1/2



1/4

Yasargil
BI-290-101 - BI-290-102
Galea hook

Toennis
BI-290-103
24 cm
Dura dissectors

Davis
BI-290-104
21.5 cm
Dura dissectors
sharp

Davis
BI-290-105
24.5 cm
Dura dissectors

BI-290-106
22 cm



Freer
BI-291-107
18 cm
Septum elevator



Freer
BI-291-108
20 cm
Septum elevator



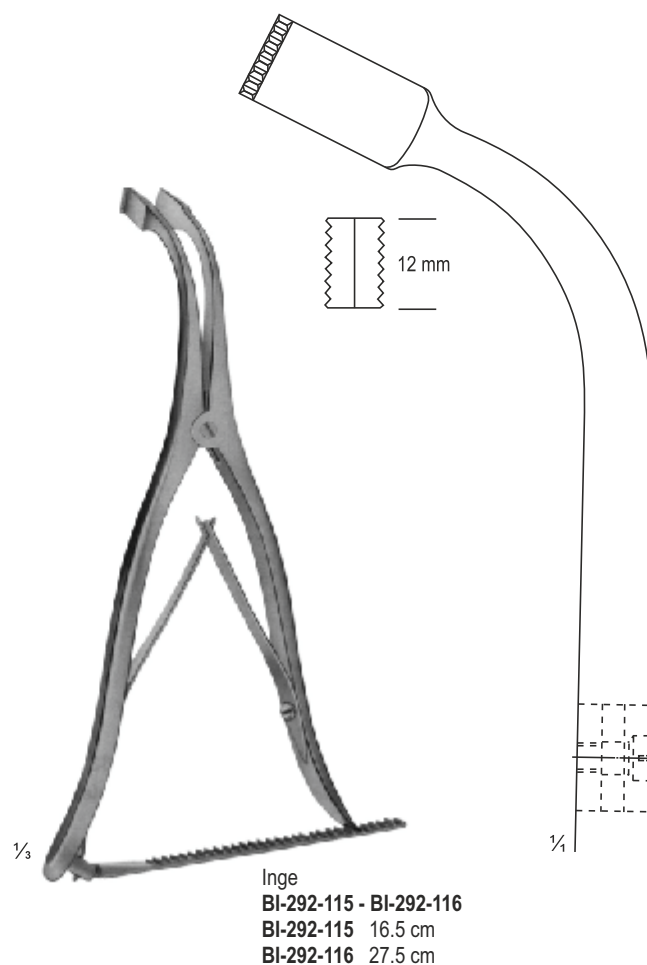
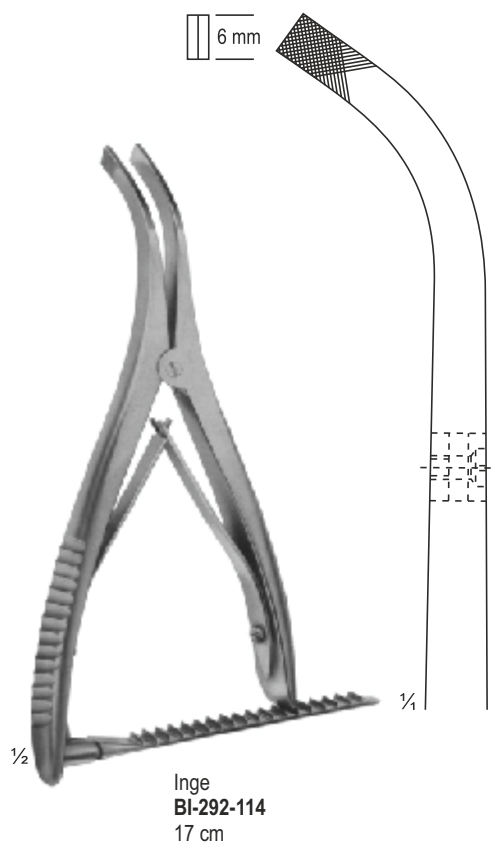
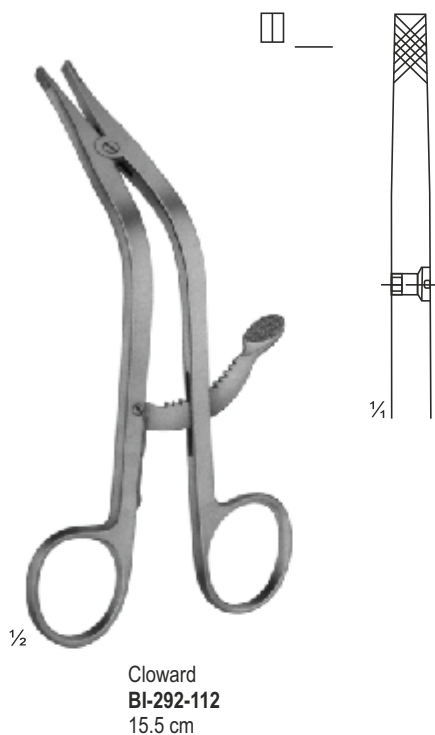
Micro Dissector
BI-291-109 - BI-291-110
BI-291-109 18.5 cm
BI-291-110 21.5 cm



Dorsey
BI-291-111
16.5 cm
17 mm/5 mm
Dura Separator

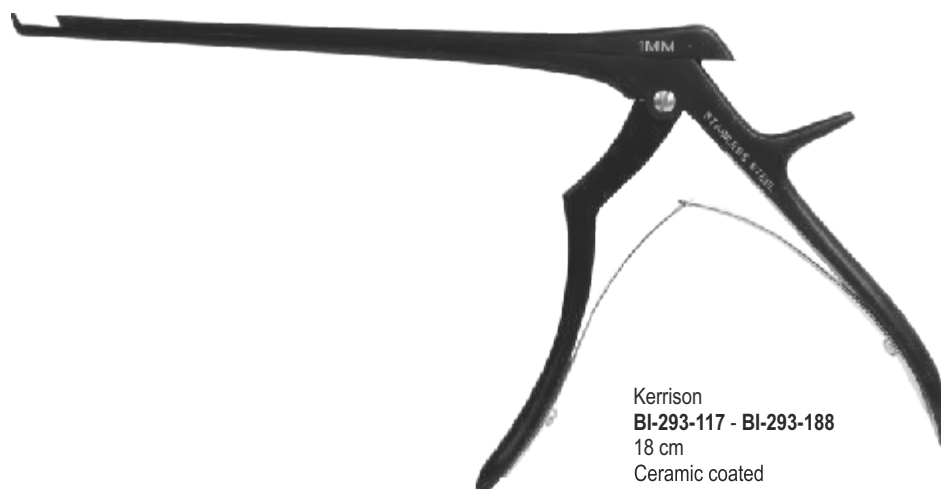
Lamina Spreaders

Lamina-Spreizer
Espalhadores de lamina
Espancadores de Lamina



Laminectomy Punches

Laminektomie Stanzen
Socos de laminectomia
Punzones de laminectomía



Kerrison
BI-293-117 - BI-293-188
18 cm
Ceramic coated

90°



40°



Up

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-293-117	BI-293-123	BI-293-129
BI-293-118	BI-293-124	BI-293-130
BI-293-119	BI-293-125	BI-293-131
BI-293-120	BI-293-126	BI-293-132
BI-293-121	BI-293-127	BI-293-133
BI-293-122	BI-293-128	BI-293-134

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-293-135	BI-293-141	BI-293-147
BI-293-136	BI-293-142	BI-293-148
BI-293-137	BI-293-143	BI-293-149
BI-293-138	BI-293-144	BI-293-150
BI-293-139	BI-293-145	BI-293-151
BI-293-140	BI-293-146	BI-293-152

90°



40°



Down

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-293-153	BI-293-159	BI-293-165
BI-293-154	BI-293-160	BI-293-166
BI-293-155	BI-293-161	BI-293-167
BI-293-156	BI-293-162	BI-293-168
BI-293-157	BI-293-163	BI-293-169
BI-293-158	BI-293-164	BI-293-170

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-293-171	BI-293-177	BI-293-183
BI-293-172	BI-293-178	BI-293-184
BI-293-173	BI-293-179	BI-293-185
BI-293-174	BI-293-180	BI-293-186
BI-293-175	BI-293-181	BI-293-187
BI-293-176	BI-293-182	BI-293-188

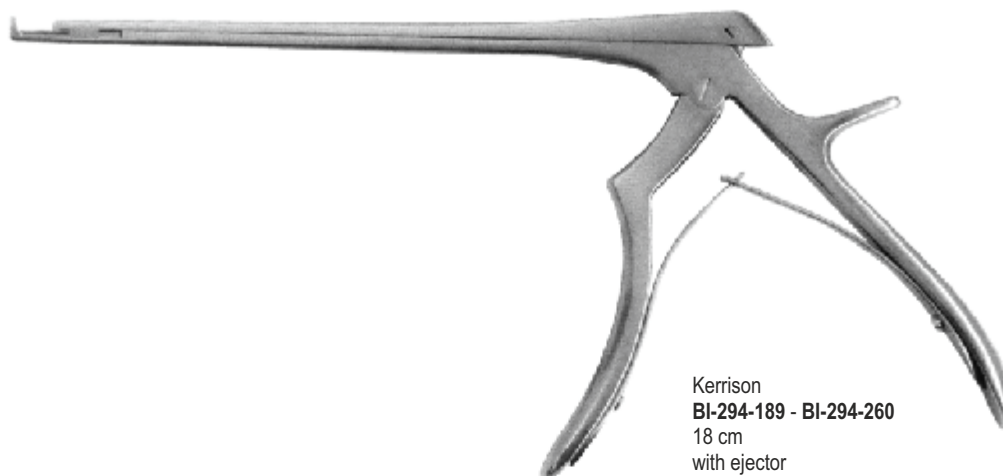
All sizes are also available in thin footplate

Laminectomy Punches

Laminektomie Stanzen

Socos de laminectomia

Punzones de laminectomía

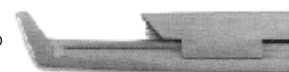


Kerrison
BI-294-189 - BI-294-260
18 cm
with ejector

90°



40°



Up

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-294-189	BI-294-195	BI-294-201
BI-294-190	BI-294-196	BI-294-202
BI-294-191	BI-294-197	BI-294-203
BI-294-192	BI-294-198	BI-294-204
BI-294-193	BI-294-199	BI-294-205
BI-294-194	BI-294-200	BI-294-206

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-294-207	BI-294-213	BI-294-219
BI-294-208	BI-294-214	BI-294-220
BI-294-209	BI-294-215	BI-294-221
BI-294-210	BI-294-216	BI-294-222
BI-294-211	BI-294-217	BI-294-223
BI-294-212	BI-294-218	BI-294-224

90°



40°



Down

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-294-225	BI-294-231	BI-294-237
BI-294-226	BI-294-232	BI-294-238
BI-294-227	BI-294-233	BI-294-239
BI-294-228	BI-294-234	BI-294-240
BI-294-229	BI-294-235	BI-294-241
BI-294-230	BI-294-236	BI-294-242

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-294-243	BI-294-249	BI-294-255
BI-294-244	BI-294-250	BI-294-256
BI-294-245	BI-294-251	BI-294-257
BI-294-246	BI-294-252	BI-294-258
BI-294-247	BI-294-253	BI-294-259
BI-294-248	BI-294-254	BI-294-260

All sizes are also available in thin footplate and black coating

Laminectomy Punches

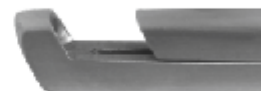
Laminektomie Stanzen
Socos de laminectomia
Punzones de laminectomía



90°



40°



Up

-  1 mm
 2 mm
 3 mm
 4 mm
 5 mm
 6 mm

	Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-295-261	BI-295-267	BI-295-273	
BI-295-262	BI-295-268	BI-295-274	
BI-295-263	BI-295-269	BI-295-275	
BI-295-264	BI-295-270	BI-295-276	
BI-295-265	BI-295-271	BI-295-277	
BI-295-266	BI-295-272	BI-295-278	

	Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-295-279	BI-295-285	BI-295-291	
BI-295-280	BI-295-286	BI-295-292	
BI-295-281	BI-295-287	BI-295-294	
BI-295-282	BI-295-288	BI-295-295	
BI-295-283	BI-295-289	BI-295-596	
BI-295-284	BI-295-290	BI-295-297	

90°



40°



Down

-  1 mm
 2 mm
 3 mm
 4 mm
 5 mm
 6 mm

	Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-295-298	BI-295-304	BI-295-310	
BI-295-299	BI-295-305	BI-295-311	
BI-295-300	BI-295-306	BI-295-312	
BI-295-301	BI-295-307	BI-295-313	
BI-295-302	BI-295-308	BI-295-314	
BI-295-303	BI-295-309	BI-295-315	

	Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-295-316	BI-295-322	BI-295-328	
BI-295-317	BI-295-323	BI-295-329	
BI-295-318	BI-295-324	BI-295-330	
BI-295-319	BI-295-325	BI-295-331	
BI-295-320	BI-295-326	BI-295-332	
BI-295-321	BI-295-327	BI-295-333	

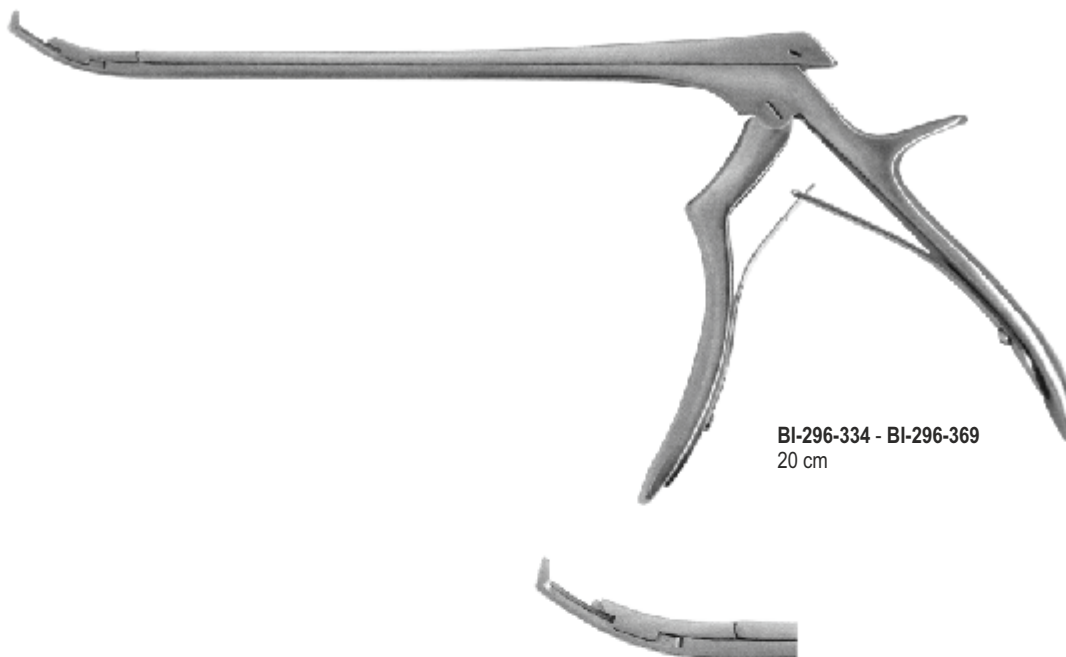
All sizes are also available in thin footplate

Laminectomy Punches

Laminektomie Stanzen

Socos de laminectomia

Punzones de laminectomía



BI-296-334 - BI-296-369
20 cm

Up

- △ 1 mm, 130° (40°)
- ◐ 2 mm, 130° (40°)
- ◑ 3 mm, 130° (40°)
- ◒ 4 mm, 130° (40°)
- ◓ 5 mm, 130° (40°)
- ◔ 6 mm, 130° (40°)

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm	Foraminotomy Punches
BI-296-334	BI-296-340	BI-296-346	with ejector
BI-296-335	BI-296-341	BI-296-347	with ejector
BI-296-336	BI-296-342	BI-296-348	with ejector
BI-296-337	BI-296-343	BI-296-349	with ejector
BI-296-338	BI-296-344	BI-296-350	with ejector
BI-296-339	BI-296-345	BI-296-351	with ejector

Down

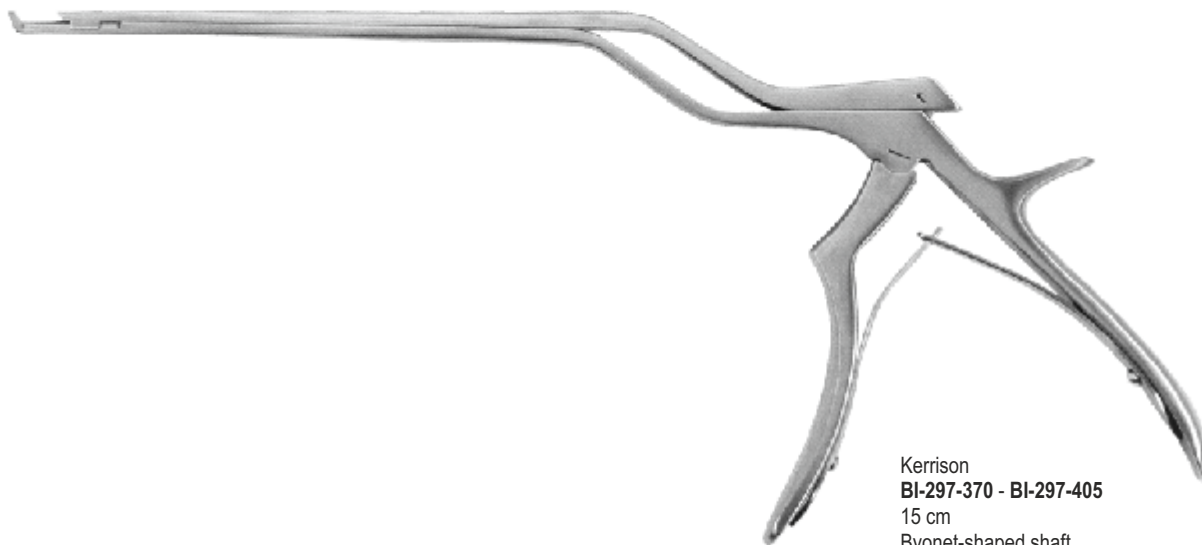
- △ 1 mm, 130° (40°)
- ◐ 2 mm, 130° (40°)
- ◑ 3 mm, 130° (40°)
- ◒ 4 mm, 130° (40°)
- ◓ 5 mm, 130° (40°)
- ◔ 6 mm, 130° (40°)

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm	Foraminotomy Punches
BI-296-352	BI-296-358	BI-296-364	with ejector
BI-296-353	BI-296-359	BI-296-365	with ejector
BI-296-354	BI-296-360	BI-296-366	with ejector
BI-296-355	BI-296-361	BI-296-367	with ejector
BI-296-356	BI-296-362	BI-296-368	with ejector
BI-296-357	BI-296-363	BI-296-369	with ejector

All sizes are also available in thin footplate and black coating

Laminectomy Punches

Laminektomie Stanzen
Socos de laminectomia
Punzones de laminectomía



Kerrison
BI-297-370 - BI-297-405
15 cm
Byonet-shaped shaft



Up

	1 mm, 90°
	2 mm, 90°
	3 mm, 90°
	4 mm, 90°
	5 mm, 90°
	6 mm, 90°

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm	Foraminotomy Punches
BI-297-370	BI-297-376	BI-297-382	with ejector
BI-297-371	BI-297-377	BI-297-383	with ejector
BI-297-372	BI-297-378	BI-297-384	with ejector
BI-297-373	BI-297-379	BI-297-385	with ejector
BI-297-374	BI-297-380	BI-297-386	with ejector
BI-297-375	BI-297-381	BI-297-387	with ejector



Down

	1 mm, 130° (40°)
	2 mm, 130° (40°)
	3 mm, 130° (40°)
	4 mm, 130° (40°)
	5 mm, 130° (40°)
	6 mm, 130° (40°)

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm	Foraminotomy Punches
BI-297-388	BI-297-394	BI-297-400	with ejector
BI-297-389	BI-297-395	BI-297-401	with ejector
BI-297-390	BI-297-396	BI-297-402	with ejector
BI-297-391	BI-297-397	BI-297-403	with ejector
BI-297-392	BI-297-398	BI-297-404	with ejector
BI-297-393	BI-297-399	BI-297-405	with ejector

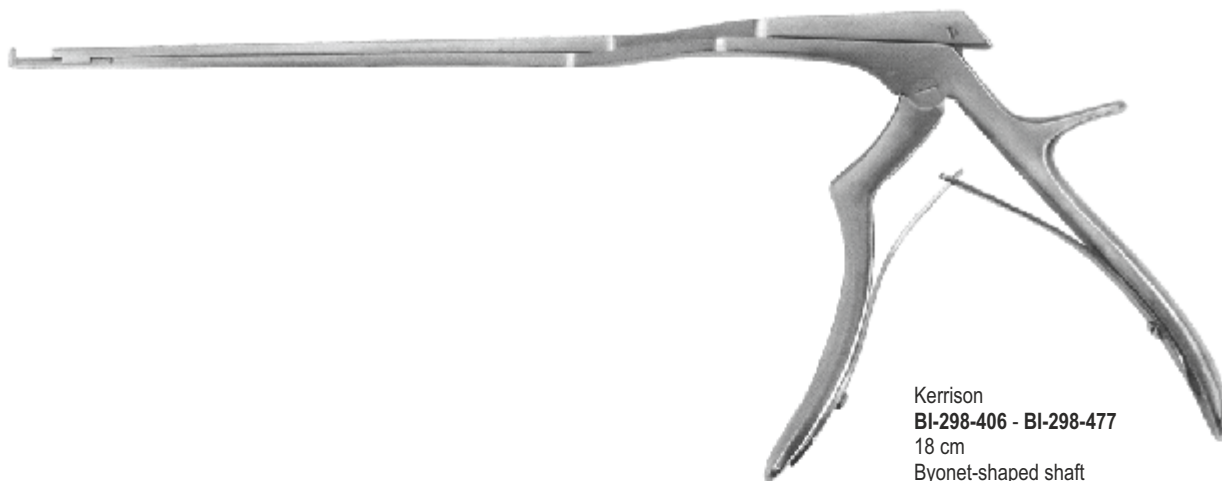
All sizes are also available in thin footplate and black coating

Laminectomy Punches

Laminektomie Stanzen

Socos de laminectomia

Punzones de laminectomía



Kerrison
BI-298-406 - BI-298-477
18 cm
Byonet-shaped shaft

90°



130° (40°)



Up

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm



Bayonet left

Length of shaft 110 mm	Length of shaft 150 mm	Length of shaft 180 mm	Length of shaft 110 mm	Length of shaft 150 mm	Length of shaft 180 mm
BI-298-406	BI-298-412	BI-298-418	BI-298-424	BI-298-430	BI-298-436
BI-298-407	BI-298-413	BI-298-419	BI-298-425	BI-298-431	BI-298-437
BI-298-408	BI-298-414	BI-298-420	BI-298-426	BI-298-432	BI-298-438
BI-298-409	BI-298-415	BI-298-421	BI-298-427	BI-298-433	BI-298-439
BI-298-410	BI-298-416	BI-298-422	BI-298-428	BI-298-434	BI-298-440
BI-298-411	BI-298-417	BI-298-423	BI-298-429	BI-298-435	BI-298-441

90°

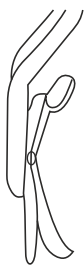


130° (40°)



Down

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm



Bayonet right

Length of shaft 110 mm	Length of shaft 150 mm	Length of shaft 180 mm	Length of shaft 110 mm	Length of shaft 150 mm	Length of shaft 180 mm
BI-298-442	BI-298-448	BI-298-454	BI-298-460	BI-298-466	BI-298-472
BI-298-443	BI-298-449	BI-298-455	BI-298-461	BI-298-467	BI-298-473
BI-298-444	BI-298-450	BI-298-456	BI-298-462	BI-298-468	BI-298-474
BI-298-445	BI-298-451	BI-298-457	BI-298-463	BI-298-469	BI-298-475
BI-298-446	BI-298-452	BI-298-458	BI-298-464	BI-298-470	BI-298-476
BI-298-447	BI-298-453	BI-298-459	BI-298-465	BI-298-471	BI-298-477

All sizes are also available in thin footplate and black coating

Laminectomy Punches

Laminektomie Stanzen
Socos de laminectomia
Punzones de laminectomía



45°



Up

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-299-478	BI-299-484	BI-299-490
BI-299-479	BI-299-485	BI-299-491
BI-299-480	BI-299-486	BI-299-492
BI-299-481	BI-299-487	BI-299-493
BI-299-482	BI-299-488	BI-299-494
BI-299-483	BI-299-489	BI-299-495

90°



Up

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-299-496	BI-299-502	BI-299-508
BI-299-497	BI-299-503	BI-299-509
BI-299-498	BI-299-504	BI-299-510
BI-299-499	BI-299-505	BI-299-511
BI-299-500	BI-299-506	BI-299-512
BI-299-501	BI-299-507	BI-299-513

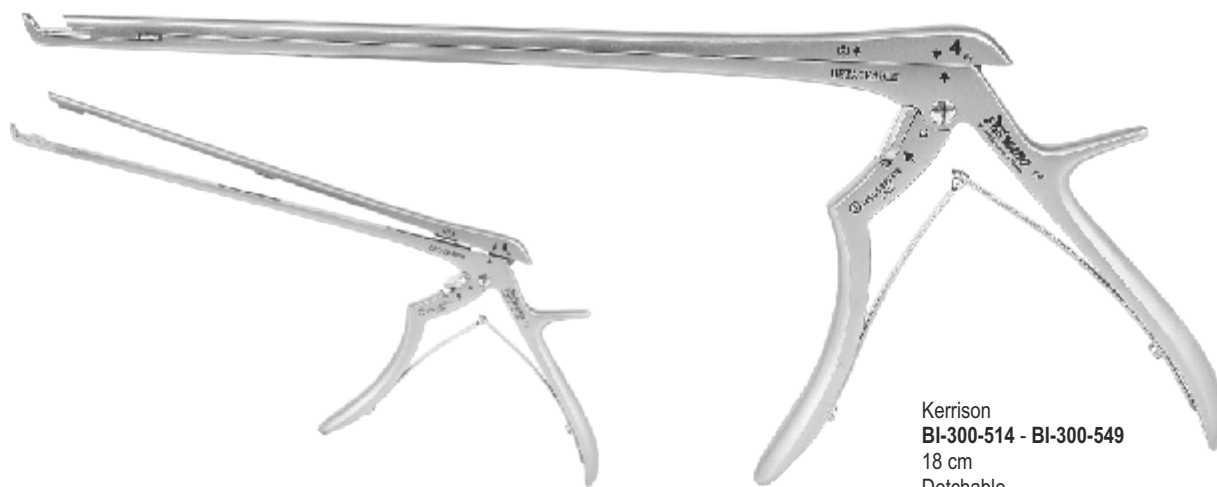
All sizes are also available in thin footplate

Laminectomy Punches

Laminektomie Stanzen

Socos de laminectomia

Punzones de laminectomía



Kerrison
BI-300-514 - BI-300-549
18 cm
Detachable

45°



Up

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm

Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-300-514	BI-300-520	BI-300-526
BI-300-515	BI-300-521	BI-300-527
BI-300-516	BI-300-522	BI-300-528
BI-300-517	BI-300-523	BI-300-529
BI-300-518	BI-300-524	BI-300-530
BI-300-519	BI-300-525	BI-300-531

90°

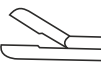


Up

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm

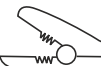
Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
BI-300-532	BI-300-538	BI-300-544
BI-300-533	BI-300-539	BI-300-545
BI-300-534	BI-300-540	BI-300-546
BI-300-535	BI-300-541	BI-300-547
BI-300-536	BI-300-542	BI-300-548
BI-300-537	BI-300-543	BI-300-549

All sizes are also available in thin footplate and black coating

Working Length	Jaw	  		
		Straight	Upwards	Downwards
2 mm	16 cm	BI-301-550	BI-301-560	BI-301-570
	18 cm	BI-301-551	BI-301-561	BI-301-571
2.5 mm	16 cm	BI-301-552	BI-301-562	BI-301-572
	18 cm	BI-301-553	BI-301-563	BI-301-573
3 mm	16 cm	BI-301-554	BI-301-564	BI-301-574
	18 cm	BI-301-555	BI-301-565	BI-301-575
4 mm	16 cm	BI-301-556	BI-301-566	BI-301-576
	18 cm	BI-301-557	BI-301-567	BI-301-577
5 mm	16 cm	BI-301-558	BI-301-568	BI-301-578
	18 cm	BI-301-559	BI-301-569	BI-301-579

Fenestrated jaw, serrated

Caspar
BI-301-550 - BI-301-579

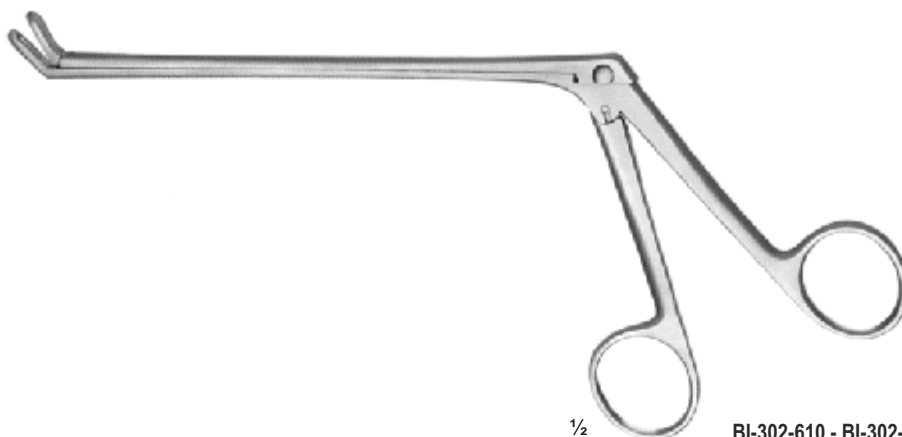
Working Length	Jaw	  		
		Straight	Upwards	Downwards
2 mm	16 cm	BI-301-580	BI-301-590	BI-301-600
	18 cm	BI-301-581	BI-301-591	BI-301-601
2.5 mm	16 cm	BI-301-582	BI-301-592	BI-301-602
	18 cm	BI-301-583	BI-301-593	BI-301-603
3 mm	16 cm	BI-301-584	BI-301-594	BI-301-604
	18 cm	BI-301-585	BI-301-595	BI-301-605
4 mm	16 cm	BI-301-586	BI-301-596	BI-301-606
	18 cm	BI-301-587	BI-301-597	BI-301-607
5 mm	16 cm	BI-301-588	BI-301-598	BI-301-608
	18 cm	BI-301-589	BI-301-599	BI-301-609

Fenestrated jaw, serrated

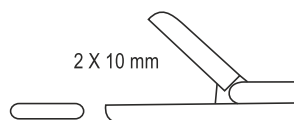
Caspar
BI-301-580 - BI-301-609

All sizes are also available in black coating

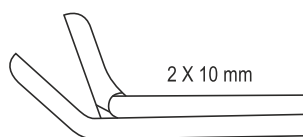
Rongeurs
Nagetierte
roedores
roedores



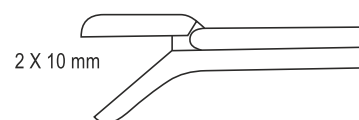
BI-302-610 - BI-302-636



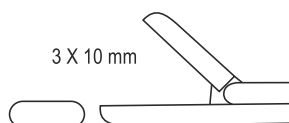
Cushing
BI-302-610 12 cm
BI-302-611 15 cm
BI-302-612 18 cm
Straight



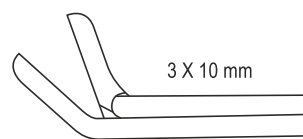
Cushing
BI-302-613 12 cm
BI-302-614 15 cm
BI-302-615 18 cm
Upwards



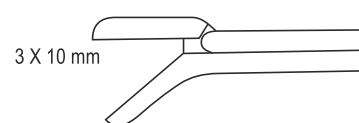
Cushing
BI-302-616 12 cm
BI-302-617 15 cm
BI-302-618 18 cm
Downwards



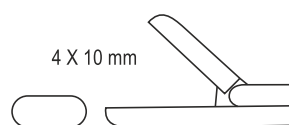
Love-Gruenwald
BI-302-619 12 cm
BI-302-620 15 cm
BI-302-621 18 cm
Straight



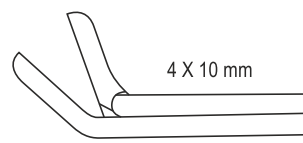
Love-Gruenwald
BI-302-622 12 cm
BI-302-623 15 cm
BI-302-624 18 cm
Upwards



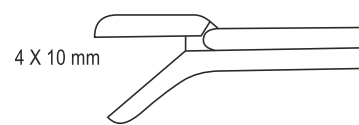
Love-Gruenwald
BI-302-625 12 cm
BI-302-626 15 cm
BI-302-627 18 cm
Downwards



Spurling
BI-302-628 12 cm
BI-302-629 15 cm
BI-302-630 18 cm
Straight

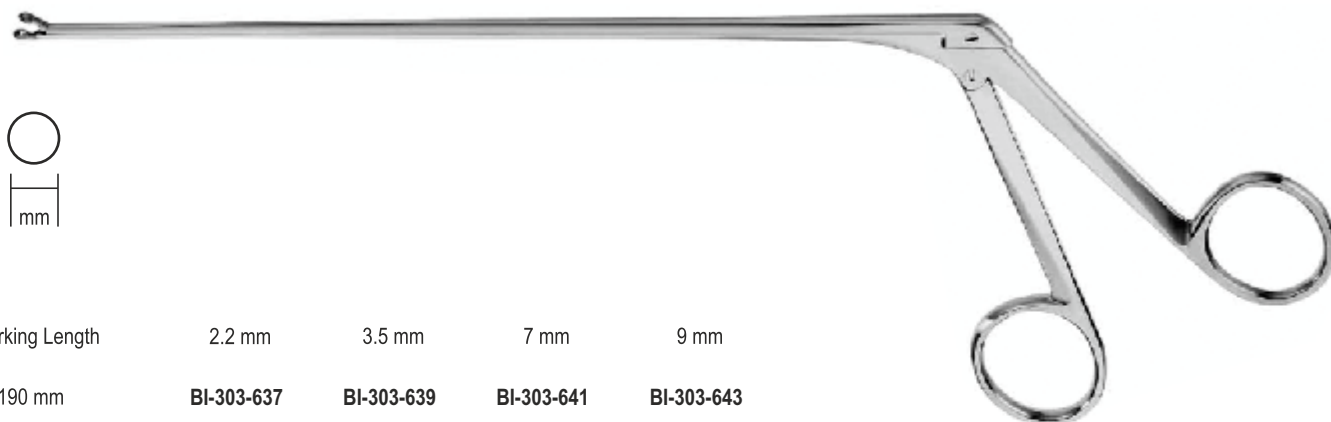


Spurling
BI-302-631 12 cm
BI-302-632 15 cm
BI-302-633 18 cm
Upwards

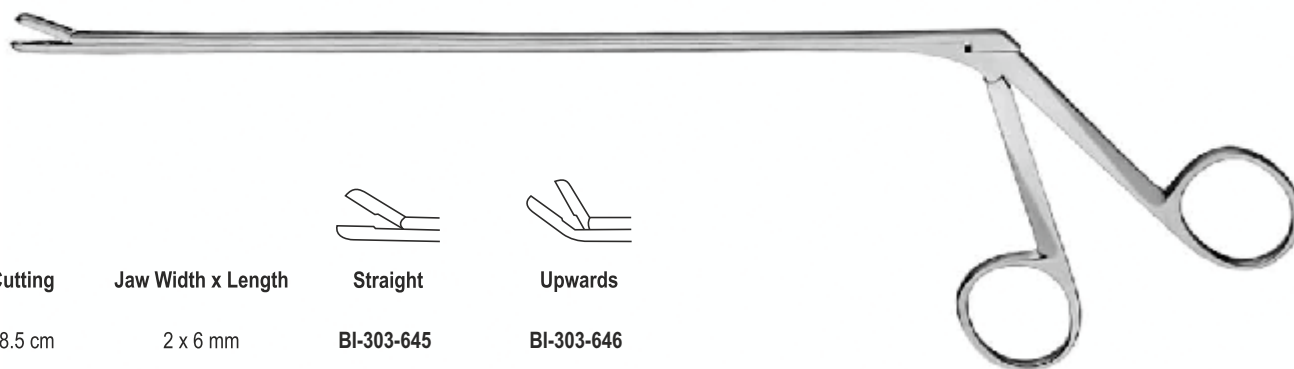


Spurling
BI-302-634 12 cm
BI-302-635 15 cm
BI-302-636 18 cm
Downwards

All sizes are also available in black coating



Working Length	2.2 mm	3.5 mm	7 mm	9 mm
190 mm	BI-303-637	BI-303-639	BI-303-641	BI-303-643
140 mm	BI-303-638	BI-303-640	BI-303-642	BI-303-644

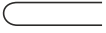
Oldberg
BI-303-637 - BI-303-644

Cutting	Jaw Width x Length	 Straight	 Upwards
18.5 cm	2 x 6 mm	BI-303-645	BI-303-646

Decker
BI-303-645 - BI-303-646
Micro disc rongeur

All sizes are also available in black coating

Rongeurs
Nagetierte
roedores
roedores

Jaw		Working Length		Straight Upwards Downwards		
	2 mm	Beck	130 mm	BI-304-647		
	3 mm	St. Barts	114 mm	BI-304-648	BI-304-651	BI-304-653
	3 mm	Takahashi	120 mm	BI-304-649	BI-304-652	
	3 mm	Penny-Backer	120 mm	BI-304-650		

Takahashi
BI-304-647 - BI-304-653

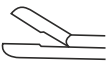
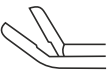
Jaw		Working Length		Straight	
	2.2 mm	190 mm	BI-304-654	Sharp pituitary rongeur	
	9 mm	200 mm	BI-304-655	Tumor grasping forceps, blunt	

Landolt
BI-304-654 - BI-304-655

Jaw		Working Length		Straight	
	3.5 mm	190 mm	BI-304-656	Sharp pituitary rongeur	

Yasargil
BI-304-656

All sizes are also available in black coating

	Jaw	Working Length	 Straight	 Upwards
	2 mm	120 mm	BI-305-657	BI-305-665
	2.5 mm	120 mm	BI-305-658	BI-305-666
	3 mm	120 mm	BI-305-659	BI-305-667
	3.5 mm	120 mm	BI-305-660	BI-305-668
	4 mm	120 mm	BI-305-661	BI-305-669
	4.5 mm	120 mm	BI-305-662	BI-305-670
	5 mm	120 mm	BI-305-663	BI-305-671
	6 mm	120 mm	BI-305-664	BI-305-672

Weil-Blakesley
BI-305-657 - BI-305-672

	Jaw	Working Length	Straight	Upwards
	5.3 mm	255 mm	BI-305-673	BI-305-676
	5.5 mm	210 mm	BI-305-674	BI-305-677
	5.8 mm	255 mm	BI-305-675	BI-305-678

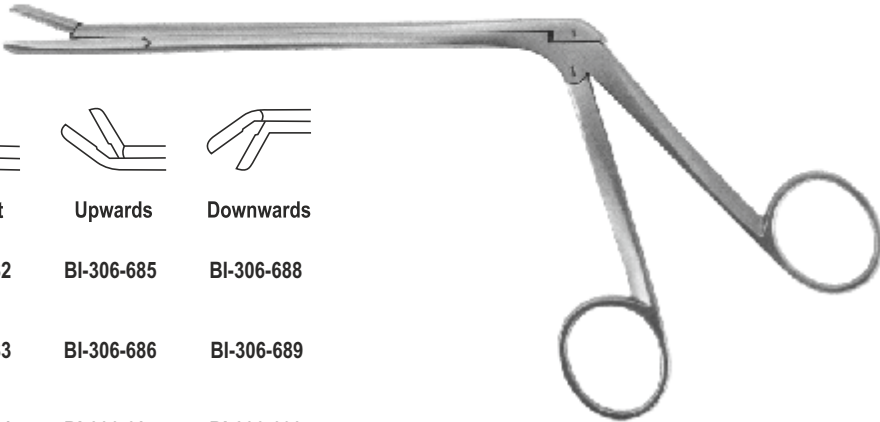
Wagner
BI-305-673 - BI-305-678

All sizes are also available in black coating

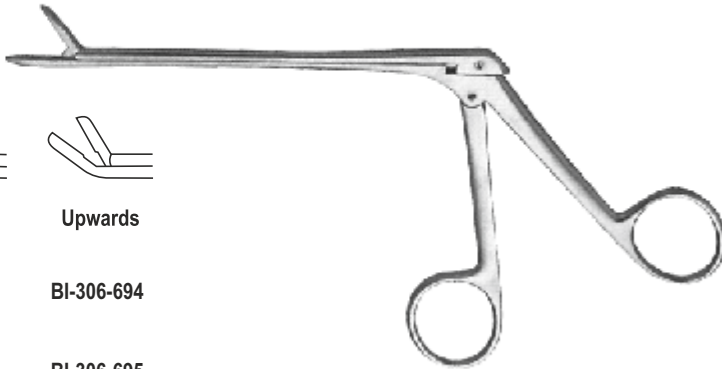
Rongeurs
Nagetierte
roedores
roedores

	Jaw	Working Length	Straight	
	2 x 10 mm	130 mm	BI-306-679	
	3 x 10 mm	130 mm	BI-306-680	
	4 x 10 mm	130 mm	BI-306-681	

Schlesinger
BI-306-679 - BI-306-681

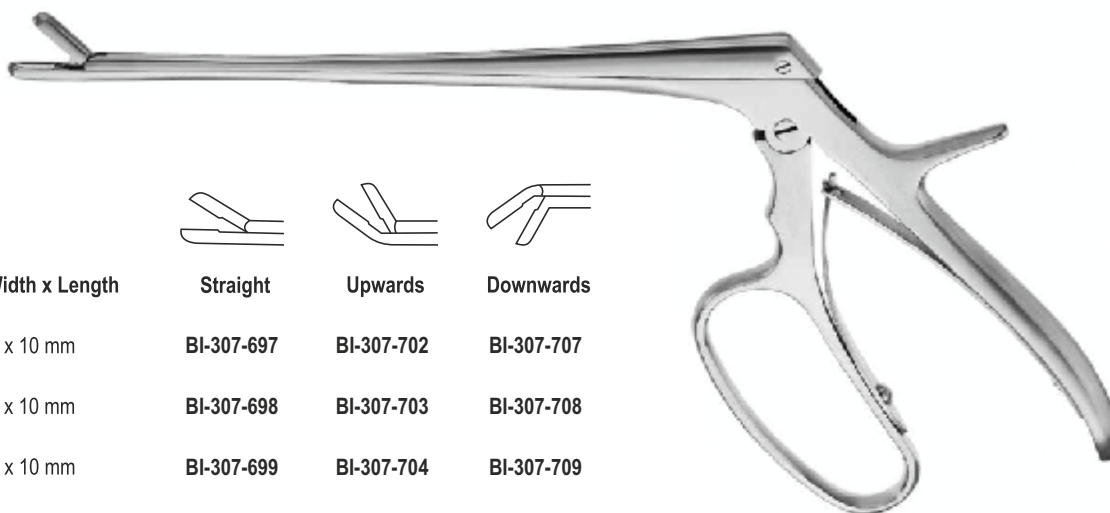
	Jaw	Working Length	Straight	Upwards	Downwards	
	6 x 10 mm	120 mm	BI-306-682	BI-306-685	BI-306-688	
	6 x 10 mm	150 mm	BI-306-683	BI-306-686	BI-306-689	
	6 x 10 mm	180 mm	BI-306-684	BI-306-687	BI-306-690	

Cloward
BI-306-682 - BI-306-690

	Jaw	Working Length	Straight	Upwards	
	3 x 8 mm	130 mm 170 mm	BI-306-691	BI-306-694	
	4 x 10 mm	130 mm 170 mm	BI-306-692	BI-306-695	
	5 x 12 mm	130 mm 170 mm	BI-306-693	BI-306-696	

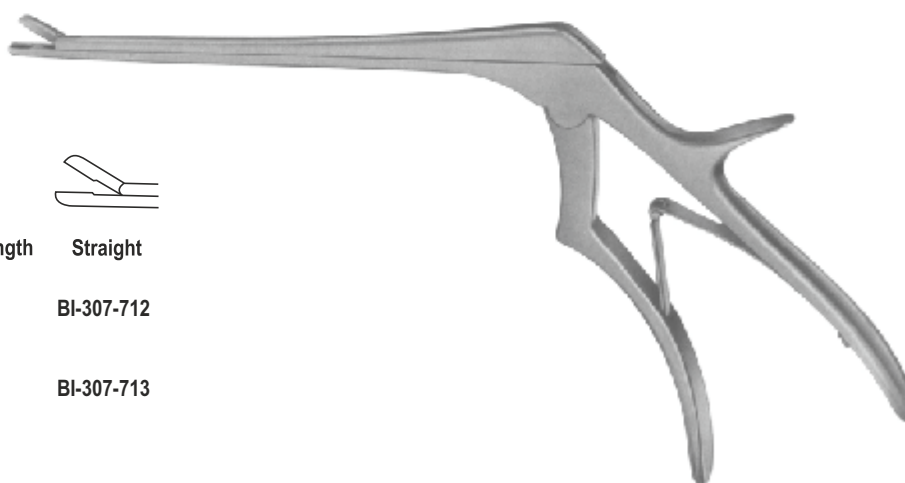
Wilde
BI-306-691 - BI-306-696

All sizes are also available in black coating

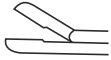


Ferris-Smith
BI-307-697 - BI-307-711

	Working Length	Jaw Width x Length	 Straight	 Upwards	 Downwards
	180 mm	2 x 10 mm	BI-307-697	BI-307-702	BI-307-707
	180 mm	3 x 10 mm	BI-307-698	BI-307-703	BI-307-708
	180 mm	4 x 10 mm	BI-307-699	BI-307-704	BI-307-709
	180 mm	5 x 10 mm	BI-307-700	BI-307-705	BI-307-710
	180 mm	6 x 10 mm	BI-307-701	BI-307-706	BI-307-711



Caspar
BI-307-712 - BI-307-714

	Jaw		Working Length	 Straight
	3 mm	Caspar	130 mm	BI-307-712
	4 mm	Caspar	145 mm 180 mm 220 mm	BI-307-713
	5.5 mm	Wagner	220 mm	BI-307-714

All sizes are also available in black coating

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule
Retradores Para Columna Vertebral Cervical
Retradores para Columna Vertebral Cervical



Caspar
BI-308-715
Transverse Retractor hinged
65 mm regular spread
11 cm wide spread



Caspar
BI-308-716
Transverse Retractor double-hinged
65 mm spread



Caspar
BI-308-717
Longitudinal Retractor double-hinged,
ring handle
20.5 cm 85 mm spread



Caspar
BI-308-718
Specula Retractor single-hinged,
11.5 cm
70 mm regular spread



BI-308-719 - BI-308-726
BI-308-719 23 x 35 mm
BI-308-720 23 x 40 mm
BI-308-721 23 x 45 mm
BI-308-722 23 x 50 mm
BI-308-723 23 x 55 mm
BI-308-724 23 x 60 mm
BI-308-725 23 x 65 mm
BI-308-726 23 x 70 mm
Medial Toothed Blades
Stainless Steel



BI-308-727 - BI-308-731
BI-308-727 15 x 40 mm
BI-308-728 15 x 45 mm
BI-308-729 15 x 50 mm
BI-308-730 15 x 55 mm
BI-308-731 15 x 60 mm
Small Lateral Blades
Stainless Steel



BI-308-732 - BI-308-738
BI-308-732 23 x 40 mm
BI-308-733 23 x 45 mm
BI-308-734 23 x 50 mm
BI-308-735 23 x 55 mm
BI-308-736 23 x 60 mm
BI-308-737 23 x 65 mm
BI-308-738 23 x 70 mm
Lateral Serrated Blades
Stainless Steel



Cervical Blades
Stainless Steel – fenestrated
BI-308-739 - BI-308-740
BI-308-739 25 x 50 mm
BI-308-740 25 x 60 mm



BI-308-741 - BI-308-749
BI-308-741 23 x 35 mm
BI-308-742 23 x 40 mm
BI-308-743 23 x 45 mm
BI-308-744 23 x 50 mm
BI-308-745 23 x 55 mm
BI-308-746 23 x 60 mm
BI-308-747 23 x 65 mm
BI-308-748 23 x 70 mm
BI-308-749 23 x 75 mm
Blunt Blades
Stainless Steel



BI-308-750 - BI-308-754
BI-308-750 23 x 40 mm
BI-308-751 23 x 45 mm
BI-308-752 23 x 50 mm
BI-308-753 23 x 55 mm
BI-308-754 23 x 60 mm
Medial Toothed Blades
Aluminium – rotatating



BI-308-755 - BI-308-759
BI-308-755 23 x 40 mm
BI-308-756 23 x 45 mm
BI-308-757 23 x 50 mm
BI-308-758 23 x 55 mm
BI-308-759 23 x 60 mm
Lateral Serrated Blades
Aluminium – rotatating



BI-308-760 - BI-308-764
BI-308-760 23 x 45 mm
BI-308-761 23 x 50 mm
BI-308-762 3 x 55 mm
BI-308-763 23 x 60 mm
BI-308-764 23 x 65 mm
Blunt Blades
Aluminium – rotatating

Retractors For Cervical Vertebral Column

Reaktoren für Halswirbelsäule
Retradores Para Columna Vertebral Cervical
Retradores para Columna Vertebral Cervical



Transverse Retractor hinged
BI-309-765
65 mm spread



Specula Retractor
BI-309-766
single-hinged
11.5 cm,
70 mm spread



Longitudinal Retractor
BI-309-767
single-hinged ring handle
17.5 cm
70 mm spread



BI-309-768 - BI-309-775
BI-309-768 20 x 40 mm
BI-309-769 20 x 45 mm
BI-309-770 20 x 50 mm
BI-309-771 20 x 55 mm
BI-309-772 20 x 60 mm
BI-309-773 20 x 65 mm
BI-309-774 20 x 70 mm
BI-309-775 20 x 75 mm
Medial Toothed Blades



BI-309-776 - BI-309-786
BI-309-776 20 x 25 mm
BI-309-777 20 x 30 mm
BI-309-778 20 x 35 mm
BI-309-779 20 x 40 mm
BI-309-780 20 x 45 mm
BI-309-781 20 x 50 mm
BI-309-782 20 x 55 mm
BI-309-783 20 x 60 mm
BI-309-784 20 x 65 mm
BI-309-785 20 x 70 mm
BI-309-786 20 x 75 mm
Lateral Serrated Blades



BI-309-787 - BI-309-796
BI-309-787 20 x 30 mm
BI-309-788 20 x 35 mm
BI-309-789 20 x 40 mm
BI-309-790 20 x 45 mm
BI-309-791 20 x 50 mm
BI-309-792 20 x 55 mm
BI-309-793 20 x 60 mm
BI-309-794 20 x 65 mm
BI-309-795 20 x 70 mm
BI-309-796 20 x 75 mm



