



Professional
SURGICAL
Instruments
Range



www.hessinstruments.com

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.

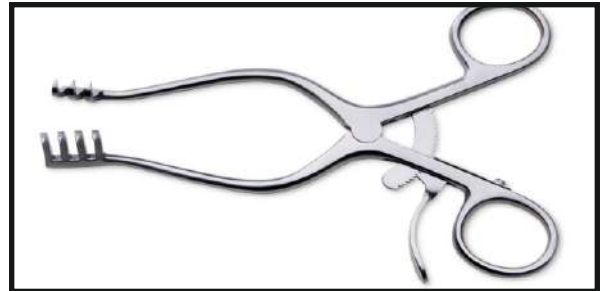
Proving our credibility and reliability related to all technical as well as ethical aspects.



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

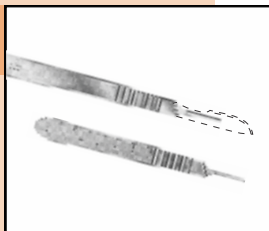
We not only manufactures fine quality surgical instruments, but we also provide complete modification and customization of instrument design according to its specific usage. All OEM instruments are carefully hand crafted with details to guarantee quality and exact specifications.

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

Page 53 - 71

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

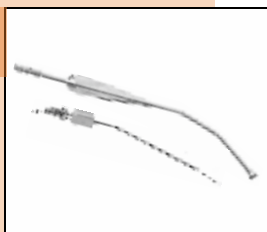


Diagnostics

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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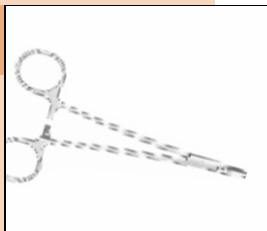


Anaesthesia

Anästhesie
Anestesia
Anestesia

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Suture

Naht
Sutura
Sutura

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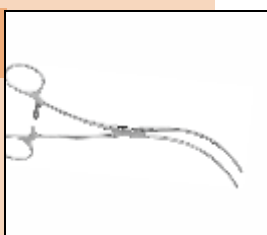


Dressing

Dressing
Vestir
Vendaje

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13

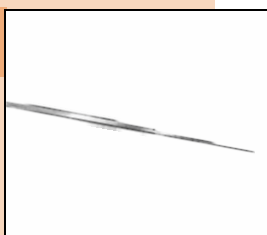


Cardiovascular Surgery

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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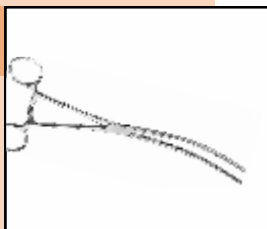


Dermatology

Dermatologie
Dermatologia
Dermatología

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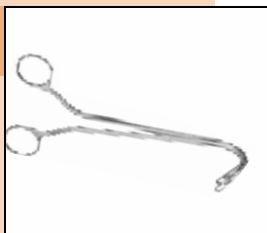


Stomach, Intestines, Rectum

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

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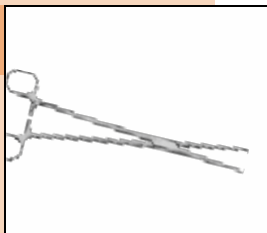


Liver, Gall Bladder, Kidney and Urology

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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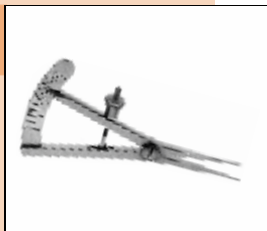


Obstetrics

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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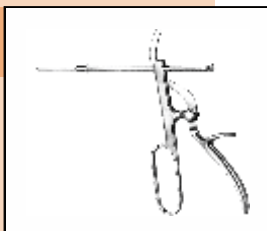


Oral Maxillo-Facial Surgery

Mund-Kiefer-Gesichtschirurgie
Cirurgia Maxilofacial Oral
Cirugía maxilofacial oral

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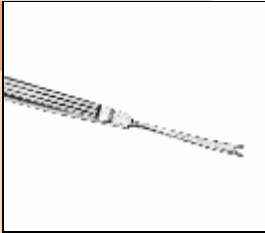


Tonsillectomy, Laryngo-Bronchoscopy

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

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Cranio-Maxillo-Facial Surgery

Cranio-Maxillo-Gesichtschirurgie

Cirurgia Cranio-Maxilo-Facial

Cirugía cráneo-maxilar-facial

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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