BI-309-797 - BI-309-804
BI-309-797 20 x 35 mm
BI-309-798 20 x 40 mm
BI-309-799 20 x 45 mm
BI-309-800 20 x 50 mm
BI-309-801 20 x 55 mm
BI-309-802 20 x 60 mm
BI-309-803 20 x 65 mm
BI-309-804 20 x 70 mm
Medial Toothed Blades
fenestrated



BI-309-805 - BI-309-814
BI-309-805 20 x 25 mm
BI-309-806 20 x 30 mm
BI-309-807 20 x 35 mm
BI-309-808 20 x 40 mm
BI-309-809 20 x 45 mm
BI-309-810 20 x 50 mm
BI-309-811 20 x 55 mm
BI-309-812 20 x 60 mm
BI-309-813 20 x 65 mm
BI-309-814 20 x 70 mm
Lateral Serrated Blades
Fenestrated



BI-309-815 - BI-309-823
BI-309-815 20 x 35 mm
BI-309-816 20 x 40 mm
BI-309-817 20 x 45 mm
BI-309-818 20 x 50 mm
BI-309-819 20 x 55 mm
BI-309-820 20 x 60 mm
BI-309-821 20 x 65 mm
BI-309-822 20 x 70 mm
BI-309-823 20 x 75 mm
Blunt Blades Fenestrated

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule

Retratores Para Coluna Vertebral Cervical

Re tractoros para Columna Vertebral Cervical



Transverse Retractor
BI-310-824
Hinged spreading
60 mm



Transverse Retractor
BI-310-825
Double-hinged spreading
65 mm



Transverse Retractor
BI-310-826
17.5 cm
single-hinged ring handle
spreading
70 mm



Transverse Retractor
BI-310-827
17.5 cm
Single-hinged ring handle
spreading
70 mm

Retractors For Cervical Vertebral Column

Reaktoren für Halswirbelsäule
Retradores Para Columna Vertebral Cervical
Retradores para Columna Vertebral Cervical

**BI-311-828 - BI-311-834**

BI-311-828	12 x 40 mm
BI-311-829	12 x 45 mm
BI-311-830	12 x 50 mm
BI-311-831	12 x 55 mm
BI-311-832	12 x 60 mm
BI-311-833	12 x 65 mm
BI-311-834	12 x 75 mm

Small Lateral Serrated
Blades PEEK

**BI-311-835 - BI-311-841**

BI-311-835	23 x 40 mm
BI-311-836	23 x 45 mm
BI-311-837	23 x 50 mm
BI-311-838	23 x 55 mm
BI-311-839	23 x 60 mm
BI-311-840	23 x 65 mm
BI-311-841	23 x 75 mm

Lateral Serrated Blades
PEEK

**BI-311-842 - BI-311-847**

BI-311-842	23 x 40 mm
BI-311-843	23 x 45 mm
BI-311-844	23 x 55 mm
BI-311-845	23 x 60 mm
BI-311-846	23 x 65 mm
BI-311-847	23 x 75 mm

Blunt Blades PEEK

**BI-311-848 - BI-311-854**

BI-311-848	23 x 40 mm
BI-311-849	23 x 45 mm
BI-311-850	23 x 50 mm
BI-311-851	23 x 55 mm
BI-311-852	23 x 60 mm
BI-311-853	23 x 65 mm
BI-311-854	23 x 75 mm

Medial Toothed Blades
PEEK

**BI-311-855 - BI-311-861**

BI-311-855	23 x 40 mm
BI-311-856	23 x 45 mm
BI-311-857	23 x 50 mm
BI-311-858	23 x 55 mm
BI-311-859	23 x 60 mm
BI-311-860	23 x 65 mm
BI-311-861	23 x 75 mm

Lateral Serrated Blades
PEEK – rotating

**BI-311-862 - BI-311-868**

BI-311-862	23 x 40 mm
BI-311-863	23 x 45 mm
BI-311-864	23 x 50 mm
BI-311-865	23 x 55 mm
BI-311-866	23 x 60 mm
BI-311-867	23 x 65 mm
BI-311-868	23 x 75 mm

Blunt Blades
PEEK – rotating

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule

Retratores Para Coluna Vertebral Cervical

Retractores para Columna Vertebral Cervical



Transverse Retractor

BI-312-869

Double-hinged

quick connect 72 mm spread, side-loading



1/2

Specula Retractor

BI-312-870

11.5 cm

Single-hinged,
quick connect side-loading
spreading 70 mm



1/2

Longitudinal Retractor

BI-312-871

18.5 cm

Double-hinged,
ring handle, quick connect side-loading
spreading 75 mm



1/2

Quick

BI-312-872

21 cm

Connect blade positioner Handle
for quick connect blades only

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule
Retradores Para Columna Vertebral Cervical
Retradores para Columna Vertebral Cervical

**BI-313-873 - BI-313-877**

BI-313-873 23 x 40 mm
BI-313-874 23 x 45 mm
BI-313-875 23 x 50 mm
BI-313-876 23 x 55 mm
BI-313-877 23 x 60 mm

Medial Toothed Blades
Stainless Steel
quick connect

**BI-313-878 - BI-313-882**

BI-313-878 23 x 40 mm
BI-313-879 23 x 45 mm
BI-313-880 23 x 50 mm
BI-313-881 23 x 55 mm
BI-313-882 23 x 60 mm

Lateral Serrated Blades
Stainless Steel
quick connect

**BI-313-883 - BI-313-887**

BI-313-883 23 x 45 mm
BI-313-884 23 x 50 mm
BI-313-885 23 x 55 mm
BI-313-886 23 x 60 mm
BI-313-887 23 x 65 mm

Blunt Blades
Stainless Steel
quick connect

**BI-313-888 - BI-313-892**

BI-313-888 23 x 40 mm
BI-313-889 23 x 45 mm
BI-313-890 23 x 50 mm
BI-313-891 23 x 55 mm
BI-313-892 23 x 60 mm

Medial Toothed Blades
Titanium
quick connect

**BI-313-893 - BI-313-897**

BI-313-893 23 x 40 mm
BI-313-894 23 x 45 mm
BI-313-895 23 x 50 mm
BI-313-896 23 x 55 mm
BI-313-897 23 x 60 mm

Lateral Serrated Blades
Titanium
quick connect

**BI-313-898 - BI-313-902**

BI-313-898 23 x 45 mm
BI-313-899 23 x 50 mm
BI-313-900 23 x 55 mm
BI-313-901 23 x 60 mm
BI-313-902 23 x 65 mm

Blunt Blades
Titanium
quick connect

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule

Retratores Para Coluna Vertebral Cervical

Retractores para Columna Vertebral Cervical



BI-314-903



BI-314-904



BI-314-905



BI-314-906



BI-314-907



BI-314-908



BI-314-909



BI-314-910



BI-314-911



BI-314-912

Caspar Cervical Spine Retractor

BI-314-903 - BI-314-912

Stainless steel, complete set for transverse retraction, spreading 65 mm, adjustable, with 5 medial and 5 lateral stainless steel, blades 40, 45, 50, 55, 60 mm

TI Caspar Cervical Spine Retractor

BI-314-913

Titanium, complete set for transverse retraction, spreading 65 mm, adjustable, with 5 medial and 5 lateral titanium blades 40, 45, 50, 55, 60 mm

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule
Retratores Para Columna Vertebral Cervical
Retradores para Columna Vertebral Cervical



Caspar Microdiscectomy Retractor
BI-315-914 - BI-315-929

For micro surgical treatment of
herniated lumbar discs
spreading
45 mm

Frame only, hinged



BI-315-914 - BI-315-922	
BI-315-914	35 mm
BI-315-915	40 mm
BI-315-916	45 mm
BI-315-917	50 mm
BI-315-918	55 mm
BI-315-919	60 mm
BI-315-920	65 mm
BI-315-921	75 mm
BI-315-922	85 mm
Lateral Blades	



BI-315-923 - BI-315-929	
BI-315-923	40 mm
BI-315-924	45 mm
BI-315-925	50 mm
BI-315-926	55 mm
BI-315-927	60 mm
BI-315-928	65 mm
BI-315-929	70 mm
Paraspinal blade	



Lumbar Speculum BI-315-930 - BI-315-939	
BI-315-930	40 mm
BI-315-931	45 mm
BI-315-932	50 mm
BI-315-933	55 mm
BI-315-934	60 mm
BI-315-935	65 mm
BI-315-936	70 mm
BI-315-937	75 mm
BI-315-938	80 mm
BI-315-939	85 mm
Fenestrated	

Retractors For Cervical Vertebral Column

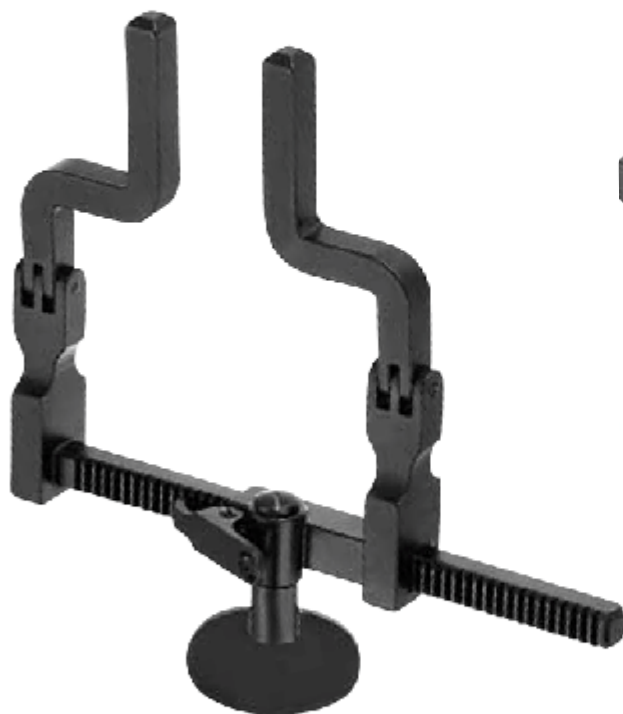
Retraktoren für Halswirbelsäule
Retradores Para Coluna Vertebral Cervical
Retradores para Columna Vertebral Cervical



BI-316-944 - BI-316-949
BI-316-944 20 x 30 mm
BI-316-945 20 x 40 mm
BI-316-946 20 x 50 mm
BI-316-947 20 x 60 mm
BI-316-948 20 x 70 mm
BI-316-949 20 x 80 mm
 McCulloch 4-teeth
 Narrow Muscle Blades



BI-316-950 - BI-316-955
BI-316-950 20 x 30 mm
BI-316-951 20 x 40 mm
BI-316-952 20 x 50 mm
BI-316-953 20 x 60 mm
BI-316-954 20 x 70 mm
BI-316-955 20 x 80 mm
 McCulloch 6-teeth
 Wide Muscle Blades



McCulloch Lumbar Spine Retractor for Microdiscectomy,
black silicone bead

BI-316-940 68 mm spread, hinged
BI-316-941 68 mm spread, rigid
BI-316-942 90 mm spread, rigid

McCulloch Lumbar Spine Retractor Tray
BI-316-943 Tray 265 x 265 mm for Container (not illustrated)

BI-316-940 - BI-316-980



BI-316-956 - BI-316-961
BI-316-956 20 x 30 mm
BI-316-957 20 x 40 mm
BI-316-958 20 x 50 mm
BI-316-959 20 x 60 mm
BI-316-960 20 x 70 mm
BI-316-961 20 x 80 mm
 McCulloch 2-teeth
 Thin Muscle Blades



BI-316-962 - BI-316-969
BI-316-962 20 mm
BI-316-963 30 mm
BI-316-964 40 mm
BI-316-965 50 mm
BI-316-966 60 mm
BI-316-967 70 mm
BI-316-968 80 mm
BI-316-969 90 mm
 McCulloch Hook Blades



BI-316-970 - BI-316-977
BI-316-970 20 mm
BI-316-971 30 mm
BI-316-972 40 mm
BI-316-973 50 mm
BI-316-974 60 mm
BI-316-975 70 mm
BI-316-976 80 mm
BI-316-977 90 mm
 McCulloch toothed
 Hook Blades



BI-316-978 - BI-316-980
BI-316-978 20 x 50 mm
BI-316-979 20 x 60 mm
BI-316-980 20 x 70 mm
 McCulloch 2-teeth
 Cervical Blades

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule
Retratores Para Coluna Vertebral Cervical
Retradores para Columna Vertebral Cervical



Caspar Vertebral Column Retractor

BI-317-981

for Laminectomy and Hemilaminectomy (Lumbar, Thoracic, Cervical), stainless steel, complete set, 145 mm spreading, 12.5 cm arms, 14.5 cm spread,



Caspar

BI-317-983

Srew driver for spreading bar



Caspar

BI-317-984

Blade Changing Forceps
11.5 cm

BI-317-982 Frame only, 145 mm spread, hinged



BI-317-985 - BI-317-986

BI-317-985 38 mm

BI-317-986 58 mm



BI-317-987 - BI-317-994

BI-317-987 22 x 32 mm

BI-317-988 22 x 37 mm

BI-317-989 22 x 43 mm

BI-317-990 22 x 47 mm

BI-317-991 22 x 52 mm

BI-317-992 22 x 57 mm

BI-317-993 22 x 62 mm

BI-317-994 22 x 67 mm



BI-317-995 - BI-317-1002

BI-317-995 37 x 32 mm

BI-317-996 37 x 37 mm

BI-317-997 37 x 43 mm

BI-317-998 37 x 47 mm

BI-317-999 37 x 52 mm

BI-317-1000 37 x 57 mm

BI-317-1001 37 x 62 mm

BI-317-1002 37 x 67 mm



BI-317-1003 - BI-317-1010

BI-317-1003 57 x 32 mm

BI-317-1004 57 x 37 mm

BI-317-1005 57 x 43 mm

BI-317-1006 57 x 47 mm

BI-317-1007 57 x 52 mm

BI-317-1008 57 x 57 mm

BI-317-1009 57 x 62 mm

BI-317-1010 57 x 67 mm

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule

Retratores Para Coluna Vertebral Cervical

Re tractoros para Columna Vertebral Cervical



Caspar

BI-318-1011

Distractor only for use in surgical procedures from the left approach the right approach for the upper cervical spine

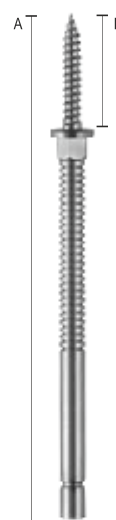
BI-318-1012

Distractor as above but with elongated toothed bar for multilevel (more than 2) distraction



Drill guide

BI-318-1018



Distraction Pin A/B

BI-318-1013 - BI-318-1016

BI-318-1013 66/12 mm

BI-318-1014 68/14 mm

BI-318-1015 70/16 mm

BI-318-1016 72/18 mm



Twist Drill

BI-318-1017



Screw Driver

BI-318-1019



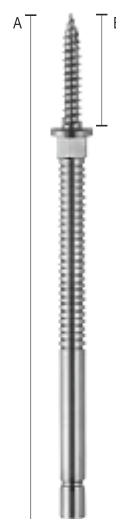
Caspar

BI-319-1020

Distractor only for use in surgical procedures from the left approach the right approach for the upper cervical spine

BI-319-1021

Distractor as above but with elongated toothed bar for multilevel (more than 2) distraction



Distraction Pin A/B

BI-319-1022 - BI-319-1025

BI-319-1022 66/12 mm

BI-319-1023 68/14 mm

BI-319-1024 70/16 mm

BI-319-1025 72/18 mm



Twist Drill

BI-319-1026



Drill Guide

BI-319-1027



Screw Driver

BI-319-1028

Vertebral and Lamina Spreaders

Vertebral- und Lamina-Spreizer

Espalhadores vertebrais e laminados

Esparcidores vertebrales y laminares



Cloward-Type
BI-320-1029
Vertebra Spreaders
13 cm
18 mm spread



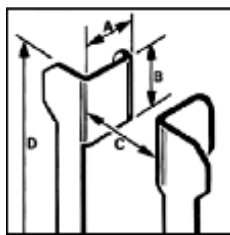
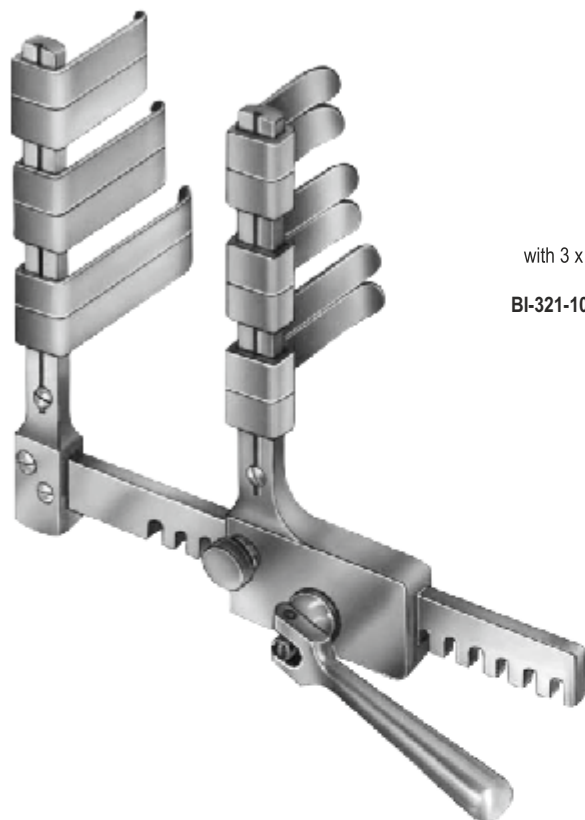
BI-320-1030
One pointed tip
7 cm arm
80 mm spread



Three pointed tips
BI-320-1031 - BI-320-1032
BI-320-1031
8.5 cm arm,
70 mm spread
BI-320-1032
10 cm arm
70 mm spread

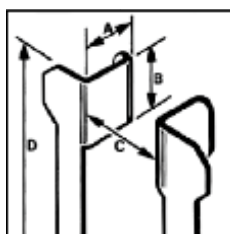
Laminectomy Spreaders

Laminektomie-Spreizer
Espalhadores de laminectomia
Esparcidores de laminectomía



with 3 x 2 pairs of movable blunt blades

	A	B	C	D
BI-321-1033	40 mm	12 mm	110 mm	132 mm
	50 mm	12 mm		
	65 mm	12 mm		



Badgley

	A	B	C	D
BI-321-1034	48 mm	45 mm	170 mm	110 mm



Retractors For Cervical Vertebral Column, Microdiscectomy Retractors

Retraktoren für Halswirbelsäule, Mikrodiskektomie Retraktoren

Retradores para columna vertebral cervical, retractor de microdiscectomia

Retradores para columna vertebral cervical, retractor de microdiscectomía



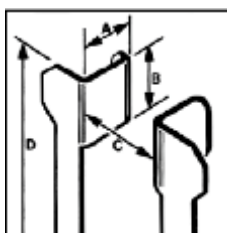
Scoville-Haverfield

	A	B	C	D
BI-322-1035	50 mm	35 mm	140 mm	140 mm
	50 mm	D = 5 mm		

with 1 each blade

Frame only, hinged:

BI-322-1036	--	--	140 mm	140 mm
--------------------	----	----	--------	--------



3-prongs:

BI-322-1037	44 mm x 38 mm
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4-prongs:

BI-322-1038 - BI-322-1042	
BI-322-1038	41 mm x 38 mm
BI-322-1039	66 mm x 48 mm
BI-322-1040	48 mm x 51 mm
BI-322-1041	63 mm x 63 mm
BI-322-1042	82 mm x 58 mm



Toothed:

BI-322-1043 - BI-322-1048

BI-322-1043	63 mm x 26 mm
BI-322-1044	66 mm x 30 mm
BI-322-1045	89 mm x 26 mm
BI-322-1046	51 mm x 51 mm
BI-322-1047	63 mm x 51 mm
BI-322-1048	76 mm x 51 mm



Hook-shaped, blunt:

BI-322-1049 - BI-322-1050

BI-322-1049	50 mm
BI-322-1050	75 mm



Williams

BI-322-1051 - BI-322-1056

for microsurgical treatment of herniated discs left

17 cm

w = 10 mm

BI-322-1051	10 x 50 mm
BI-322-1052	10 x 60 mm
BI-322-1053	10 x 70 mm

w = 20 mm

BI-322-1054	20 x 50 mm
BI-322-1055	20 x 60 mm
BI-322-1056	20 x 70 mm



Williams

BI-322-1057 - BI-322-1062

for microsurgical treatment of herniated discs right

17 cm

w = 10 mm

BI-322-1057	10 x 50 mm
BI-322-1058	10 x 60 mm
BI-322-1059	10 x 70 mm

w = 20 mm

BI-322-1060	20 x 50 mm
BI-322-1061	20 x 60 mm
BI-322-1062	20 x 70 mm

Cervical Spine Retractors

Cervical Spine Retraktoren
Retradores de Coluna Cervical
Retradores de columna cervical



Cloward-Type

BI-323-1063

25 cm

Cervical Retractor Set with
slide-lock complete with 14 blades**BI-323-1064** Retractor body only (without blades)**BI-323-1063 - BI-323-1064**

Cloward-Type

BI-323-1065

16 cm

Cervical Retractor Set with
slide-lock complete with 14 blades,**BI-323-1066** Retractor Body only (without blades)**BI-323-1065 - BI-323-1066****BI-323-1067 - BI-323-1073****BI-323-1067** 25 mm**BI-323-1068** 30 mm**BI-323-1069** 35 mm**BI-323-1070** 40 mm**BI-323-1071** 45 mm**BI-323-1072** 50 mm**BI-323-1073** 55 mm

Blunt

**BI-323-1074 - BI-323-1080****BI-323-1074** 25 mm**BI-323-1075** 30 mm**BI-323-1076** 35 mm**BI-323-1077** 40 mm**BI-323-1078** 45 mm**BI-323-1079** 50 mm**BI-323-1080** 55 mm

Blunt

Cervical Spine Retractors

Cervical Spine Retraktoren

Retradores de Coluna Cervical

Retradores de columna cervical



Cloward-Type

BI-324-1081

BI-324-1081 - - BI-324-1092

25.5 cm

Cervical retractor

with ball closure, complete blades

110 mm spreading

BI-324-1082 Retractor body (without blades)

Exchangeable blades



BI-324-1083 - BI-324-1087

BI-324-1083 15 x 40 mm

BI-324-1084 15 x 45 mm

BI-324-1085 15 x 50 mm

BI-324-1086 15 x 55 mm

BI-324-1087 15 x 60 mm

Serrated



BI-324-1088 - BI-324-1092

BI-324-1088 15 x 40 mm

BI-324-1089 15 x 45 mm

BI-324-1090 15 x 50 mm

BI-324-1091 15 x 55 mm

BI-324-1092 15 x 60 mm

Blunt

Self-Retaining Retractors

Sich selbst haltende Retraktoren

Retraçadores de Auto-Retenção

Retradores autoretenibles



Cone

BI-325-1093 - BI-325-1100**BI-325-1093** 14 cm, 18 mm 3 x 4**BI-325-1094** 6 cm, 18 mm 3 x 4**BI-325-1095** 20 cm, 20 mm 3 x 4**BI-325-1096** 24 cm, 27 mm 3 x 4**BI-325-1097** 14 cm, 18 mm 3 x 4**BI-325-1098** 16 cm, 18 mm 3 x 4**BI-325-1099** 20 cm, 20 mm 3 x 4**BI-325-1100** 24 cm, 27 mm 3 x 4

Prongs blunt



Markham-Meyerdung

BI-325-1101

18 cm

50 x 25 mm left

Hemilaminectomy Retractor



Markham-Meyerdung

BI-325-1102

18 cm

50 x 25 mm right

Hemilaminectomy Retractor

Self-Retaining Retractors

Sich selbst haltende Retraktoren

Retraçadores de Auto-Retenção

Retradores autoretenibles



Mini-Weitlaner

BI-326-1103 - BI-326-1104

11 cm

BI-326-1103 16 mm 2 x 3 prongs sharp

BI-326-1104 16 mm 2 x 3 prongs blunt



Weitlaner

BI-326-1105 - BI-326-1112

BI-326-1105 13 cm, 18 mm 3 x 4 prongs sharp

BI-326-1106 16 cm, 18 mm 3 x 4 prongs sharp

BI-326-1107 20 cm, 21 mm 3 x 4 prongs sharp

BI-326-1108 25 cm, 27 mm 3 x 4 prongs sharp

BI-326-1109 13 cm, 18 mm 3 x 4 prongs blunt

BI-326-1110 16 cm, 18 mm 3 x 4 prongs blunt

BI-326-1111 20 cm, 21 mm 3 x 4 prongs blunt

BI-326-1112 25 cm, 27 mm 3 x 4 prongs blunt



Anderson-Adson

BI-326-1113

20 cm

4 x 4 prongs sharp

Cerebellar Retractor

Self-Retaining Retractors

Sich selbst haltende Retraktoren

Retraçadores de Auto-Retenção

Retradores autoretenibles



Weitlaner

BI-327-1114 - BI-327-1115**BI-327-1114** 26 cm, 27 mm 5 x 6 prongs sharp**BI-327-1115** 26 cm, 27 mm 5 x 6 prongs blunt

Hemilaminectomy

BI-327-1116 - BI-327-1117**BI-327-1116** 29 cm, 42 mm 6 x 6 prongs sharp**BI-327-1117** 29 cm, 42 mm 6 x 6 prongs blunt**BI-327-1118 - BI-327-1121**

Right blade 42 mm, left blade 22 mm deep

BI-327-1118 29 cm, 22/42 mm 6 x 6 prongs sharp**BI-327-1119** 29 cm, 22/42 mm 6 x 6 prongs blunt

Right blade 22 mm, left blade 42 mm deep

BI-327-1120 29 cm, 22/42 mm 6 x 6 prongs sharp**BI-327-1121** 29 cm, 22/42 mm 6 x 6 prongs blunt

Self-Retaining Retractors

Sich selbst haltende Retraktoren

Retraçadores de Auto-Retenção

Retradores autoretenibles



Scalp Contour

BI-328-1122 - BI-328-1125

BI-328-1122 14 cm, 18 mm 1 x 1 prongs blunt

BI-328-1123 14 cm, 18 mm 3 x 3 prongs blunt

BI-328-1124 14 cm, 18 mm 3 x 4 prongs sharp

BI-328-1125 14 cm, 18 mm 3 x 4 prongs blunt



Beckmann-Adson

BI-328-1126 - BI-328-1131

BI-328-1126 31 cm, 25 mm 4 x 4 prongs sharp

BI-328-1127 31 cm, 37 mm 4 x 4 prongs sharp

BI-328-1128 31 cm, 48 mm 4 x 4 prongs sharp

BI-328-1129 31 cm, 25 mm 4 x 4 prongs blunt

BI-328-1130 31 cm, 37 mm 4 x 4 prongs blunt

BI-328-1131 31 cm, 48 mm 4 x 4 prongs blunt



Beckmann-Eaton

BI-328-1132

32 cm

50 mm 7 x 7 prongs sharp

Self-Retaining Retractors

Sich selbst haltende Retraktoren

Retraçadores de Auto-Retenção

Retradores autoretenibles



Miskimon

BI-329-1133 - BI-329-1134**BI-329-1133** 22 cm, 35 mm 7 x 7 prongs sharp**BI-329-1134** 22 cm, 35 mm 7 x 7 prongs blunt

Adson

BI-329-1135 - BI-329-1136**BI-329-1135** 19 cm, 23 mm 4 x 4 prongs sharp**BI-329-1136** 19 cm, 23 mm 4 x 4 prongs blunt

Adson

BI-329-1137

19 cm, 23 mm 4 x 4 prongs sharp

Self-Retaining Retractors, Skin Retractors

Selbsterhaltende Retraktoren, Skin Retractors

Retradores de Retenção Automática, Retradores de Pele

Retradores autoretenibles, retractoros de piel



Norfolk & Norwich

BI-330-1138

22 cm

50 mm 4 x 5 prongs blunt

Hemilaminectomy Retractor



Gelpi

BI-330-1139

17.5 cm

Skin retractor



Tracheotomy

Tracheotomie

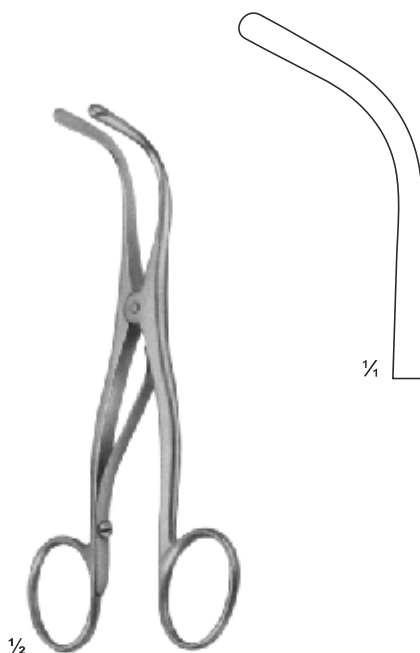
Traqueotomia

Traqueotomía

Page 331-335

Tracheal Dilators

Trachealdilatatoren
Dilatadores traqueais
Dilatadores traqueales



1/2

Trousseau
BI-331-001
14.5 cm



1/2

Laborde
BI-331-002
strong pattern
13.5 cm



1/2

Laborde
BI-331-003
14 cm



1/2

Iterson
BI-332-004 - TR-586-005
17 cm



1/4

BI-332-004
17 cm
Scharp



BI-332-005
17 cm
Blunt

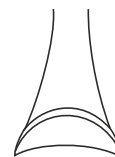


1/2

Rose
BI-332-006
15.5 cm



1/4

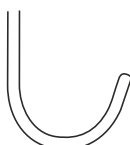


1/2

Luer
BI-332-007
11 cm

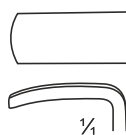


1/4

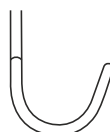


1/2

Lukens
BI-332-008
17.5 cm



1/4

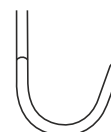


1/2

Jackson
BI-332-009
18 cm



1/4



Cleaning Brush, Goitre Enucleator, Goitre Grasping Forceps

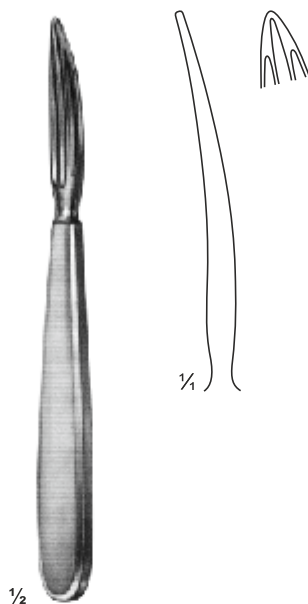
Reinigungsbürste, Kropf Enukleator, Kropfgreifer

Escova de Limpeza, Goitre Enucleator, Goitre Clearing Forceps

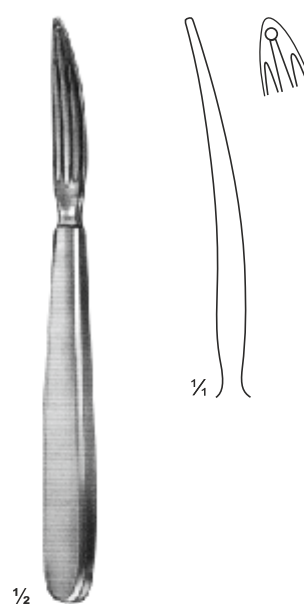
Cepillo de limpieza, Enucleador de Goitre, Pinzas de agarre de Goitre



BI-333-010
26 cm
Cleaning Brush
for tracheal tubes, head of bursh Ø 12 mm



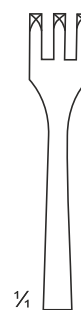
Kocher
BI-333-011
15.5 cm



Kocher
BI-333-012
15.5 cm
with eye



Lahey
BI-333-013 - BI-333-014
15.5 cm



BI-333-013
15.5 cm



3:3



BI-333-014
20 cm

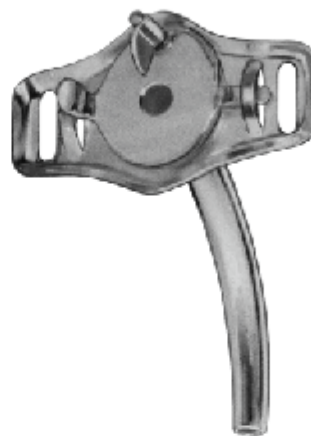


3:3



1/2

Ueckermann-Denker
BI-334-015 - BI-334-054
 13 cm
 Cryothyreotomy trocar
 with silver cannula



Luer

Radius	Fig.	Dia. x Length	Brass	Magnet S.S.	Non-Magnet S.S.	German Silver S.S.
30 mm	0	4 x 50 mm	BI-334-015	BI-334-025	BI-334-035	BI-334-045
30 mm	1	5 x 50 mm	BI-334-016	BI-334-026	BI-334-036	BI-334-046
30 mm	2	6 x 50 mm	BI-334-017	BI-334-027	BI-334-037	BI-334-047
39 mm	3	7 x 55 mm	BI-334-018	BI-334-028	BI-334-038	BI-334-048
39 mm	4	8 x 60 mm	BI-334-019	BI-334-029	BI-334-039	BI-334-049
39 mm	5	9 x 65 mm	BI-334-020	BI-334-030	BI-334-040	BI-334-050
39 mm	6	10 x 70 mm	BI-334-021	BI-334-031	BI-334-041	BI-334-051
43.5 mm	7	11 x 80 mm	BI-334-022	BI-334-032	BI-334-042	BI-334-052
43.5 mm	8	12 x 85 mm	BI-334-023	BI-334-033	BI-334-043	BI-334-053
43.5 mm	9	13 x 90 mm	BI-334-024	BI-334-034	BI-334-044	BI-334-054



BI-335-055 - BI-335-094
Jackson

Fig.	Dia. x Length	Brass	Magnet S.S.	Non-Magnet S.S.	German Silver S.S.
0	4 x 50 mm	BI-335-055	BI-335-065	BI-335-076	BI-335-085
1	5 x 58 mm	BI-335-056	BI-335-066	BI-335-076	BI-335-086
2	6 x 58 mm	BI-335-057	BI-335-067	BI-335-077	BI-335-087
3	7 x 70 mm	BI-335-058	BI-335-068	BI-335-078	BI-335-088
4	8 x 78 mm	BI-335-059	BI-335-069	BI-335-079	BI-335-089
5	9 x 84 mm	BI-335-060	BI-335-070	BI-335-080	BI-335-090
6	10 x 84 mm	BI-335-061	BI-335-071	BI-335-081	BI-335-091
7	11 x 86 mm	BI-335-062	BI-335-072	BI-335-082	BI-335-092
8	12 x 88 mm	BI-335-063	BI-335-073	BI-335-083	BI-335-093
9	13 x 90 mm	BI-335-064	BI-335-074	BI-335-084	BI-335-094



BI-335-095 - BI-335-137
Chevalier-Jackson

Fig.	Dia. x Length	Brass	Magnet S.S.	Non-Magnet S.S.	German Silver S.S.
0	4 x 50 mm	BI-335-095	BI-335-106	BI-335-117	BI-335-128
1	5 x 58 mm	BI-335-096	BI-335-107	BI-335-118	BI-335-129
2	6 x 58 mm	BI-335-097	BI-335-108	BI-335-119	BI-335-130
3	7 x 70 mm	BI-335-098	BI-335-109	BI-335-120	BI-335-130
4	8 x 78 mm	BI-335-099	BI-335-110	BI-335-121	BI-335-131
5	9 x 84 mm	BI-335-100	BI-335-111	BI-335-122	BI-335-132
6	10 x 84 mm	BI-335-101	BI-335-112	BI-335-123	BI-335-133
7	11 x 86 mm	BI-335-102	BI-335-113	BI-335-124	BI-335-134
8	12 x 88 mm	BI-335-103	BI-335-114	BI-335-125	BI-335-135
9	13 x 90 mm	BI-335-104	BI-335-115	BI-335-126	BI-335-136
10	14 x 90 mm	BI-335-105	BI-335-116	BI-335-127	BI-335-137



Dermatology

Dermatologie

Dermatologia

Dermatología

Page 336-340

Milium Knife, Lupus Instruments

Milium Messer, Lupus Instrumente
Faca Milium, Instrumentos Lupus
Milium Knife, Lupus Instruments

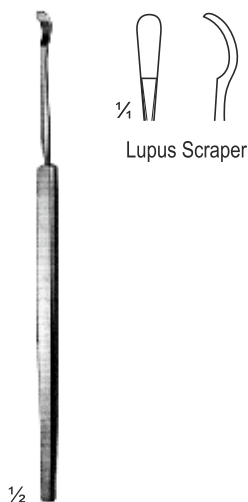


BI-336-001
13 cm
milium knife

Moncorps
BI-336-001 - BI-336-002
13 cm
Milium knife



BI-336-002
13 cm
Spare Blade



Vidal
BI-336-003
13 cm
Lupus scraper



Fig. 1
BI-336-004



Fig. 2
BI-336-005



Fig. 3
BI-336-006



Fig. 4
BI-336-007



Fox
BI-336-004 - BI-336-007
14 cm
Lupus curette



Wolff
BI-336-008 - BI-336-013
14 cm
Lupus curette

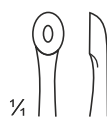


Fig. 1
BI-336-008



Fig. 2
BI-336-009



Fig. 3
BI-336-010



Fig. 4
BI-336-011



Fig. 5
BI-336-012



Fig. 6
BI-336-013

Skin Hooklets, Dermal Punches

Haut-Haken, Dermal Punches

Cápsulas de pele, punções dérmicas

Hooklets de la piel, punzones dérmicos



Kilner
BI-337-014
14.5 cm
Skin hooklet
sharp



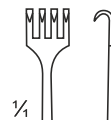
Gillies
BI-337-015 - BI-337-016
18 cm
Skin hooklet



Fig. 1
BI-337-015
Small curvature, sharp



Fig. 2
BI-337-016
Large curvature, sharp



BI-337-017



BI-337-018



Kaye
BI-337-017 - BI-337-018
13 cm
Face-lift hook



BI-337-019
Ø 2 mm



BI-337-020
Ø 4 mm



BI-337-021
Ø 6 mm



BI-337-026
Ø 2 mm



BI-337-027
Ø 3 mm



BI-337-028
Ø 4 mm



BI-337-019 - BI-337-024
5.5 cm
Dermal punch



BI-337-022
Ø 8 mm



BI-337-023
Ø 10 mm



BI-337-024
Ø 12 mm



Keyes
BI-337-025 - BI-337-032
11 cm
Dermal punch



BI-337-029
Ø 5 mm



BI-337-030
Ø 6 mm



BI-337-031
Ø 7 mm



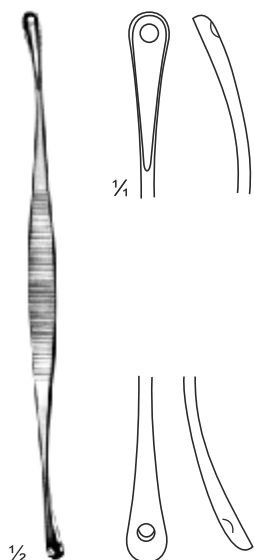
BI-337-032
Ø 8 mm

Milium Knife, Lupus Instruments

Milium Messer, Lupus Instrumente

Faca Milium, Instrumentos Lupus

Milium Knife, Lupus Instruments



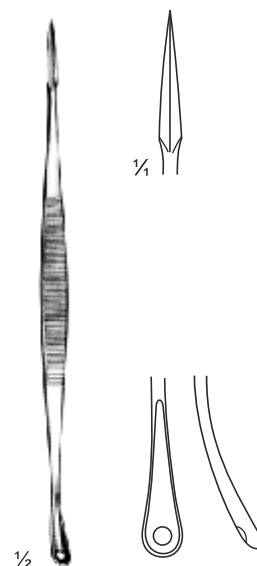
Unna
BI-338-033
14.5 cm



Unna
BI-338-034
14 cm



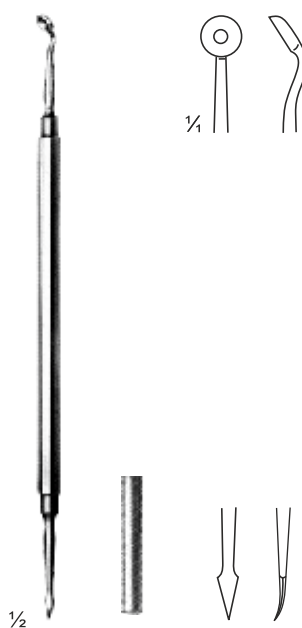
Saalfeld
BI-338-035
11 cm



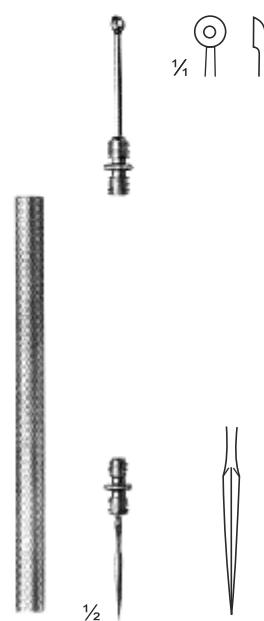
Saalfeld
BI-338-036
14.5 cm



Schamberg
BI-338-037
9.5 cm

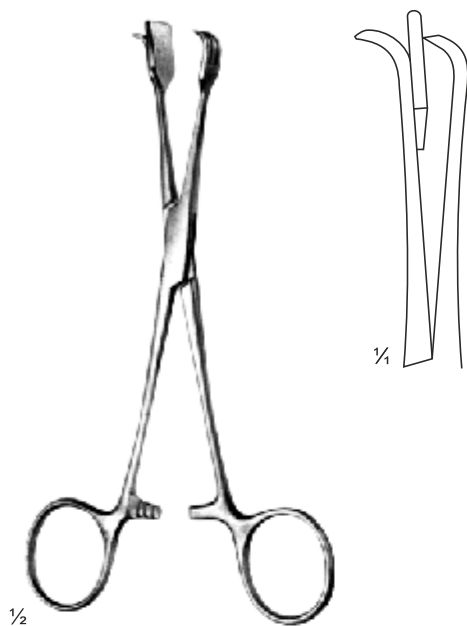


Katsch
BI-338-038
16 cm

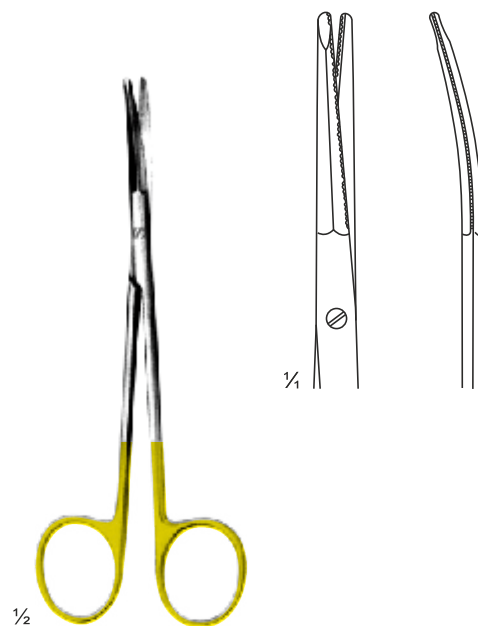


Unna-Vidal
BI-338-039
11 cm

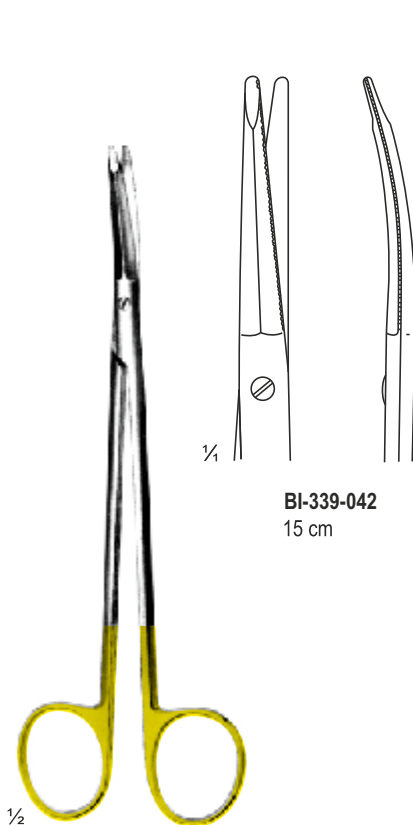
Face-Lift Forceps, Face-Lift Scissors With T.C.
 Face-Lift-Zange, Face-Lift-Schere mit T.C.
 Pinça Face-Lift, Tesoura Face-Lift Com T.C.
 Fórceps de estiramiento facial, tijeras de estiramiento facial con T.C.



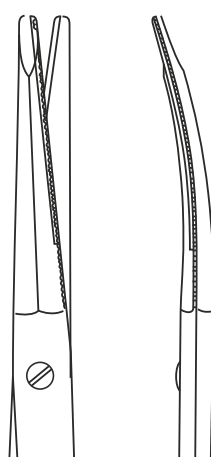
d' Assumpção
BI-339-040
 16 cm



Gergory
BI-339-041
 14.5 cm
 Curved toothed

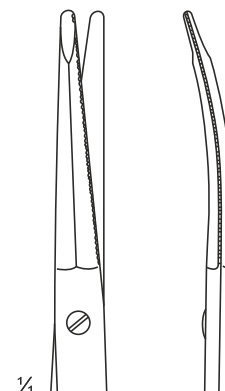


Kaye
BI-339-042 - BI-339-043
 Curved
 one toothed cutting edge



BI-339-042
 15 cm

BI-339-043
 18 cm



S-shaped



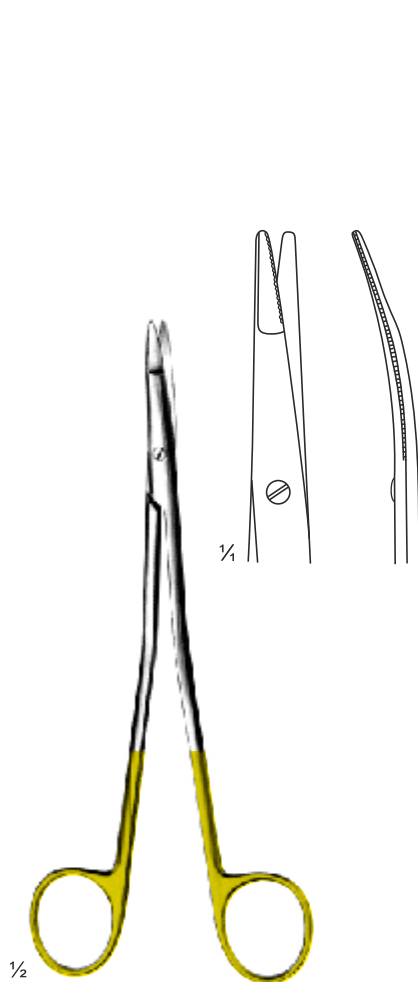
Stells-S
BI-339-044
 18 cm
 Curved
 one toothed cutting edge

Face-Lift Scissors T.C.

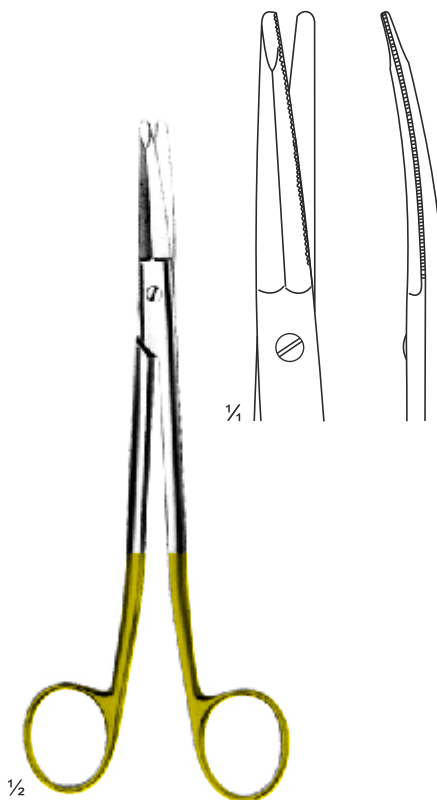
Face-Lift-Schere T.C.

Tesoura de Face-Lift T.C.

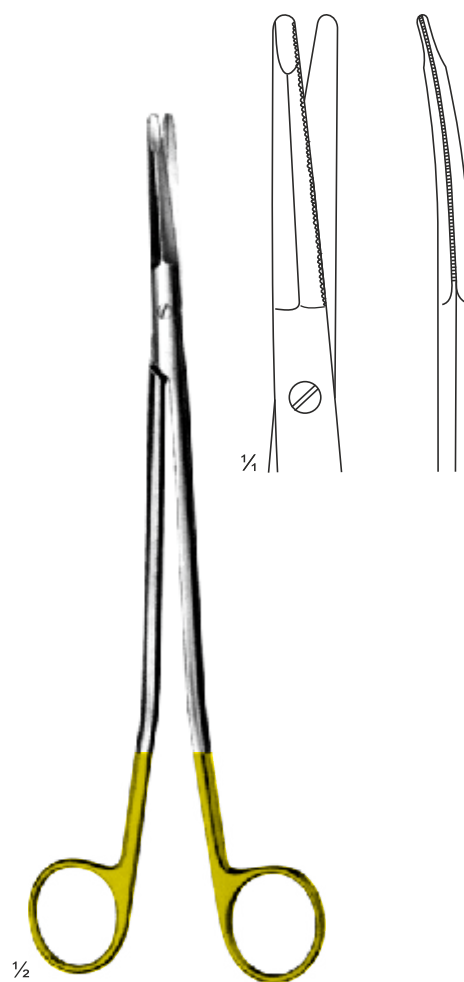
Face-Lift Scissors T.C.



Gorney
BI-340-045
17.5 cm
Curved
One Toothed Cutting Edge



Freeman-Kaye
BI-340-046
18 cm
Curved
One Toothed Cutting Edge



Freeman
BI-340-047
23 cm
Curved
One Toothed Cutting Edge



Stomach, Intestines, Rectum

Magen, Darm, Rektum

Estômago, Intestinos, Reto

Estómago, intestinos, recto

Page 341-355

Intestinal and Tissue Grasping Forceps

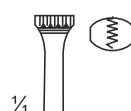
Intestinale und Gewebe fassende Zange
Pinça de apreensão intestinal e tecidual
Pinza de agarre intestinal y de tejidos



Allis-Baby
BI-341-001
13 cm



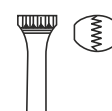
Allis
BI-341-002- BI-341-005
15.5 cm



BI-341-002
15.5 cm



BI-341-003
15.5 cm



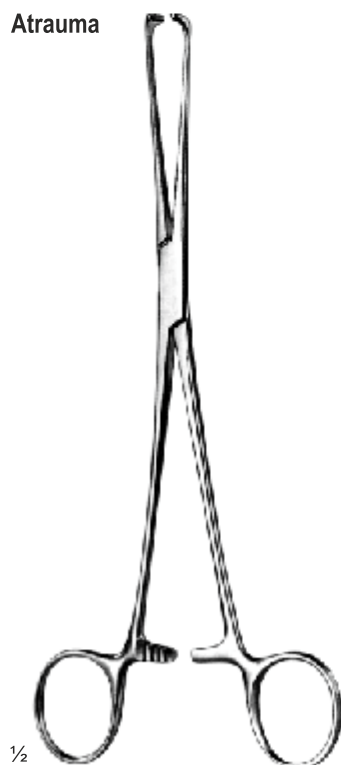
BI-341-004
19 cm



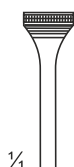
BI-341-005
25.5 cm



Atrauma



Allis
BI-341-006 - BI-341-009
20 cm



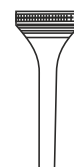
BI-341-006
15.5 cm



BI-341-007
20 cm



BI-341-008
24.5 cm



BI-341-009
30 cm

Intestinal and Tissue Grasping Forceps

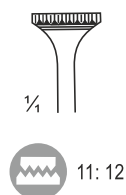
Intestinale und Gewebe fassende Zange

Pinça de apreensão intestinal e tecidual

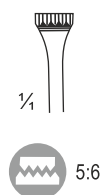
Pinza de agarre intestinal y de tejidos



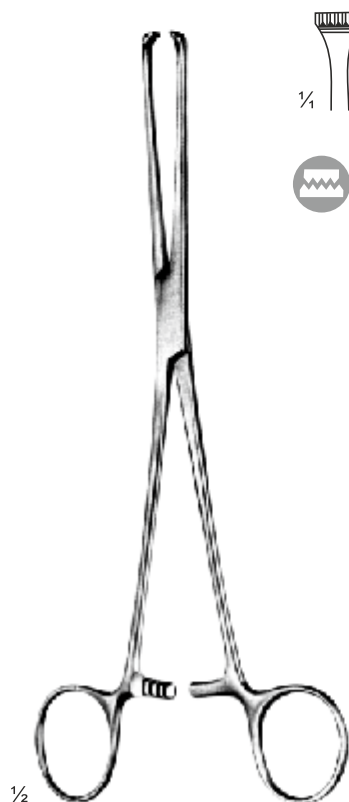
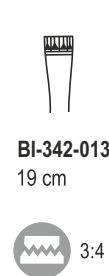
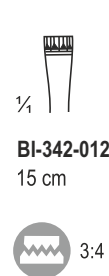
Allis-Adair
BI-342-010
16 cm



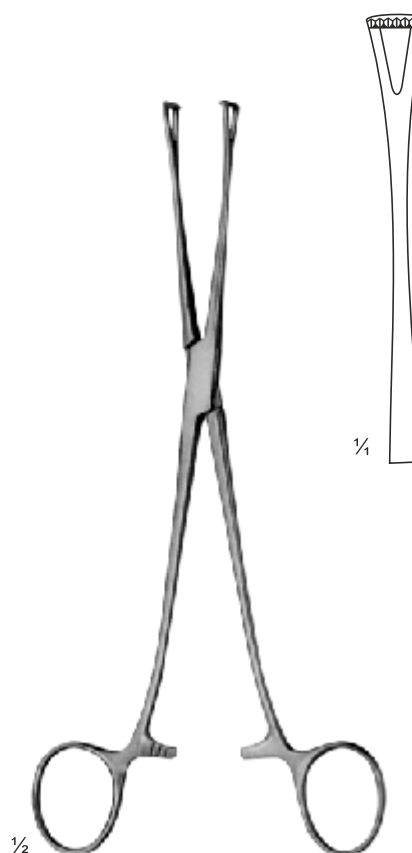
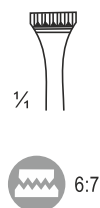
Boys-Allis
BI-342-011
15.5 mm



Judd-Allis
BI-342-012 - BI-342-013
15.5 cm



Thoms-Allis
BI-342-014
20.5 cm



Lockwood
BI-342-015
20 cm



Intestinal and Tissue Grasping Forceps

Intestinale und Gewebe fassende Zange

Pinça de apreensão intestinal e tecidual

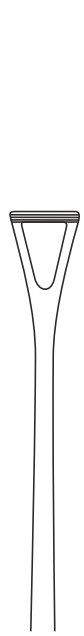
Pinza de agarre intestinal y de tejidos



Babcock
BI-343-016- BI-343-019
17.5 cm



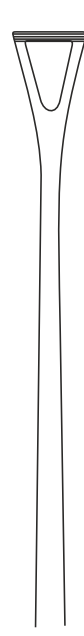
BI-343-016
15.5 cm



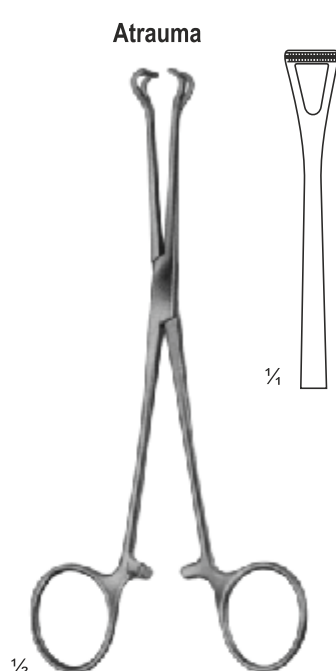
BI-343-017
17.5 cm



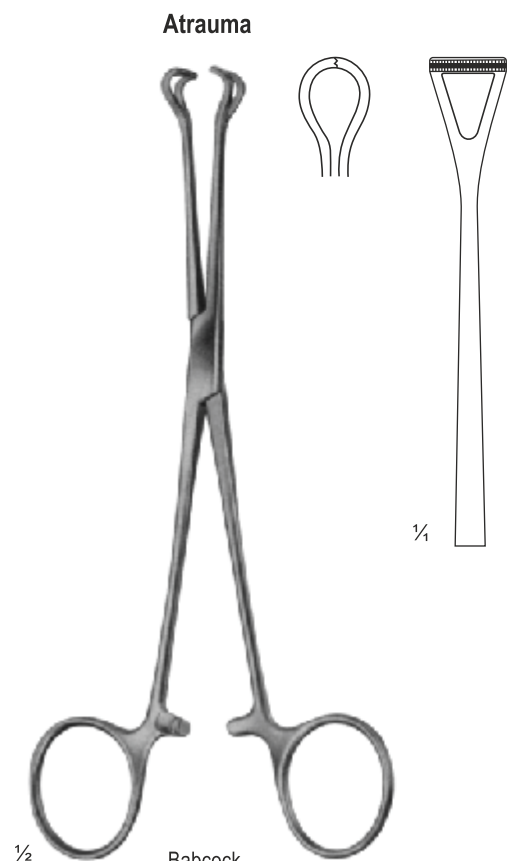
BI-343-018
21 cm



BI-343-019
24 cm



Babcock
BI-343-020
16 cm

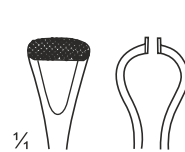


Babcock
BI-343-021
21 cm

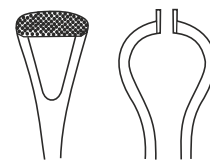
TC GOLD



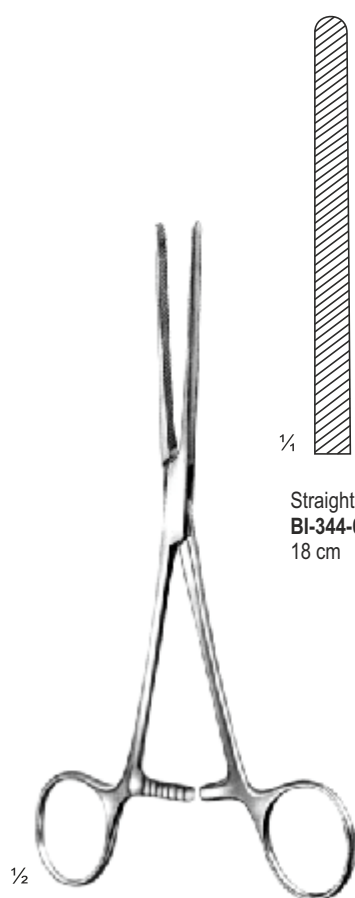
Babcock
BI-343-022 - BI-343-023
21 cm



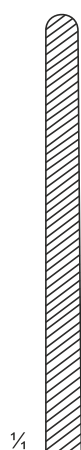
BI-343-022
16.5 cm



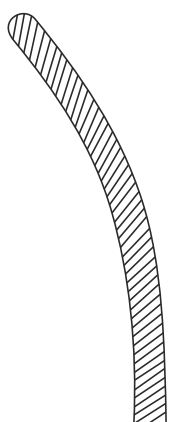
BI-343-023
21 cm



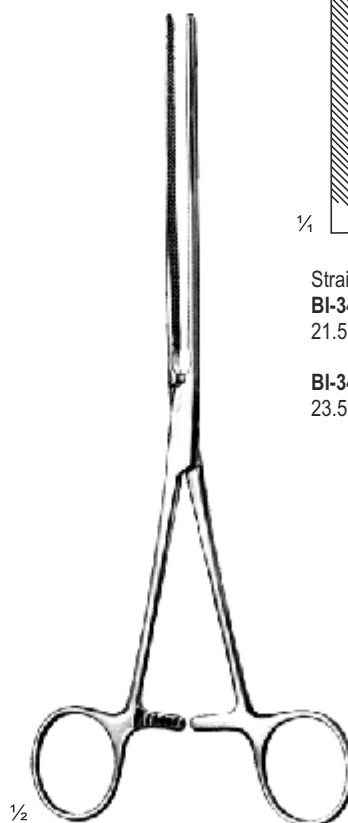
Doyen-Boby
BI-344-024 - BI-344-025
18 cm



Straight
BI-344-024
18 cm



Curved
BI-344-025
17.5 cm

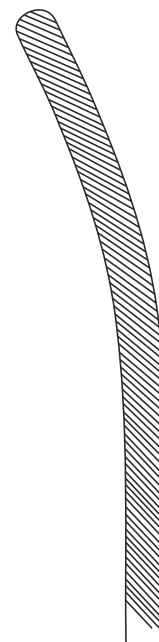


Doyen
BI-344-026 - BI-344-029
18 cm



Straight
BI-344-026
21.5 cm

BI-344-027
23.5 cm



Curved
BI-344-028
21 cm

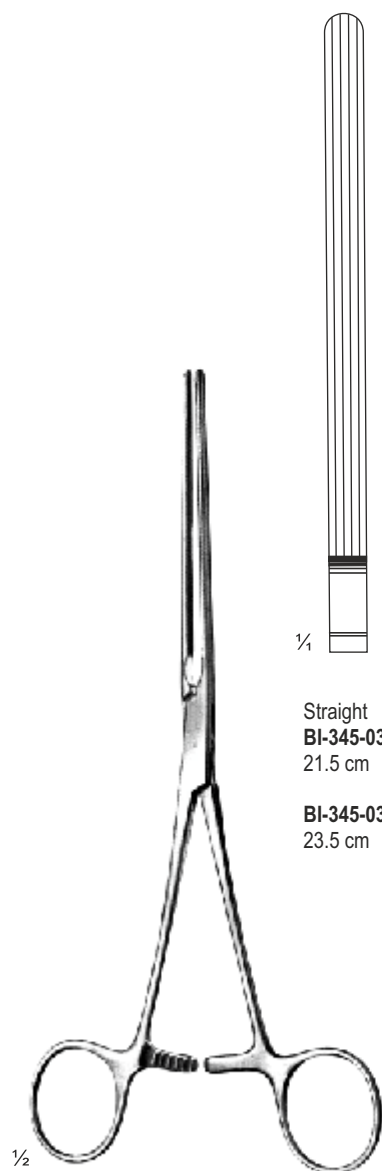
BI-344-029
23 cm

Intestinal Clamps

Darmklemmen

Grampos Intestinais

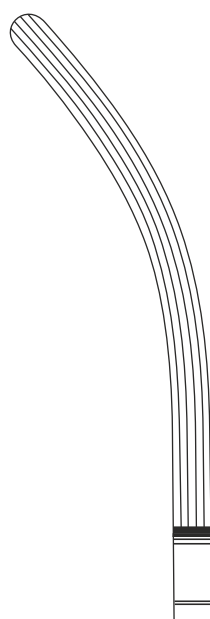
Pinzas intestinales



Straight
BI-345-030
21.5 cm

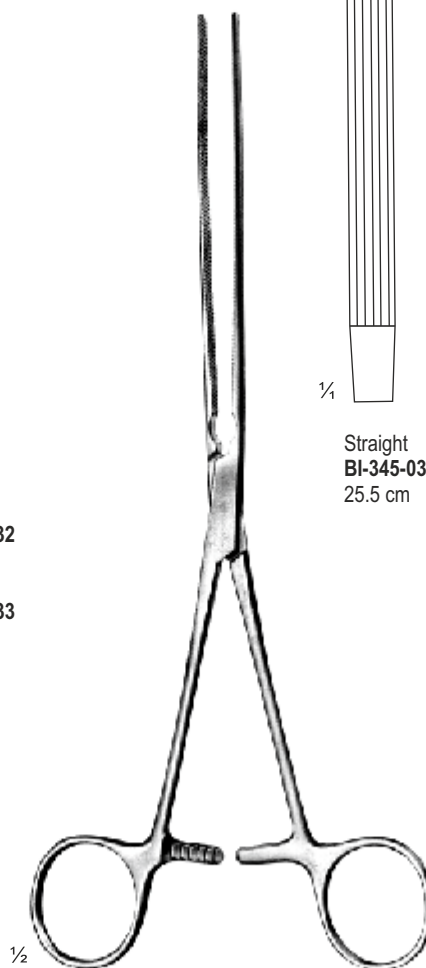
BI-345-031
23.5 cm

Mayo-Robson
BI-345-030 - BI-345-033
21.5 cm



Curved
BI-345-032
21 cm

BI-345-033
23 cm



Straight
BI-345-034
25.5 cm

Curved
BI-345-035
24.5 cm

Mayo-Robson
BI-345-034 - BI-345-035
25.5 cm

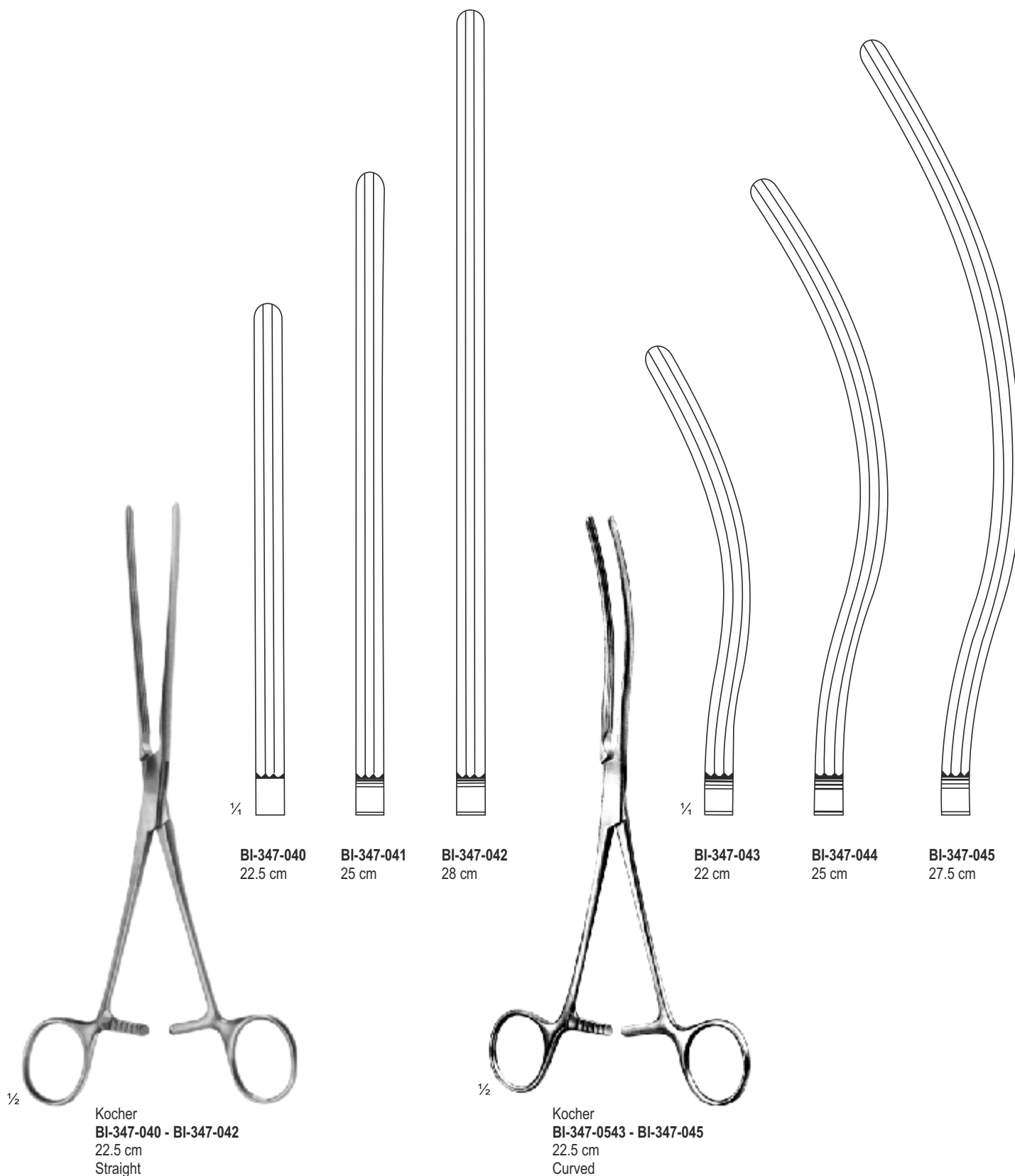


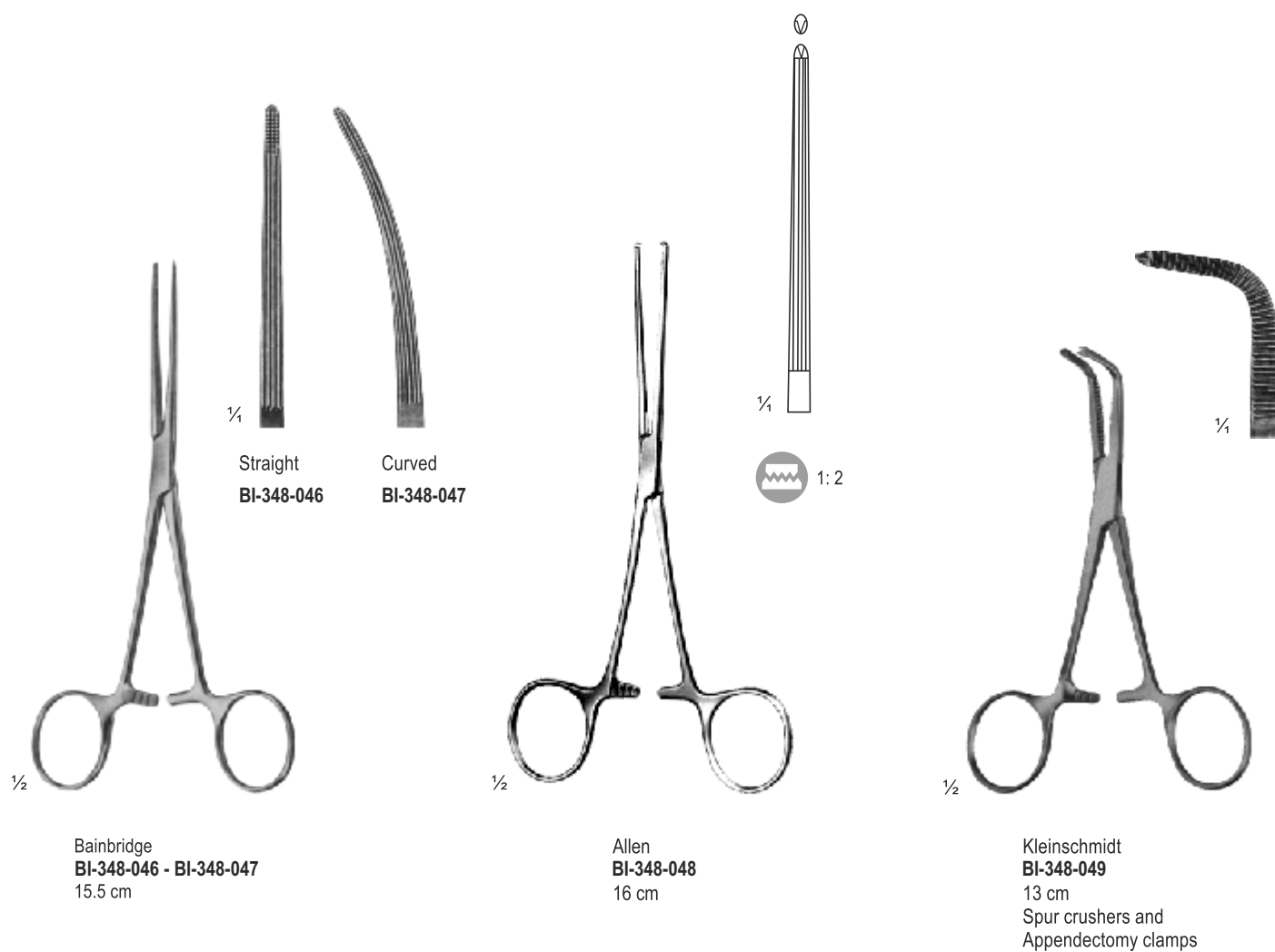
Intestinal Clamps

Darmklemmen

Grampos Intestinais

Pinzas intestinales





Intestinal Clamps

Darmklemmen

Grampos Intestinais

Pinzas intestinales

Atrauma



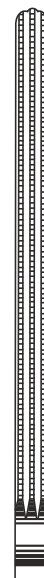
Doyen-Baby
BI-349-050 - BI-349-054
18 cm
Straight



BI-349-050
14 cm



BI-349-051
17 cm



BI-349-052
18.5 cm



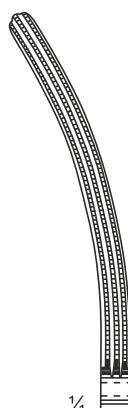
BI-349-053
21.5 cm



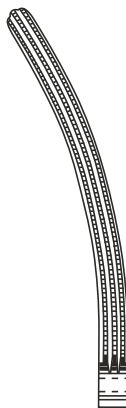
BI-349-054
23.5 cm



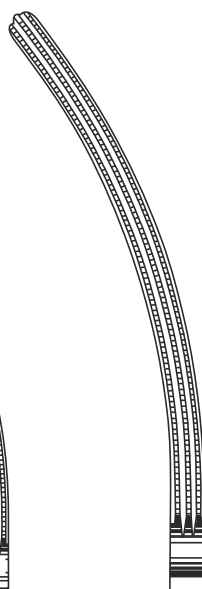
Doyen-Baby
BI-349-055 - BI-349-059
18 cm
Curved



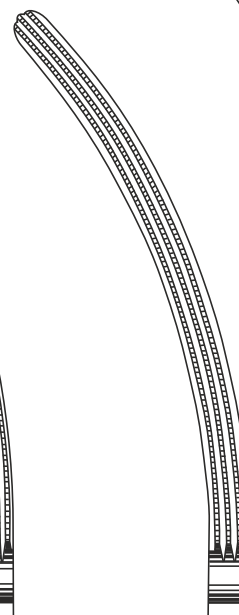
BI-349-055
13.5 cm



BI-349-056
17 cm



BI-349-057
18 cm



BI-349-058
21 cm



BI-349-059
23 cm



70 x 70 mm

1/2

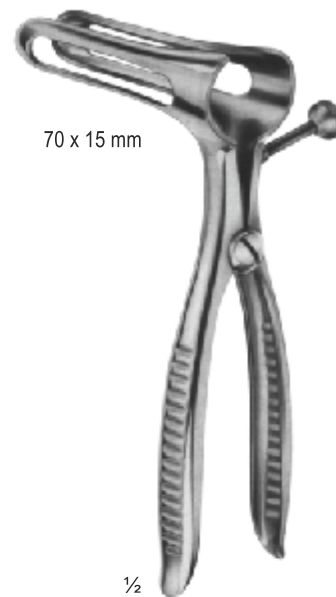
Killian
BI-350-060 Brass
BI-350-061 Stainless steel
14.5 cm



70 x 15 mm

1/2

Sims
BI-350-062 Brass
BI-350-063 Stainless steel
15.5 cm



70 x 15 mm

1/2

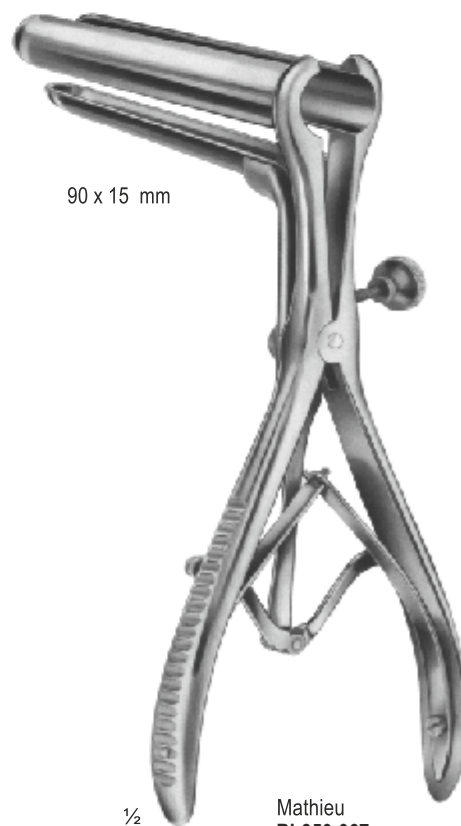
Sims
BI-350-064 Brass
BI-350-065 Stainless steel
15.5 cm



80 x 25 mm

1/2

Pratt
BI-350-066
20.5 cm
Brass



90 x 15 mm

1/2

Mathieu
BI-350-067
21.5 cm
Brass

Rectal Specula
Rektale Spekula
Espéculo Retal
Espéculos rectales



$\frac{1}{2}$

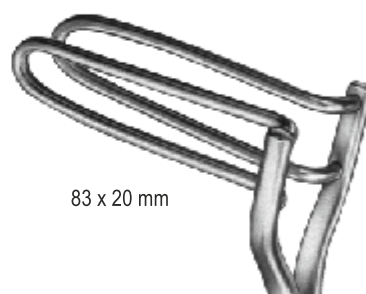
Sims
BI-351-068 - BI-351-071



60 x 20 mm

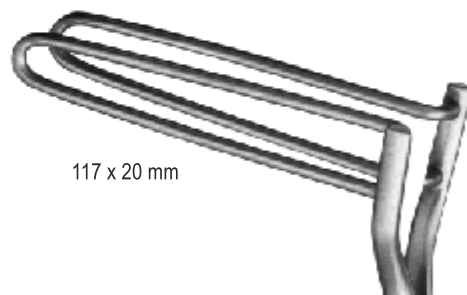
$\frac{1}{4}$

BI-351-068
19 cm
For children



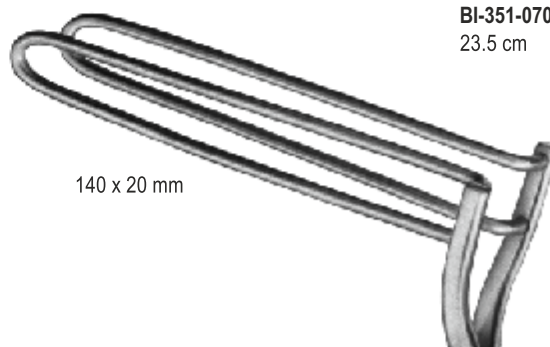
83 x 20 mm

BI-351-069
23.5 cm
For adults



117 x 20 mm

BI-351-070
23.5 cm



140 x 20 mm

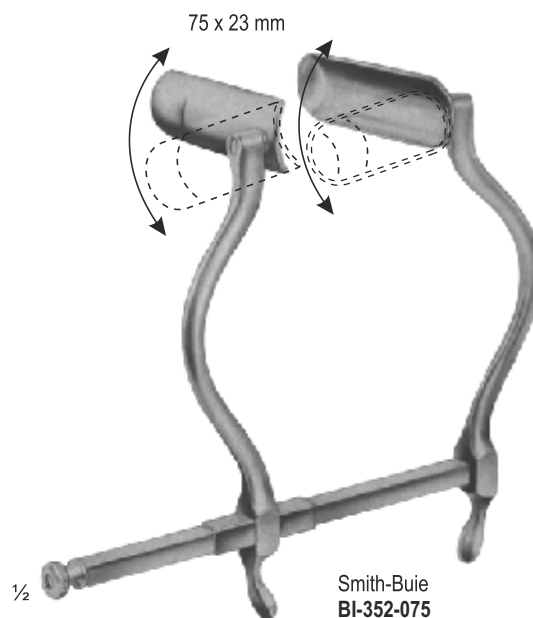
BI-351-071
24.5 cm



Brinkerhoff

BI-352-072 - BI-352-074
BI-352-072 13 - 25 mm Ø / 89 mm

BI-352-073 13 - 25 mm Ø / 102 mm

BI-352-074 19 - 32 mm Ø / 114 mm


Smith-Buie

BI-352-075

15 cm



Roschke

BI-352-076

15 cm

With fibre optic



Barr

BI-352-077

17 cm

Anuscope

Anuskop
Ânuscópio
Anuscope



Bensaude
BI-353-078 - BI-353-079

BI-353-078
Working length
70 X 19 mm

BI-353-079
Working length
70 X 22 mm



Hirschmann
BI-353-080 - BI-353-082

BI-353-080
Working length
65 X 16 mm

BI-353-081
Working length
65 X 19 mm

BI-353-082
Working length
65 X 22 mm



Ives-Fansler
BI-353-083
14.5 cm

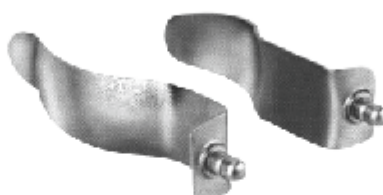
Working length
80 mm



Alan-Parks
BI-354-084 - BI-354-090

BI-354-084
 14 cm
 Without F.O. light carrier

BI-354-085
 14 cm
 With F.O. light carrier



BI-354-087
 Wing nut

BI-354-088
 Pair of lateral blades, short, useful length 75 mm

BI-354-089
 Pair of lateral blades, long, useful length 95 mm



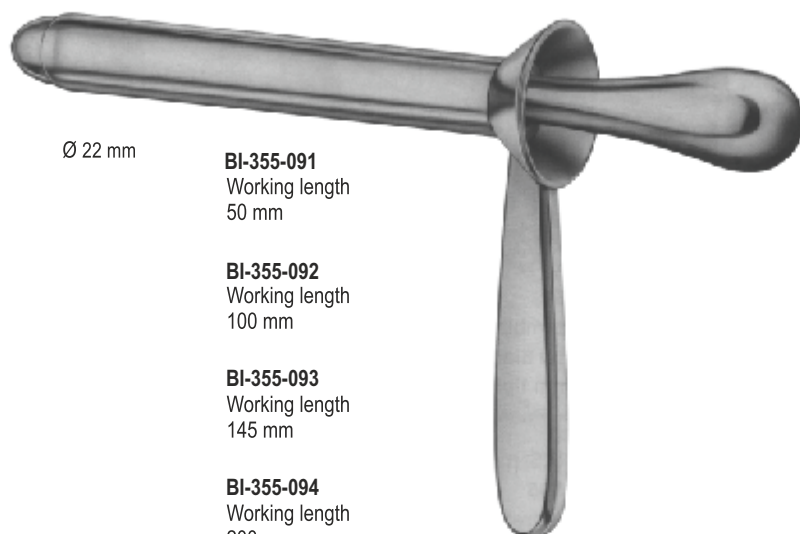
BI-354-090
 Central blades, useful length 95 mm

1/4

BI-354-086
 F.O. light carrier

Sphincteroscopes, Hemorrhoidal Ligators

Sphinkterskope, hämorrhoidale Ligatoren
Sphincteroscopes, Ligadores Hemorrhoidais
Esfincteroscopios, ligadores hemorroidales



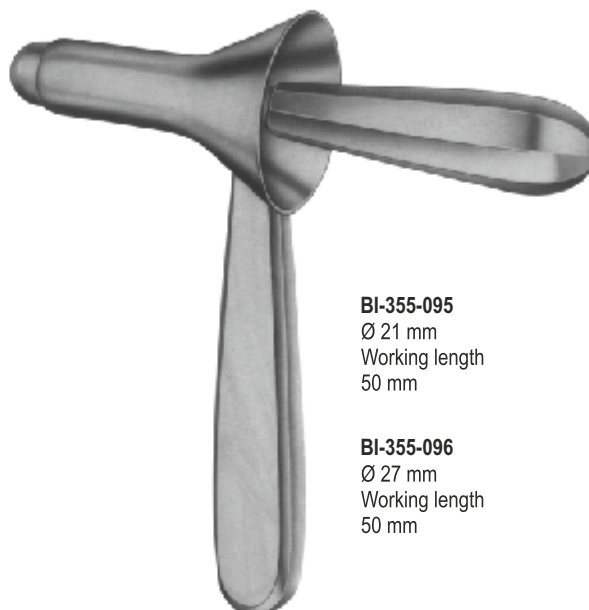
Ø 22 mm

BI-355-091
Working length
50 mm

BI-355-092
Working length
100 mm

BI-355-093
Working length
145 mm

BI-355-094
Working length
200 mm



BI-355-095
Ø 21 mm
Working length
50 mm

BI-355-096
Ø 27 mm
Working length
50 mm

Kelly
BI-355-091 - BI-355-094
Sphincteroscopes

Kelly
BI-355-095 - BI-355-096
Sphincteroscopes



BI-355-097
Loading Cone



Rudd
BI-355-097 - BI-355-099
Hemorrhoidal ligators

BI-355-098
27.5 cm
Complete with loading cone



BI-355-099
Rubber rings
package of 100 pieces



Liver, Gall Bladder, Kidney and Urology

Leber, Gallenblase, Niere und Urologie

Fígado, vesícula biliar, riñón y urología

Hígado, vesícula biliar, riñón y urología

Page 356-366

Kidney Stone Forceps

Nierensteinzange

Pinça de Pedra no Rim

Pinzas de piedra de riñón

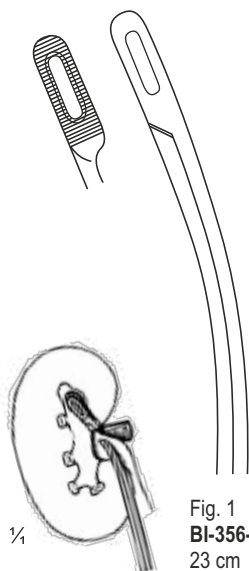


Fig. 1
BI-356-001
23 cm

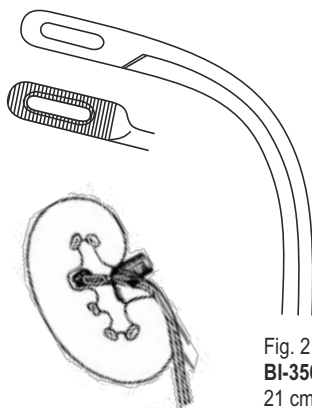


Fig. 2
BI-356-002
21 cm

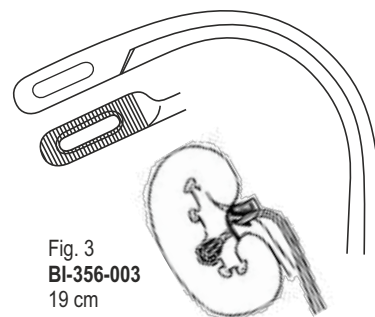


Fig. 3
BI-356-003
19 cm

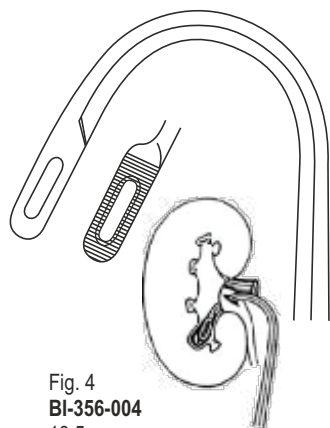


Fig. 4
BI-356-004
18.5 cm

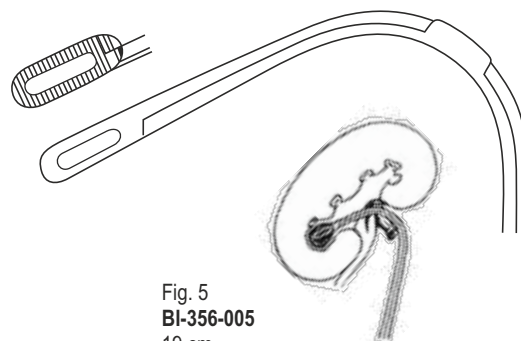


Fig. 5
BI-356-005
19 cm



Randall
BI-356-001 - BI-356-006
23 cm

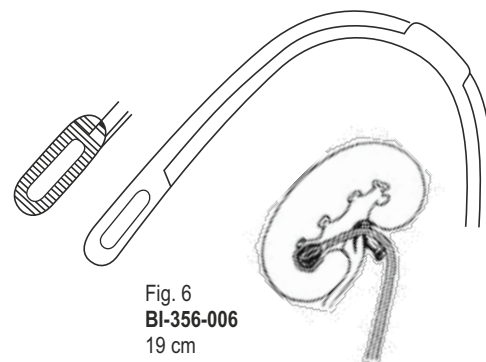
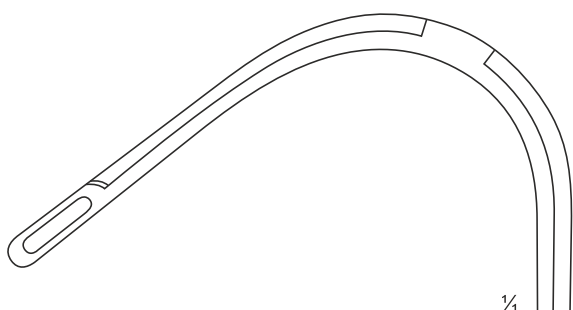
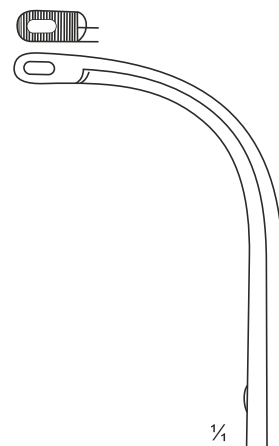


Fig. 6
BI-356-006
19 cm



¼

Fig. 1
BI-357-007
23 cm



¼

Fig. 1
BI-357-009
16 cm

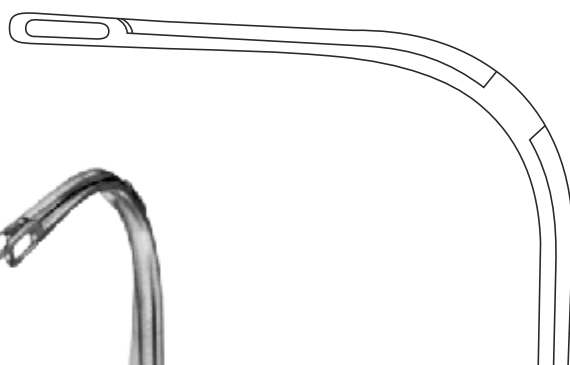


Fig. 2
BI-357-008
24 cm

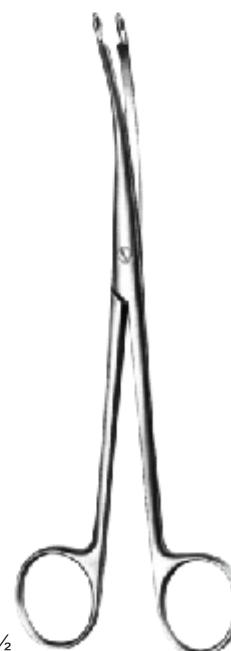


Fig. 2
BI-357-010
17 cm



½

Randall
BI-357-007 - BI-357-008
23 cm
Extremely delicate pattern

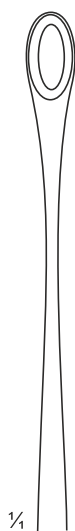


½

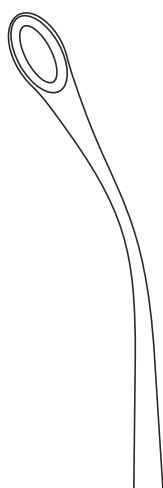
Heiming
BI-357-009 - BI-357-010
17 cm
For children

Gall Stone Forceps

Gallensteinzange
Pinça de pedra biliar
Pinzas de piedra



BI-358-011



BI-358-012



1/2

Blake
BI-358-011 - BI-358-012
21 cm



1/4



1/2

Mayo-Blake
BI-358-013
21 cm
Straight



1/4



1/2

Mayo-Blake
BI-358-014
21 cm
Angled



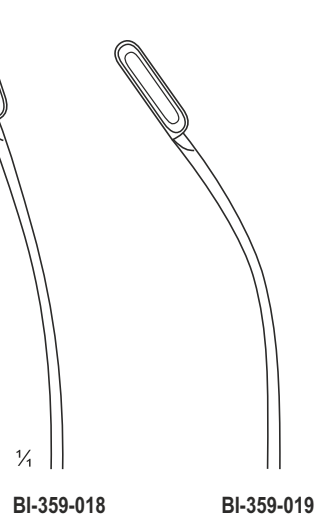
Mixer
BI-359-015
22 cm



Desjardins
BI-359-016 - BI-359-017
23 cm



Desjardins
BI-359-018 - BI-359-019
23 cm
very slender pattern

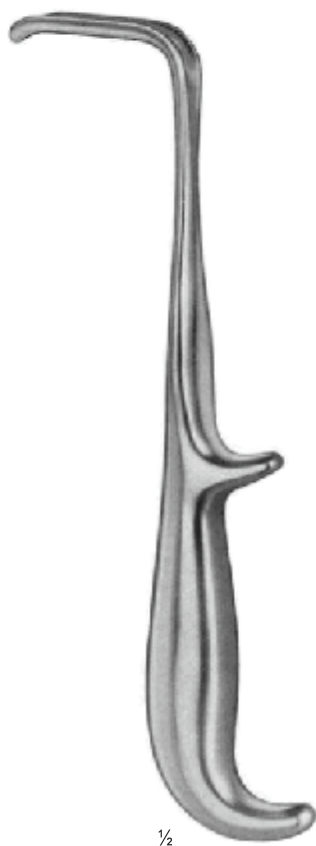
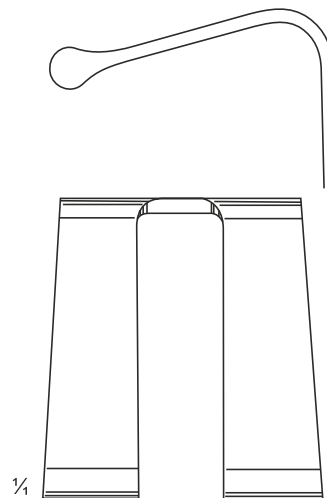
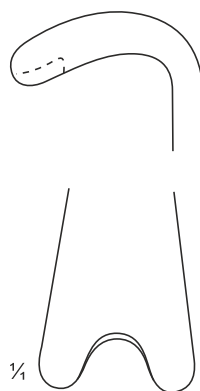
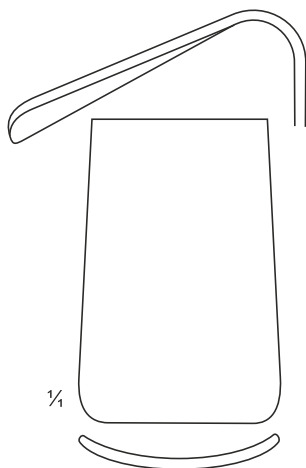
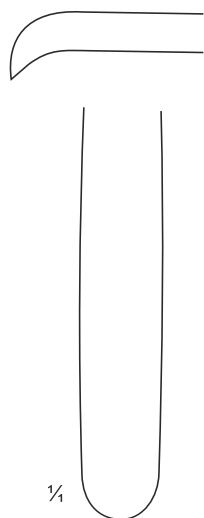


BI-359-018

BI-359-019

Prostatic Retractors

Prostatic Retraktoren
Retratores Prostáticos
Retradores prostáticos



Young
BI-360-020
22 cm



Young
BI-360-021
22 cm



Young
BI-360-022
21.5 cm



Young
BI-360-023
23 cm

Bladder Spatula, Bladder Retractors, Cord Tissue Hook

Blasenspatel, Blasen-Retraktoren, Schnur-Gewebe-Haken

Espátula da bexiga, retratores da bexiga, gancho do tecido do cabo

Espátula vesical, retractor de vejiga, gancho de tejido del cordón



Legueu
BI-361-024
24 cm
Blade 35 mm
Bladder spatula



Kocher
BI-361-025
26 cm
Bladder retractors
blade 56 mm



Kocher
BI-361-026
26 cm
Bladder retractors
Blade 67 mm



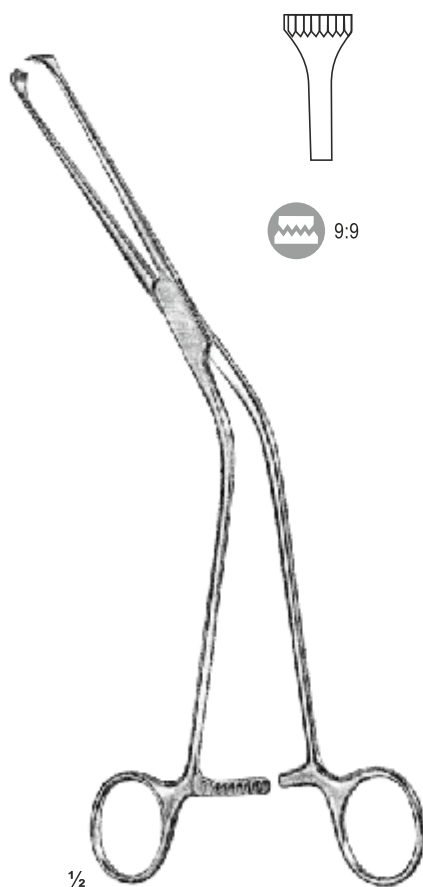
Spermatic
BI-361-027
16 cm
Cord tissue hook

Capsule Forceps, Ligature Carrying Forceps

Kapselpinzette, Ligaturtragezange

Pinça de cápsula, pinça para transporte de ligaduras

Fórceps de cápsula, pinças de transporte de ligadura



Millin
BI-362-028
22 cm
Capsule forceps



Millin
BI-362-029
24 cm
Ligature carrying forceps

Bladder Retractors

Blasen-Reraktoren
Retradores da Bexiga
Retradores de vejiga



Legueu
BI-363-030
Center blade
80 x 31 mm



Judd-Masson
BI-363-031
Spreading
120 mm



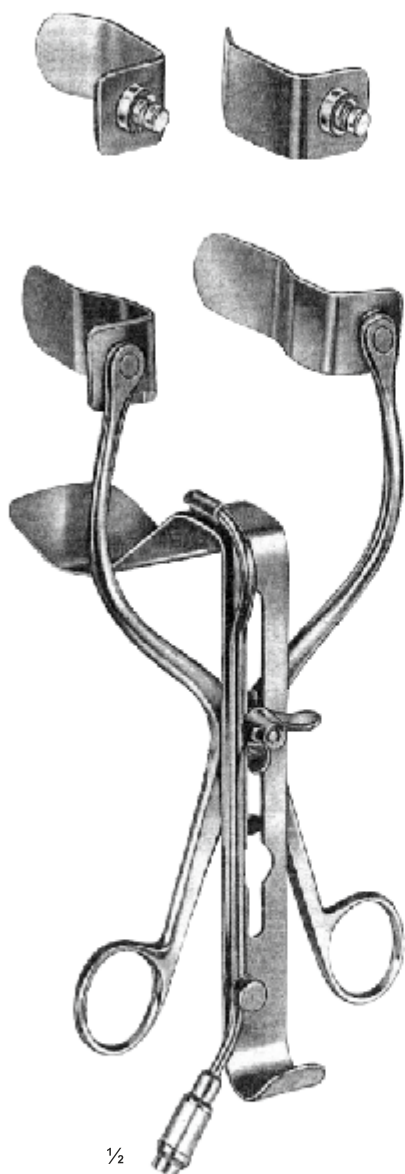
Judd-Masson
BI-363-032
Self-retaining with swivel blade 70 x 25 mm
and center blade 70 mm deep
opening 10 cm



Judd-Masson
BI-363-033
Self-retaining with swivel blade,
cross bar 16.8 cm, Blade depth 6.9 cm.
Arm length 13 cm

Bladder Retractors

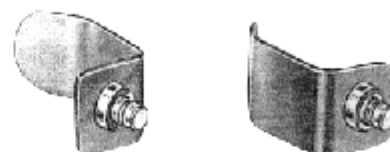
Blasen-Retraktoren
Retratores da Bexiga
Retradores de vejiga



Millin

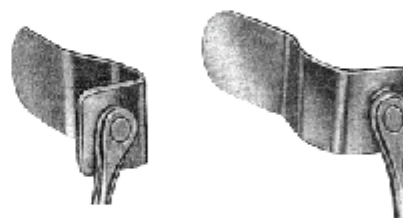
BI-364-034

complete, with 2 pairs of lateral blades 57 x 25 mm and 80 x 25 mm, and 1 central blade 120 X 45 mm, **without** F.O. carrier



BI-364-035

Lateral blades
57 x 25 mm



BI-364-036

Lateral blades
80 x 25 mm

BI-364-037

Central Blade, **without** F.O. carrier

Millin

BI-364-039

complete, with 2 pairs of lateral blades 57 x 25 mm and 80 x 25 mm, and 1 central blade 120 X 45 mm, **with** F.O. carrier

BI-364-038

Fiber Optic Light Carrier



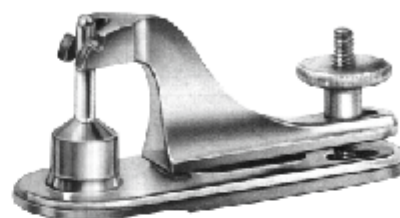
Urethrography, Instrument, Circumcision Clamps, Penis Clamps

Urethrographie, Instrument, Beschneidung Klammern, Penisklammern
Urethrography, instrumento, braçadeiras da circuncisão, braçadeiras do pênis
Uretrografía, instrumento, abrazaderas de circuncisión, pinzas de pene



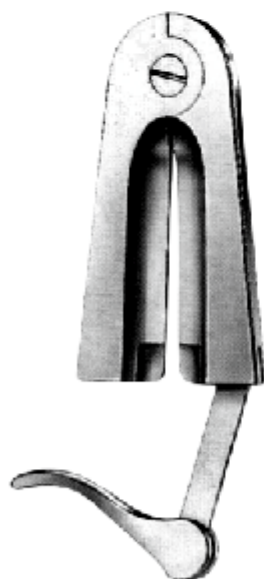
Knutson
BI-365-040
Urethrography Instrument

Knutson-Koch
BI-365-041
Cone, only



BI-365-042 - BI-365-048
Circumcision gomco clamp

- BI-365-042** Ø 8 mm
- BI-365-043** Ø 11 mm
- BI-365-044** Ø 13 mm
- BI-365-045** Ø 16 mm
- BI-365-046** Ø 21 mm
- BI-365-047** Ø 26 mm
- BI-365-048** Ø 32 mm



Mogen
BI-365-049
7.5 cm
Circumcision clamp



Stockmann
BI-365-050
8 cm
Penis clamp



Strauss
BI-365-051
11 cm
Penis clamp

BI-365-052
1 pair of flexible tubes only



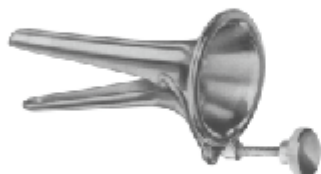
Gynecology

Gynäkologie

Ginecologia

Ginecología

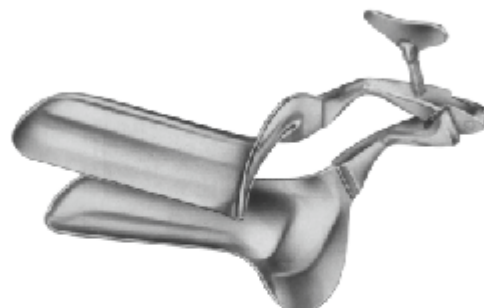
Page 367-389



Collin
BI-367-001
53 x 10 mm
For children



Collin
BI-367-002
95/85 x 18 mm



Collin
BI-367-003 80 x 30 mm
BI-367-004 100 x 35 mm
BI-367-005 110 x 40 mm



Cusco
BI-367-006 90 x 22 mm Small
BI-367-007 100 x 25 mm Medium
BI-367-008 110 x 27 mm Large
Swiss pattern, side screw



Cusco
BI-367-009 90 x 22 mm Small
BI-367-010 100 x 25 mm Medium
BI-367-011 110 x 27 mm Large
Swiss pattern, center screw



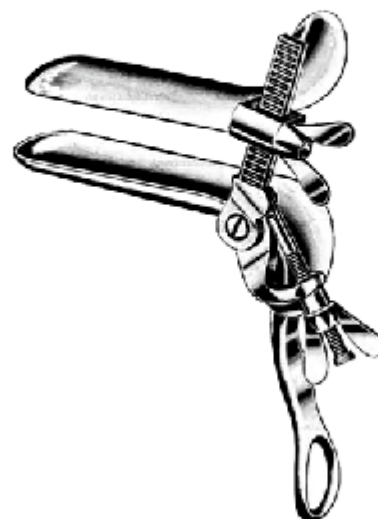
Cusco
BI-367-012 95 x 30 mm Small
BI-367-013 105 x 33 mm Medium
BI-367-014 110 x 35 mm Large
German pattern, side screw



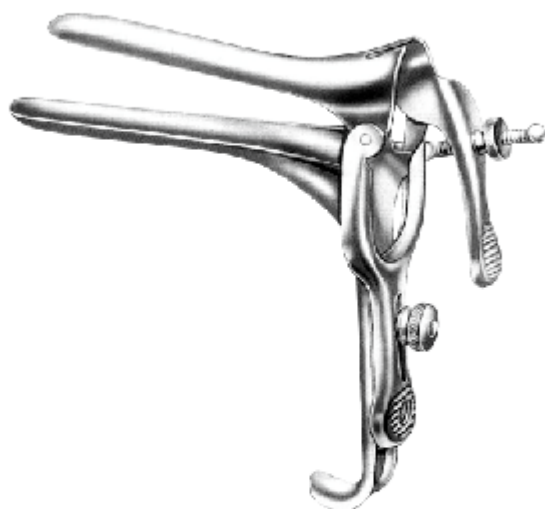
Cusco
BI-367-015 95 x 30 mm Small
BI-367-016 105 x 33 mm Medium
BI-367-017 110 x 35 mm Large
German pattern, center screw



Cusco
BI-368-018 Side screw
BI-368-019 Center screw
 75 x 17 mm
 Virgin



Trelat
BI-368-020 85 x 33 mm
BI-368-021 95 x 35 mm
BI-368-022 115 x 43 mm



Graves
BI-368-023 75 x 20 mm
BI-368-024 95 x 30 mm
BI-368-025 105 x 33 mm



Pederson
BI-368-026 75 x 13 mm
BI-368-027 100 x 22 mm
BI-368-028 120 x 25 mm



Semm
BI-369-029 - BI-369-030
BI-369-029 100 x 20-25 mm
BI-369-030 100 x 27-35 mm



Seyffert
BI-369-031 - BI-369-032
BI-369-031 100 x 24 mm
BI-369-032 110 x 32 mm
23 cm



Guttman
BI-369-033
90 x 35 mm

Vaginal Specula, Vaginal Retractors

Vaginale Spekula, Vaginale Retraktoren
Espécula Vaginal, Retratores Vaginais
Espéculos vaginales, retractoros vaginales



Sims

BI-370-034 - BI-370-036**BI-370-034** 65 x 25 mm**BI-370-035** 70 x 30 mm**BI-370-036** 85 x 35 mm

Set of 3



Jackson

BI-370-037 - BI-370-039**BI-370-037** 75 x 38 mm**BI-370-038** 90 x 38 mm**BI-370-039** 100 x 38 mm

Vaginal retractors



Kristeller

BI-370-040 - BI-370-042**BI-370-040** Fig.1 70 x 27 mm**BI-370-041** Fig.2 80 x 30 mm**BI-370-042** Fig.3 90 x 36 mm

Vaginal Speculum



Kristeller

BI-370-043 - BI-370-045**BI-370-043** Fig. 1 (20-132-01 & 20-136-01)**BI-370-044** Fig. 2 (20-132-02 & 20-136-02)**BI-370-045** Fig. 3 (20-132-03 & 20-136-03)

Speculum /retractors (set)

Vaginal retractor (Set)



Kristeller

BI-370-046 - BI-370-048**BI-370-046** Fig. 1 75 x 23 mm**BI-370-047** Fig. 2 85 x 26 mm**BI-370-048** Fig. 3 100 x 32 mm

Vaginal retractors



Kristeller

BI-370-049 - BI-370-050**BI-370-049** Fig. 1 105 x 18 mm**BI-370-050** Fig. 2 110 x 21 mm

Speculum slender pattern

Vaginal Specula, Vaginal Retractors

Vaginale Spekula, Vaginale Retraktoren

Espécule Vaginal, Retractores Vaginais

Espéculos vaginales, retractoros vaginales



Kristeller

BI-371-051 - BI-371-052

BI-371-051 Fig. 1 110 x 14 mm

BI-371-052 Fig. 2 115 x 17 mm

Vaginal retractor

Slender pattern



Kristeller

BI-371-053 - BI-371-054

BI-371-053 Fig. 1 (20-138-01 & 20-140-01)

BI-371-054 Fig. 2 (20-138-02 & 20-140-02)

Speculum / retractor (set)

slender pattern



Kristeller

BI-371-055 - BI-371-057

BI-371-055 Fig. 1 105 x 26 mm

BI-371-056 Fig. 2 105 x 28 mm

BI-371-057 Fig. 3 105 x 33 mm

Flat speculum

Vaginal Specula, Vaginal Retractors

Vaginale Spekula, Vaginale Retraktoren
Espécua Vaginal, Retratores Vaginais
Espécúlos vaginales, retractoros vaginales



Kallmorgen

BI-372-058 - BI-372-059**BI-372-058** Fig. 1 70 x 37 mm**BI-372-059** Fig. 2 90 x 37 mm

Vaginal retractor



Kallmorgen

BI-372-060 - BI-372-031**BI-372-060** Fig. 1 (20-156-01 & 20-158-01)**BI-372-061** Fig. 2 (20-156-02 & 20-158-02)

speculum / retractor (Set)



Doyen

BI-372-062 Fig. 1 58 x 35 mm**BI-372-063** Fig. 2 88 x 35 mm**BI-372-064** Fig. 3 118 x 35 mm**BI-372-065** Fig. 1 60 x 47 mm**BI-372-066** Fig. 2 78 x 47 mm**BI-372-067** Fig. 3 120 x 47 mm**BI-372-068** Fig. 4 165 x 47 mm**BI-372-069** Fig. 1 55 x 60 mm**BI-372-070** Fig. 2 85 x 60 mm**BI-372-071** Fig. 3 115 x 60 mm

Vaginal speculum slightly concave

Vaginal Specula, Vaginal Retractors

Vaginale Spekula, Vaginale Retraktoren

Espécule Vaginal, Retratores Vaginais

Espéculos vaginales, retractoros vaginales



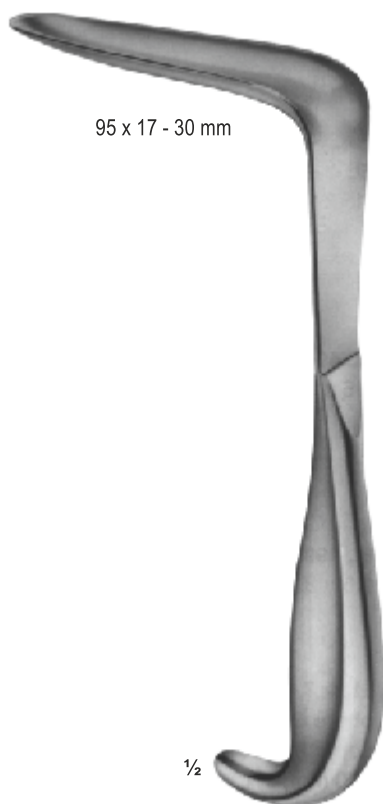
56 x 13 mm

Braun
BI-373-072
18 cm
Vaginal speculum



60 x 10 mm

Braun
BI-373-073
18 cm
Vaginal speculum



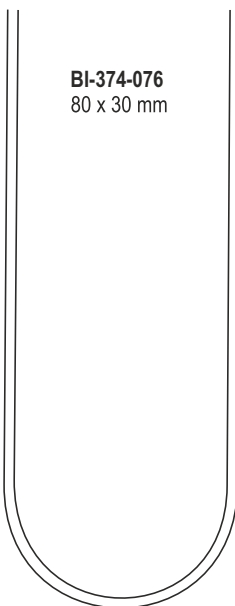
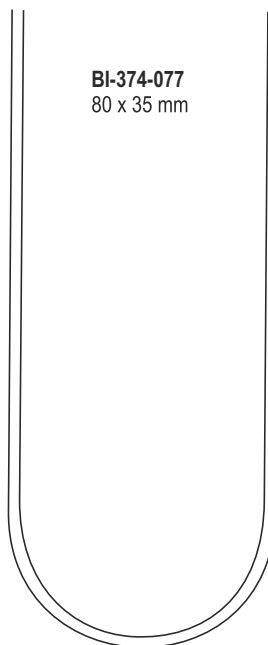
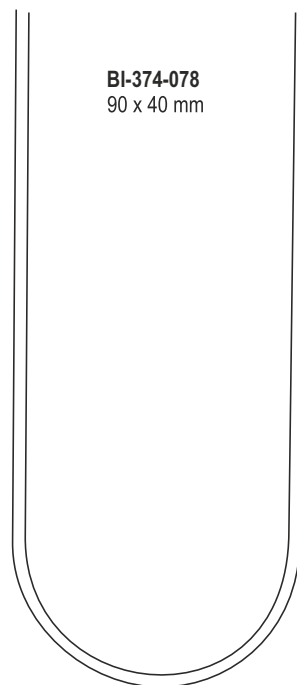
95 x 17 - 30 mm

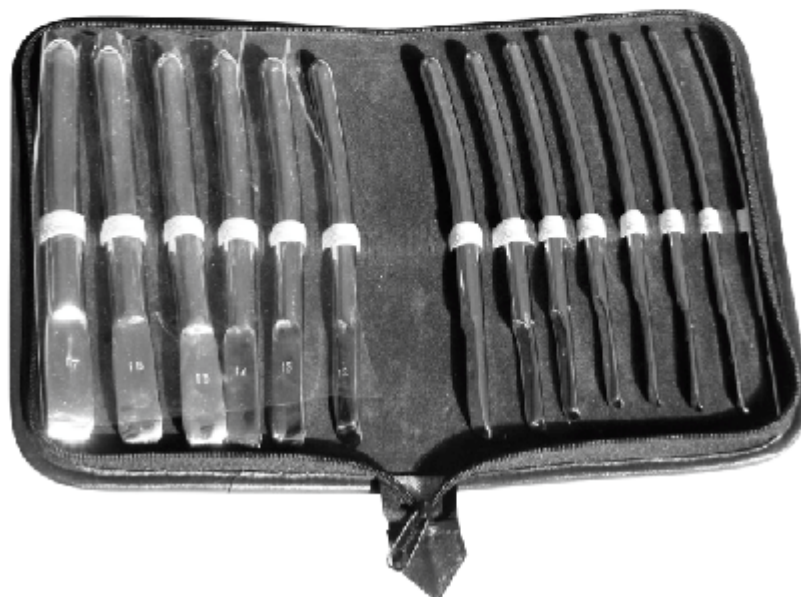
Mathieu
BI-373-074
21 cm
Speculum for
children and virgins



95 x 17-26 mm

Mathieu
BI-373-075
21 cm
Vaginal retractor
for children and virgins

Scherbak
Specula Blade, Only**BI-374-076**
80 x 30 mm**BI-374-077**
80 x 35 mm**BI-374-078**
90 x 40 mmScherbak
Specula Blade, Only**BI-374-079**
62 x 40 - 60 mm**BI-374-080**
81 x 45 - 70 mmScherbak
BI-374-081



1/2

1 mm	BI-375-082	1.5 mm	BI-375-108
2 mm	BI-375-083	2.5 mm	BI-375-109
3 mm	BI-375-084	3.5 mm	BI-375-110
4 mm	BI-375-085	4.5 mm	BI-375-111
5 mm	BI-375-086	5.5 mm	BI-375-112
6 mm	BI-375-087	6.5 mm	BI-375-113
7 mm	BI-375-088	7.5 mm	BI-375-114
8 mm	BI-375-089	8.5 mm	BI-375-115
9 mm	BI-375-090	9.5 mm	BI-375-116
10 mm	BI-375-091	10.5 mm	BI-375-117
11 mm	BI-375-092	11.5 mm	BI-375-118
12 mm	BI-375-093	12.5 mm	BI-375-119
13 mm	BI-375-094	13.5 mm	BI-375-120
14 mm	BI-375-095	14.5 mm	BI-375-121
15 mm	BI-375-096	15.5 mm	BI-375-122
16 mm	BI-375-097	16.5 mm	BI-375-123
17 mm	BI-375-098	17.5 mm	BI-375-124
18 mm	BI-375-099		
19 mm	BI-375-100		
20 mm	BI-375-101		
21 mm	BI-375-102		
22 mm	BI-375-103		
23 mm	BI-375-104		
24 mm	BI-375-105		
25 mm	BI-375-106		
26 mm	BI-375-107		

BI-375-125

set of 14 pieces (full sizes) from 4 to 17 mm without pouch

BI-375-126

set of 14 pieces (full sizes) from 4 to 17 mm in pouch

BI-375-127

set of 26 pieces (full sizes) from 1 to 26 mm without pouch

BI-375-128

pouch only, for Ø 4-7 mm

BI-375-129

set complete, packed in pouch

Hegar
BI-375-082 - BI-375-124
18.5 cm



1/2

Hegar
BI-376-130 - BI-376-142
20 cm

BI-376-130	1.0 / 2.0 mm
BI-376-131	3.0 / 4.0 mm
BI-376-132	5.0 / 6.0 mm
BI-376-133	7.0 / 8.0 mm
BI-376-134	9.0 / 10.0 mm
BI-376-135	11.0 / 12.0 mm
BI-376-136	13.0 / 14.0 mm
BI-376-137	15.0 / 16.0 mm
BI-376-138	17.0 / 18.0 mm
BI-376-139	19.0 / 20.0 mm
BI-376-140	21.0 / 22.0 mm
BI-376-141	23.0 / 24.0 mm
BI-376-142	25.0 / 26.0 mm

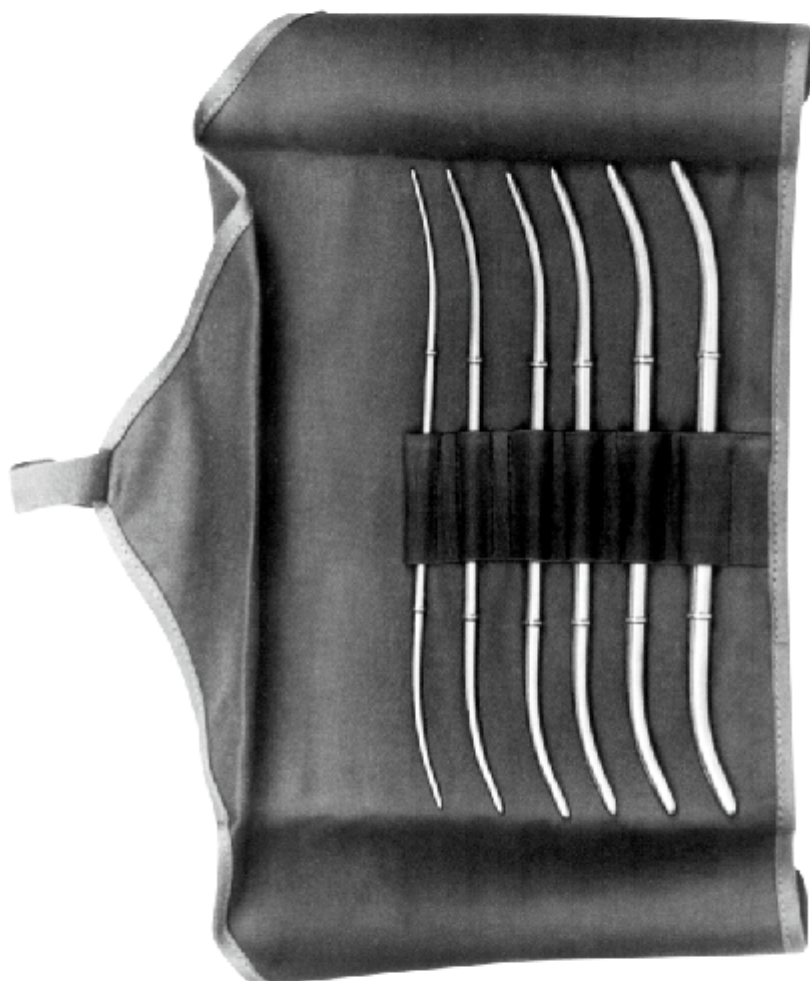


Hegar
BI-376-143
set of 8 pieces from 3/4 to 17/18 mm packed in pouch



1/2

Hank
BI-377-144 - BI-377-149
26.5 cm
American scaler



Hank
BI-377-150
Set of 6 piezas in boilable canvas roll

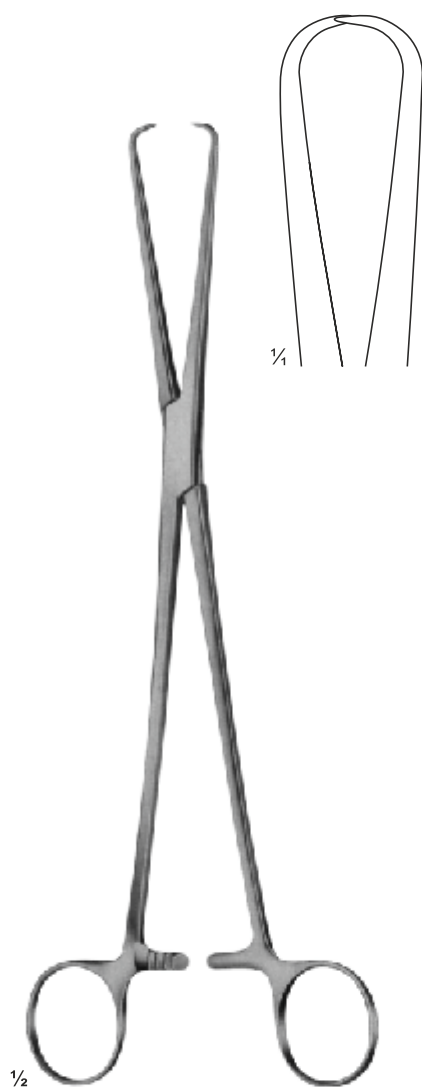
	Fig.	mm
BI-377-144	9 / 10	4.5 / 5.0
BI-377-145	11 / 12	5.5 / 6.0
BI-377-146	13 / 14	6.5 / 7.0
BI-377-147	15 / 16	7.5 / 8.0
BI-377-148	17 / 18	8.5 / 9.0
BI-377-149	19 / 20	9.5 / 10.0

Uterine Tenaculum Forceps

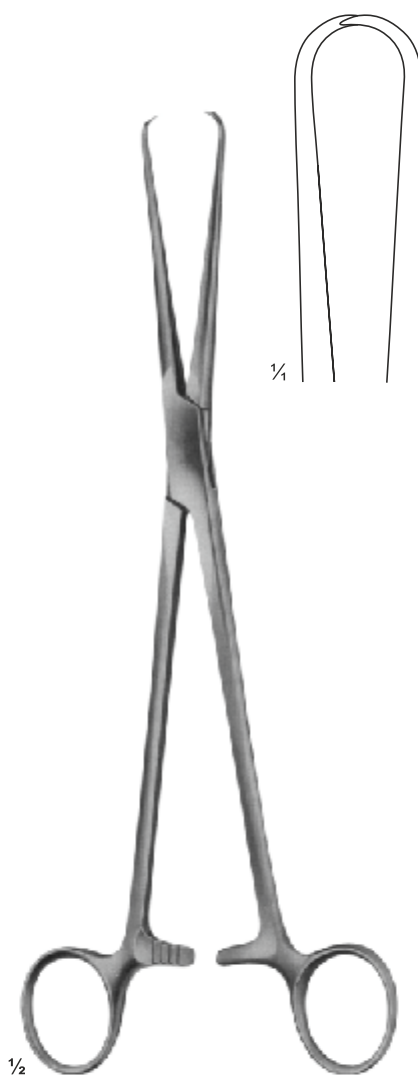
Uterine Tenaculum Pinzette

Pinça de Tenaculum Uterina

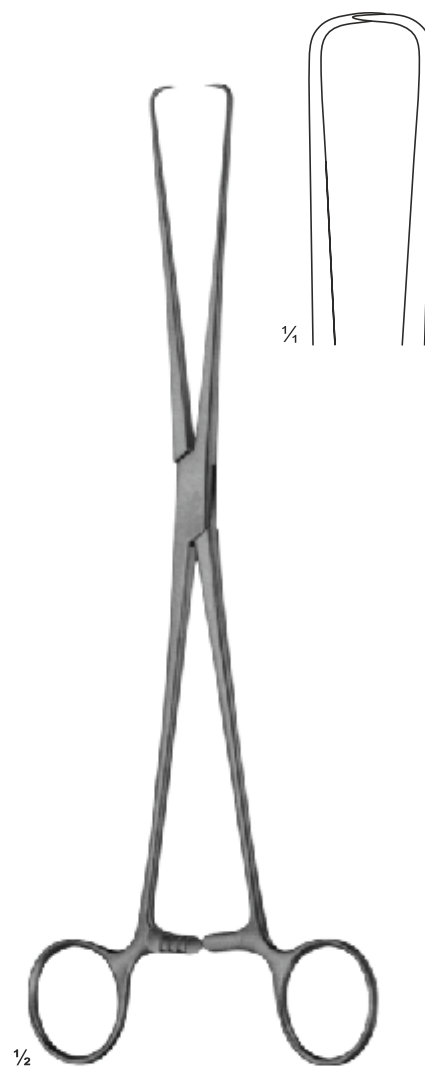
Pinza tenaculum uterina



Schröder
BI-378-151
25.5 cm



Pozzi
BI-378-152
25.5 cm
Heavy type



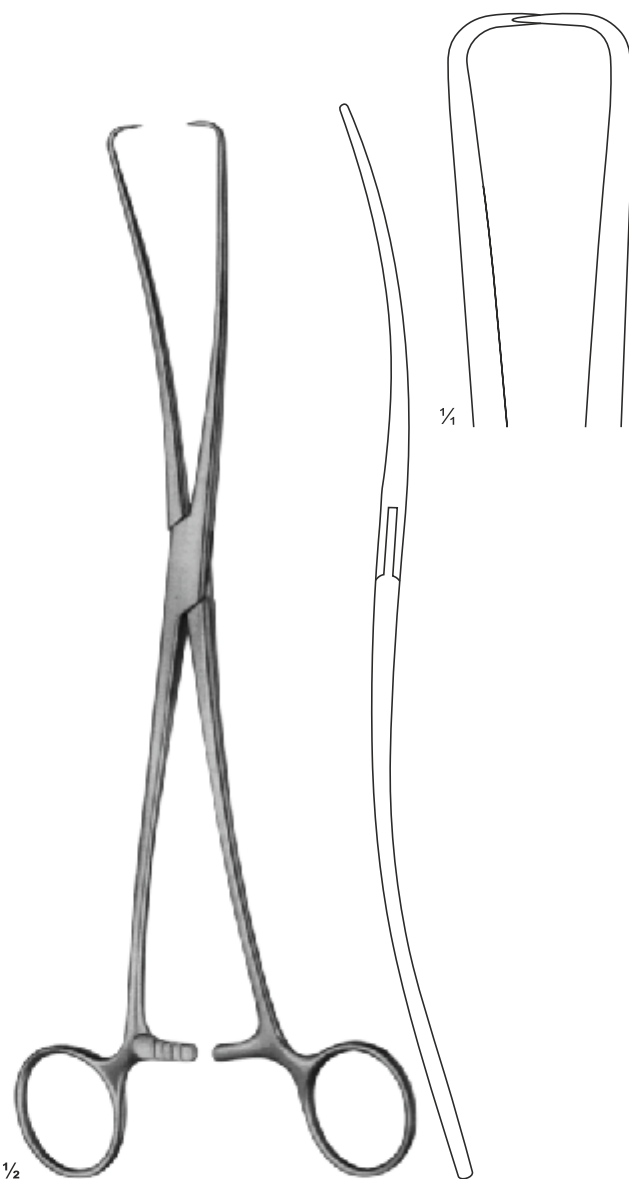
Braun
BI-378-153
26 cm

Amniotome, Uterine Tenaculum Forceps

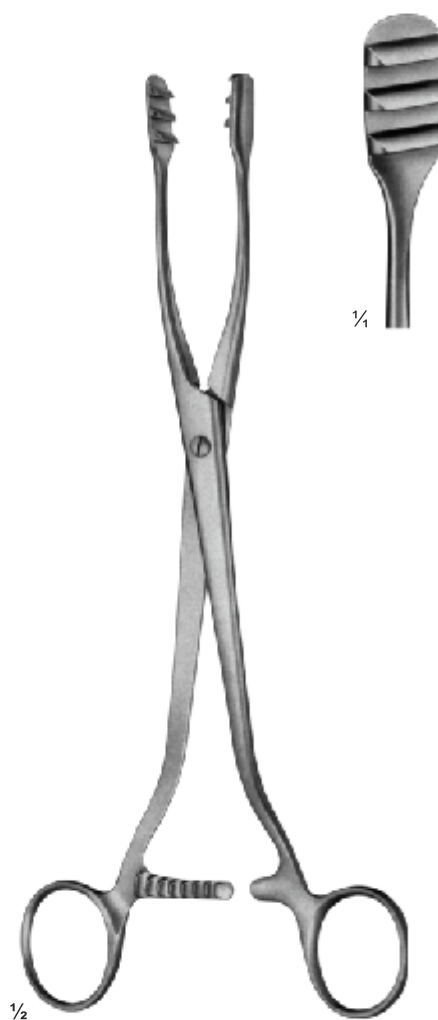
Amniotom, Uterine Tenaculum Pinzette
Amniotome, fórceps de tenaculum uterino
Amniotome, fórceps del tenáculo uterino



Beacham
BI-379-154
26 cm
Amniotome



Duplay
BI-379-155
28 cm



Collin
BI-379-156
25 cm

Uterine Tenaculum Forceps

Uterine Tenaculum Pinzette

Pinça de Tenaculum Uterina

Pinza tenaculum uterina



Skene
BI-380-157
24 cm



Teale
BI-380-158
23 cm

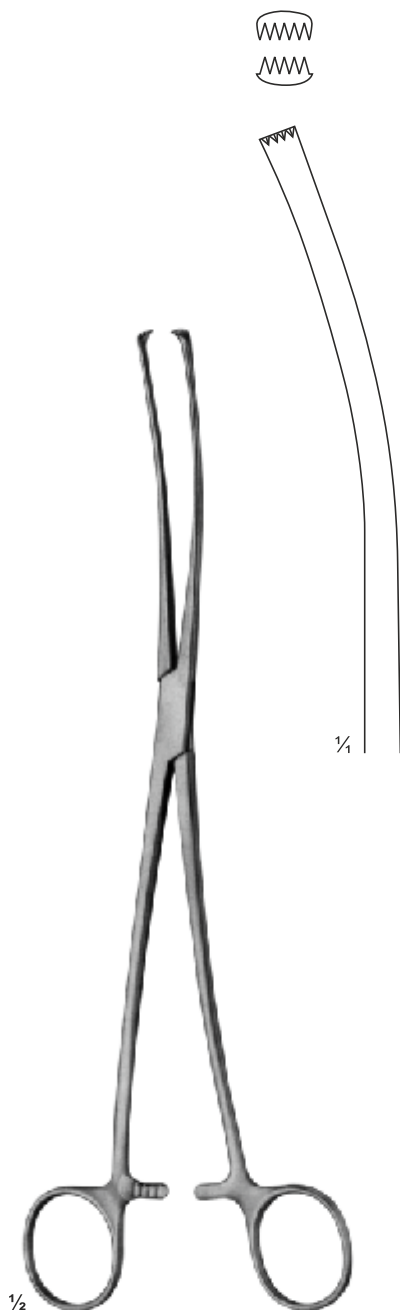


Kustner
BI-380-159
25 cm

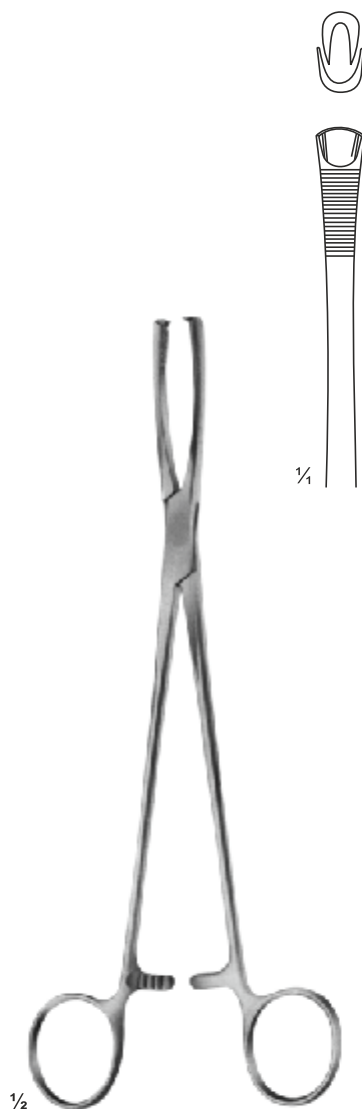


Uterine Tenaculum Forceps

Uterine Tenaculum Pinzette
Pinça de Tenaculum Uterina
Pinza tenaculum uterina



Lova
BI-381-160
26 cm



Jacobs
BI-381-161
21 cm



Museux
BI-381-162
20 cm



Uterine Tenaculum Forceps

Uterine Tenaculum Pinzette

Pinça de Tenaculum Uterina

Pinza tenaculum uterina



BI-382-163
6 mm



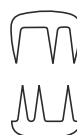
BI-382-166
9 mm



BI-382-169
6 mm



BI-382-164
8 mm



BI-382-167
11 mm



BI-382-170
8 mm



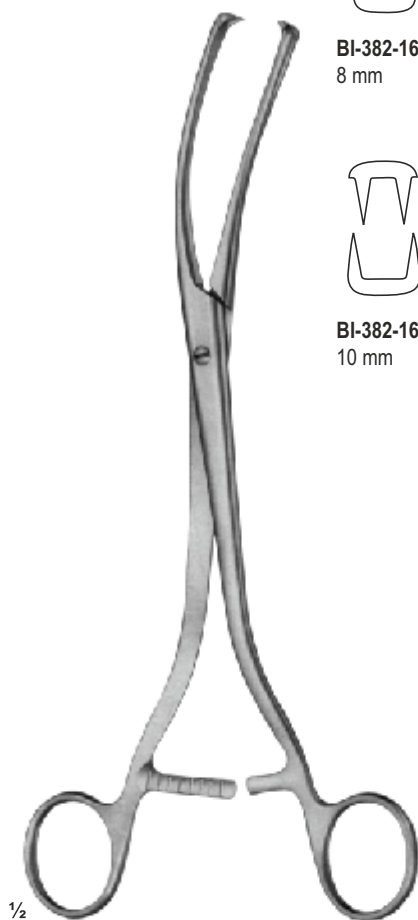
BI-382-165
10 mm



BI-382-168
13 mm



BI-382-171
10 mm



1/2

Museux
BI-382-163 - BI-382-165
24 cm
Curved sideways



2:2

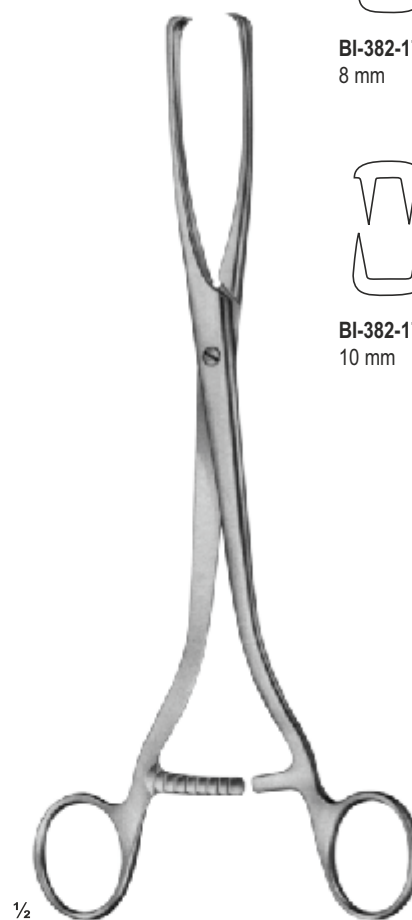


1/2

Museux
BI-382-166 - BI-382-168
24 cm
Curved sideways



3:3



1/2

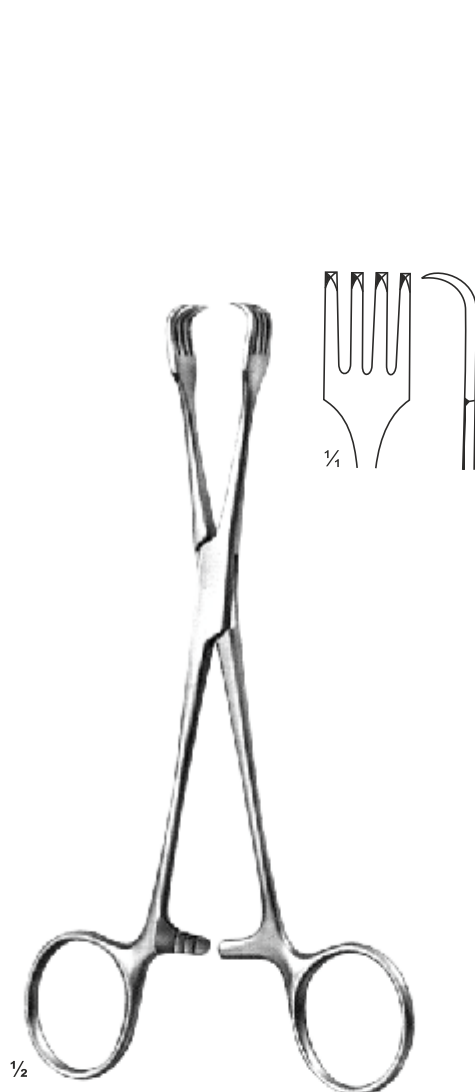
Museux
BI-382-169 - BI-382-171
24 cm



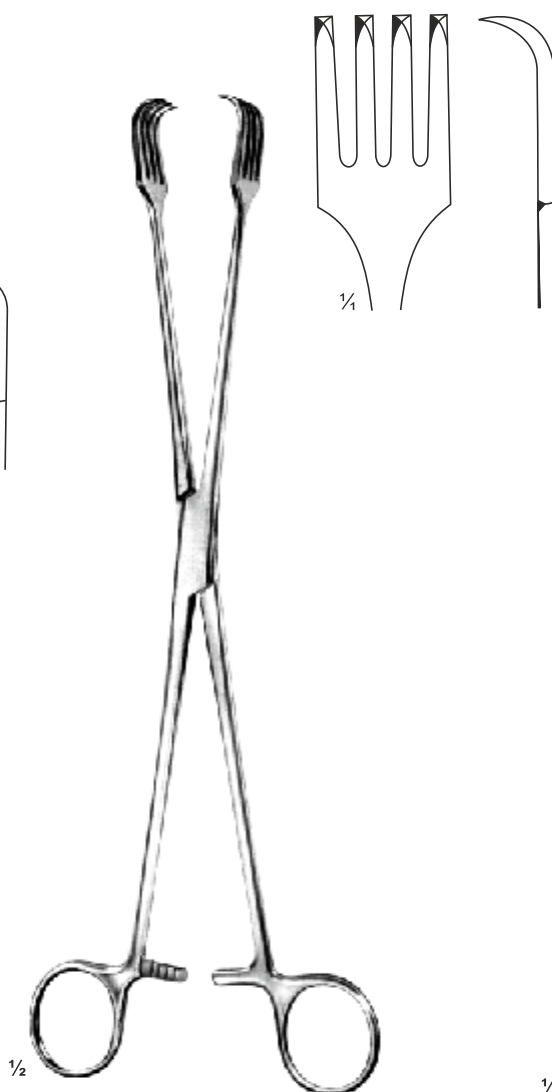
2:2

Uterine Tenaculum Forceps

Uterine Tenaculum Pinzette
Pinça de Tenaculum Uterina
Pinza tenaculum uterina



Barun
BI-383-172
21 cm



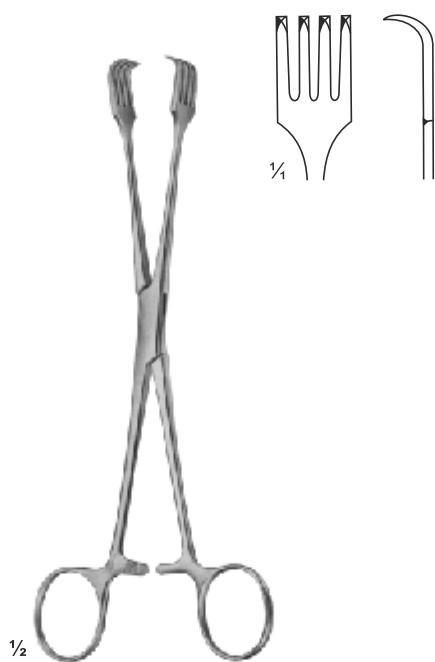
BI-383-173
26.5 cm



Schröder
BI-383-174
27 cm



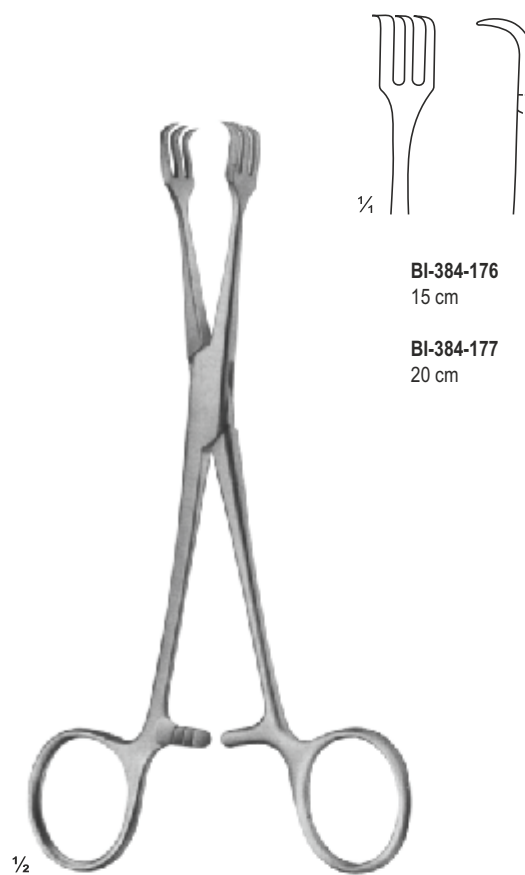
Uterine Tenaculum Forceps
 Uterine Tenaculum Pinzette
 Pinça de Tenaculum Uterina
 Pinza tenaculum uterina



Czerny
BI-384-175
 16 cm



4:4



BI-384-176
 15 cm

BI-384-177
 20 cm

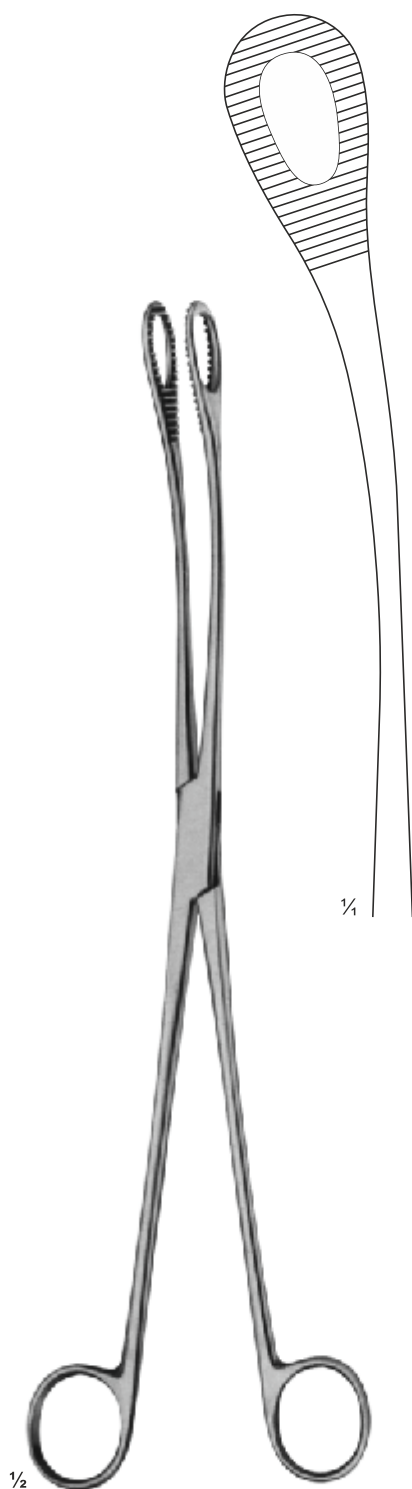
Lahey
BI-384-176 - BI-384-177
 20 cm



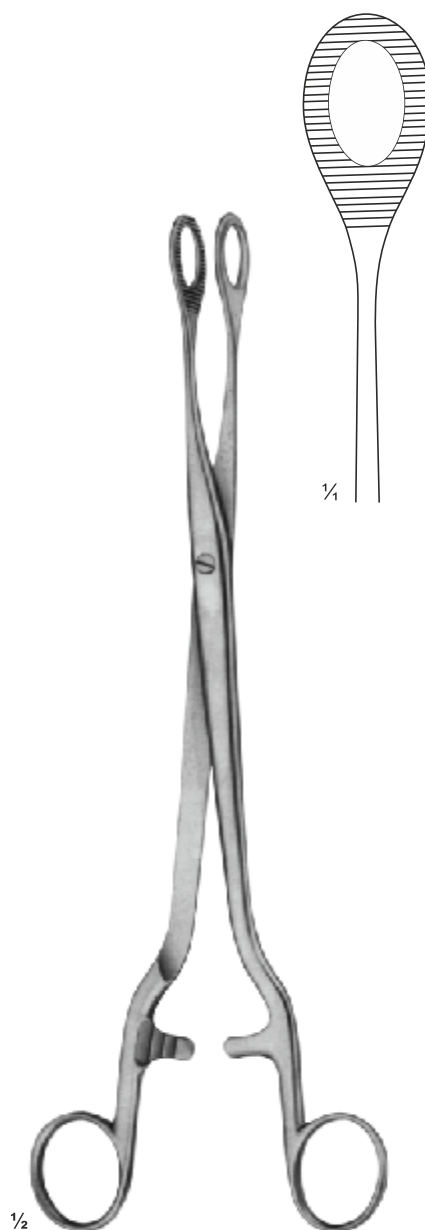
3:3

Uterine Tenaculum Forceps

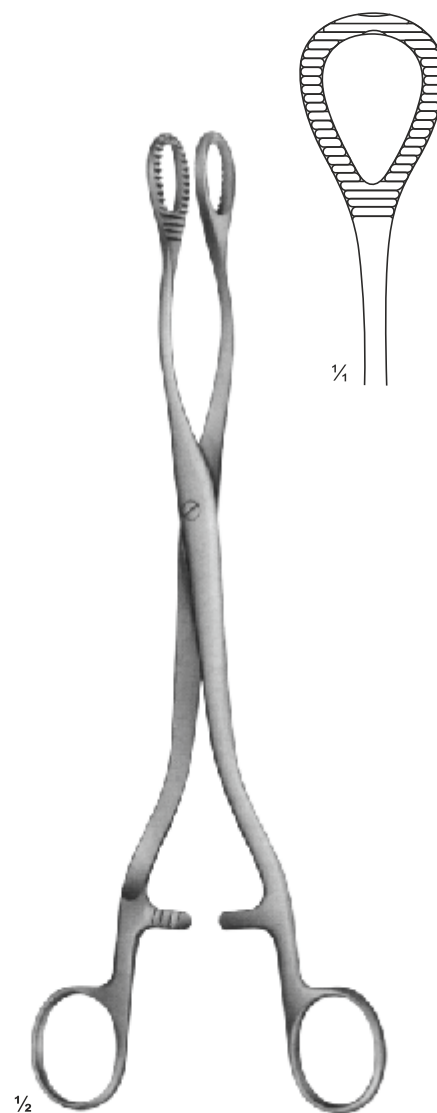
Uterine Tenaculum Pinzette
Pinça de Tenaculum Uterina
Pinza tenaculum uterina



Kelly
BI-385-178
31.5 cm



Noto
BI-385-179
27 cm



Heywood-Smith
BI-385-180
26 cm

Fistula Hooks, Conization Knife

Fistula Hooks, Konizationsmesser
 Ganchos de fístula, faca de conização
 Ganchos de Fístula, Cuchillo de Conización

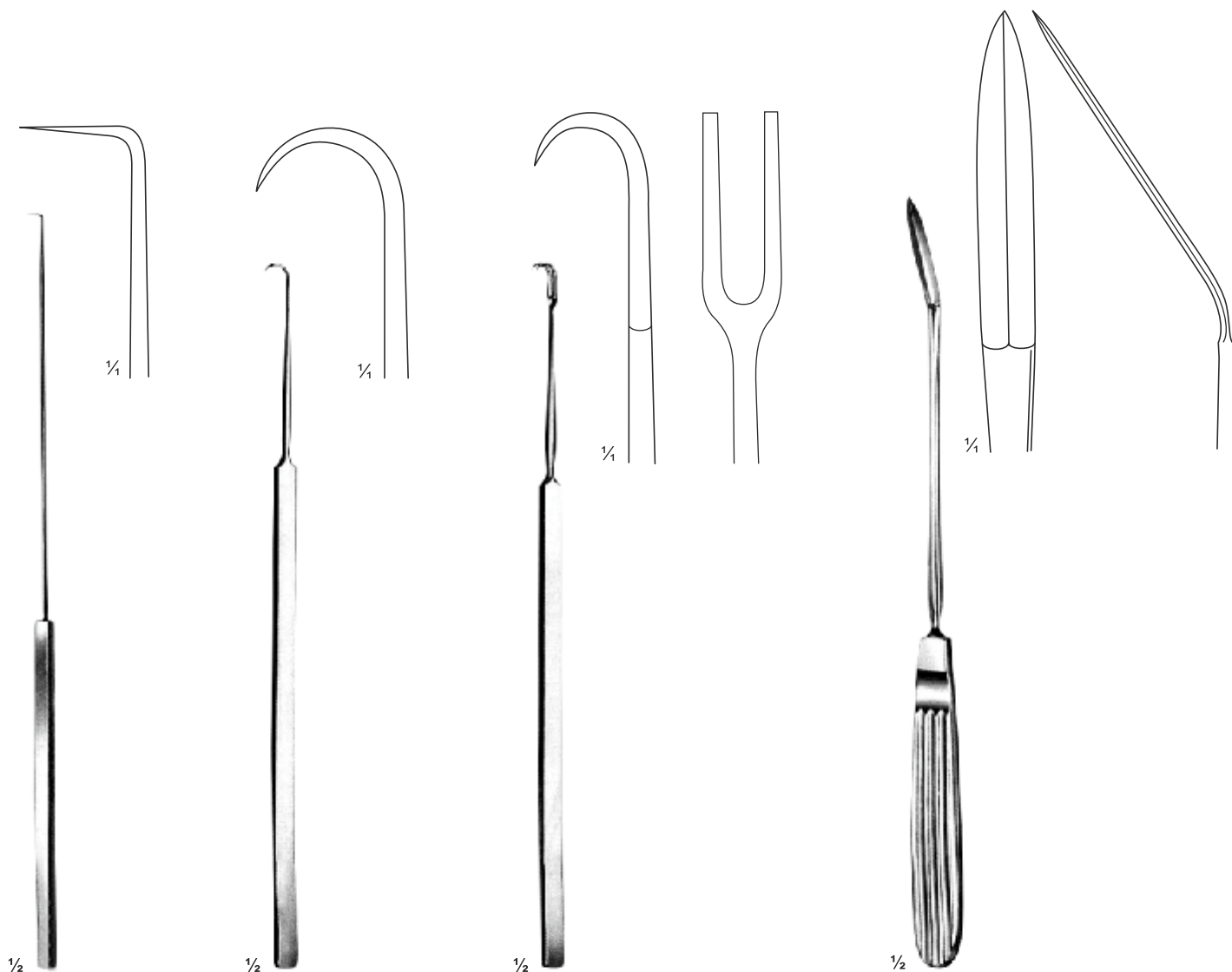


Fig. 3
 Emmett
BI-386-181
 23 cm

Simon
BI-386-182
 22 cm

Simon
BI-386-183
 22 cm

Ayre
BI-386-184
 23.5 cm
 Conization Knife
 cutting edge 6.3 mm wide

Uterine Scoops, Uterine Curettes

Uterine Scoops, Uterine Küretten
Colheres Uterinas, Curetas Uterinas
Uterine Scoops, Uterine Curettes



Fig. 1
BI-387-185
23 cm
10 x 7 mm



Fig. 2
BI-387-186
23.5 cm
12 x 8 mm



Fig. 3
BI-387-187
24 cm
13 x 10 mm



Fig. 4
BI-387-188
24 cm
16 x 12 mm



Fig. 5
BI-387-189
24 cm
18 x 13 mm



Fig. 6
BI-387-190
24 cm
20 x 15 mm



1/2

Simon
BI-387-185 - BI-387-190
24 cm
Uterine scoop
sharp, rigid



Fig. 1
BI-387-191
10 x 7 mm



Fig. 2
BI-387-192
12 x 8 mm



Fig. 3
BI-387-193
13 x 10 mm



Fig. 4
BI-387-194
16 x 12 mm



Fig. 5
BI-387-195
18 x 13 mm



BI-387-196
20 x 15 mm



1/2

Simon
BI-387-191 - BI-387-196
30 cm
Uterine scoop
sharp, rigid



Fig. 1
BI-387-197
10 x 7 mm



Fig. 2
BI-387-198
12 x 8 mm



Fig. 3
BI-387-199
13 x 10 mm



Fig. 4
BI-387-200
16 x 12 mm



Fig. 5
BI-387-201
18 x 13 mm



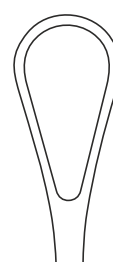
Fig. 6
BI-387-202
20 x 15 mm



1/2

Schröder
BI-387-197 - BI-387-202
Uterine scoop
sharp, rigid

Blunt
13 mm

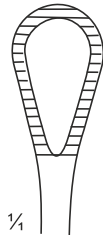


1/2

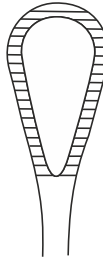
1/4

Sharp
8 mm

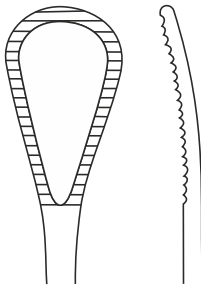
Blake
BI-387-203
27.5 cm
Uterine curettes



BI-388-204
 10 mm



BI-388-205
 12 mm



BI-388-206
 14 mm



1/2

Greene
BI-388-204 - BI-388-206
 28 cm



Fig. 1
BI-388-207



Fig. 2
BI-388-208



Fig. 3
BI-388-209

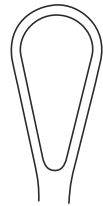


Fig. 4
BI-388-210



Fig. 5
BI-388-211

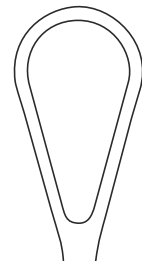


Fig. 6
BI-388-212

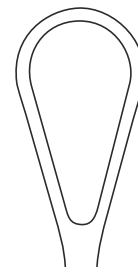


Fig. 7
BI-388-213



1/2

Sims
BI-388-207 - BI-388-213 (Sharp)
BI-388-214 - BI-388-220 (Blunt)
 25.5 cm
 Flat handle



Obstetrics

Geburtshilfe

Obstetrícia

Obstetricia

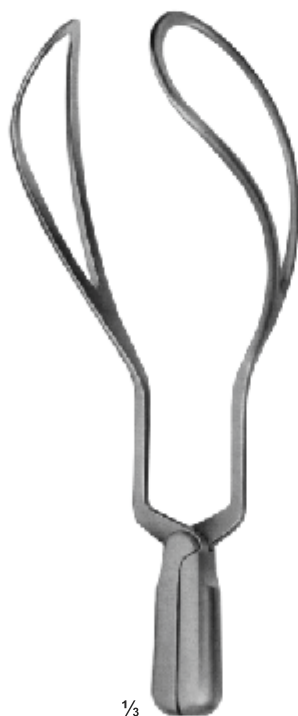
Page 390-394



BI-390-001
36.5 cm

BI-390-002
40.5 cm

Nögele
BI-390-001 - BI-390-002
36.5 cm



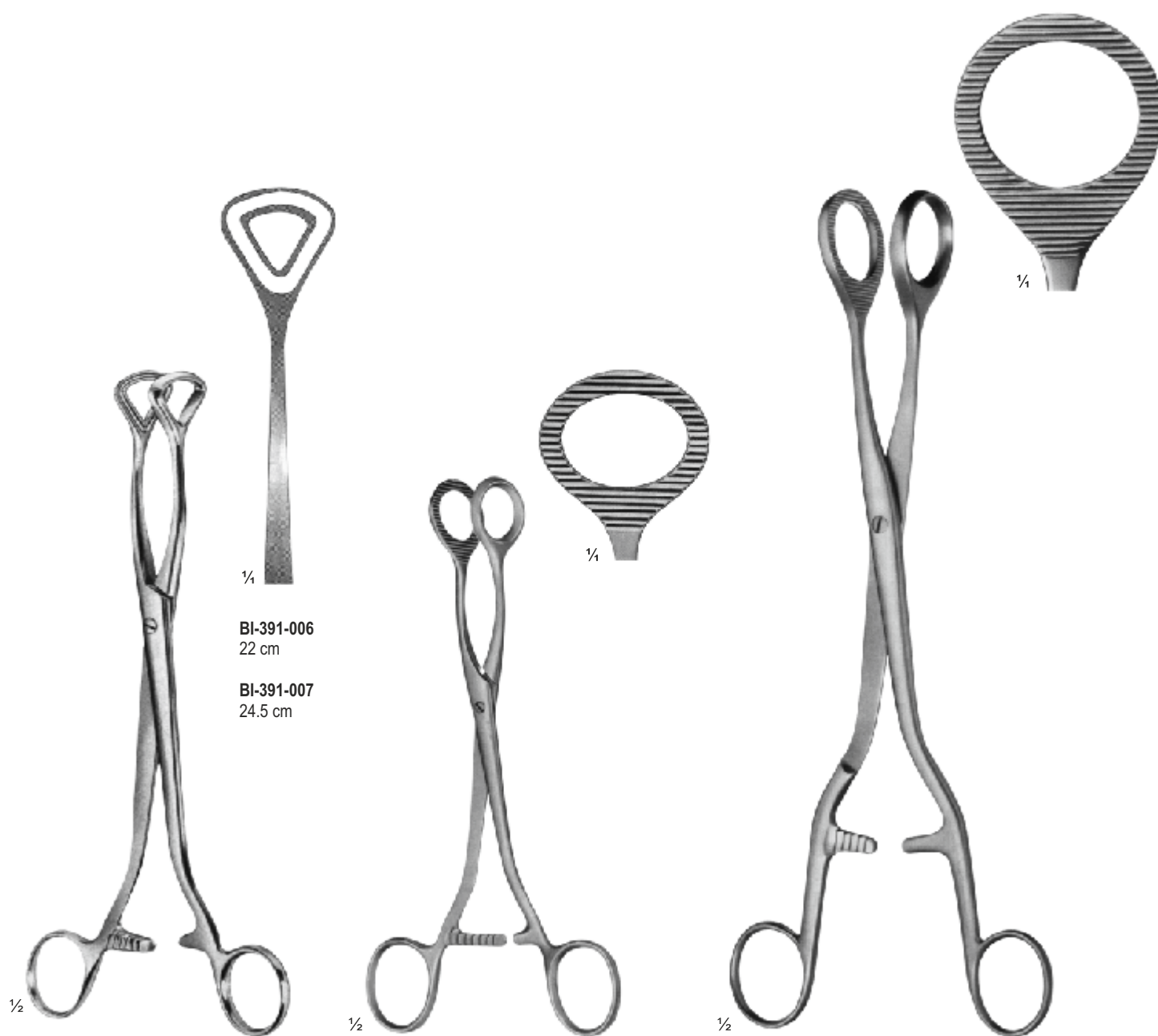
Wrigley
BI-390-003
28 cm



Simpson
BI-390-004
30.5 cm



Simpson
BI-390-005
36.5 cm



1/2

1/4

BI-391-006
22 cm

BI-391-007
24.5 cm

1/2

1/4

1/2

1/4

Luer
BI-391-006 - BI-391-007
 22 cm
 Haemorrhoidal forcep

Doyen
BI-391-008
 18.5 cm
 Polypus and ovum forcep

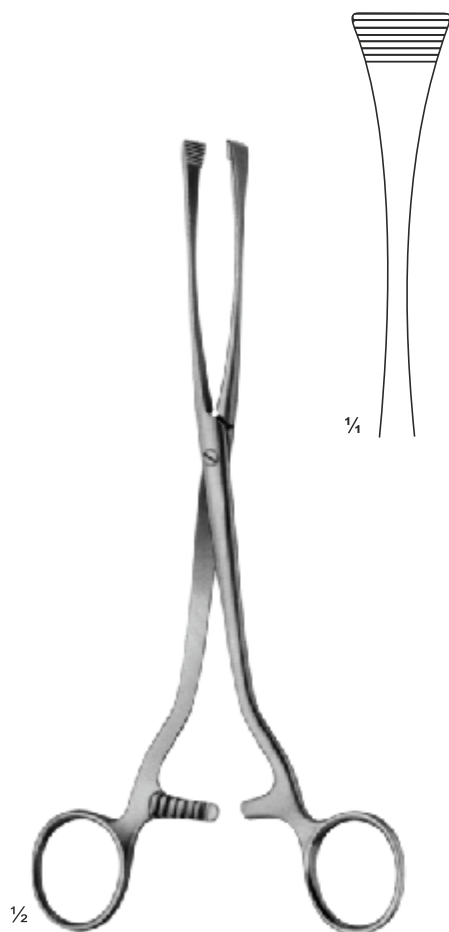
Bumm
BI-391-009
 28 cm
 Polypus and ovum forcep

Placenta, Ovum Forceps

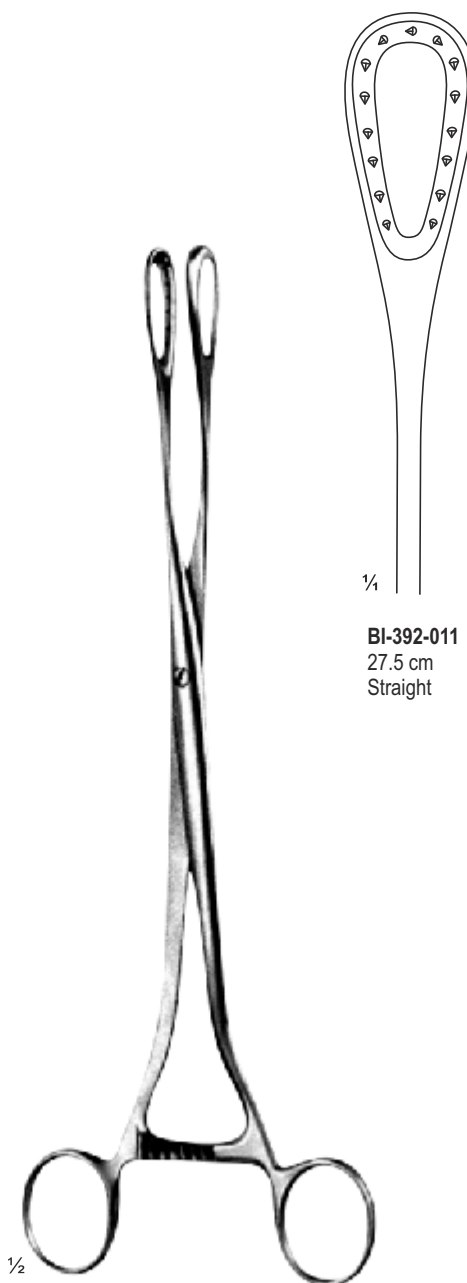
Plazenta, Ovum Pinzette

Placenta, Fórceps Ovum

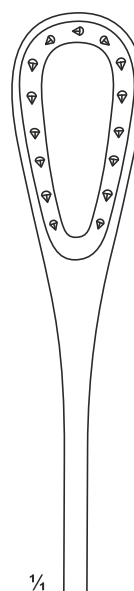
Placenta, fórceps de óvulo



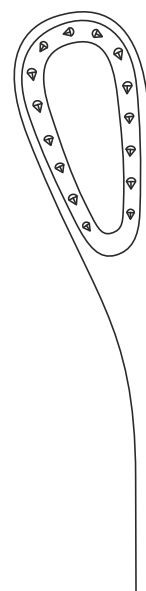
Green-Armytage
BI-392-010
21 cm
Uterine clamp



Sanger
BI-392-011 - BI-392-012
27.5 cm
Placenta and ovum forcep



BI-392-011
27.5 cm
Straight



BI-392-012
27 cm
Curved

Scalp Flap Forceps, Obstetrical Lever
 Kopfhaut-Flap-Zange, Geburtshelfer
 Pinça Flap do couro cabeludo, alavanca obstétrica
 Pinzas de aleta de cuero cabelludo, palanca obstétrica



Willett
BI-393-013
 18.5 cm
 Scalp flap forceps

Gauss
BI-393-014
 26 cm
 Scalp flap forceps

Sellheim
BI-393-015
 32 cm
 Obstetrical lever



Calipers

Bremssättel

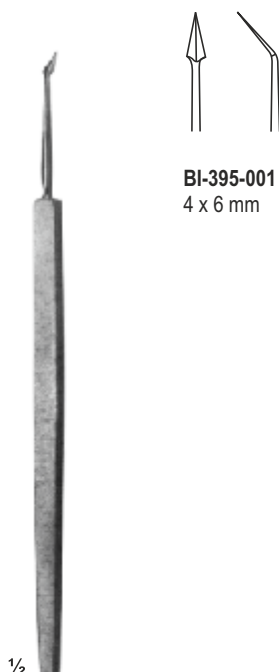
Pinças

Calibrador

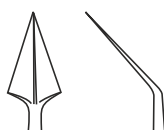
Page 395-397

Trowel Knives, Calipers

Kelle Messer, Bremssättel
Facas de colher de pedreiro, pinças
Paleta cuchillos, pinzas



BI-395-001
4 x 6 mm



BI-395-002
7 x 11 mm

1/2

BI-395-001 - BI-395-002
16.5 cm
Trowel knife



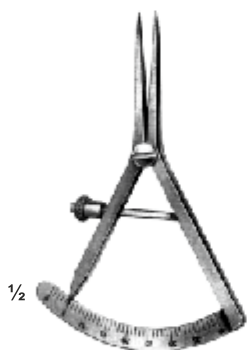
Castroviejo
BI-395-003
8 cm
Effective range
0-15 mm



Castroviejo
BI-395-004
8 cm
Effective range
0-20 mm



Castroviejo
BI-395-005
8 cm
Effective range
0-20 mm



Castroviejo-Epker
BI-396-006
9 cm
Effective range
0-40 mm



Castroviejo-Epker
BI-396-007
18 cm
Effective range
0-40 mm



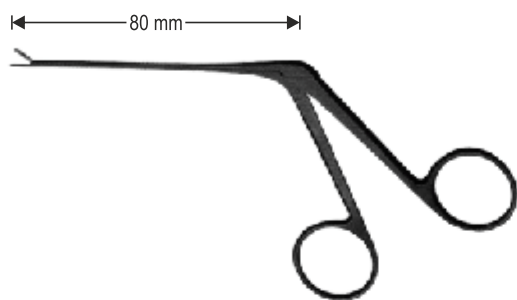
Otology

Otologie

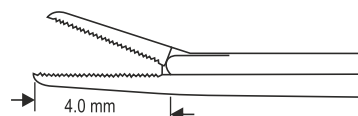
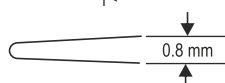
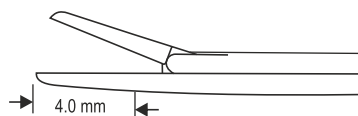
Otologia

Otología

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BI-398-001 - BI-398-005



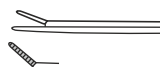
BI-398-001
4.0 x 0.8 mm
Smooth, straight



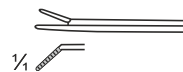
BI-398-002
4.0 x 0.8 mm
Serrated, straight



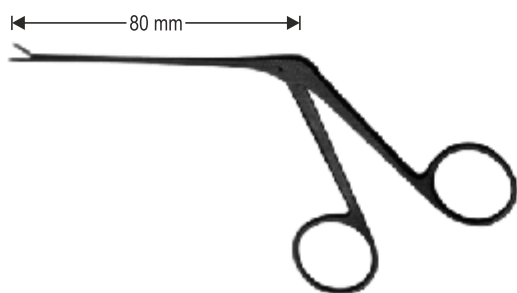
BI-398-003
4.0 x 0.8 mm
Sent upwards, serrated



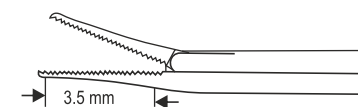
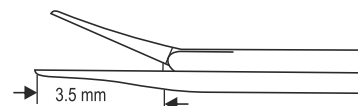
BI-398-004
4.0 x 0.8 mm
Right, serrated



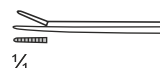
BI-398-005
4.0 x 0.8 mm
Left, serrated



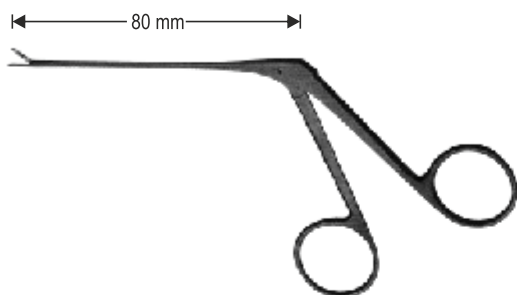
Mini-McGee
BI-398-006 - BI-398-007



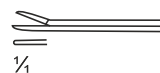
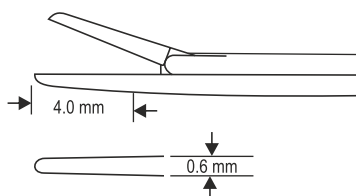
BI-398-006
3.5 x 0.6 mm
Smooth, straight



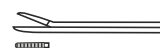
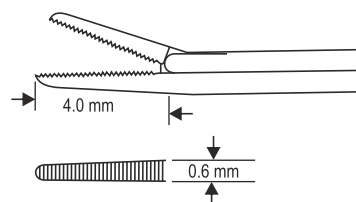
BI-398-007
3.5 x 0.6 mm
Serrated, straight



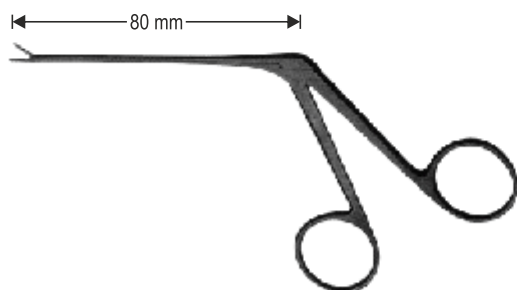
BI-399-008



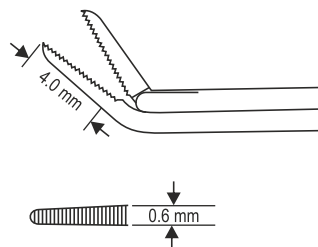
Smooth, straight



BI-399-009
4.0 x 0.6 mm
Serrated, straight



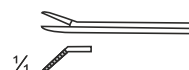
BI-399-009 - BI-399-012



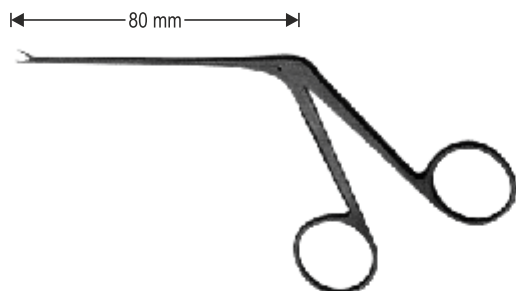
BI-399-010
4.0 x 0.6 mm
Bent upwards, serrated



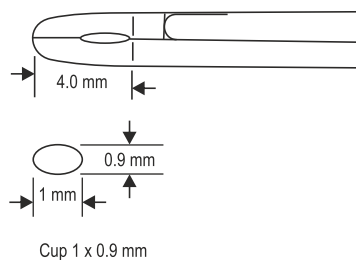
BI-399-011
4.0 x 0.6 mm
Bight, serrated



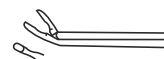
BI-399-012
4.0 x 0.6 mm
Left, serrated



BI-400-013 - BI-400-016



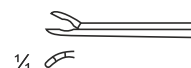
BI-400-013
4.0 mm
Straight



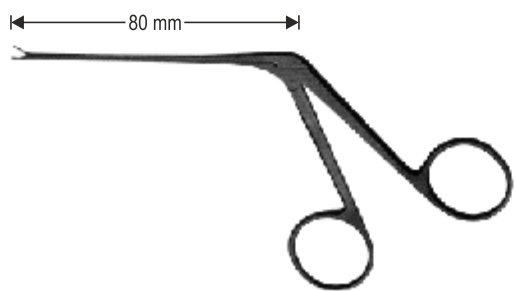
BI-400-014
4.0 mm
Bent upward



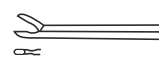
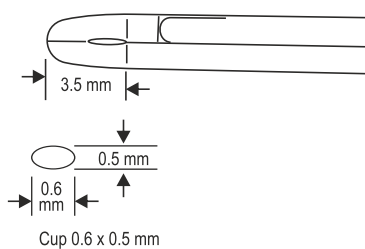
BI-400-015
4.0 mm
Right



BI-400-016
4.0 mm
Left



Mini-McGee
BI-400-017 - BI-400-020



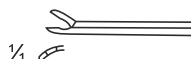
BI-400-017
3.5 mm
Straight



BI-400-018
3.5 mm
Bent Upward



BI-400-019
3.5 mm
Right



BI-400-020
3.5 mm
Left



Fig. 1
BI-401-121
5.5 X 6.5 mm



Fig. 2
BI-401-122
6.5 X 7.5 mm



Fig. 3
BI-401-123
7.5 X 8.5 mm



Fig. 4
BI-401-124
8.5 X 9.5 mm



Fig. 5
BI-401-125
9.5 X 10.5 mm



Fig. 6
BI-401-126
10.5 X 11.5 mm

Zöllner
BI-401-121 - BI-401-127
Oval, black

Fig. 1-6
BI-401-127
Ear specula set
for adults



Fig. 1
BI-401-128
Ø 2 mm



Fig. 2
BI-401-129
Ø 3 mm



Fig. 3
BI-401-130
Ø 4 mm



Fig. 4
BI-401-131
Ø 5 mm

Poltzer
BI-401-128 - BI-401-132

Fig. 1-4
BI-401-132
Set of 4
for adults



Fig. 0
BI-401-133
Ø 3.0 mm



Fig. 1
BI-401-134
Ø 4.5 mm



Fig. 2
BI-401-135
Ø 5.5 mm

Boucheron
BI-401-133 - BI-401-136

Fig. 0-2
BI-401-136
Set of 3
for children



Fig. 1
BI-401-137
Ø 4.5 mm



Fig. 2
BI-401-138
Ø 5.5 mm



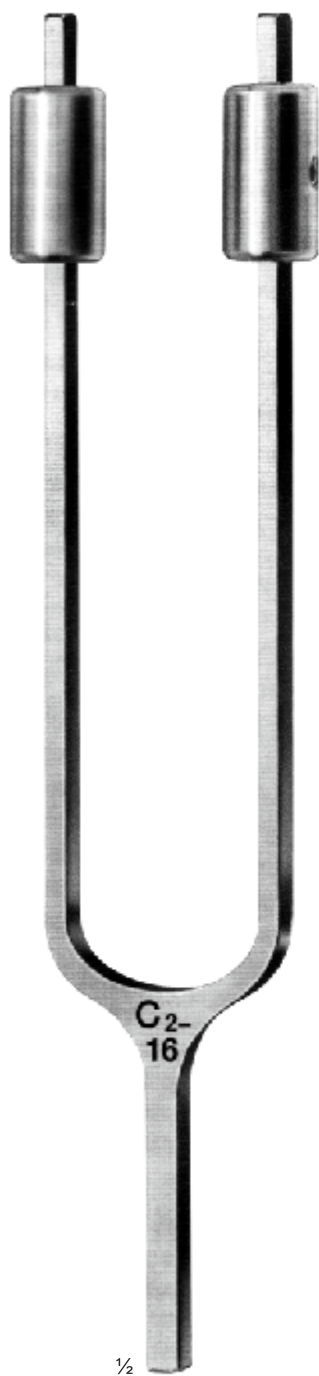
Fig. 3
BI-401-139
Ø 6.5 mm



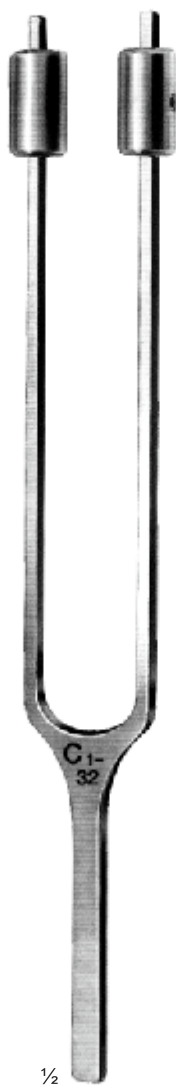
Fig. 4
BI-401-140
Ø 7.5 mm

Hartmann
BI-401-137 - BI-401-141

Fig. 1-4
BI-401-141
Set of 4
for adults



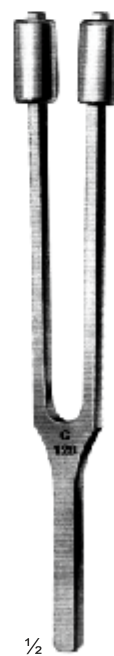
French
BI-402-142
C.16



French
BI-402-143
C.32



Hartmann
BI-402-144
C 64



Hartmann
BI-402-145
C 128



Hartmann
BI-402-146
C 256



1/2

Hartmann
BI-403-147
C 128



1/2

Hartmann
BI-403-148
C¹ 256



1/2

Hartmann
BI-403-149
C² 512



1/2

Hartmann
BI-403-150
C³ 1024



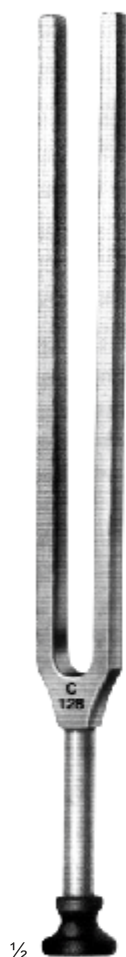
1/2

Hartmann
BI-403-151
C⁴ 2048

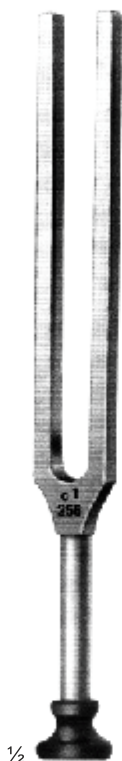


1/2

Hartmann
BI-403-152
C⁵ 4096



Lucae
BI-404-153
C 128



Lucae
BI-404-154
C' 256



Lucae
BI-404-155
C² 512



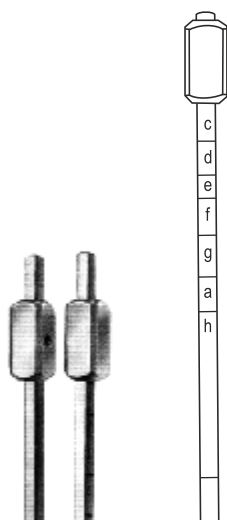
Lucae
BI-404-156
C³ 1024



Lucae
BI-404-157
C⁴ 2048



Lucae
BI-404-158
C⁵ 4096

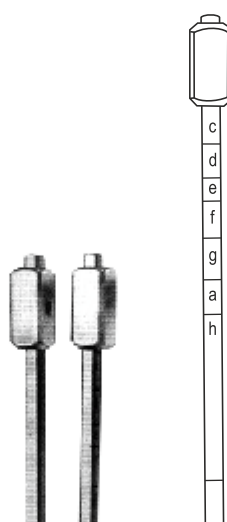


BI-405-159
C 128

BI-405-160
Socket, only

½

Lucae
BI-405-159 - BI-405-160
C 128
Moveable up to h



½

Hartmann
BI-405-161
C 128
Moveable up to h



BI-405-163
Socket, only

½

Hartmann
BI-405-162
C' 256
BI-405-162 - BI-405-163

BI-406-165
Damper
white scale



BI-406-166
Damper
black scale



BI-406-167
knurled screw

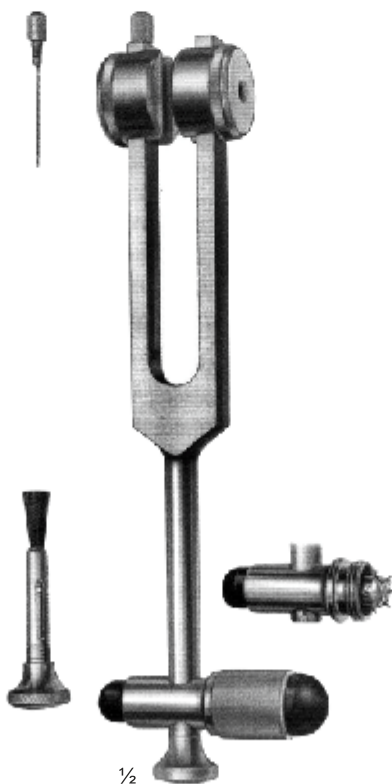


BI-406-168
Weights, C 64



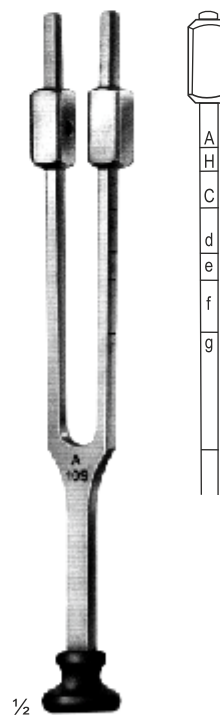
1/2

Rydel-Seiffert
BI-406-164 - BI-406-168
C 64 / C 128
Also for neurologie



1/2

Neuro
BI-406-169
With hammer, pinwheel,
brush and needle



1/2

König
BI-406-170 - BI-406-172
A 109
Moveable up to h

BI-406-171
Bakelit base



BI-406-172
a' 440

Ear Catheters, Polypus Snares

Ohrkatheter, Polypus-Schlingen
Cateteres de Orelha, Laços de Polypus
Catéteres de oído, trampas de pólipos



Fig. 1
BI-407-173



Fig. 2
BI-407-174



Fig. 3
BI-407-175

Hartmann
BI-407-173 - BI-407-175
15 cm
Ear catheters



Krause
BI-407-176 - BI-407-177
BI-407-176 18.5 cm
BI-407-177 26 cm
Open tip



BI-407-180
Polypus snares



BI-407-178
BI-407-179

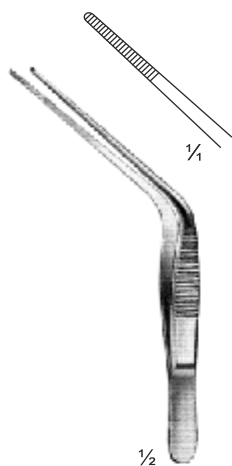
Krause-Voss
BI-407-178 - BI-407-180
BI-407-178 18.5 cm
BI-407-179 26 cm
Closed tip



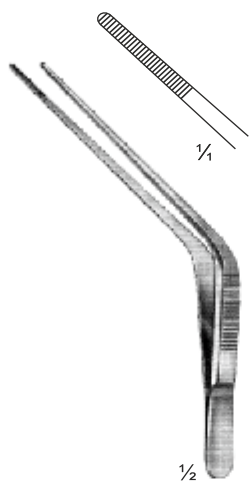
BI-407-181 - BI-407-182
BI-407-181 Ø 0.3 cm
BI-407-182 Ø 0.4 cm
Snare wire, coil of 10 m

Ear Forceps, Ear Polypus Forceps

Ohrzange, Ohrpolypenzange
Fórceps de Ouvido, Fórceps de Ortopédico
Pinzas para oídos, pinzas para polypus



Tröltzsch (Wilde)
BI-408-183
10.5 cm



Tröltzsch (Wilde)
BI-408-184
11 cm



Tröltzsch (Wilde)
BI-408-185
12.5 cm



Grünwald
BI-408-186
12.5 cm



Jansen
BI-408-187 - BI-408-188
BI-408-187 16 cm
BI-408-188 21.5 cm



Littauer
BI-408-189
Ear polypus forceps
shaft length
75 mm



Hartmann
BI-408-190
Ear polypus forceps
delicate pattern
shaft length
65 mm



Hartmann
BI-408-191
Ear polypus forceps
regular model
shaft length
65 mm



Buck
BI-408-192
11.5 cm
Foreign body lever



Quire
BI-408-193
10.5 cm
Foreign body lever



Hartmann-Wullstein
BI-409-194
Shaft length
85 mm



Hartmann-Wullstein
BI-409-195
Ø 1.0 mm
Shaft length
85 mm



Hartmann
BI-409-196
Shaft length
85 mm



Hartmann
BI-409-198

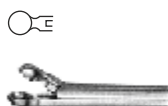


Shaft length
85 mm



BI-409-194 - BI-409-204

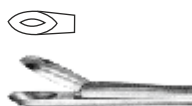
BI-409-197
Shaft length
140



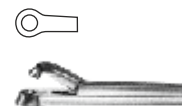
Hartmann-Herzfelr
BI-409-199
2.0 mm
Shaft length
85 mm



Hartmann
BI-409-202
3.0 mm
Shaft length
85 mm



Strümpel
BI-409-203
Shaft length
85 mm



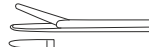
Hartmann-Hoffmar
BI-409-204
2.0 mm
Through-cutting
85 mm

BI-409-200
Ø 2.5 mm
Shaft length
85 mm

BI-409-201
Ø 3.0 mm
Shaft length
85 mm



McGee
BI-409-205
Wire bending forceps
3.5 mm
length 0.8 mm



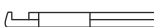
Fuller
BI-409-206
Introducing forceps
for teflon prosthesis
80 mm



BI-409-207
Up - cutting



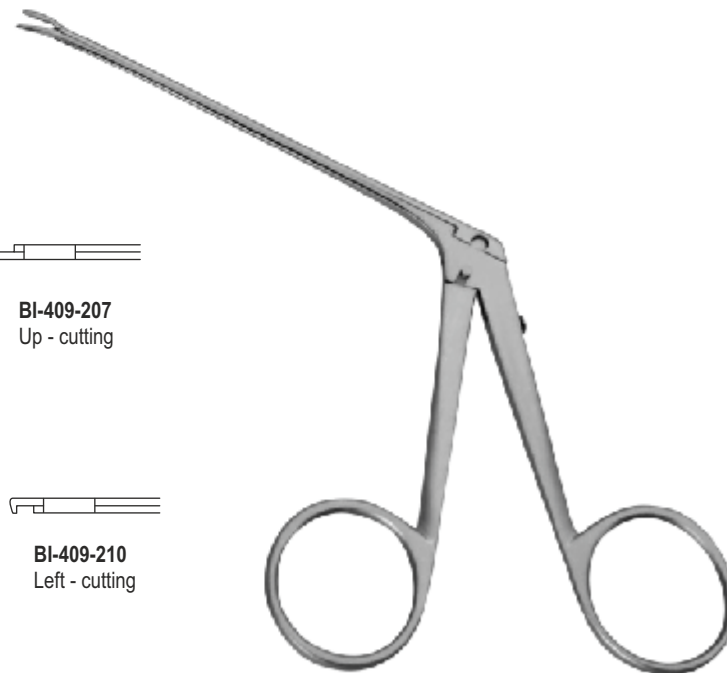
BI-409-208
Down - cutting



BI-409-209
Right - cutting



BI-409-210
Left - cutting



Dieter
BI-409-749-205 - BI-409-749-210
Malleus nipper
length 80 mm

Micro Ear Forceps, Micro Ear Scissors

Mikro-Ohrzange, Mikro-Ohrscherer
Micro Ear Forceps, Micro Ear Scissors
Micro Ear Forceps, Micro Ear Scissors



BI-410-211
Straight, oval
length 75 mm



BI-410-212
Curved upwards, oval
length 75 mm



BI-410-213
Curved to left, oval
length 75 mm



BI-410-214
Curved to right, oval
length 75 mm



BI-410-215
Curved downwards, oval
length 75 mm



BI-410-211 - BI-410-215



BI-410-216
Straight,
sharp/sharp
length 75 mm



BI-410-217
Curved upwards,
blunt/blunt
length 75 mm



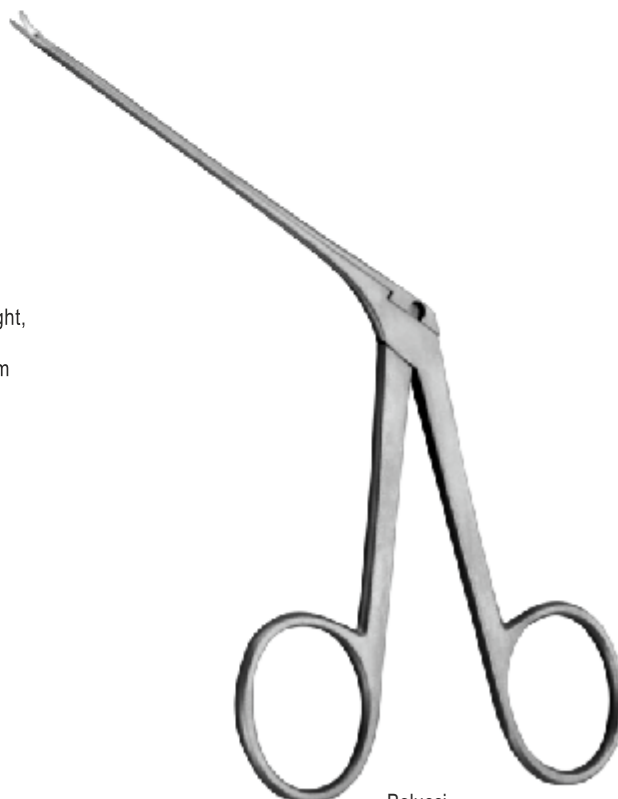
BI-410-218
Curved to right,
sharp/sharp
length 75 mm



BI-410-219
Curved to left,
sharp/sharp
length 75 mm



BI-410-220
Straight,
sharp/blunt
length 75 mm



Belucci
BI-410-216 - BI-410-220

¼ C



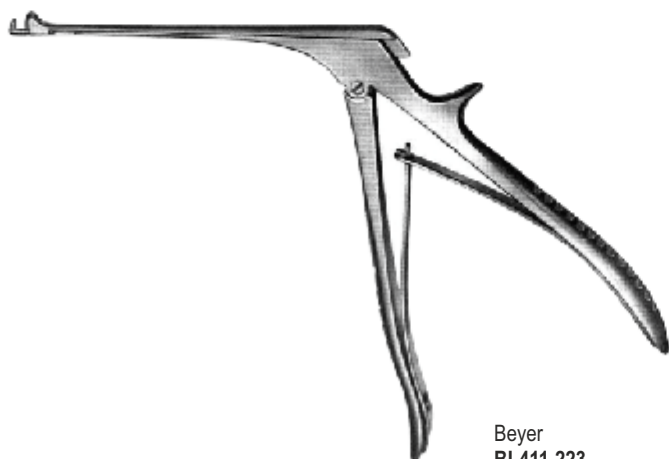
Citelli
BI-411-221
2 mm
Shaft length
75 mm

¼ C



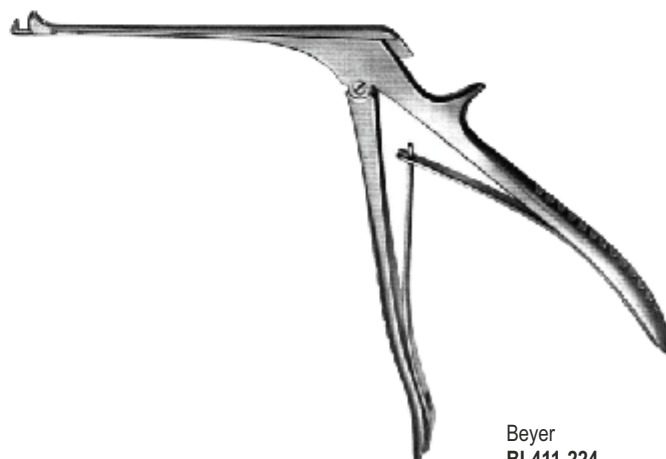
Citelli
BI-411-222
3 mm
Shaft length
75 mm

¼ C



Beyer
BI-411-223
2 mm
Shaft length
95 mm

¼ C



Beyer
BI-411-224
1 mm
Shaft length
95 mm



Fig. 1
BI-412-225



BI-412-233
Irrigation adapter



Fig. 2
BI-412-226



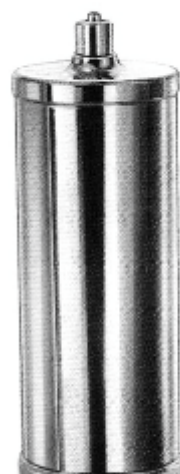
BI-412-234
Irrigation adapter



Fig. 3
BI-412-227



Fig. 4
BI-412-228



BI-412-230
50 ml
Complete with protection disc and 2 tips

BI-412-232
Ear syringe



Fig. 5
BI-412-229



BI-412-231
100 ml
Complete with protection disc and 2 tips

1/2



1/2

BI-412-230 - BI-412-233

Lempert
BI-412-225 - BI-412-229
21.5 cm
Ear scoop sharp



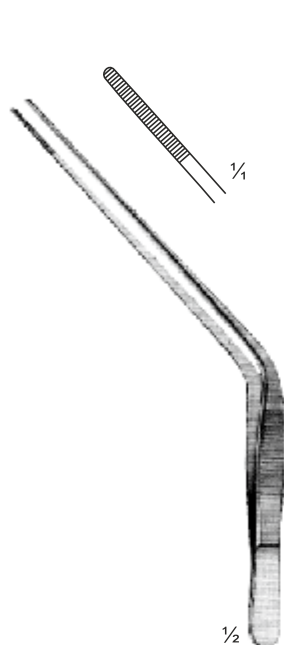
Rhinology

Rhinologie

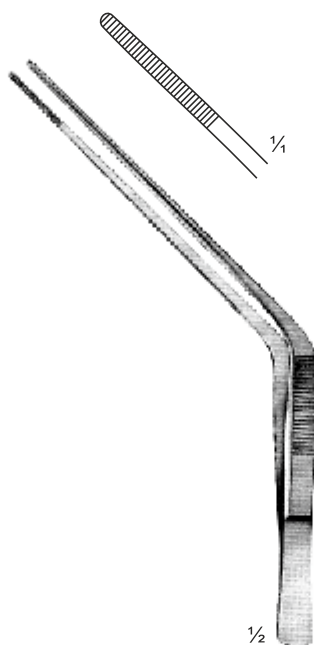
Rinologia

Rinología

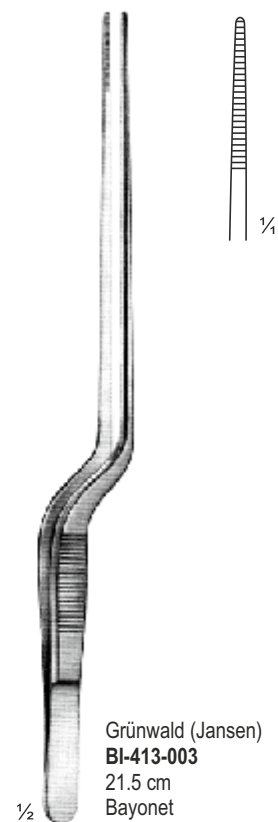
Page 413-431



Tröltsch
BI-413-001
14.5 cm



Tröltsch
BI-413-002
15.5 cm



Grünwald (Jansen)
BI-413-003
21.5 cm
Bayonet



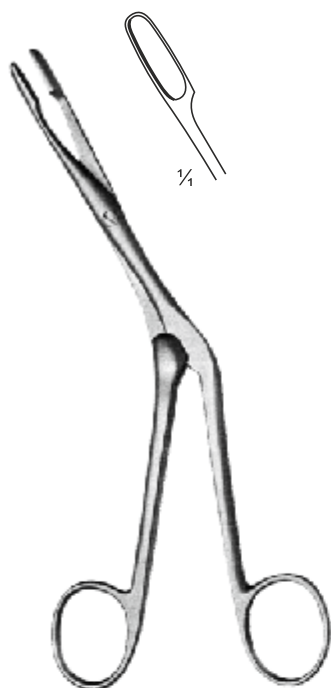
Westmacott
BI-413-004
20 cm



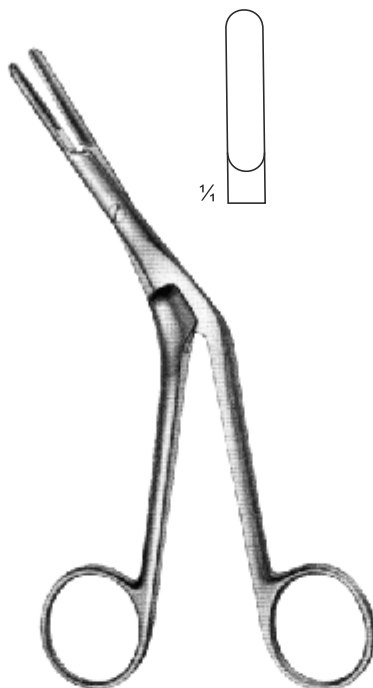
Lubet-Barbon
BI-413-005
18.5 cm



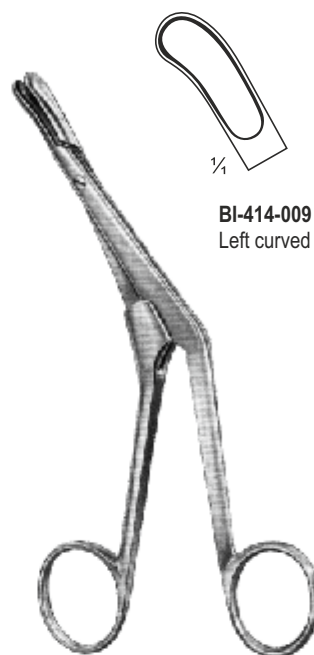
Hartmann
BI-413-006
18.5 cm
Nasal polypus forceps



Knight
BI-414-007
17 cm



Graig
BI-414-008
17 cm



BI-414-009
Left curved



BI-414-010
Right curved

BI-414-009 - BI-414-010
15.5 cm

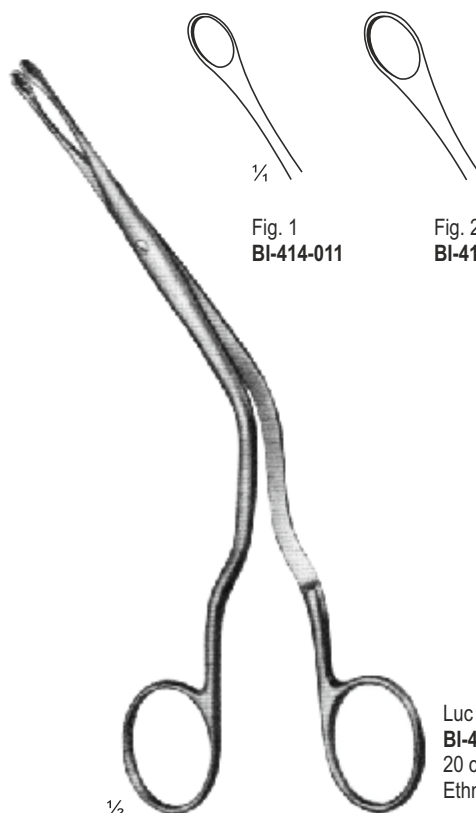


Fig. 1
BI-414-011

Fig. 2
BI-414-012

Luc
BI-414-011 - BI-414-012
20 cm
Ethmoid bone forceps

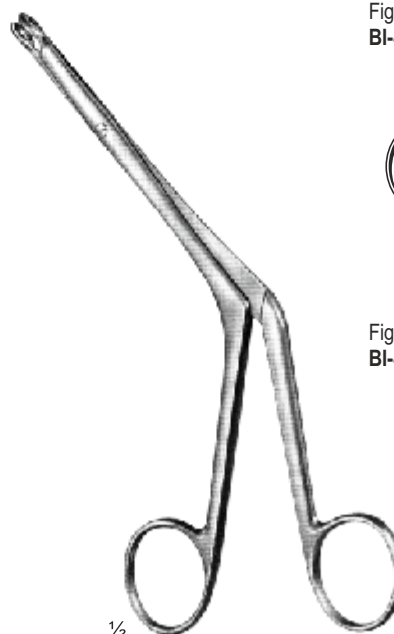


Fig. 1
BI-414-013



Fig. 2
BI-414-014

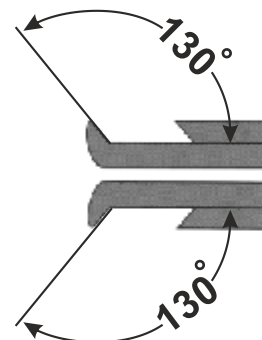
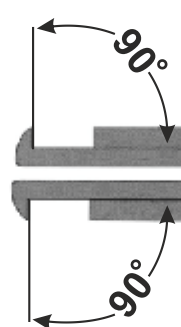
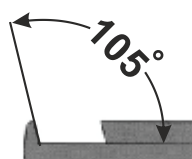


Fig. 3
BI-414-015



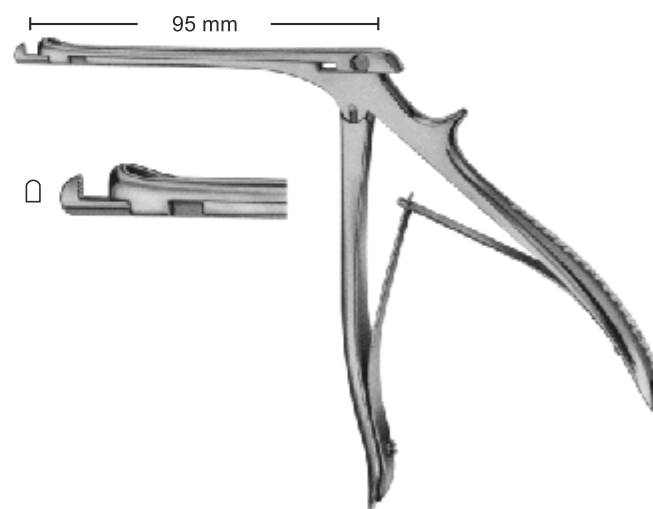
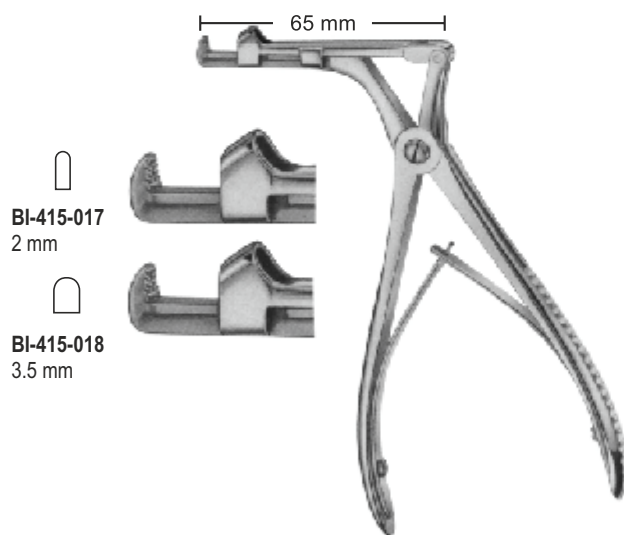
Fig. 4
BI-414-016

Brünings
BI-414-013 - BI-414-016
16.5 cm



90° upwards cutting

90° upwards cutting



Citelli
BI-415-017 - BI-415-018

Citelli-Beyer
BI-415-019
1.8 mm

Sphenoid Bone Punches

Sphenoid Knochen Stanzen

Socos de osso esfenoidal

Punzones de hueso esfenoides

140 mm



Hajek
BI-416-020 - BI-416-023



BI-416-020
Up cutting
4.0 x 4.0 mm
Shaft length
140 mm



BI-416-021
Down cutting
4.0 x 4.0 mm
Shaft length
145 mm

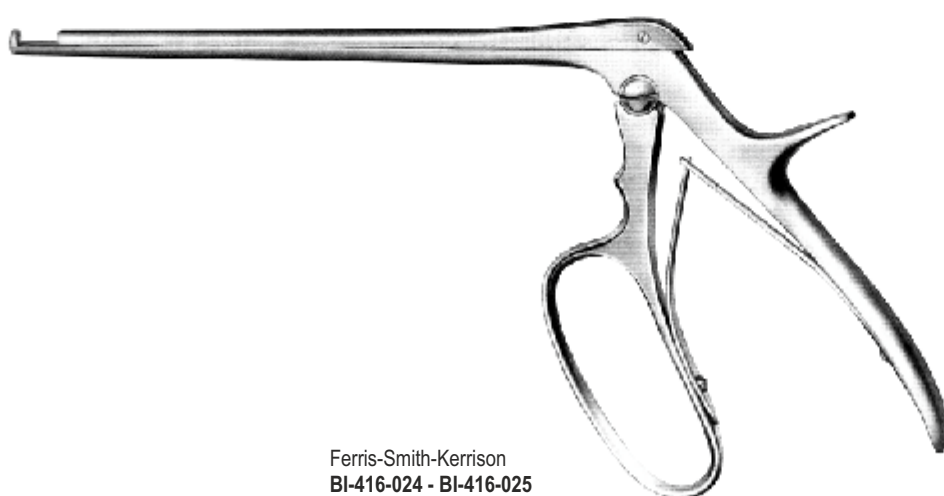


BI-416-022
Up cutting
3.5 x 3.5 mm
Shaft length
140 mm

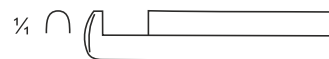


BI-416-023
Down cutting
3.5 x 3.5 mm
Shaft length
145 mm

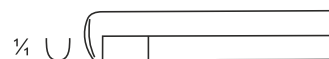
180 mm



Ferris-Smith-Kerrison
BI-416-024 - BI-416-025



BI-416-024
Up cutting
3.0 x 3.0 mm



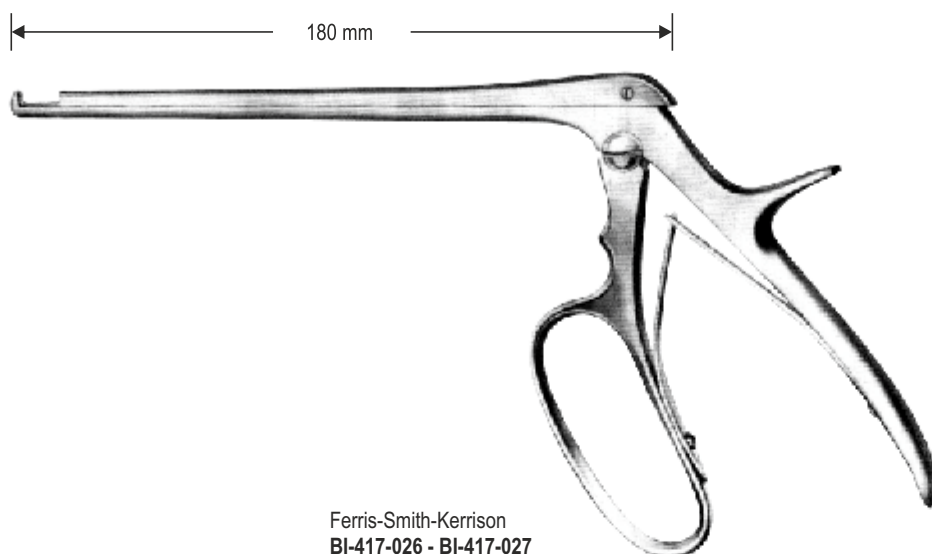
BI-416-025
Down cutting
3.0 x 3.0 mm

Sphenoid Bone Punches

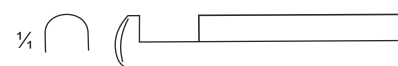
Sphenoid Knochen Stanzen

Socos de osso esfenoidal

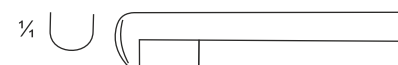
Punzones de hueso esfenoides



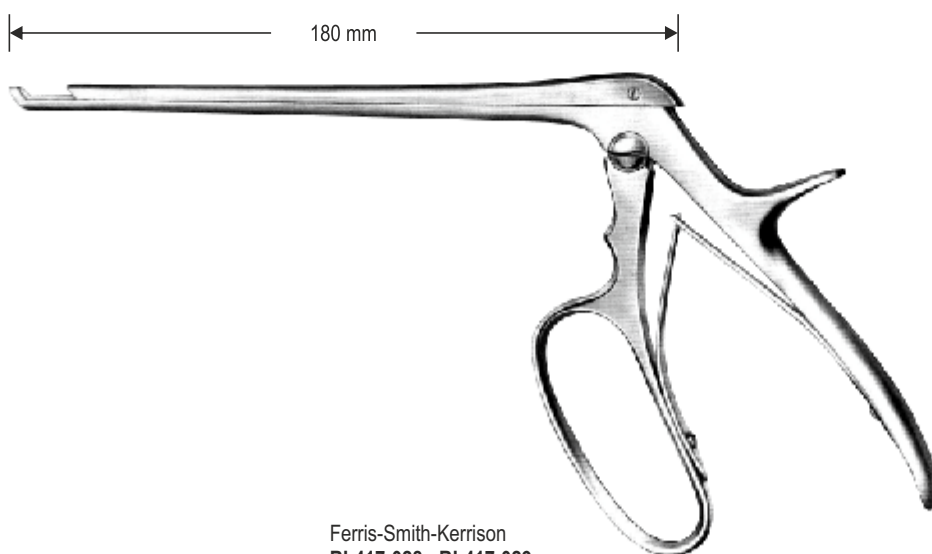
Ferris-Smith-Kerrison
BI-417-026 - BI-417-027



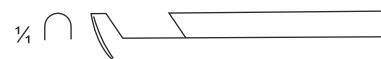
BI-417-026
Up cutting
5.0 x 5.0 mm



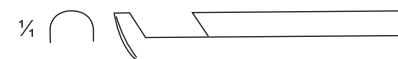
BI-417-027
Down cutting
5.0 x 5.0 mm



Ferris-Smith-Kerrison
BI-417-028 - BI-417-029



BI-417-028
Obliquely forward cutting
3 mm



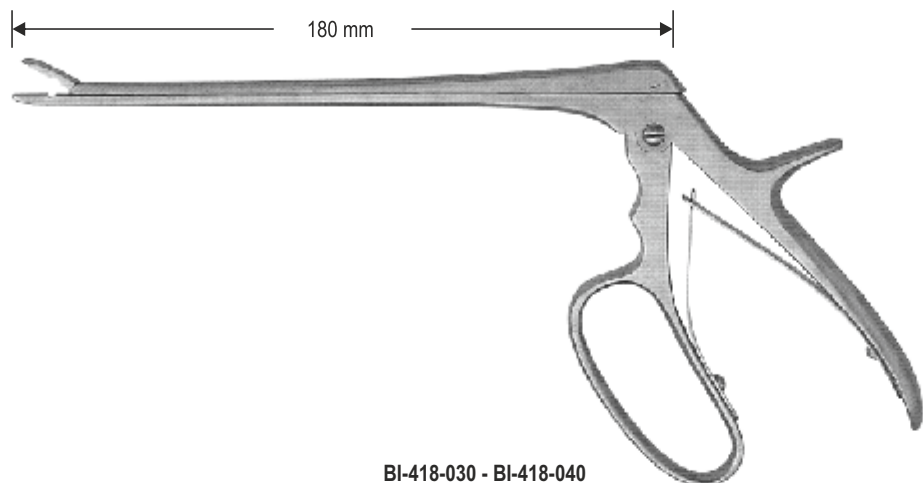
BI-417-029
Obliquely forward cutting
5 mm

Sphenoid Bone Punches

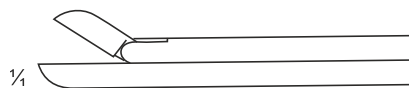
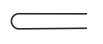
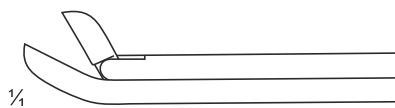
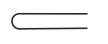
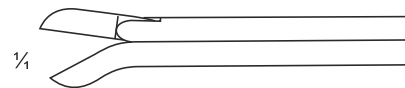
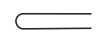
Sphenoid Knochen Stanzen

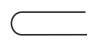
Socos de osso esfenoidal

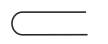
Punzones de hueso esfenoides

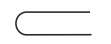


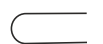
BI-418-030 - BI-418-040

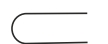


BI-418-030
 10 x 2 mm


BI-418-035
 10 x 2 mm


BI-418-038
 10 x 2 mm


BI-418-031
 10 x 3 mm


BI-418-036
 10 x 3 mm


BI-418-039
 10 x 3 mm


BI-418-032
 10 x 4 mm


BI-418-037
 10 x 4 mm


BI-418-040
 10 x 4 mm


BI-418-033
 10 x 5 mm


BI-418-034
 10 x 6 mm

Antrum Punches

Antrum Schläge
Antrum Socos
Antrum Punches



BI-419-041
3 x 3 mm



BI-419-042
4 x 4 mm

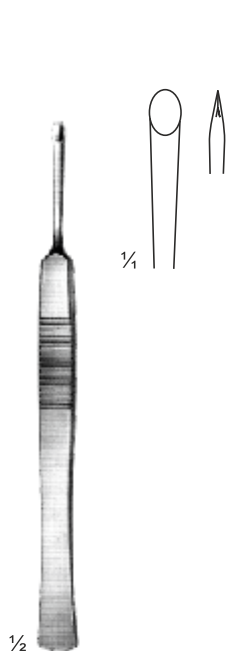


BI-419-043
5 x 5 mm

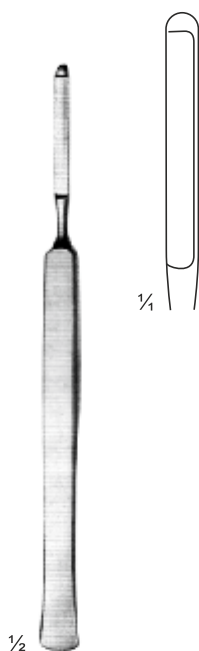


BI-419-044
6 x 6 mm

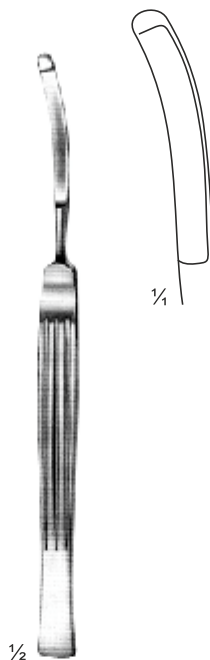
Kerrison
BI-419-041 - BI-419-044
20 cm
Shaft length
90 mm
Up cutting



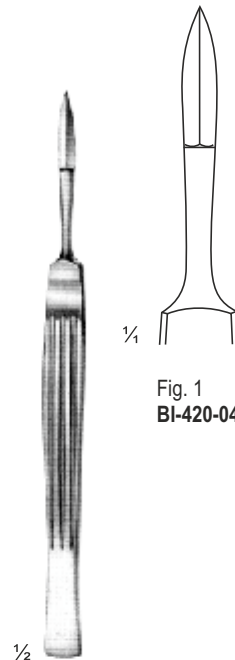
Cottle
BI-420-045
14 cm
Rhinoplastic knife



Joseph
BI-420-046
15.5 cm
Rhinoplastic knife



Converse
BI-420-047
16 cm
Rhinoplastic knife



Joseph
BI-420-048 - BI-420-049
15.5 cm
Rhinoplastic knife

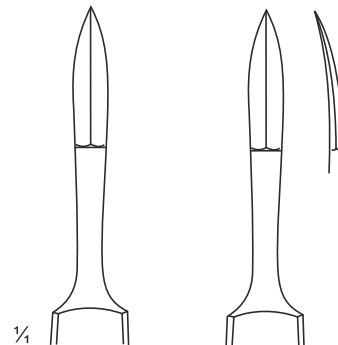
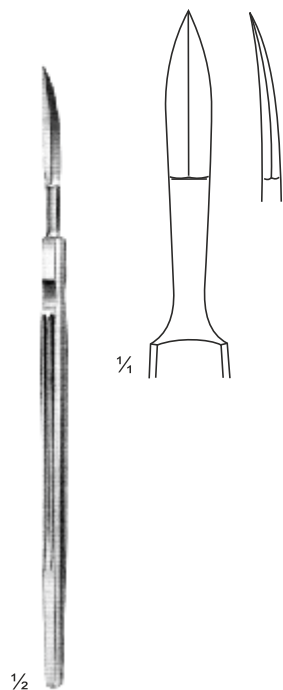


Fig. 1
BI-420-048

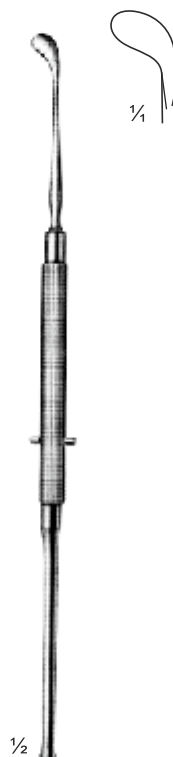
Fig. 2
BI-420-049



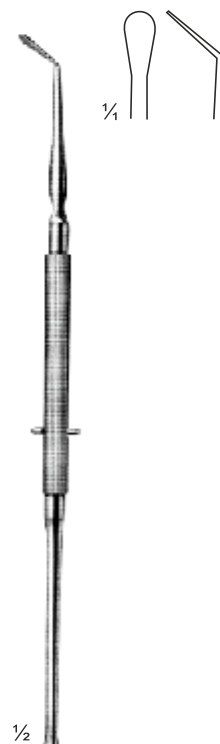
Fomon
BI-420-050
16.5 cm
Rhinoplastic knife



Freer
BI-420-051
16.5 cm
Mucosa knife
Septum knife



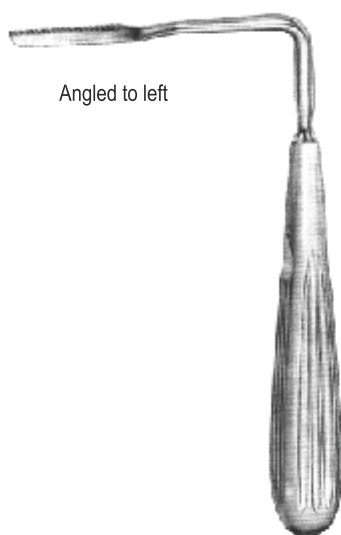
Freer
BI-420-052
19 cm
Septum knife



Freer
BI-420-053
18.5 cm
Septum knife

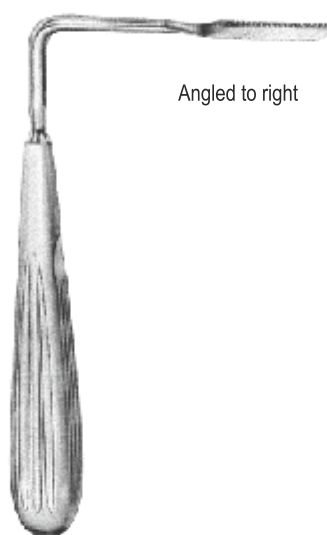
Nasal Saws, Cartilage Crusher

Nasensägen, Knorpel-Crusher
Serras Nasais, Triturador de Cartilagem
Sierras nasales, trituradora de cartílago



Angled to left

Joseph
BI-421-054
17 cm
Nasal saw



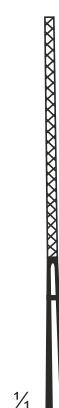
Angled to right

Joseph
BI-421-055
17 cm
Nasal saw



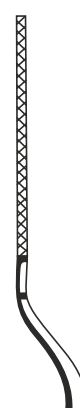
$\frac{1}{2}$

Joseph
BI-421-156 - BI-421-058
19 cm
Nasal saw



$\frac{1}{4}$

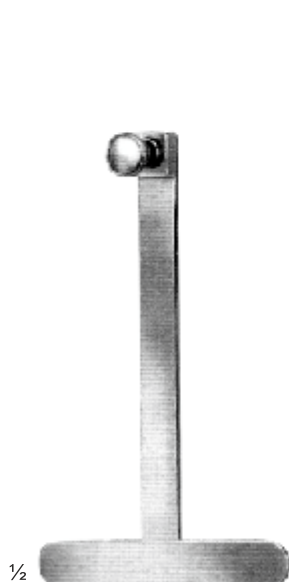
BI-421-056
Working length
40 mm



BI-421-057
Working length
40 mm



BI-421-058
Working length
40 mm



$\frac{1}{2}$

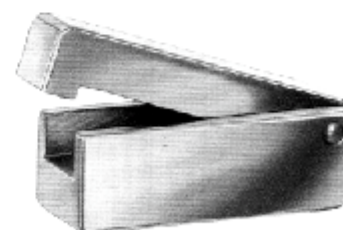
Cottle
BI-421-059
12 cm
Handle cartilage crusher



Cottle
BI-421-060
Guide support for osteotomies
7 mm wide
Cartilage crusher

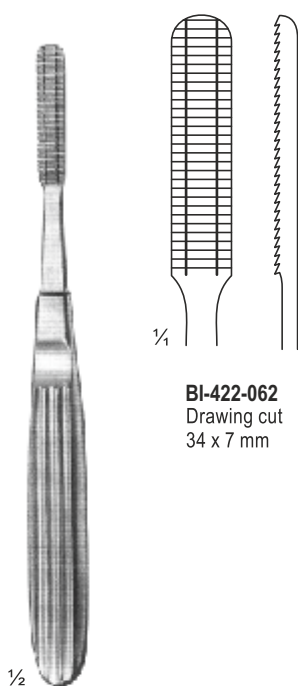


Cottle
BI-421-061
Cartilage crusher
65 x 30 x 30 mm

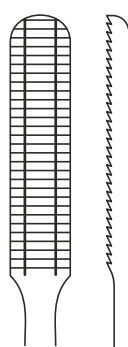


Nasal Rasps, Bone Files, Antrum Rasps

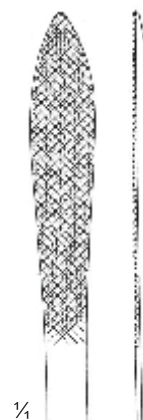
Nasal Raspeln, Knochenfeilen, Antrum Raspeln
Raspa Nasal, Arquivos Ósseos, Antrum Rasps
Escofinas nasales, archivos de hueso, escofinas antro



BI-422-062
Drawing cut
34 x 7 mm



BI-422-063
Pushing cut
34 x 7 mm



BI-422-064
60 x 8 mm



BI-422-065
45 x 9 mm

Maltz
BI-422-062 - BI-422-063
17 cm
Nasal saw

Maltz
BI-422-064 - BI-422-065
16 cm
Bone file



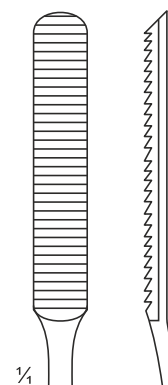
BI-422-066
45 x 6 mm



BI-422-067
45 x 6 mm



BI-422-068
45 x 6 mm



30 x 8 mm



Cottle
BI-422-069
21 cm
Nasal rasp

Gallaher
BI-422-066 - BI-422-1068
17 cm
Antrum rasp

Glabella Rasps, Nasal Rasps, Bone Files

Glabella Raspeln, Nasenraspeln, Knochenfeilen

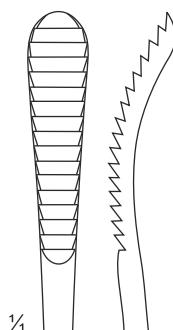
Rasps de Glabella, Raspa Nasal, Archivos Óseos

Glabella Rasps, raspados nasales, archivos de hueso



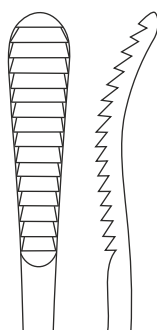
1/2

Aufricht
BI-423-070 - BI-423-071
21 cm
Glabella rasp



1/4

BI-423-070
Pushing cut
32 x 9 mm

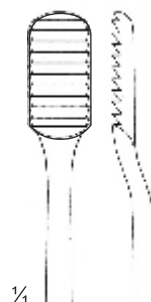


BI-423-071
Drawing cut
32 x 9 mm



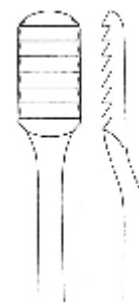
1/2

Lweis
BI-423-072 - BI-423-073
19 cm
Nasal rasp



1/4

BI-423-072
Pushing cut
15 x 8 mm

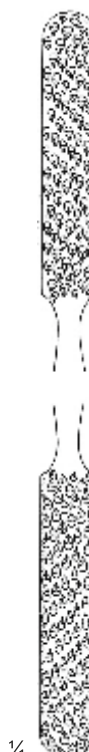


BI-423-073
Drawing cut
15 x 8 mm

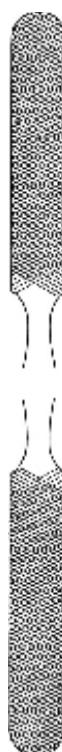


1/2

Fomon
BI-423-074
21 cm
Bone file
30 x 8 mm



1/4



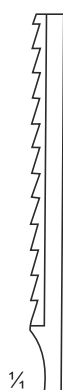


Fig. 1
BI-424-075

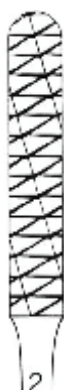


Fig. 2
BI-424-076



Fig. 3
BI-424-077



Fig. 4
BI-424-078

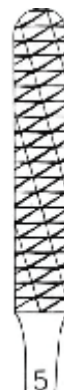


Fig. 5
BI-424-079

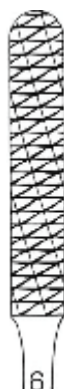


Fig. 6
BI-424-080



Fig. 7
BI-424-081



Fig. 8
BI-424-082



Fig. 9
BI-424-083



Fig. 10
BI-424-084

Maltz
BI-424-075 - BI-424-084
21 cm

T.C. GOLD

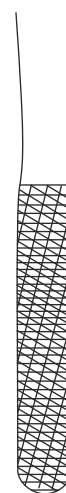
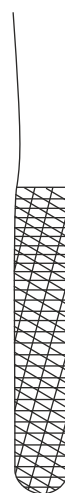
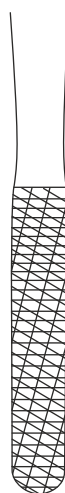
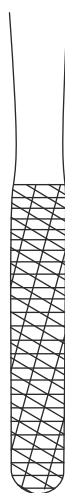
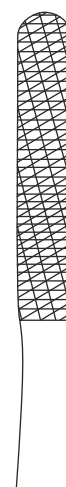
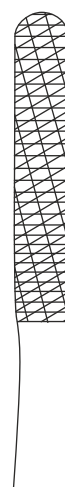


Fig. 1/2
BI-425-085
30 x 8 mm

Fig. 3/4
BI-425-086
40 x 7 mm

Fig. 5/6
BI-425-087
40 x 7 mm

Fig. 7/8
BI-425-088
40 x 7 mm

Fig. 9/10
BI-425-089
40 x 7 mm

Fig. 2/5
BI-425-090
40 x 7 mm

Fomon
BI-425-085 - BI-425-090
20.5 cm

Alar Hooklets, Mucosa Hooklet

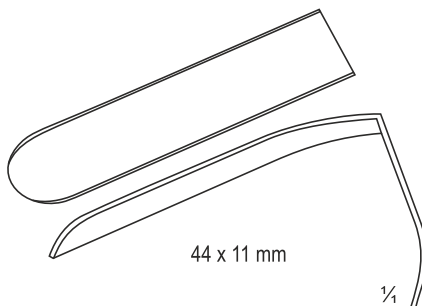
Alar-Haken, Mucosa-Haken
Alar Hooklets, Mucosa Hooklet
Alar Hooklets, Mucosa Hooklet



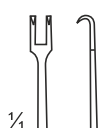
Kilner
BI-426-091
8 cm
Sharp
Alar hooklet



Converse
BI-426-092
10.5 cm
Nasal retractor



Converse
BI-426-093
11.5 cm
Sharp
Alar hooklet



1/2

Freer
BI-426-094
15 cm
Sharp
Mucosa hooklet



1/2

Joseph
BI-426-095 - BI-426-098
16 cm
Mucosa hooklet



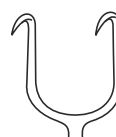
BI-426-095
2 mm



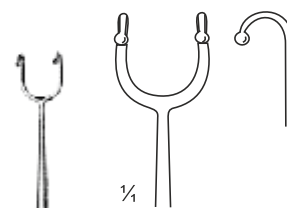
BI-426-096
5 mm



BI-426-097
7 mm



BI-426-098
10 mm



1/2

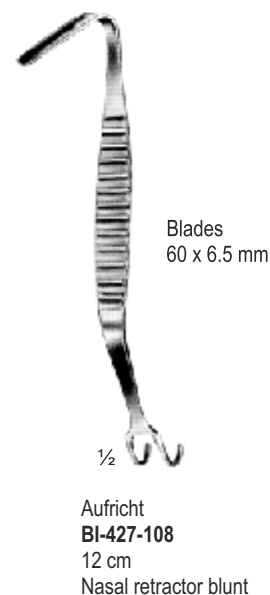
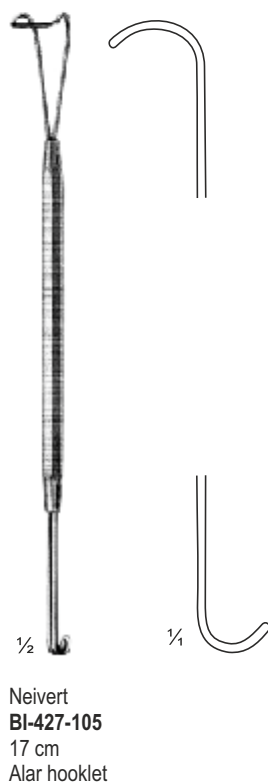
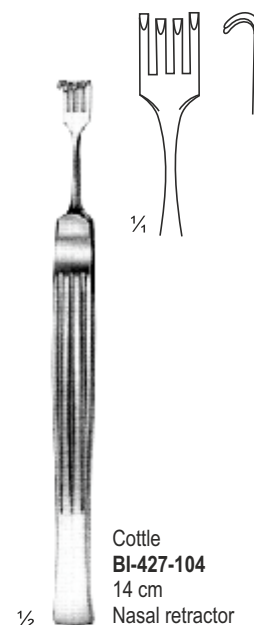
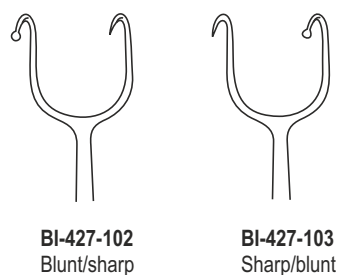
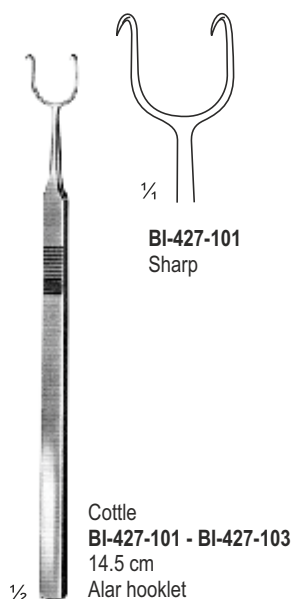
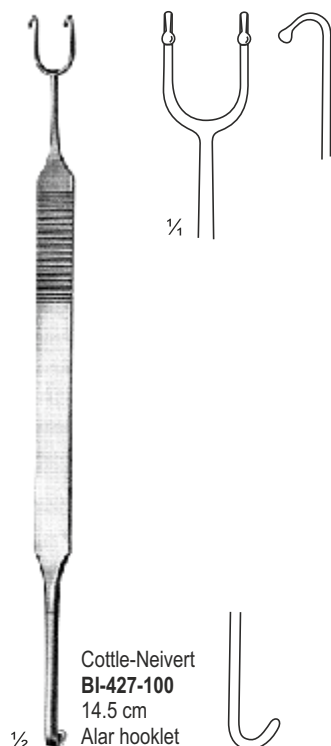
Fomon
BI-426-099
16 cm
Button ended
Alar hooklet

Alar Hooklets, Nasal Retractors

Alar Hooklets, nasale Retraktoren

Alar Hooklets, retratores nasais

Alar Hooklets, retratores nasales

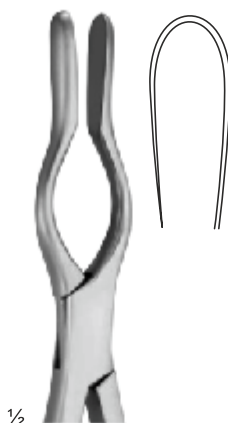


Septum Forceps, Septum Straightening Forceps

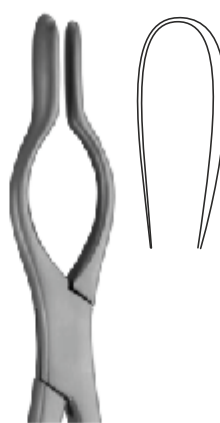
Septumzange, Septum-Richtzange
Pinça de Septo, Pinça de Endireitamento de Septo
Pinzas de septo, pinzas de enderezar septos



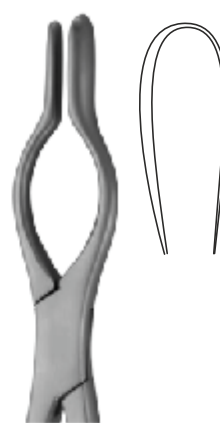
Cottle-Walsham
BI-428-109 - BI-428-111
22 cm
Septum straightening forcep



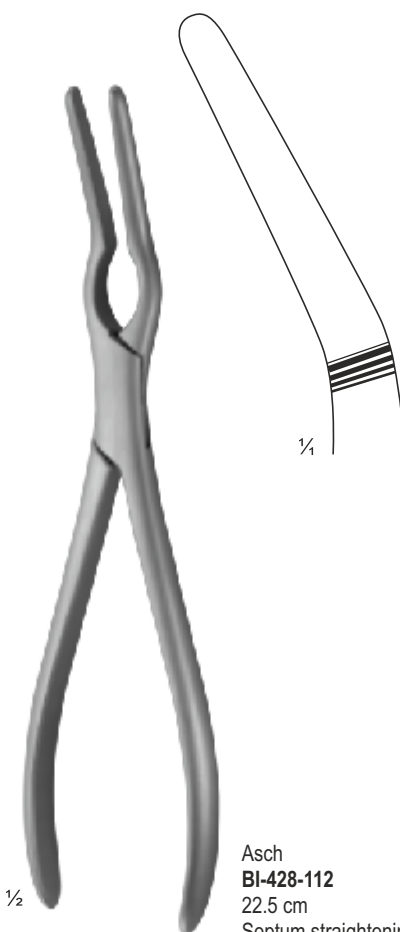
BI-428-109
Straight



BI-428-110
Left



BI-428-111
Right



Asch
BI-428-112
22.5 cm
Septum straightening forcep



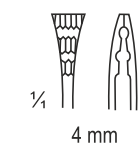
Kressner
BI-428-113
22 cm
Septum forcep

Skin Grasping Forceps, Antrum Curettes

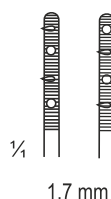
Hautgreifpinzetten, Antrum Küretten
Pinça para Agarre a Pele, Curetas Antrum
Fórceps de agarre de piel, curaciones de antrum



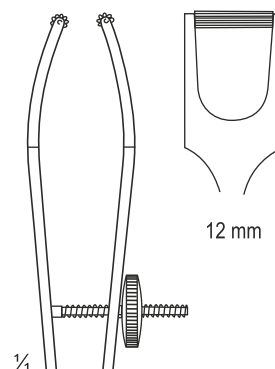
Aiach
BI-429-114
15.5 cm
Columella suturing forcep



Ogura
BI-429-115
11 cm
Skin grasping forcep



Cottle
BI-429-116
14 cm
Skin grasping forcep



Cottle
BI-429-167
11 cm
Columella forcep



Faulkner
BI-429-118
21 cm
Antrum curette



Coakley
BI-429-119 - BI-429-124
17 cm
Antrum curette



Fig. 1
BI-429-119



Fig. 2
BI-429-120



Fig. 3
BI-429-121



Fig. 4
BI-429-122



Fig. 5
BI-429-123



Fig. 6
BI-429-124



Fig. 1
BI-430-125
Blades
21.0 x 9.5 mm

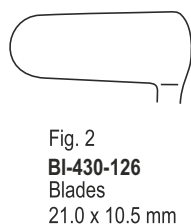


Fig. 2
BI-430-126
Blades
21.0 x 10.5 mm

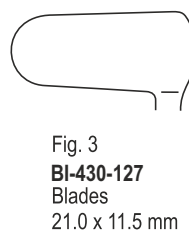
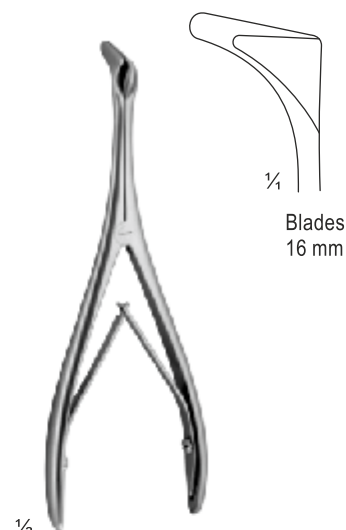


Fig. 3
BI-430-127
Blades
21.0 x 11.5 mm



Tieck - Halle
BI-430-128
13 cm



Hartmann-Halle
BI-430-129 - BI-430-131
16 cm

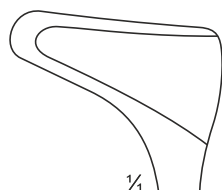


Fig. 1
BI-430-129
blades
27 mm

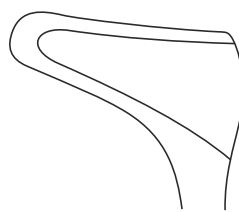


Fig. 2
BI-430-130
blades
31 mm

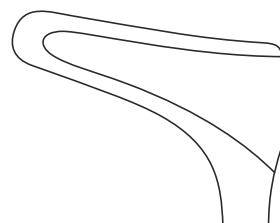


Fig. 3
BI-430-131
blades
35 mm



Beckmann
BI-430-132
15 cm



Mod. Wien
BI-431-133 - BI-431-135
13.5 cm

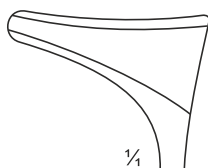


Fig. 1
BI-431-133
blades
27 mm

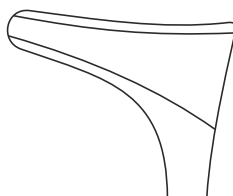


Fig. 2
BI-431-134
blades
31 mm

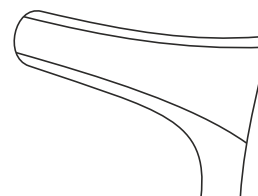


Fig. 3
BI-431-135
blades
35 mm



Killian
BI-431-139 - BI-431-140

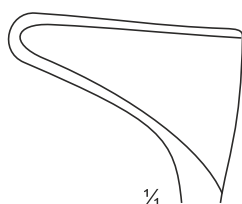


Fig. 1
BI-431-136
14 cm
Blades
35 mm

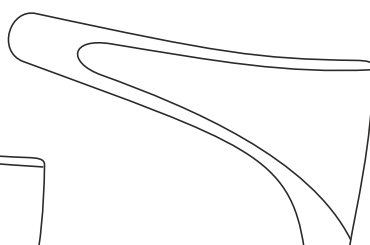


Fig. 2
BI-431-137
14.5 cm
Blades
50 mm

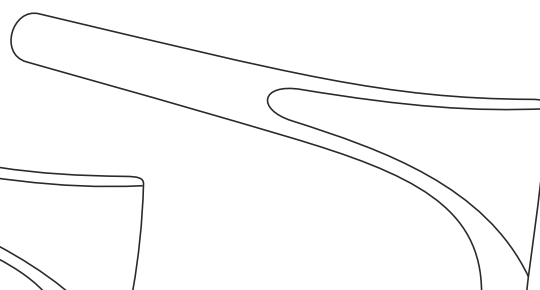


Fig. 3
BI-431-138
16 cm
Blades
75 mm

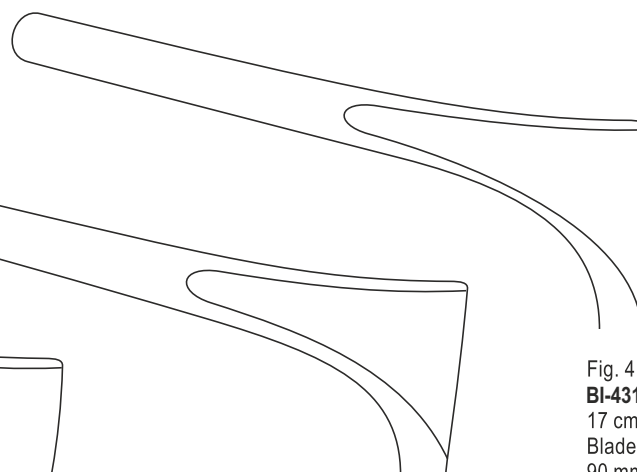


Fig. 4
BI-431-139
17 cm
Blades
90 mm



Oral Maxillo-Facial Surgery

Mund-Kiefer-Gesichtschirurgie

Cirurgia Maxilofacial Oral

Cirugía maxilofacial oral

Page 432-444

Mouth Gags
Mundknebel
Mordças da boca
Mordazas



1/2

Molt
BI-432-001
For children
11 cm



1/2

Molt
BI-432-002
For adults
13 cm



1/2

Denhart
BI-432-003
13 cm
Jaws
16 mm



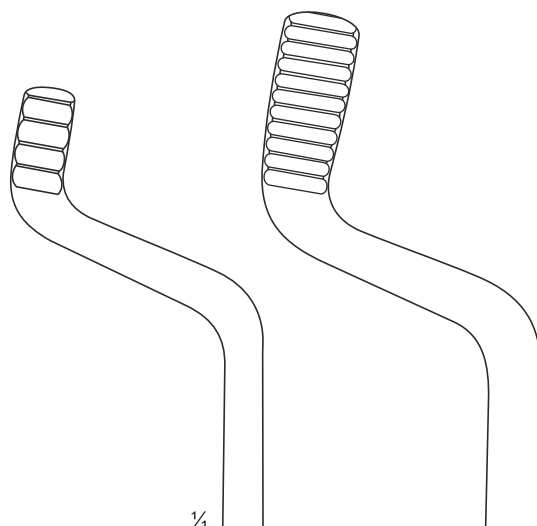
1/2

Fergusson-Ackland
BI-432-004
14.5 cm



1/2

Roser-König
BI-432-005 - BI-432-006



1/4

BI-432-005
16 cm

BI-432-006
19 cm



1/2

Davis-Boyle
BI-433-007
Complete, consisting of frame
and 5 tongue depressors no. 1-5

BI-433-008
Frame for mouth gag

BI-433-009
14.5 cm
Frame for mouth gag with joint

BI-433-010
14.5 cm
Silicone inlay



BI-433-011 - BI-433-015
With fixed suction tube

1/2

Fig. 1
BI-433-011
110 X 28 mm



Fig. 2
BI-433-012
95 X 27 mm



Fig. 3
BI-433-013
80 X 27 mm



Fig. 4
BI-433-014
65 X 26 mm



Fig. 5
BI-433-015
30 X 20 mm
Without suction tube

Mouth Gags, Lip and Cheek Retractors

Mundknebel, Lippen- und Wangenspreizer

Gags boca, Lip e bochecha retratores

Mordazas de boca, labios y retractores de mejillas



1/2

Jennings

BI-434-016 - BI-434-019

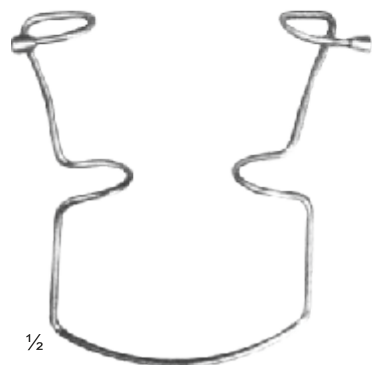
BI-434-016 10.5 cm

BI-434-017 12.5 cm

BI-434-018 14.5 cm

BI-434-019 16.5 cm

Mouth gag



1/2

Oringer

BI-434-020

9.5 cm

Lip and cheek retractor
self retaining, for children

BI-434-020 - BI-434-024

BI-434-021

Set with Fig. 1-3

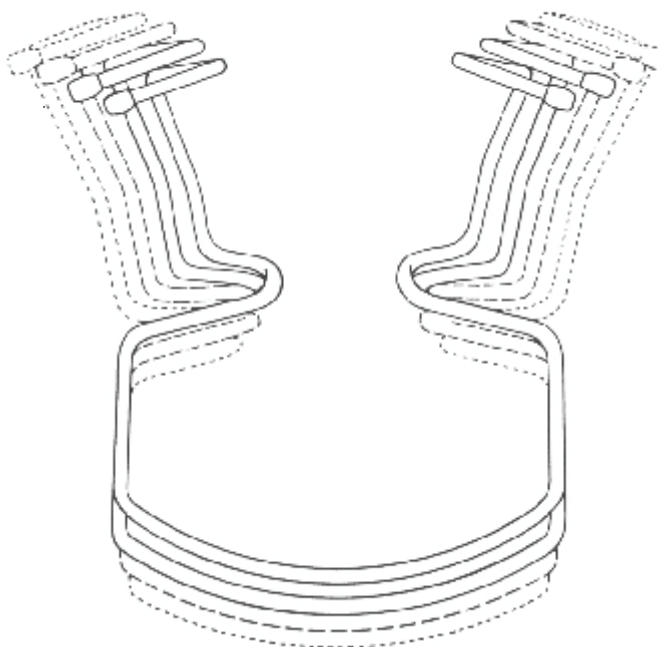


Fig. 1

BI-434-022

10 cm

Fig. 2

BI-434-023

10.5 cm

Fig. 3

BI-434-024

11 cm



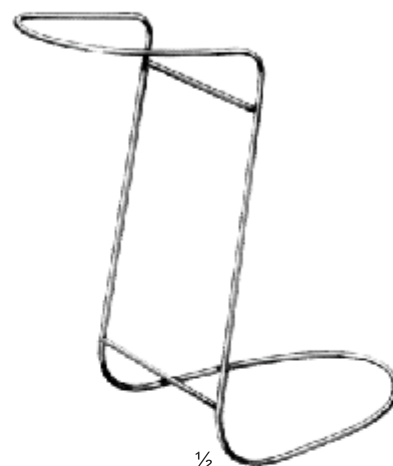
Martin-Simplex
BI-435-025
10.5 cm



BI-435-026
14 cm
Vestibulum retractor



Sternberg
BI-435-027
14 cm



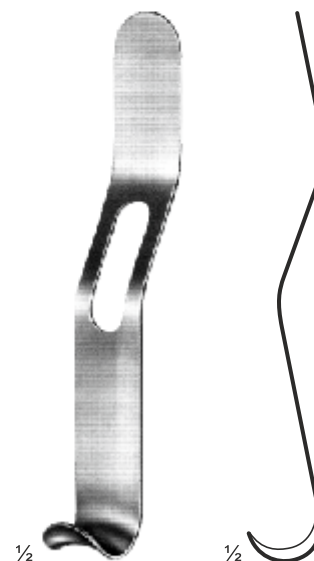
Obwegeser
BI-435-028
12 cm



Bishop
BI-435-029
13.5 cm



Cawood-Minnesota
BI-435-030
15.5 cm



Cawood-Minnesota
BI-435-031
14.5 cm

Tongue Depressors

Zungenspatel

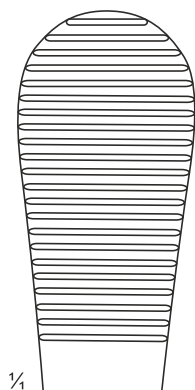
Depresores de língua

Depresores de lengua



1/2

Hartmann
BI-436-032
15 cm



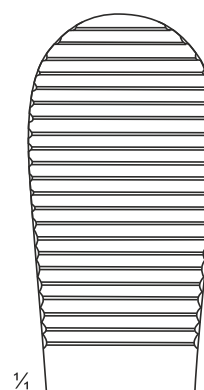
1/4

72 x 24 mm



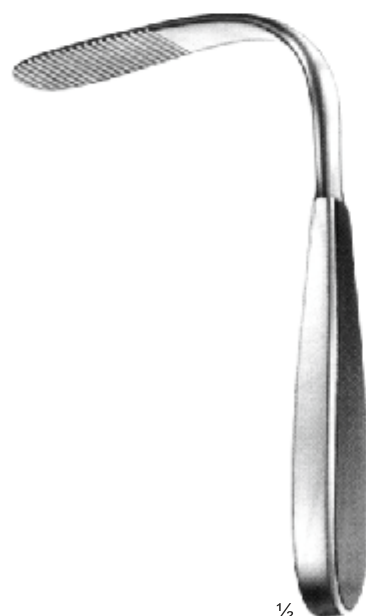
1/2

Tobold
BI-436-033
15 cm



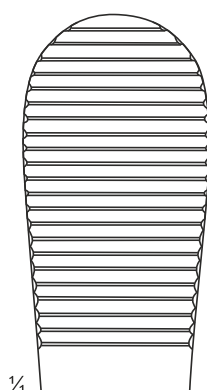
1/4

83 x 25 mm



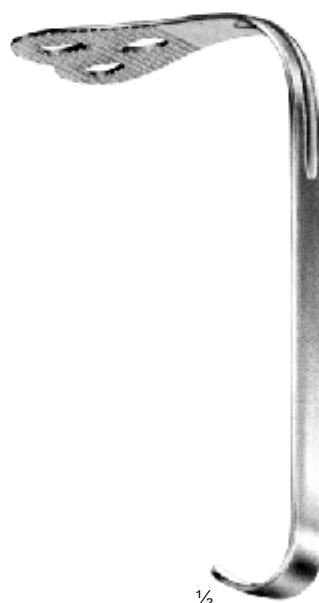
1/2

Tobold
BI-436-034
16 cm



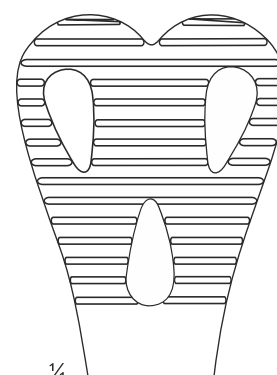
1/4

80 x 25 mm



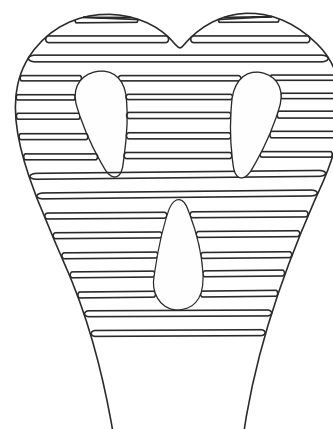
1/2

Wieder
BI-436-035 - BI-436-036



1/4

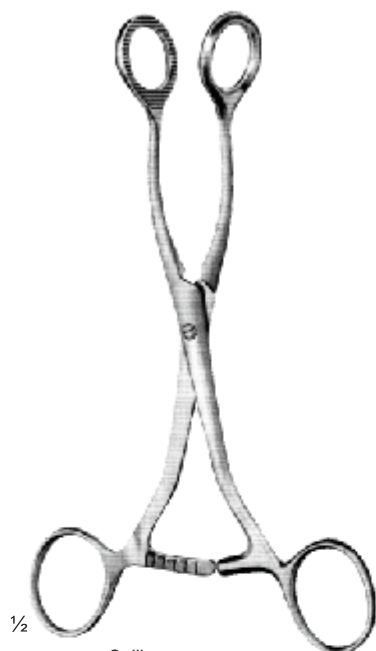
BI-436-035
14 cm
36 mm



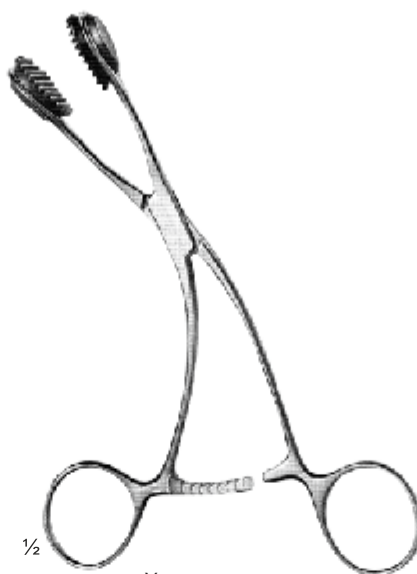
BI-436-036
15 cm
43 mm

Finger Protector, Napkin holders and Mouth Gags

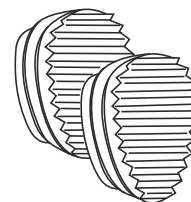
Fingerschutz, Serviettenhalter und Mundknebel
Protetor de dedo, Porta-guardanapos e Gags de boca
Protector de dedos, servilleteros y mordazas



Collin
BI-437-037
17 cm
Tongue holding forceps



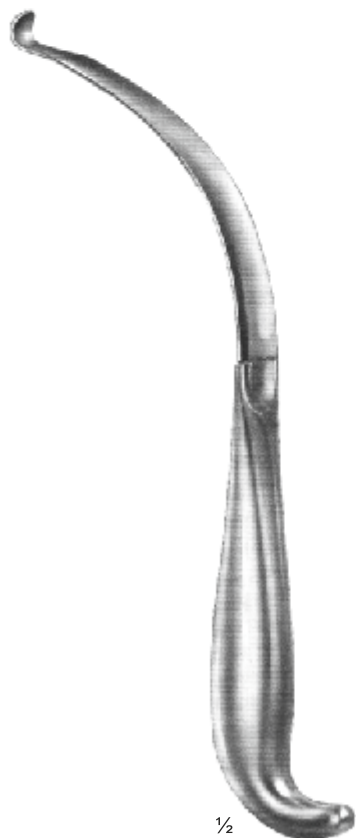
Young
BI-437-038
15 cm
Tongue holding forceps



Young
BI-437-039
Rubber inserts
pair



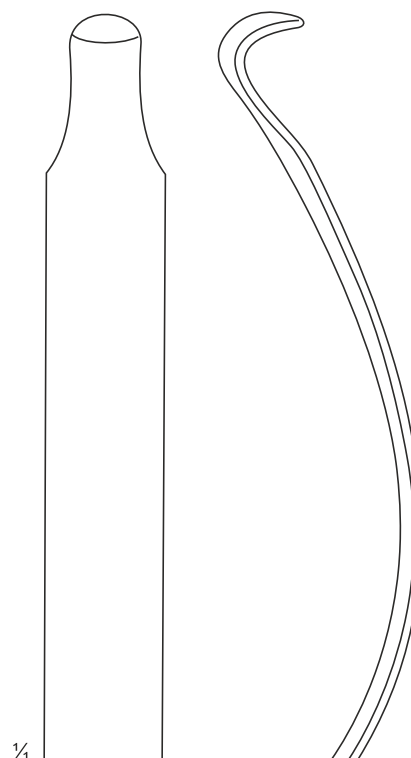
9.5/16 mm



BI-437-040
22 cm
Extra oral retractors
Concave, fully bent tip



Eckelt
BI-437-041
21 cm
Extra oral retracots



Extra Oral Retractors

Extra Oral Retraktoren

Retratores orais extra

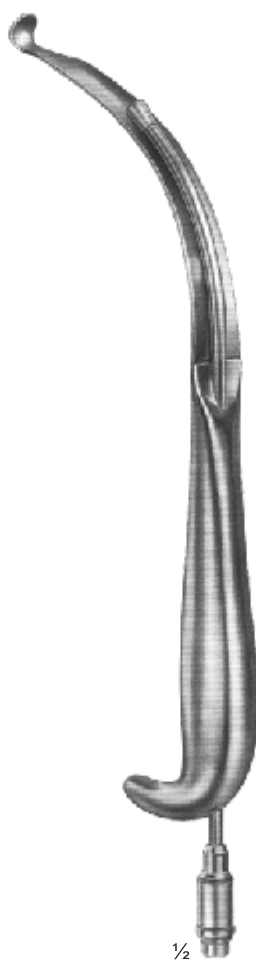
Retradores orales extra

9.5/16 mm



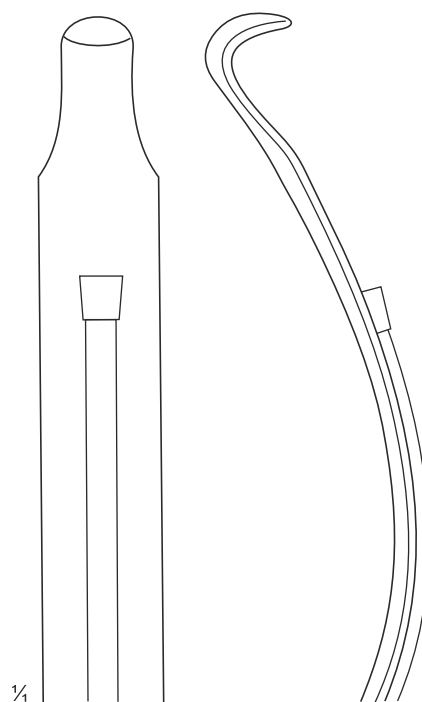
1/2

BI-438-042
25 cm
Concave, full bent tip



1/2

Eckelt
BI-438-043
25 cm
Concave, full bent tip



1/4

Extra Oral Retractors

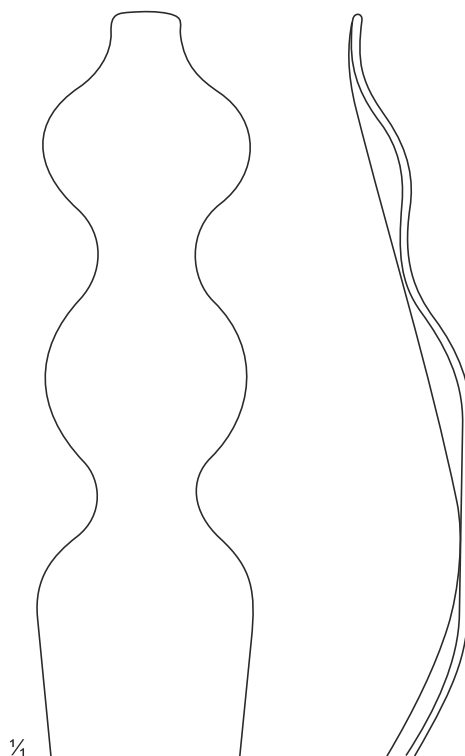
Extra Oral Retraktoren
Retratores orais extra
Retradores orales extra



BI-439-044
23 cm
for leFort osteotomies
25.5 mm



BI-439-045
26 cm
For leFort osteotomies
25.5 mm



Soft Tissue Retractors

Weichteil-Retraktoren

Retradores de tecidos moles

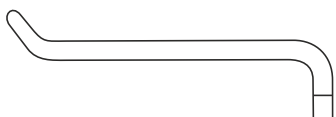
Retradores de tecidos moles



1/2

Obwegeser

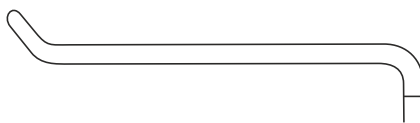
BI-440-046 - BI-440-048



BI-440-046

22.5 cm

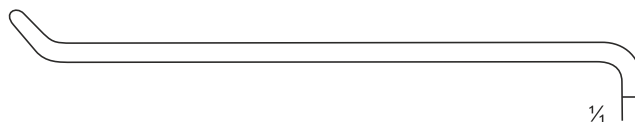
43 X 11 mm



BI-440-047

23 cm

57 X 11 mm



1/4

BI-440-048

23 cm

80 X 16 mm



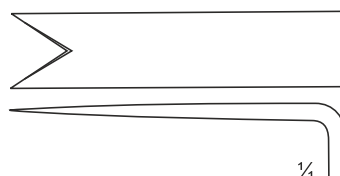
1/2

Obwegeser

BI-440-049

22 cm

Nasal spine retractor

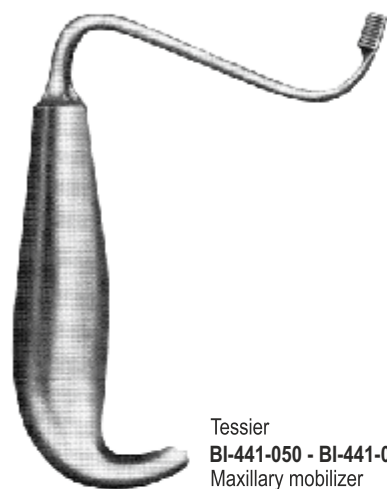


1/4

43 X 10 mm

Zygoma Elevators, Retractors

Zygoma Aufzüge, Retraktoren
Elevadores Zygoma, retratores
Ascensores Zygoma, retractores



Tessier
BI-441-050 - BI-441-051
Maxillary mobilizer
zygoma elevator



1/4

BI-441-050
Left



1/4

BI-441-051
Right



1/2

BI-441-052
20 cm
Zygoma elevator



1/2

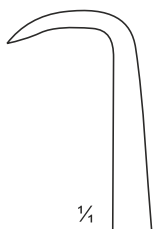
Dingmann
BI-441-053
21.5 cm
Zygoma
elevator

Tip
Ø 5.0 mm



1/2

Dingmann-Wilk
BI-441-054
20 cm
Retractor



1/4



1/2

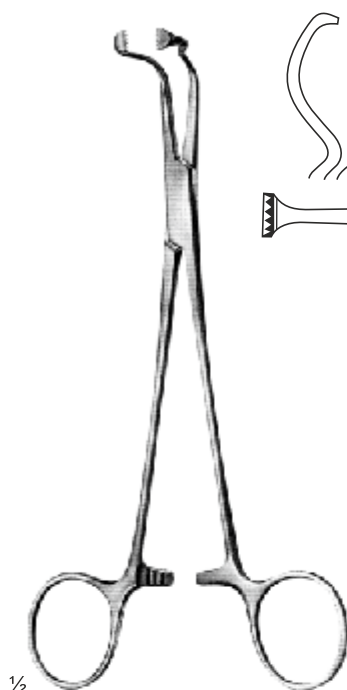
Eckelt
BI-441-055
20 cm
Plate-pulling instrument



1/4

Bone Holding Forceps

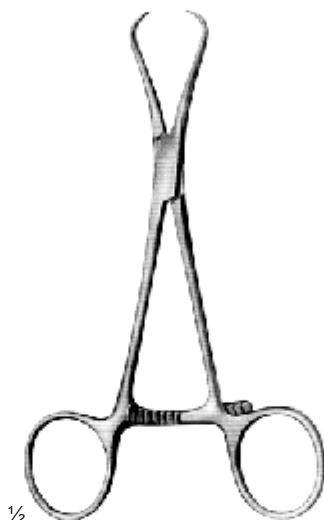
Knochenhaltezange
Osso, segurando, fórceps
Fórceps de sujeción de hueso



BI-442-056
Left

BI-442-057
Right

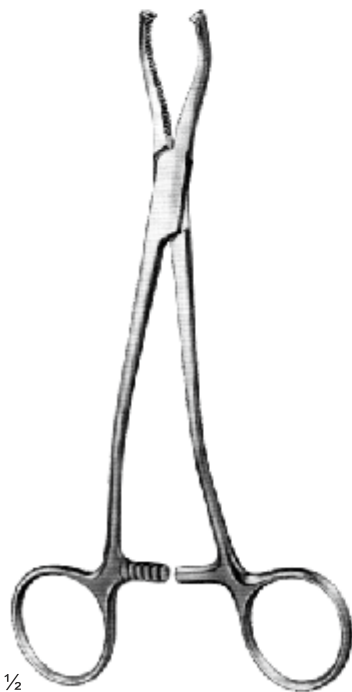
Keen
BI-442-056 - BI-442-057
17.5 cm



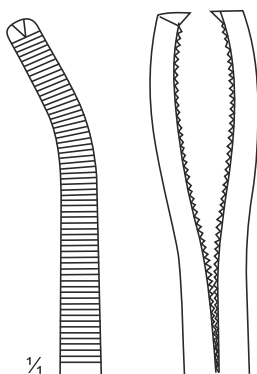
Steinhäuser
BI-442-058
13.5 cm



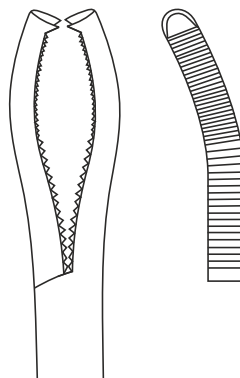
Steinhäuser
BI-442-059
12.5 cm



Jeter-Van Sickels
BI-442-060 - BI-442-061
17.5 cm



BI-442-060
19.5 cm
Light pattern, for
sagittal split procedure



BI-442-061
18 cm
Heavy pattern, for
sagittal split procedure

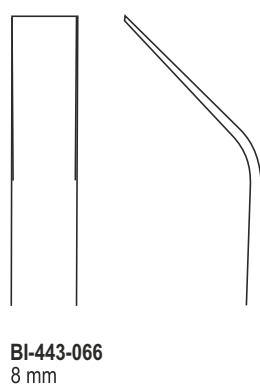
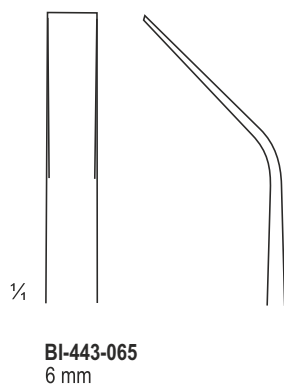
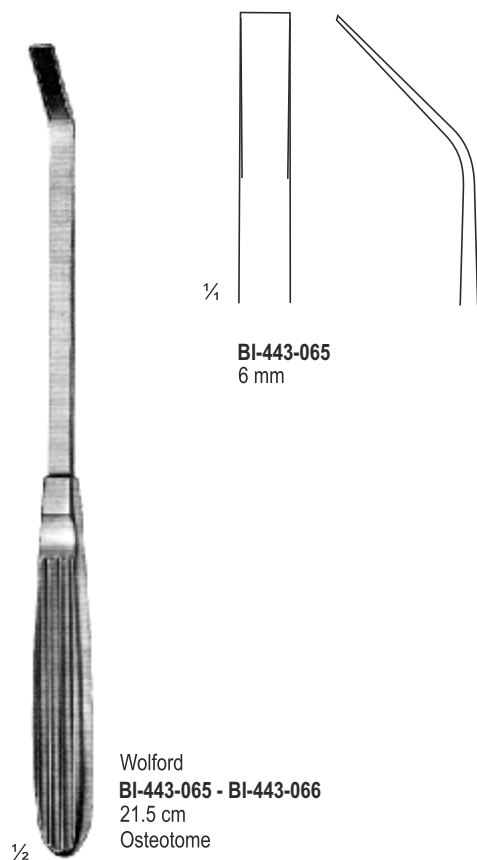
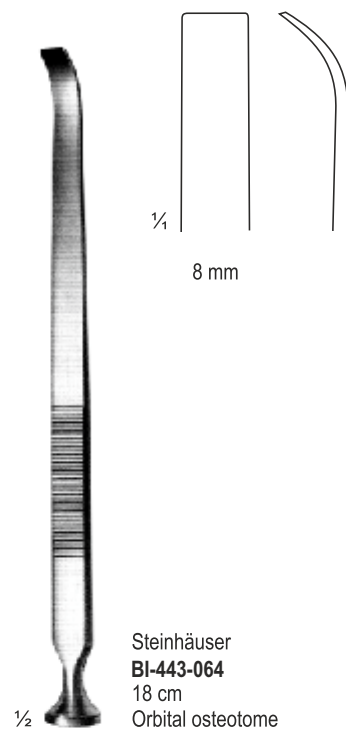
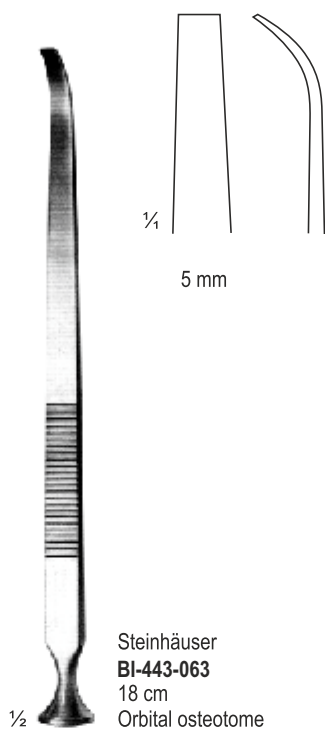
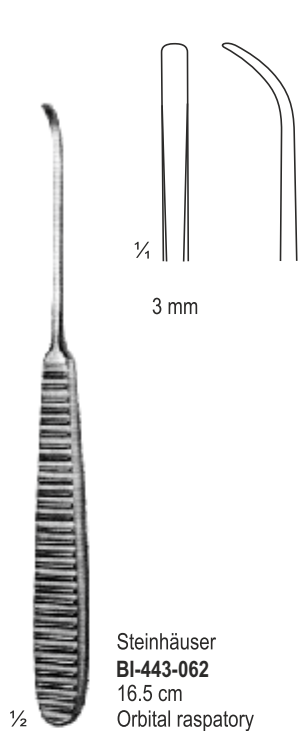


Raspatories, Osteotomes

Raspatorien, Osteotome

Raspatórios, Osteótomos

Raspatories, Osteotomes





Tonsillectomy, Laryngo-Bronchoscopy

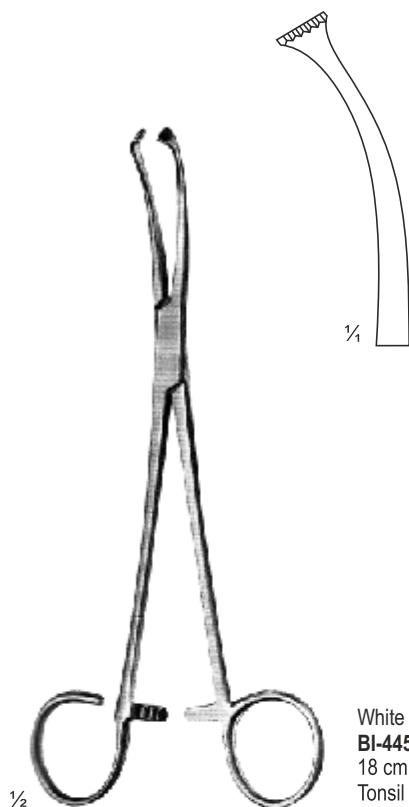
Tonsillektomie, Laryngo-Bronchoskopie

Amigdalectomia Laryngo-broncoscopia

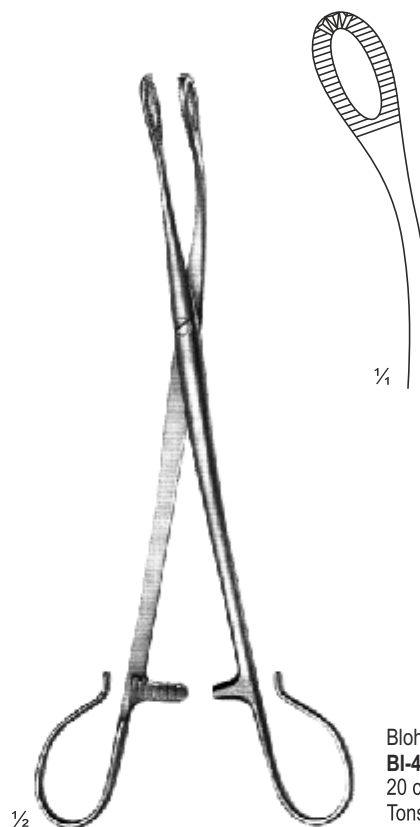
Amigdalectomía, laringoscocoscopia

Page 445-449

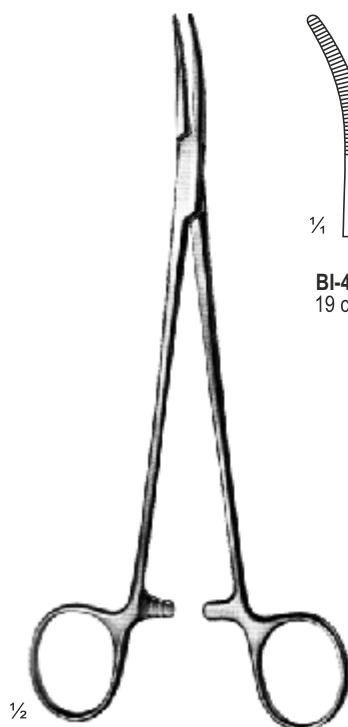
Cleft Palate Instruments
Gaumenspalte Instrumente
Instrumentos de Fissura Palatina
Instrumentos del paladar hendido



White
BI-445-001
18 cm
Tonsil grasping forceps

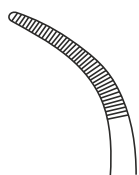


Blohmke
BI-445-002
20 cm
Tonsil grasping forceps



BI-445-003
19 cm

Schnidt
BI-445-003 - BI-445-004

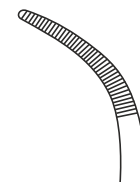


BI-445-004
18.5 cm



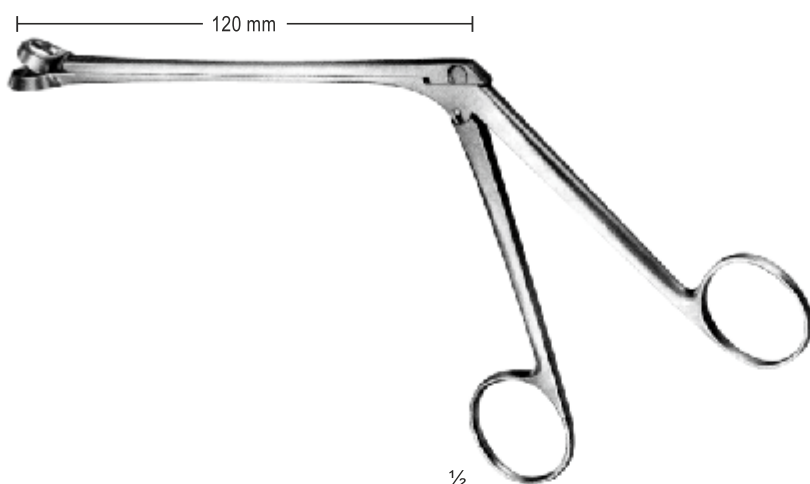
BI-445-005
19 cm

Schnidt
BI-445-005 - BI-445-006

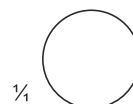


BI-445-006
18.5 cm

Broncho-Esophagoscopes Forceps
Broncho-Ösophagoskopie-Zange
Pinça de bronco-esofagoscopia
Fórceps broncoesofágoscopia

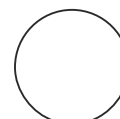


Hartmann
BI-446-007 - BI-446-008
Tonsil punch through-cutting



BI-446-007
Cut
13 mm Ø

Shaft length
120 mm Ø



BI-446-008
Cut
15 mm Ø

Shaft length
120 mm Ø



Brünings
BI-446-010 - BI-446-011
Interchangeable tube
for handle **BI-446-029**

BI-446-012	22 cm
BI-446-013	32 cm
BI-446-014	41 cm



Huber
BI-446-009
Universal handle
for interchangeable tube
BI-446-009 - BI-446-010

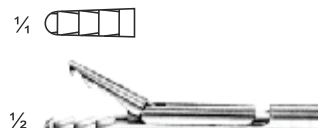


Brünings
BI-446-010
18 cm
laryngeal tube, curved
for handle **BI-446-009**

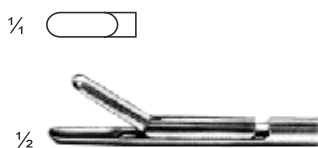
Cleft Palate Instruments
Gaumenspalte Instrumente
Instrumentos de Fissura Palatina
Instrumentos del paladar hendido



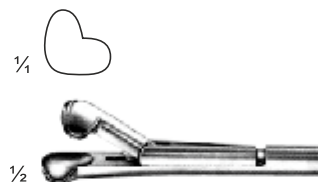
Fraenkel
BI-447-015
For interchangeable tubes



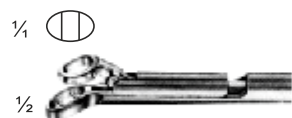
Seiffert
BI-447-016
For interchangeable tubes



Fraenkel
BI-447-017
For interchangeable tubes



Scheinmann
BI-447-018
For interchangeable tubes



Scheinmann
BI-447-019
For interchangeable tubes



Brünings
BI-447-020 - BI-447-021
For interchangeable tubes

1/4 ○
Fig. 2
BI-447-020

○
Fig. 3
BI-447-021

1/4 ○
Fig. 2
BI-447-022

○
Fig. 3
BI-447-023



Brünings
BI-447-022 - BI-447-023
for interchangeable tubes



Lange
BI-447-024
for interchangeable tubes

1/4 ○
Fig. 1
BI-447-025



Krause
BI-448-026 - BI-448-027
For interchangeable tubes



Fig. 1
BI-448-026



Fig. 2
BI-448-027



Krause
BI-448-035
For interchangeable tubes



Cordes
BI-448-028 - BI-448-031
For interchangeable tubes



Fig. 1
BI-448-028



Fig. 2
BI-448-029



Fig. 3
BI-448-030



Fig. 4
BI-448-031



Schumacher
BI-448-036
For interchangeable tubes



Cordes
BI-448-032 - BI-448-033
For interchangeable tubes



Fig. 1
BI-448-032



Fig. 2
BI-448-033



Cordes
BI-448-037
For interchangeable tubes



Rosenberg
BI-448-034
For interchangeable tubes



Cranio-Maxillo-Facial Surgery

Cranio-Maxillo-Gesichtschirurgie

Cirurgia Cranio-Maxilo-Facial

Cirugía cráneo-maxilar-facial

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Soft Tissue Retractors
Weichteil-Reraktoren
Retradores de tejidos moles
Retradores de tejidos blandos



BI-450-001
21.5 cm
16 x 5 mm



BI-450-002
21 cm
25 x 7 mm



BI-450-003
23 cm
35 x 10 mm



BI-450-004
23 cm
42 x 10 mm



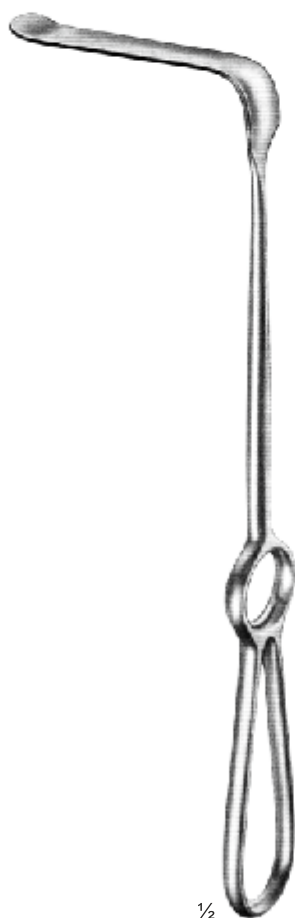
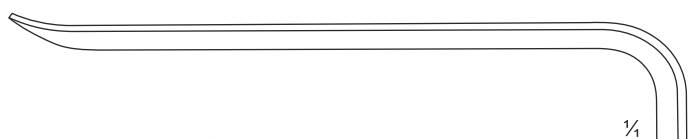
BI-450-005
23.5 cm
55 x 13 mm



BI-450-006
23.5 cm
67 x 15 mm



BI-450-007
24 cm
80 x 17 mm



Obwegeser
BI-450-001 - BI-450-007
Bent upwards



Obwegeser
BI-451-008 - BI-451-014
Bent upwards



BI-451-008
21 cm
16 x 5 mm



BI-451-009
21 cm
25 x 7 mm



BI-451-010
23 cm
35 x 10 mm



BI-451-011
23 cm
42 x 10 mm



BI-451-012
23.5 cm
55 x 12 mm



BI-451-013
23.5 cm
66 x 15 mm



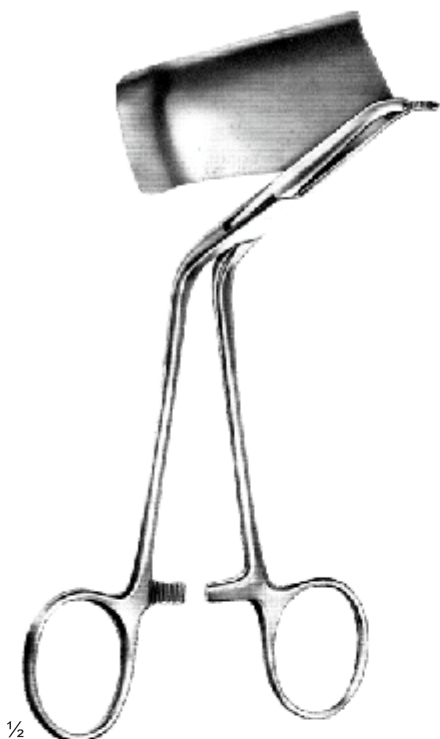
BI-451-014
23.5 cm
80 x 16 mm

Ramus Clamps, Channel Retractors

Ramus-Klammern, Kanal-Retraktoren

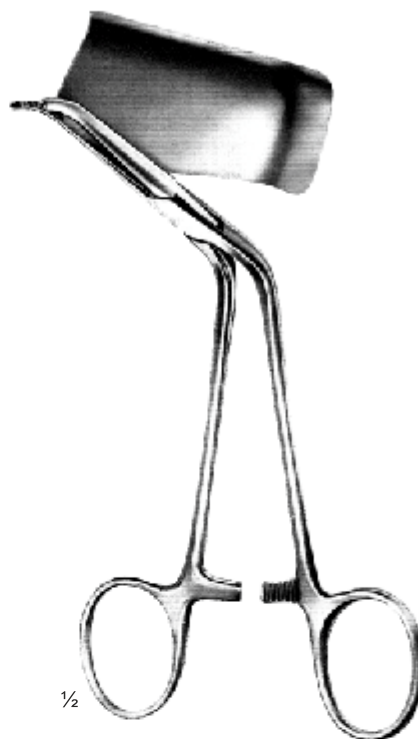
Grampos Ramus, Retratores de Canal

Ramus Clamps, Channel Retractors



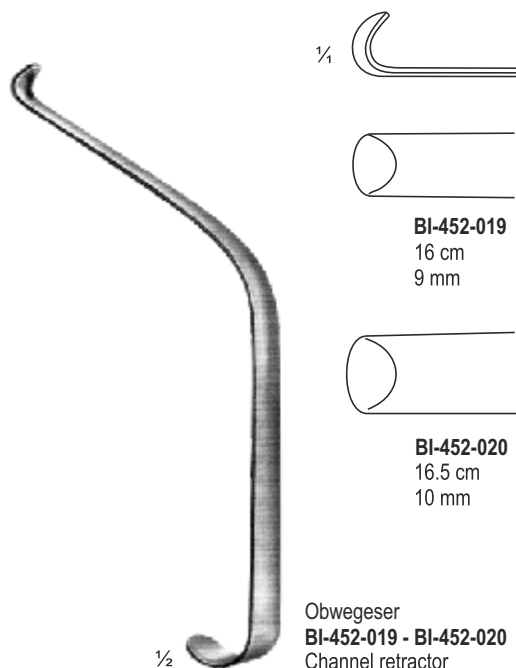
Obwegeser
BI-452-015
16.5 cm
Small pattern, right
Ramus clamp

Obwegeser
BI-452-016
17 cm
Large pattern, right
Ramus clamp



Obwegeser
BI-452-017
16.5 cm
Small pattern, Left
Ramus clamp

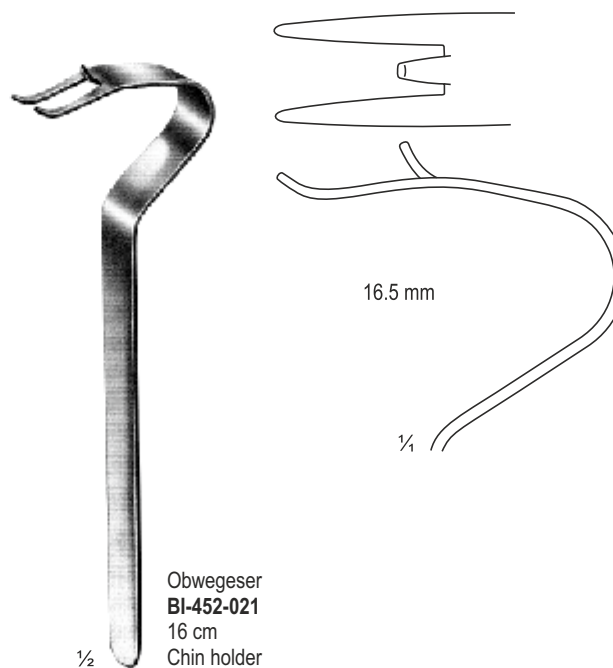
Obwegeser
BI-452-018
17 cm
Large pattern, Left
Ramus clamp



BI-452-019
16 cm
9 mm

BI-452-020
16.5 cm
10 mm

Obwegeser
BI-452-019 - BI-452-020
Channel retractor



Obwegeser
BI-452-021
16 cm
Chin holder

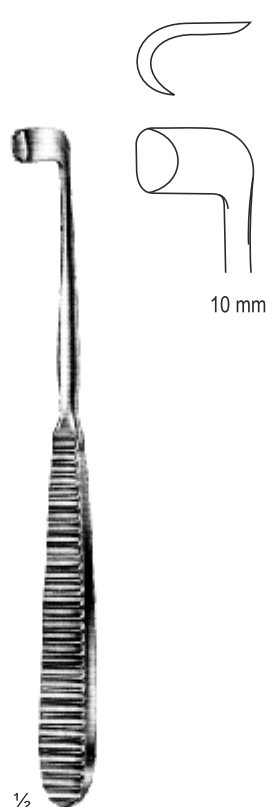
Mandibular Inferior Border Raspatories, Swallowtail Raspatories
 Unterkiefer Raspatories, Schwalbenschwanz Raspatories
 Raspatórios Inferior Mandibulares da Borda, Raspatórios Swallowtail
 Raspator de borde inferior mandibular, raspadores de cola de golondrina



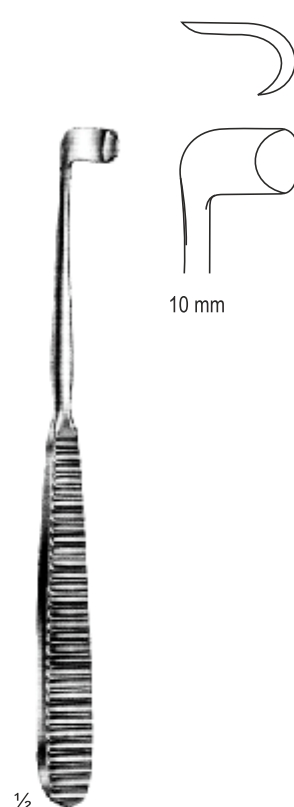
Obwegeser
BI-453-022
 21 cm
 Elevator



Obwegeser
BI-453-023
 21 cm
 Periosteal Elevator

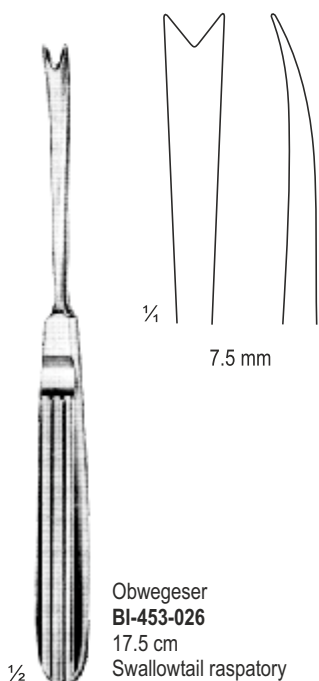


Obwegeser
BI-453-024
 18 cm
 Angled to left

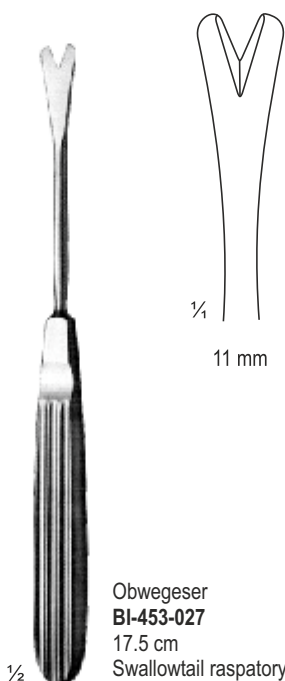


Obwegeser
BI-453-025
 18 cm
 Right to left

Mandibular inferior border raspatories



Obwegeser
BI-453-026
 17.5 cm
 Swallowtail raspatory



Obwegeser
BI-453-027
 17.5 cm
 Swallowtail raspatory

Wedge Osteotomes, Blade Osteotomes

Keil Osteotome, Blade Osteotome

Osteótomos de Cunha, Osteótomos de Lâmina

Osteótomos de cuña, osteótomos de cuchilla



1/2

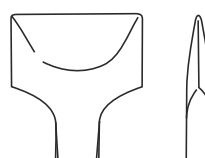
Obwegeser
BI-454-028 - BI-454-031
22.5 cm
Wedge osteotome



BI-454-028
8 mm



BI-454-029
12 mm



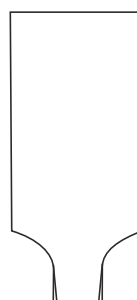
BI-454-031
16 mm



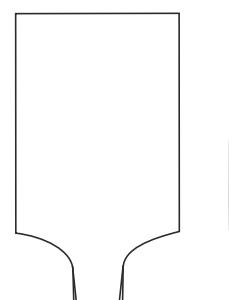
BI-454-032
8 mm



BI-454-033
12 mm



BI-454-034
16 mm



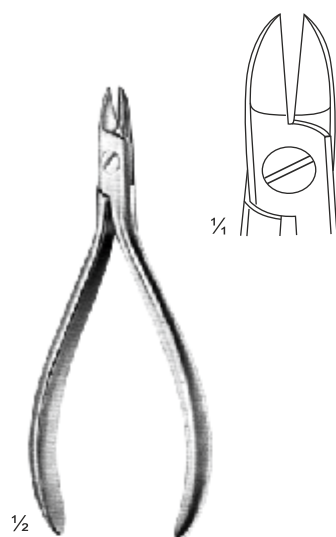
BI-454-035
20 mm



1/2

Obwegeser
BI-454-032 - BI-454-035
22.5 cm
Blade osteotome

Wire Cutter, Flat Nose Pliers, Wire Twisting Forceps
 Drahtschneider, Flachzange, Drahtzwirnzange
 Cortador De Fio, Alicates De Nariz Planos, Fórceps Torção De Fio
 Cortador de alambre, alicates de punta plana, pinzas de torsión de alambre



Obwegeser
BI-455-036
 12 cm
 Wire cutter



Obwegeser
BI-455-037 - BI-455-039
 Wire twisting forceps



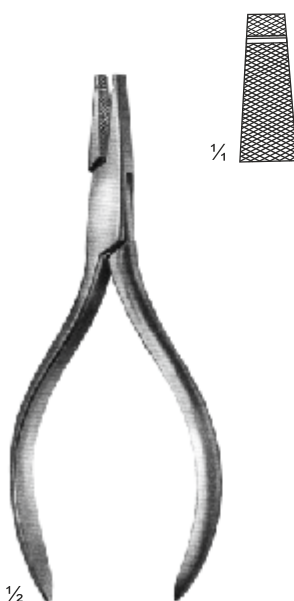
BI-455-037
 12.5 cm



BI-455-038
 13 cm



BI-455-039
 15 cm



Obwegeser
BI-455-040
 13 cm
 Flat nose pliers

TC GOLD



Obwegeser
BI-455-041 - BI-455-042
 13 cm
 Wire twisting forceps



BI-455-041



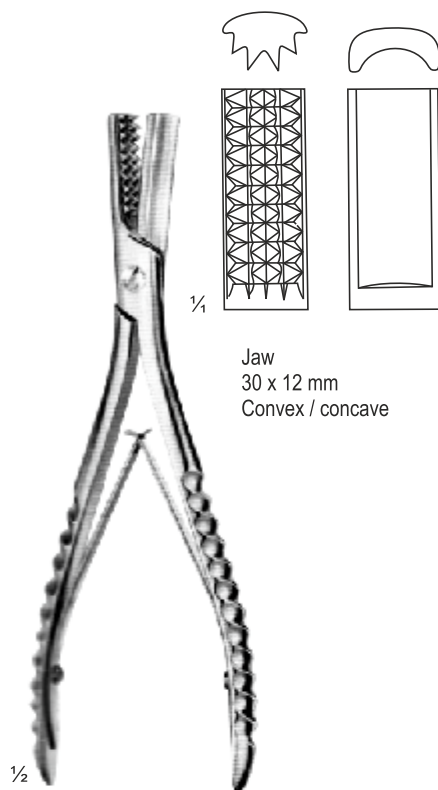
BI-455-042
 wide jaw

Bone Contouring Forceps, Skin Hooklet, Scalp Clamp

Bone Contouring Pinzetten, Skin Hooklet, Kopfhautklammer

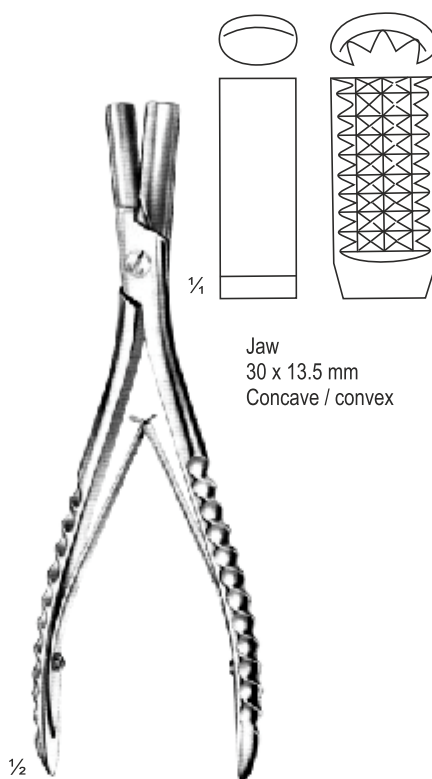
Pinça de contorno ósseo, gancho de pele, grampo do couro cabeludo

Pinzas para modelar huesos, gancho para la piel, pinza para el cuero cabelludo



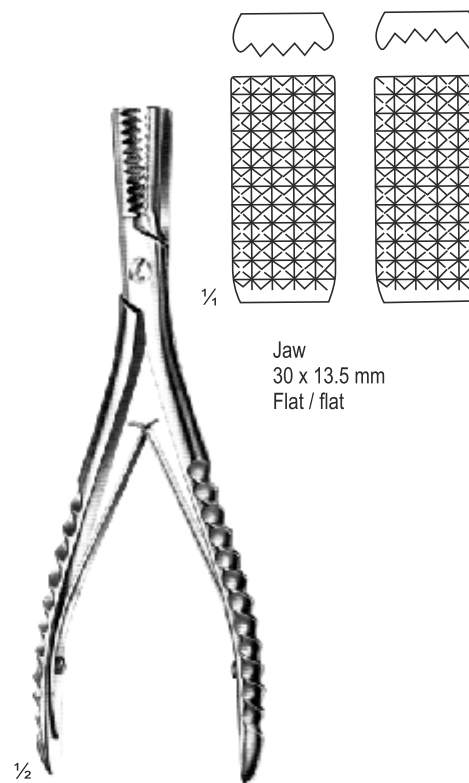
Jaw
30 x 12 mm
Convex / concave

Obwegeser
BI-456-043
18 cm
Bone contouring forceps



Jaw
30 x 13.5 mm
Concave / convex

Obwegeser
BI-456-044
18 cm
Bone contouring forceps



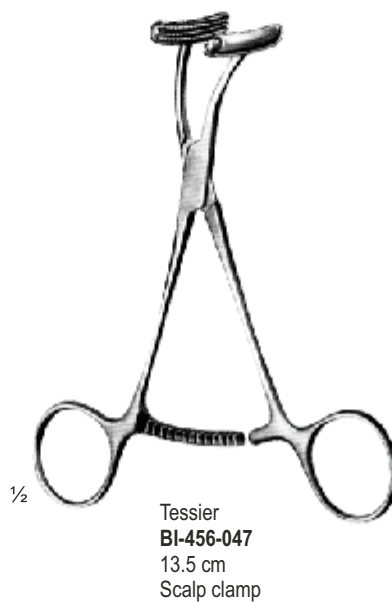
Jaw
30 x 13.5 mm
Flat / flat

Obwegeser
BI-456-045
18 cm
Bone contouring forceps



Tessier
BI-456-046
19 cm
Sharp
Skin hooklet

Atrauma



Tessier
BI-456-047
13.5 cm
Scalp clamp



1/2

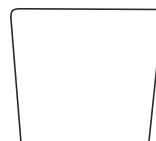
Tessier
BI-457-048 - BI-457-053
 20 cm
 for taking grafts from ilium and tibia



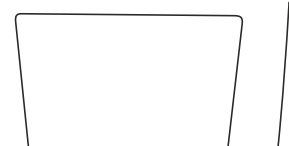
BI-457-048
 10 mm



BI-457-049
 15 mm



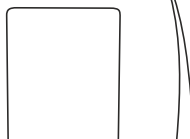
BI-457-050
 20 mm



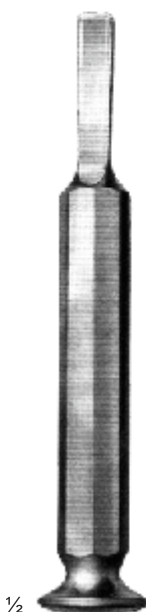
BI-457-051
 30 mm



BI-457-052
 10 mm



BI-457-053
 15 mm

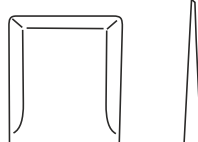


1/2

Tessier
BI-457-054 - BI-457-057
 16 cm
 For taking grafts from the calva



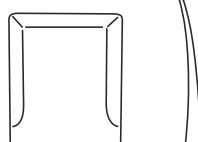
BI-457-054
 10 mm



BI-457-055
 15 mm



BI-457-056
 10 mm



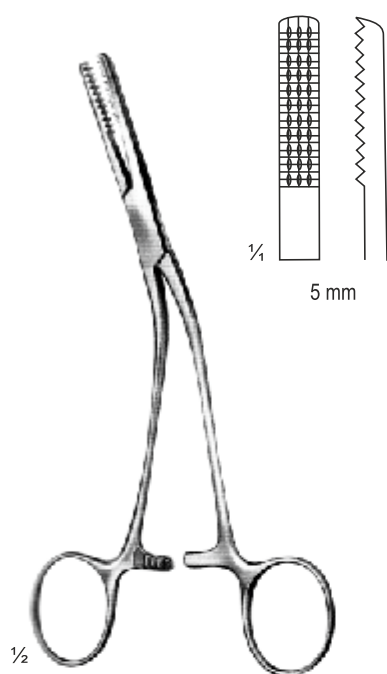
BI-457-057
 15 mm

Bone Holding Forceps, Bone Cutting Forceps

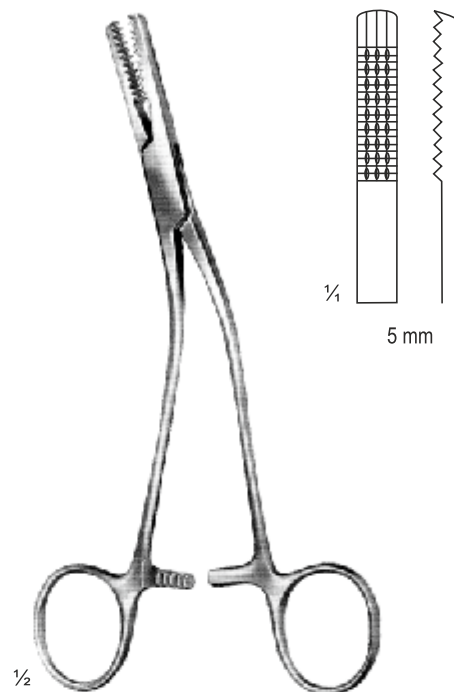
Knochenhaltezeange, Knochenschneidezange

Fórceps de soporte óseo, Fórceps de corte óseo

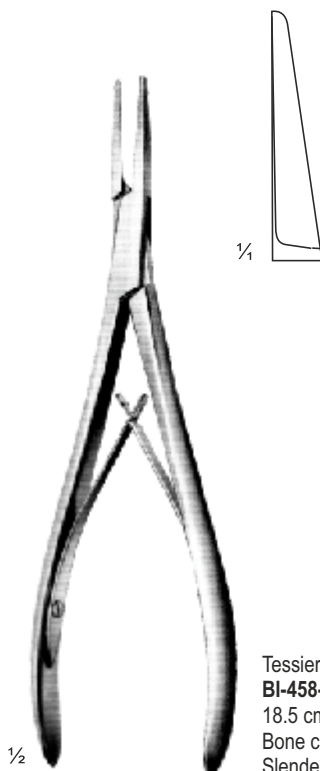
Fórceps de sujeción de hueso, fórceps de corte de hueso



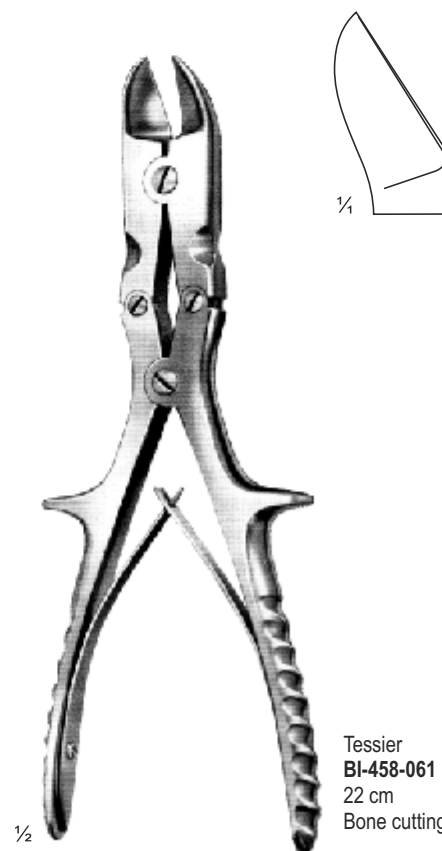
Tessier
BI-458-058
16.5 cm
Bone holding forcep



Tessier
BI-458-059
18 cm
Bone holding forcep



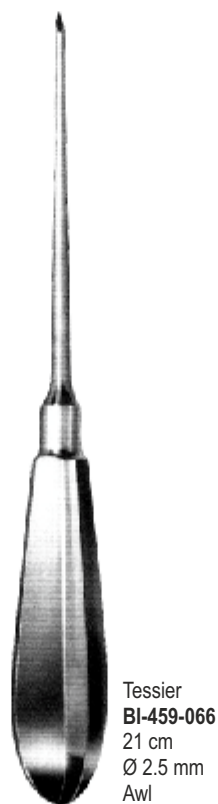
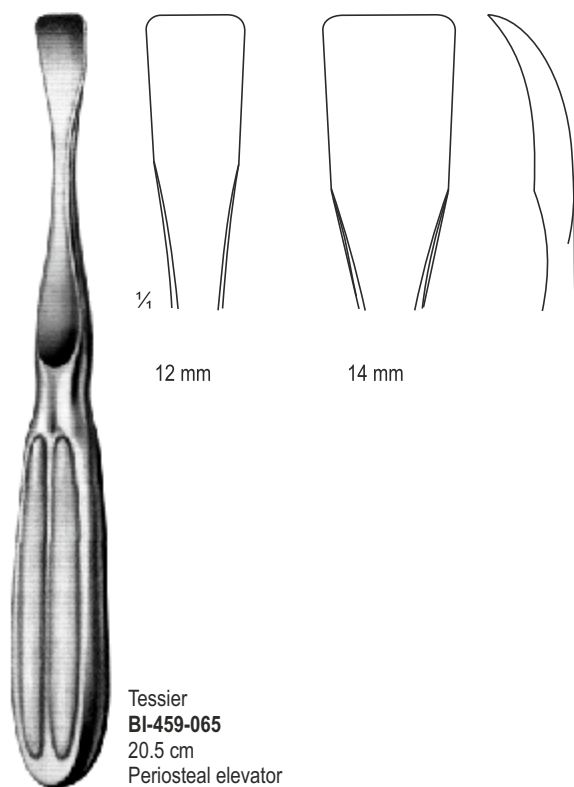
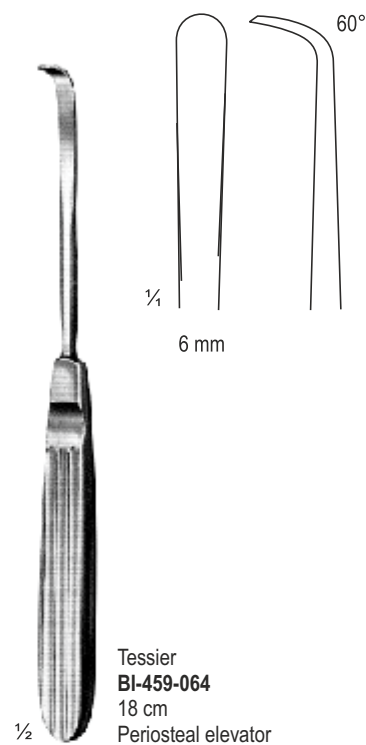
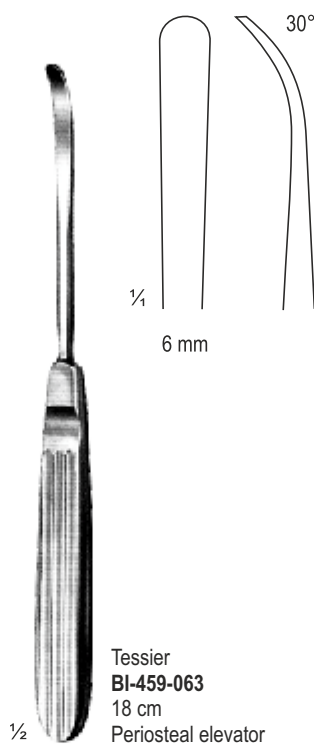
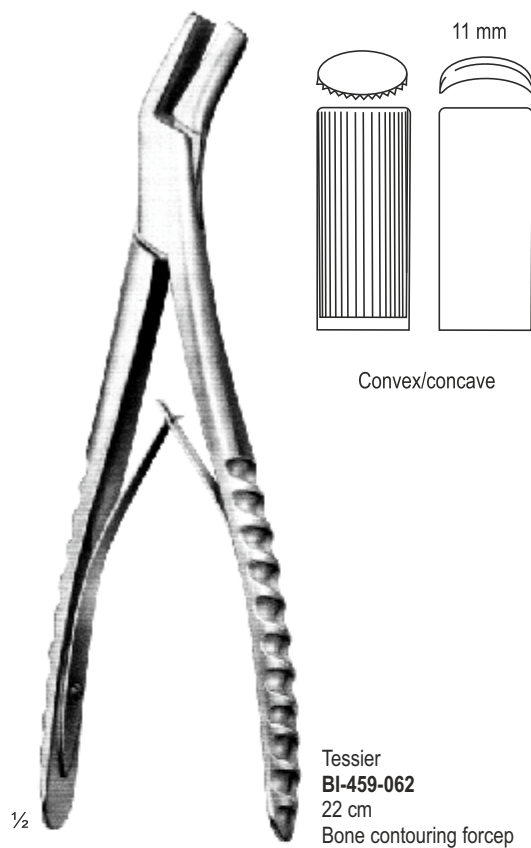
Tessier
BI-458-060
18.5 cm
Bone cutting forcep
Slender pattern



Tessier
BI-458-061
22 cm
Bone cutting forcep

Bone Contouring Forceps, Periosteal Elevators, Awls

Bone Contouring Forceps, Periosteal Elevators, Ahlen
 Pinça de Contorno dos Ossos, Elevadores Periosteais, Lâminas
 Pinzas para contornear óseas, elevadores periósticos, punzones

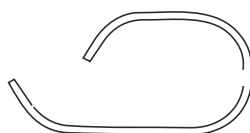


Soft Tissue Retractors

Weichteil-Reraktoren

Retradores de tejidos moles

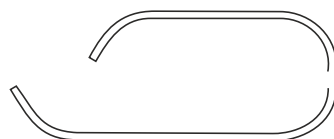
Retradores de tejidos blandos



BI-460-070

15 cm

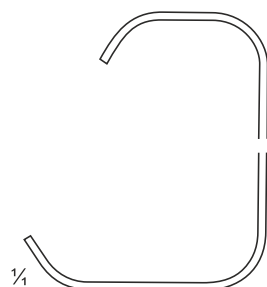
20 x 13 / 30 x 15 mm



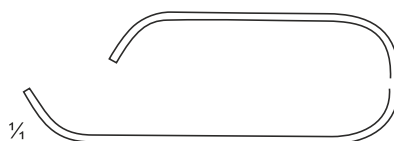
BI-460-071

15.5 cm

28 x 13 / 36 x 15 mm



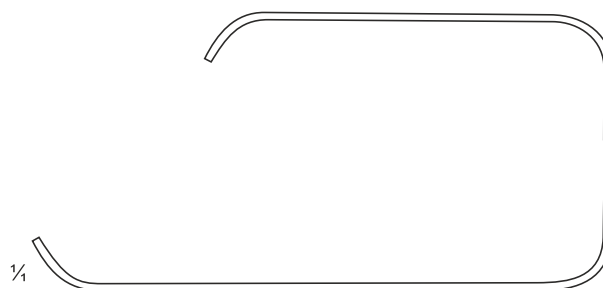
19 x 7 / 29 x 10 mm



BI-460-072

15.5 cm

33 x 12 / 43 x 15 mm



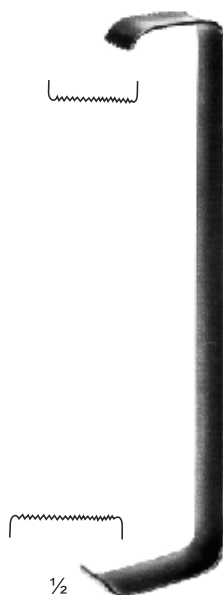
50 x 12 / 68 x 16 mm



Tessier
BI-460-069

15 cm

Black chromium-plated



Tessier
BI-460-070 - BI-460-072

Black chromium-plated



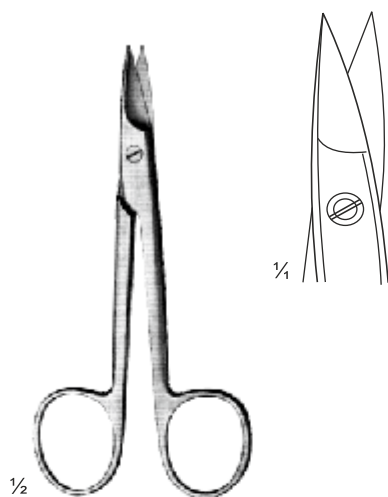
Tessier
BI-460-073

16 cm

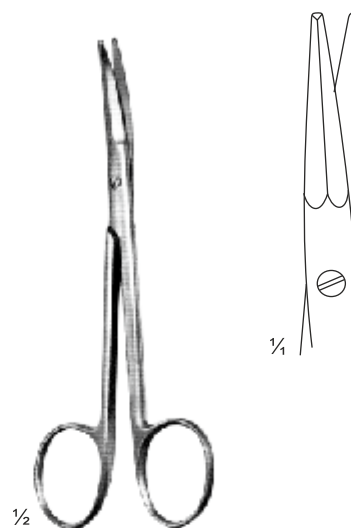
Black chromium-plated

Dissecting Scissors, Wire Cutting Scissors

Präparierschere, Schneidedrahtschere
Tesoura de dissecação, tesoura de corte de arame
Tijeras de disección, tijeras de corte de alambre

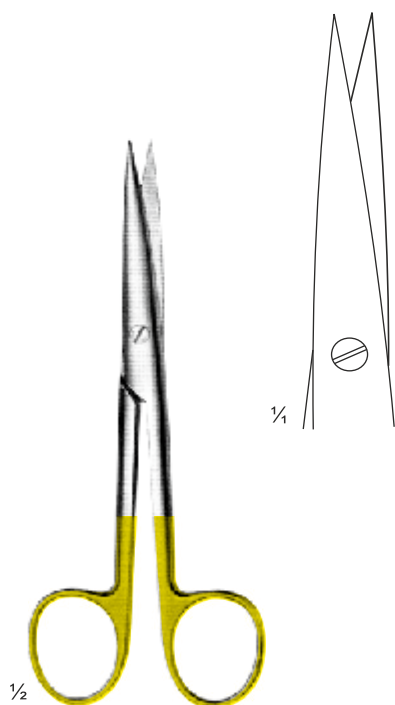


Tessier
BI-461-074
12 cm
Wire cutting scissors

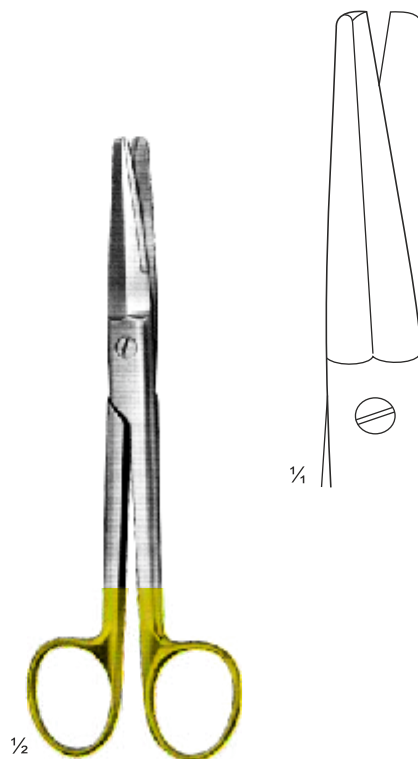


Tessier
BI-461-075
13 cm
Undermining scissors

TC GOLD



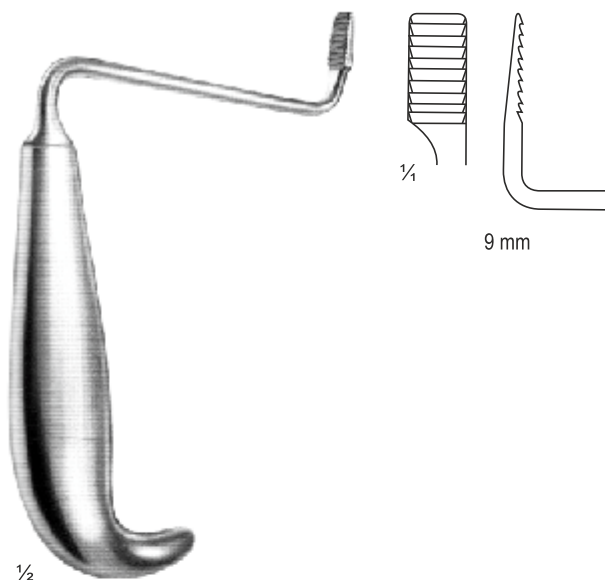
Tessier
BI-461-076
15 cm
Dissecting scissors



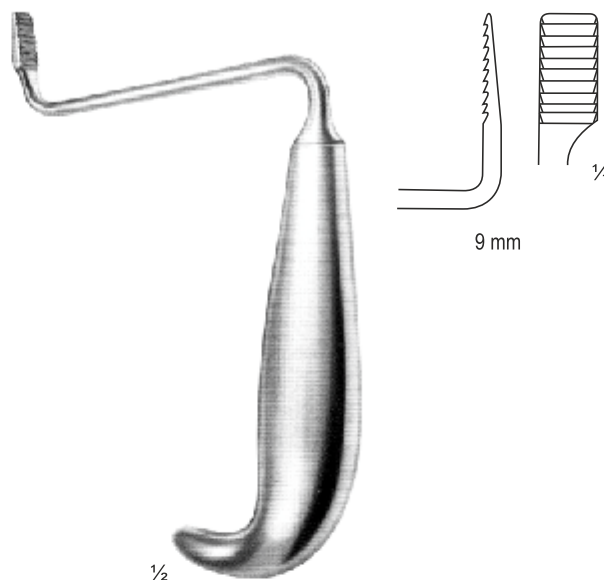
Tessier
BI-461-077
16.5 cm
Dissecting scissors

Mobilizing Retractors, Periosteal Elevators

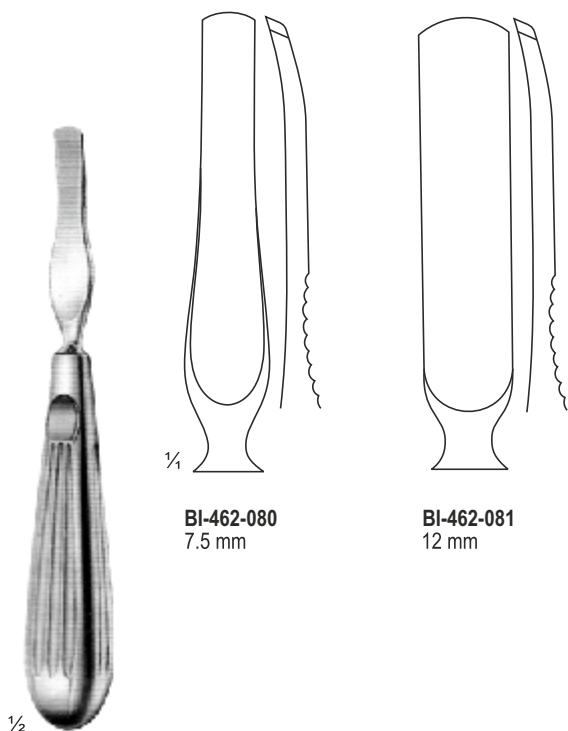
Retraktoren mobilisieren, Periostale Aufzüge
Retratores de Mobilização, Elevadores Periosteais
Retradores movilizadores, elevadores periósticos



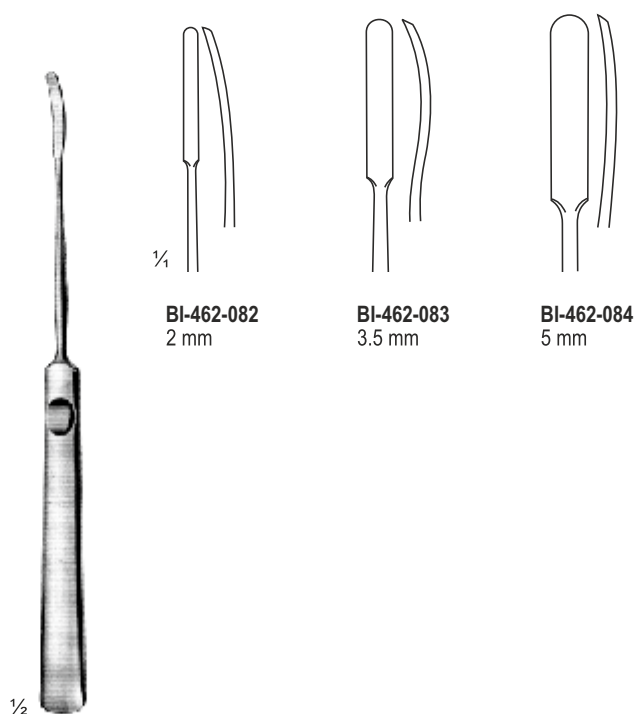
Tessier
BI-462-078
15 cm
Right
Mobilizing retractor



Tessier
BI-462-079
15 cm
Left
Mobilizing retractor



Marchac
BI-462-080 - BI-462-081
16 cm
Periosteal elevator



Marchac
BI-462-082 - BI-462-084
17 cm
Periosteal elevator

Suction Dissector, Osteotomes
Saug-Dissector, Osteotome
Dissipador de Sucção, Osteótomos
Disector de Succión, Osteótomos



Marchac
BI-463-085
19 cm
Suction Dissector



Marchac
BI-463-086 - BI-463-088
18.5 cm
Osteotome



BI-463-086
4 mm



BI-463-087
6 mm



BI-463-088
8 mm



8 mm



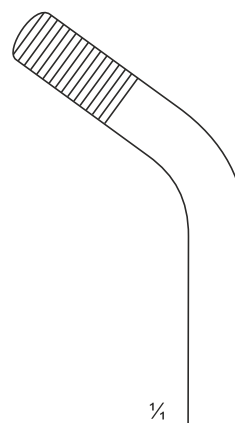
Marchac
BI-463-089
18.5 cm
Osteotome



Marchac
BI-463-090
20 cm
Bone hook



1/4



Marchac
BI-463-091
17.5 cm
Bone expander

1/2

1/4



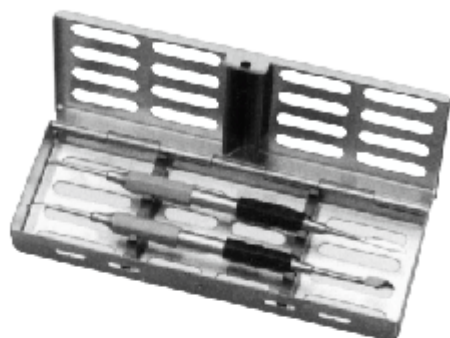
Holloware

Holloware

Holloware

Holloware

Page 465-477



Chico

Stainless Steel for 5 instruments

BI-465-001

180 x 60 x 22 mm



Medio

Stainless Steel for 10 instruments

BI-465-002

180 x 125 x 22 mm



Maxi

Stainless Steel for 20 instruments

BI-465-003

280 x 180 x 25 mm



Maxi Set 1

Stainless Steel rack for 15 instruments

BI-465-004

288 x 187 x 40 mm

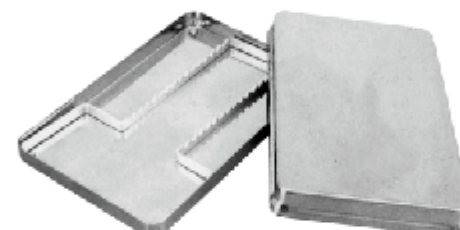


Maxi Set 2

Stainless Steel for 15 instruments

BI-465-005

288 x 187 x 40 mm

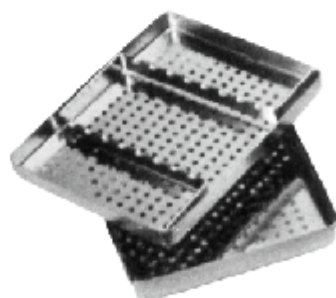


Maxi Set 3

Stainless Steel for 15 instruments

BI-465-006

288 x 187 x 40 mm

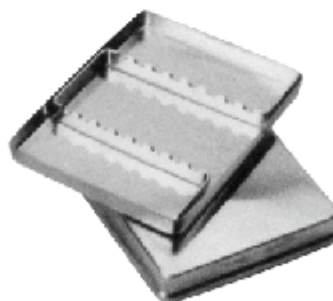


Medio

Stainless Steel Perforated Tray with cover

BI-465-007

187 x 145 x 25 mm



Medio

Stainless Steel Solid Tray with cover

BI-465-008

187 x 145 x 25 mm



Burs Disinfecting Box Stainless Steel

BI-465-009

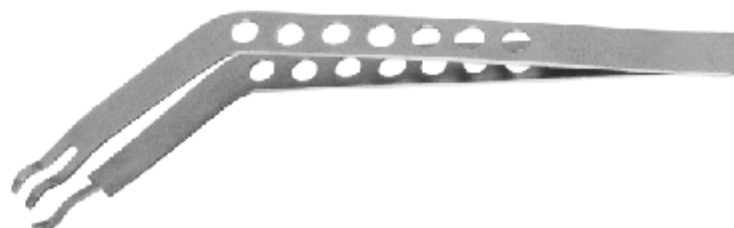
90 mm x 40 mm



Mesh Burs Holder

BI-465-010

35 mm x 150 mm



BI-465-011

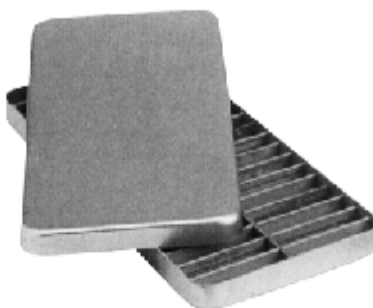
Bur Holding Tweezer 16.5 cm

Perforated Box, Kidney Trays, Endodontic Trays, Lester Pumice Cup
 Perforierte Box, Nierenschalen, Endodontische Schalen, Lester Bimsstein Cup
 Caixa Perfurada, Bandejas Renais, Bandejas Endodônticas, Lester Pumice Cup
 Caja perforada, bandejas de riñón, bandejas de endodoncia, taza de pómez Lester



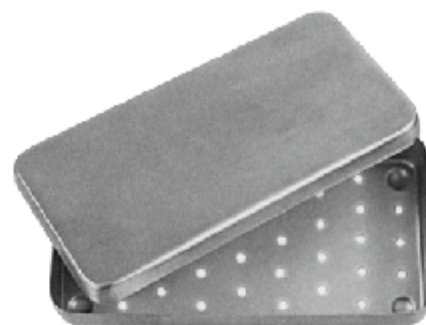
Perforated Instruments Boxes

BI-466-012	170 x 070 x 35 mm
BI-466-013	180 x 080 x 40 mm
BI-466-014	200 x 100 x 40 mm
BI-466-015	200 x 100 x 50 mm
BI-466-016	200 x 100 x 60 mm
BI-466-017	220 x 120 x 60 mm
BI-466-018	250 x 120 x 60 mm
BI-466-019	300 x 150 x 60 mm
BI-466-020	300 x 200 x 80 mm
BI-466-021	400 x 160 x 80 mm
BI-466-022	400 x 200 x 100 mm
BI-466-023	500 x 200 x 120 mm



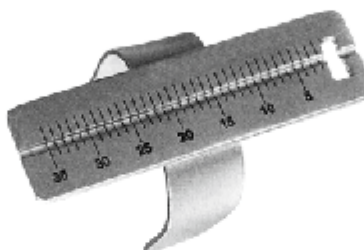
Stainless Steel endodontic tray with cover

BI-466-024	250 x 115 x 15 mm
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Instrument Box perforated

BI-466-025	180 x 90 x 30 mm
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BI-466-026 Endometer Laser etched



Lester Pumice Cup

BI-466-027	30 mm
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Kidney Trays With LID

	dia.
BI-466-028	150 mm
BI-466-029	200 mm
BI-466-030	250 mm
BI-466-031	300 mm



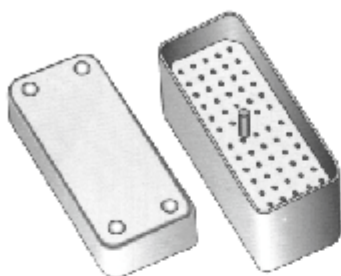
Kidney Trays

	dia.
BI-466-032	130 mm
BI-466-033	150 mm
BI-466-034	180 mm
BI-466-035	200 mm
BI-466-036	230 mm
BI-466-037	250 mm
BI-466-038	280 mm
BI-466-039	300 mm
BI-466-040	350 mm



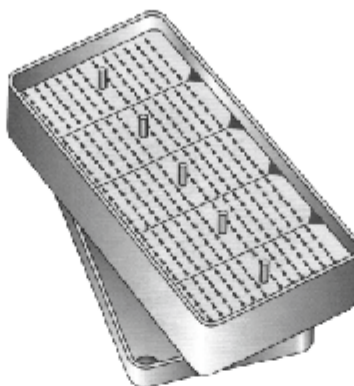
Kidney Trays Shallow

	dia.
BI-466-041	150 mm
BI-466-042	200 mm
BI-466-043	250 mm
BI-466-044	300 mm
BI-466-045	350 mm



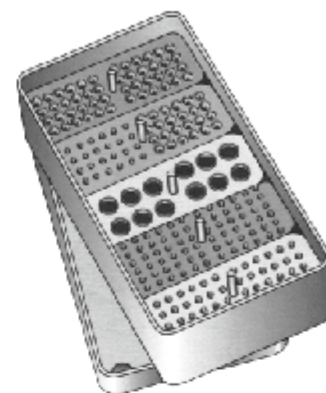
Dimensions

BI-467-046 104 x 44 x 54 mm



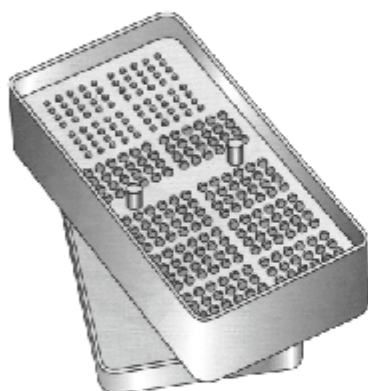
Lid-Dimensions

BI-467-047 204 x 105 x 54 mm



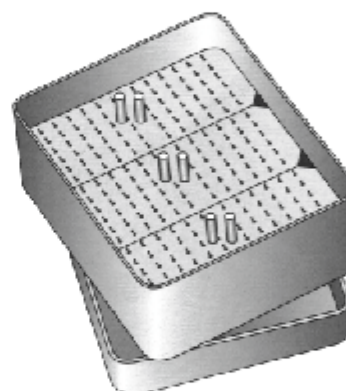
Lid-Dimensions

BI-467-048 204 x 105 x 54 mm



Lid-Dimensions

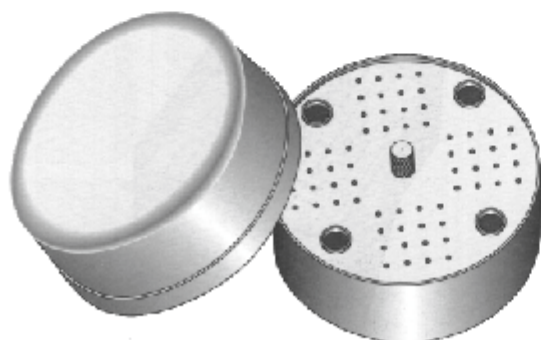
BI-467-049 204 x 105 x 54 mm



Lid-Dimensions

BI-467-050 125 x 105 x 54 mm

Cotton Dispensers Stainless Steel



BI-467-051
Round Aluminium Endodontic Boxes, Complete With Lid
Dimensions = 94 mm
Height = 70 mm



BI-467-052

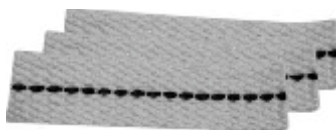


BI-467-053

Spirit Lamps, Forceps Jars, Dressing Jars
 Spiritus Lampen, Pinzetten Gläser, Dressing Gläser
 Lâmpadas De Espíritos, Frascos De Fórceps, Jarros De Vestir
 Lámparas de alcohol, frascos de fórceps, frascos de apósito


BI-468-054 Spirit Lamp 120 cc

BI-468-055 Spirit Lamp 120 cc

BI-468-056 Spirit Lamp 120 cc

BI-468-057 Spare wicks Flat 13 cm (pack of 5)

BI-468-058 Spare wicks Round 13c m (pack of 5)

Forceps Jars

	dia.	height
BI-468-059	30	x 90 mm
BI-468-060	50	x 100 mm
BI-468-061	50	x 130 mm
BI-468-062	50	x 175 mm
BI-468-063	75	x 100 mm
BI-468-064	75	x 130 mm
BI-468-065	75	x 175 mm
BI-468-066	100	x 175 mm
BI-468-067	100	x 200 mm


Dressing Jars With Lid & Knob

	dia.	height
BI-468-068	75 mm	x 60 mm
BI-468-069	75 mm	x 75 mm
BI-468-070	100 mm	x 60 mm
BI-468-071	100 mm	x 100 mm
BI-468-072	125 mm	x 80 mm
BI-468-073	125 mm	x 125 mm
BI-468-074	150 mm	x 150 mm


Dressing Jars / Cotton Containers

	dia.	height
BI-468-075	80	x 60 mm
BI-468-076	80	x 80 mm
BI-468-077	100	x 60 mm
BI-468-078	100	x 80 mm
BI-468-079	100	x 100 mm
BI-468-080	120	x 80 mm
BI-468-081	120	x 100 mm
BI-468-082	120	x 120 mm
BI-468-083	150	x 100 mm
BI-468-084	150	x 150 mm
BI-468-085	180	x 150 mm
BI-468-086	180	x 180 mm
BI-468-087	200	x 200 mm
BI-468-088	240	x 240 mm

Bowls, Gallipots, Wash Basins, Medicine Cups

Schüsseln, Gallipots, Waschbecken, Medizinbecher

Tigelas, Gallipots, lavatórios, copos de medicina

Cuencos, Gallipots, lavabos, tazas de medicinas



Gallipot		
		vol.
BI-469-088	2 oz	60 ml
BI-469-089	3 oz	90 ml
BI-469-090	4 oz	120 ml
BI-469-091	6 oz	180 ml
BI-469-092	8 oz	240 ml
BI-469-093	10 oz	300 ml
BI-469-094	12 oz	360 ml
BI-469-095	16 oz	480 ml
BI-469-096	18 oz	540 ml
BI-469-097	22 oz	660 ml
BI-469-098	28 oz	840 ml
BI-469-099	36 oz	1080 ml



Stainless Steel Round Bowls / Lotion Bowls			
	dia.	height	vol.
BI-469-100	Ø 40 mm	x 19 mm	0.05L
BI-469-101	Ø 60 mm	x 30 mm	0.07L
BI-469-102	Ø 80 mm	x 40 mm	0.14L
BI-469-103	Ø 100 mm	x 50 mm	0.35L
BI-469-104	Ø 120 mm	x 60 mm	0.45L
BI-469-105	Ø 150 mm	x 70 mm	0.70L
BI-469-106	Ø 180 mm	x 90 mm	1.10L
BI-469-107	Ø 200 mm	x 100 mm	1.60L



Stainless Steel Bowls			
	dia.	height	vol.
BI-469-108	Ø 40 mm	x 19 mm	0.05L
BI-469-109	Ø 60 mm	x 30 mm	0.07L
BI-469-110	Ø 80 mm	x 40 mm	0.14L
BI-469-111	Ø 100 mm	x 50 mm	0.35L
BI-469-112	Ø 120 mm	x 60 mm	0.45L
BI-469-113	Ø 150 mm	x 70 mm	0.70L
BI-469-114	Ø 180 mm	x 90 mm	1.10L
BI-469-115	Ø 200 mm	x 100 mm	1.60L



Wash Basins	
	dia.
BI-469-116	300 mm
BI-469-117	320 mm
BI-469-118	350 mm
BI-469-119	400 mm
BI-469-120	450 mm



Medicine Cup	
	dia. height
BI-469-121	80 x 35 mm
BI-469-122	125 x 60 mm
BI-469-123	160 x 60 mm
BI-469-124	180 x 70 mm
BI-469-125	200 x 70 mm
BI-469-126	300 x 120 mm

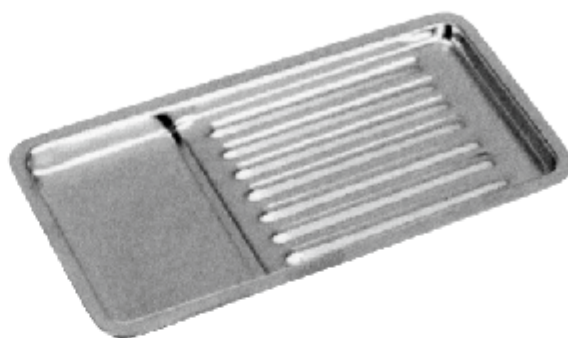


Medicine Cup (Graduated)	
Size (mm)	Cap.(ml)
BI-469-127	2 Oz. 60 ml



Scalers Trays

BI-470-128	190 x 100 x 17 mm
BI-470-129	200 x 100 x 25 mm



Scalers Trays

BI-470-130	185 x 80 x 15 mm
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Instruments Trays With LID

BI-470-131	150 x 100 x 50 mm
BI-470-132	200 x 100 x 50 mm
BI-470-133	220 x 120 x 50 mm
BI-470-134	240 x 140 x 50 mm
BI-470-135	200 x 150 x 50 mm
BI-470-136	250 x 200 x 50 mm
BI-470-137	300 x 250 x 50 mm
BI-470-138	300 x 200 x 50 mm
BI-470-139	350 x 250 x 50 mm
BI-470-140	400 x 300 x 50 mm
BI-470-141	450 x 300 x 50 mm
BI-470-142	450 x 350 x 50 mm



Instruments Trays Without LID

BI-470-143	150 x 100 x 50 mm
BI-470-144	200 x 100 x 50 mm
BI-470-145	220 x 120 x 50 mm
BI-470-146	240 x 140 x 50 mm
BI-470-147	200 x 150 x 50 mm
BI-470-148	250 x 200 x 50 mm
BI-470-149	300 x 250 x 50 mm
BI-470-150	300 x 200 x 50 mm
BI-470-151	350 x 250 x 50 mm
BI-470-152	400 x 300 x 50 mm
BI-470-153	450 x 300 x 50 mm
BI-470-154	450 x 350 x 50 mm



Flat Instruments Trays / Mayo Trays

BI-471-155	210 x 160 x 10 mm
BI-471-156	240 x 180 x 10 mm
BI-471-157	310 x 150 x 10 mm
BI-471-158	310 x 210 x 10 mm
BI-471-159	350 x 240 x 10 mm
BI-471-160	400 x 300 x 10 mm
BI-471-161	450 x 300 x 10 mm

Mayo Trays Perforated

BI-471-162	210 x 160 x 10 mm
BI-471-163	240 x 180 x 10 mm
BI-471-164	310 x 150 x 10 mm
BI-471-165	310 x 210 x 10 mm
BI-471-166	350 x 240 x 10 mm
BI-471-167	400 x 300 x 10 mm
BI-471-168	450 x 300 x 10 mm



DIN Baskets perforated sides

BI-471-169	240 x 240 x 50 mm
BI-471-170	240 x 240 x 100 mm
BI-471-171	480 x 260 x 50 mm
BI-471-172	520 x 260 x 80 mm
BI-471-173	520 x 260 x 100 mm

Wiremesh Baskets perforated

BI-471-174	240 x 240 x 50 mm
BI-471-175	260 x 240 x 100 mm
BI-471-176	480 x 260 x 50 mm
BI-471-177	520 x 260 x 80 mm
BI-471-178	520 x 260 x 100 mm

Instruments Boxes, Electric / Non-Electric Sterilizers

Instrumentenboxen, elektrische / nichtelektrische Sterilisatoren

Caixas de instrumentos, esterilizadores elétricos / não elétricos

Cajas de instrumentos, esterilizadores eléctricos / no eléctricos



Instrument Boxes With Side Handle

BI-472-179	150 x 100 x 50 mm
BI-472-180	200 x 100 x 50 mm
BI-472-181	220 x 120 x 50 mm
BI-472-182	240 x 140 x 50 mm
BI-472-183	200 x 150 x 50 mm
BI-472-184	250 x 200 x 50 mm
BI-472-185	300 x 200 x 50 mm
BI-472-186	300 x 250 x 50 mm
BI-472-187	400 x 300 x 50 mm
BI-472-188	450 x 300 x 50 mm
BI-472-189	450 x 350 x 50 mm



Instrument Boxes With LID

BI-472-190	150 x 100 x 50 mm
BI-472-191	200 x 100 x 50 mm
BI-472-192	220 x 120 x 50 mm
BI-472-193	240 x 140 x 50 mm
BI-472-194	200 x 150 x 50 mm
BI-472-195	250 x 200 x 50 mm
BI-472-196	300 x 200 x 50 mm
BI-472-197	300 x 250 x 50 mm
BI-472-198	400 x 300 x 50 mm
BI-472-199	450 x 350 x 50 mm
BI-472-200	500 x 200 x 70 mm



Non-Electric Sterilizer

BI-472-201	170 x 070 x 35 mm
BI-472-202	180 x 080 x 40 mm
BI-472-203	200 x 100 x 40 mm
BI-472-204	200 x 100 x 50 mm
BI-472-205	200 x 100 x 60 mm
BI-472-206	220 x 120 x 60 mm
BI-472-207	250 x 120 x 60 mm
BI-472-208	300 x 150 x 60 mm
BI-472-209	300 x 200 x 80 mm
BI-472-210	400 x 160 x 80 mm
BI-472-211	400 x 200 x 100 mm
BI-472-212	500 x 200 x 120 mm



Electric Sterilizer

BI-472-213	170 x 070 x 35 mm
BI-472-214	180 x 080 x 40 mm
BI-472-215	200 x 100 x 40 mm
BI-472-216	200 x 100 x 50 mm
BI-472-217	200 x 100 x 60 mm
BI-472-218	220 x 120 x 60 mm
BI-472-219	250 x 120 x 60 mm
BI-472-220	300 x 150 x 60 mm
BI-472-221	300 x 200 x 80 mm
BI-472-222	400 x 160 x 80 mm
BI-472-223	400 x 200 x 100 mm
BI-472-224	500 x 200 x 120 mm

Instruments Boxes, Catheter Trays, Thermometer Jars, Sterilizing Forceps

Instrumentenboxen, Katheterschalen, Thermometergläser, Sterilisationszangen

Caixas de instrumentos, bandejas de cateter, frascos de termômetro, fórceps de esterilização

Cajas de Instrumentos, Bandejas de Catéter, Frascos de Termómetro, Pinzas de Esterilización



Instruments Boxes Perforated

BI-473-225	180 x 80 x 30 mm
BI-473-226	180 x 80 x 40 mm
BI-473-227	180 x 80 x 50 mm
BI-473-228	200 x 100 x 30 mm
BI-473-229	200 x 100 x 40 mm
BI-473-230	200 x 100 x 50 mm
BI-473-231	250 x 120 x 40 mm
BI-473-232	250 x 120 x 50 mm
BI-473-233	250 x 120 x 60 mm



Catheter trays with cover

BI-473-234	200 x 60 x 40 mm
BI-473-235	200 x 90 x 40 mm
BI-473-236	320 x 95 x 50 mm
BI-473-237	365 x 90 x 50 mm
BI-473-238	440 x 115 x 50 mm



Instruments Boxes With Filters

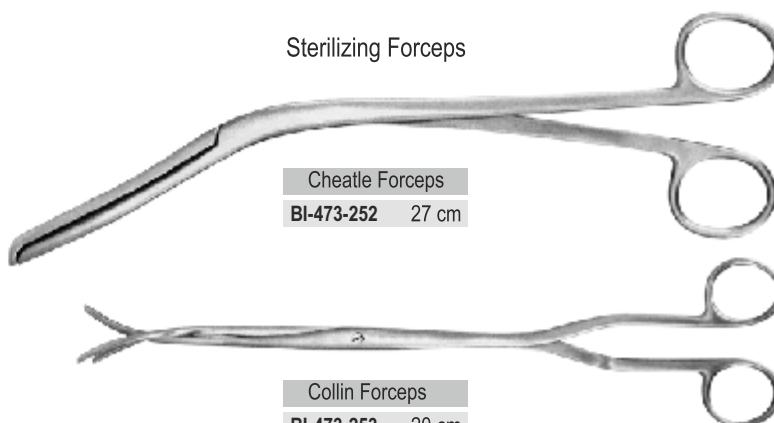
BI-473-239	170 x 070 x 35 mm
BI-473-240	180 x 080 x 40 mm
BI-473-241	200 x 100 x 40 mm
BI-473-242	200 x 100 x 50 mm
BI-473-243	200 x 100 x 60 mm
BI-473-244	220 x 120 x 60 mm
BI-473-245	250 x 120 x 60 mm
BI-473-246	300 x 150 x 60 mm
BI-473-247	300 x 200 x 80 mm
BI-473-248	400 x 160 x 80 mm
BI-473-249	400 x 200 x 100 mm
BI-473-250	500 x 200 x 120 mm



Thermometer Jar

	dia. height
BI-473-251	Ø 25 x 100 mm

Sterilizing Forceps



Cheattle Forceps

BI-473-252 27 cm

Collin Forceps

BI-473-253 20 cm

Needle Cases, Petri Dishes, Funnels
 Needle Cases, Petrischalen, Trichter
 Casos De Agulhas, Platos De Petri, Funis
 Estuches de agujas, placas de Petri, embudos de conversión



Needle Case

BI-474-254 210 x 125 x 17 mm


Needle Case Sauerbruch

BI-474-255 210 x 125 x 17 mm

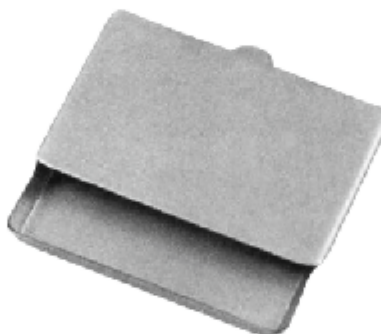

Needle Case

BI-474-256 150 x 90 x 10 mm


Needle Cases Perforated

BI-474-257 50 x 25 x 4.5 mm

BI-474-258 65 x 42 x 8 mm

BI-474-259 75 x 25 x 4.5 mm


Needle Cases Plain

BI-474-260 50 x 25 x 4.5 mm

BI-474-261 65 x 42 x 8 mm

BI-474-262 75 x 25 x 4.5 mm

BI-474-263 Needle Case Complete


Funnels

	dia.
BI-474-264	100 mm
BI-474-265	120 mm
BI-474-266	150 mm
BI-474-267	200 mm
BI-474-268	240 mm



Petri Dishes

	Dia. x Height
BI-474-269	60 x 20 mm
BI-474-270	90 x 15 mm
BI-474-271	100 x 20 mm
BI-474-272	120 x 20 mm



Urinal Jugs

BI-475-273	Horizontal	115 x 230 mm
BI-475-274	Vertical Junior	95 x 205 mm
BI-475-275	Vertical Adult	100 x 225 mm



BI-475-276

Male Urinal



BI-475-277

Urinal Female

1200 ml



Bedpan

	dia.
BI-475-278	235 mm
BI-475-279	320 mm



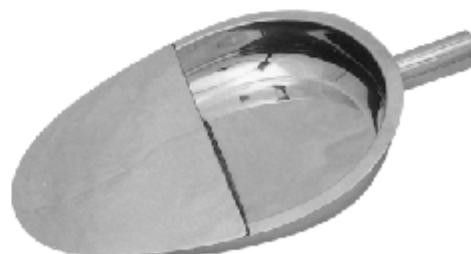
Bedpan

	dia.
BI-475-280	235 mm
BI-475-281	320 mm



Bedpan

BI-475-282	300 x 235 x 72 mm
BI-475-283	400 x 255 x 90 mm



BI-475-284

Bedpan Simple

Bedpans, Sterilizing Drums, Compartment Trays
 Bettpfannen, Sterilisiertrommeln, Abteiltabletts
 Bedpans, Esterilizadores, Bandejas de Compartimento
 Cubrecamas, tambores esterilizadores, bandejas compartimentadas



Compartmental Tray

BI-476-285 390 x 290 x 20 mm



Sterilizing Drums

	Dia. x Height	
BI-476-290	Ø 80	x 80 mm
BI-476-291	Ø 105	x 120 mm
BI-476-292	Ø 140	x 140 mm
BI-476-293	Ø 160	x 120 mm
BI-476-294	Ø 160	x 150 mm
BI-476-295	Ø 190	x 150 mm
BI-476-296	Ø 190	x 190 mm
BI-476-297	Ø 240	x 160 mm
BI-476-298	Ø 240	x 240 mm
BI-476-299	Ø 290	x 160 mm
BI-476-300	Ø 290	x 240 mm
BI-476-301	Ø 340	x 160 mm
BI-476-302	Ø 340	x 340 mm
BI-476-303	Ø 390	x 190 mm
BI-476-304	Ø 380	x 290 mm



American Pattern Bed Pan Adult

BI-476-286 355 x 290 x 110 x 55 mm

BI-476-287 308 x 80 x 80 x 45 mm

American Pattern Bed Pan Adult With Lid

BI-476-288 355 x 290 x 110 x 55 mm

BI-476-289 308 x 80 x 80 x 45 mm



Dissecting Kits

Kits zerlegen

Kits de Dissecação

Kits de disección

Page 478-480



Dissecting Kit - Set of 9 Pcs

BI-478-001

- Probe 14 cm
- Scalpel Handle 15 cm
- Scalpel Handle 15 cm
- Butterfly probe
- Dressing Forceps 13 cm
- Kocher Forceps 13 cm
- Dressing Scissor S/B Str 13 cm
- Dressing Scissor S/B Cvd 13 cm
- Needle Holder Forceps 13 cm

Dissecting Kit - Set of 9 Pcs

BI-478-002

- Butterfly probe
- Probe 14 cm
- Needle Holder Forceps 14 cm
- Scalpel Handle # 3
- Scalpel Handle # 4
- Dressing Scissor S/B Str 14 cm
- Dressing Scissor S/B Cvd 14 cm
- Dressing Forceps 14 cm
- Kocher Forceps 1x2 Teeth 14 cm



Dissecting Kit - Set of 13 Pcs

BI-478-003

- Frazier Hook 15 cm
- Scalpel Handle 15 cm
- Scalpel Handle 15 cm
- Scalpel Handle # 3 (Scalling Engraved)
- Dressing Forceps 13 cm
- Butterfly Probe
- Probe Scissor Str 14 cm
- Probe 14 cm
- Scalpel Blade # 10 (5 Pcs)

Dissecting Kits

Kits zerlegen
Kits de Dissecção
Kits de disección



Dissecting Kit - Set of 13 Pcs

BI-479-004

- Chain Hook 3
- Needle Holder Forcep 14 cm
- Kelly Forcep Str 14 cm
- Kelly Forcep Cvd 14 cm
- Scalpel Handle # 3
- Farabeuf Retractor
- Dressing Scissor S/B Str 14 cm
- Dressing Scissor S/B Cvd 14 cm
- Mosquito Forcep 14 cm
- Kocher Forcep 14 cm
- Dressing Forcep 14 cm
- Eye Probe
- Butterfly probe

Dissecting Kit - Set of 19 Pcs

BI-479-005

- Operating Scissor S/B Str 14 cm
- Operating Scissor S/B Cvd 14 cm
- Mosquito Forcep Str 13 cm
- Kelly Forcep Str 14 cm
- Kelly Forcep Cvd 14 cm
- Mayo Hegar Needle Holder 14 cm
- Butterfly probe
- Kocher Forcep 14 cm
- Dressing Forcep 14 cm
- Scalpel Handle # 3
- Scalpel Handle # 4
- Needle Straight (Plastic Handle)
- Needle Curved (Plastic Handle)
- Farabeuf Retractor
- Probe With Hole 14 cm
- Needle With Thread
- Surgical Sterile Blade # 3
- Surgical Sterile Blade # 4
- Chain Hook



Dissecting Kit - Set of 20 Pcs

BI-479-006

- Scalpel Handle # 3
- Simken Forcep Str 12 cm
- Simken Forcep Cvd 12 cm
- Simken Kocher Forcep Str 10 cm
- Mosquito Forcep Cvd 12 cm
- Plastic Handle Probe Str 13 cm
- Plastic Handle Probe Cvd 13 cm
- Dressing Scissor S/B Str 14 cm
- Iris Scissor Str 12 cm
- Frazier Hook 15 cm
- Surgical Sterile Blade # 10 (10 Pcs)

Dissecting Kits

Kits zerlegen
Kits de Dissecação
Kits de disección



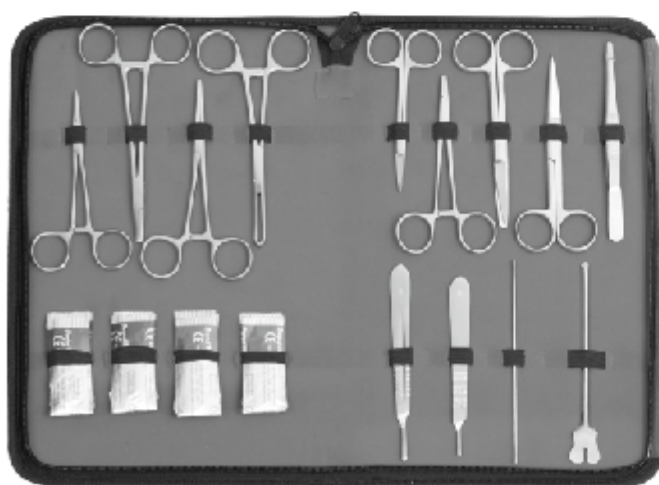
Dissecting Kit - Set of 35 Pcs
BI-480-007

- Probe
- Butterfly Probe
- Dressing Forcep 14 cm
- Kocher Forcep 1x2 Teeth 14 cm
- Micro Forcep 12.5 cm
- Surgical Sterile Blade # 3
- Surgical Sterile Blade # 4
- Scalpel Knife 15 cm
- Dissecting Spatula
- Mosquito Forcep Cvd 12.5 cm
- Iris Scissor Str 11.5 cm
- Magnifying Glass (Plastic Handle)
- Operating Scissor S/B Str 14 cm
- Needle Curved Point 14.5 cm
- Needle Straight Point 14.5 cm
- Surgical Sterile Blade # 22 (10 Pcs)
- Surgical Sterile Blade # 10 (10 Pcs)

- Iris Scissor Str 11.5 cm
- Operating Scissor S/S Str 14 cm
- Operating Scissor S/B Str 14 cm
- Operating Scissor B/B Str 14 cm
- Surgical Sterile Blade # 3
- Surgical Sterile Blade # 4
- Needle Straight Point 14 cm
- Needle Curved Point 14 cm
- Probe
- Probe With Hole 14 cm
- Butterfly Probe
- Frazier Hook 17 cm
- Dressing Forcep 14 cm
- Kocher Forcep 14 cm
- Micro Forcep 12.5 cm
- Simken Forceps 10 cm
- Simken Forceps 10 cm Cvd Serrated
- Simken Forceps 10 cm Cvd Serrated
- Kelly Forcep Str 14 cm
- Kelly Forcep Cvd 14 cm
- Mosquito Forcep Str 12.5 cm
- Mosquito Forcep Cvd 12.5 cm
- Surgical Sterile Blade # 22 (10 Pcs)
- Surgical Sterile Blade # 10 (10 Pcs)



Dissecting Kit - Set of 42 Pcs
BI-480-008



Dissecting Kit - Set of 53 Pcs
BI-480-009

- Operating Scissor S/B Str 14 cm
- Mayo Scissor Str 14 cm
- Kelly Forcep Str 14 cm
- Allis Tissue Forcep 1x2 Teeth 14 cm
- Dressing Forcep 14 cm
- Mosquito Forcep Str 12.5 cm
- Webster Needle Holder 12.5 cm
- Mayo Hegar Needle Holder 15 cm
- Iris Scissor Str 11.5 cm
- Surgical Sterile Blade # 3
- Surgical Sterile Blade # 4
- Double Ended Probe 14 cm
- Butterfly Probe
- Surgical Sterile Blade # 22 (10 Pcs)
- Surgical Sterile Blade # 10 (10 Pcs)
- Surgical Sterile Blade # 11 (10 Pcs)
- Surgical Sterile Blade # 15 (10 Pcs)

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