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



HI-01-001
Fig. 1
15 cm



HI-01-002
Fig. 2
15 cm



HI-01-003
Fig. 3
15.5 cm



HI-01-004
Fig. 4
16 cm



HI-01-005
Fig. 5
16 cm



HI-01-006
Fig. 6
15 cm



HI-01-007
Fig. 7
15 cm



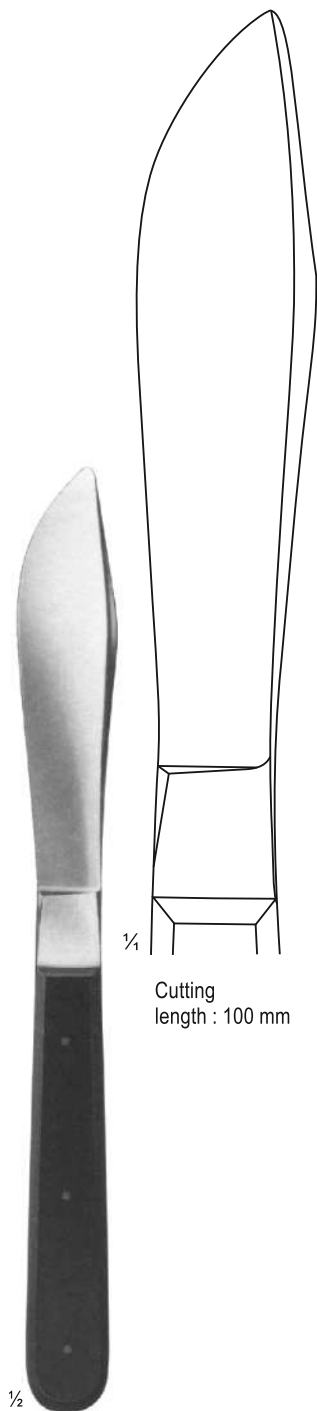
HI-01-008
Fig. 8
16 cm



HI-01-009
Fig. 9
16 cm

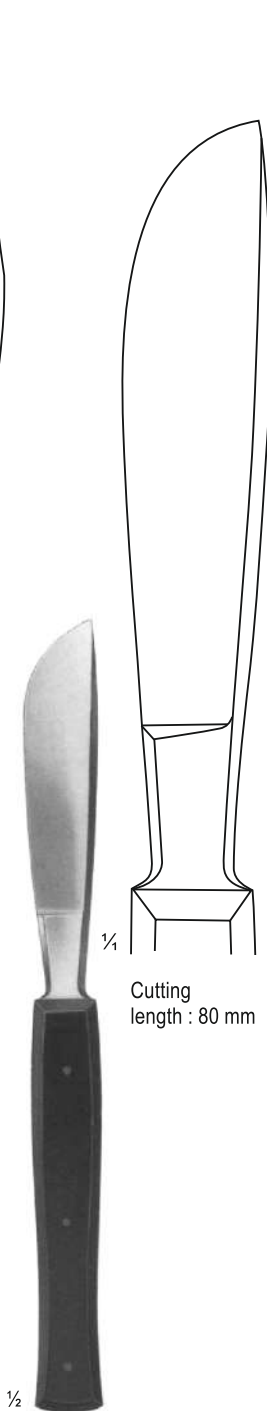


HI-01-010
Fig. 10
17 cm



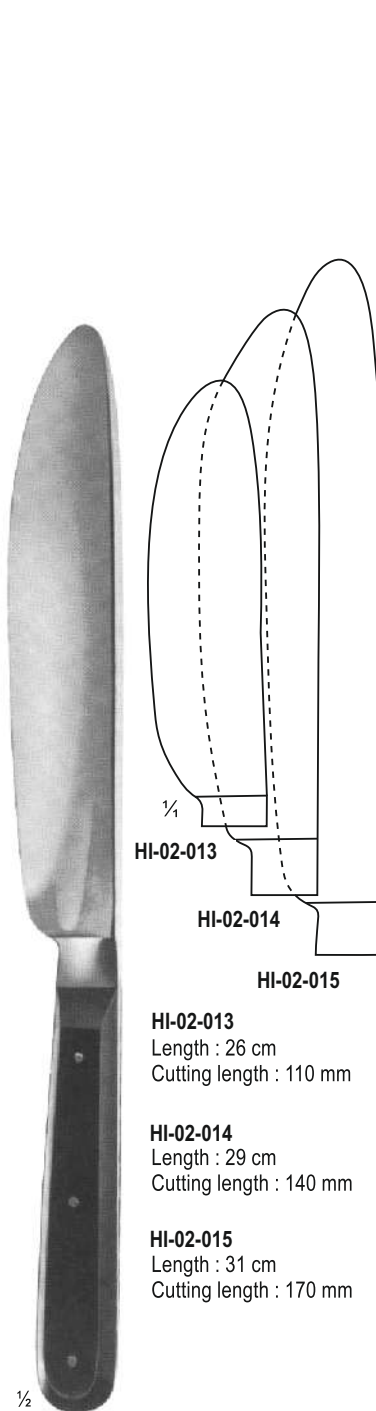
Cutting
length : 100 mm

HI-02-011
25 cm
With wooden handle



Cutting
length : 80 mm

Virchow
HI-02-012
21 cm
With wooden handle



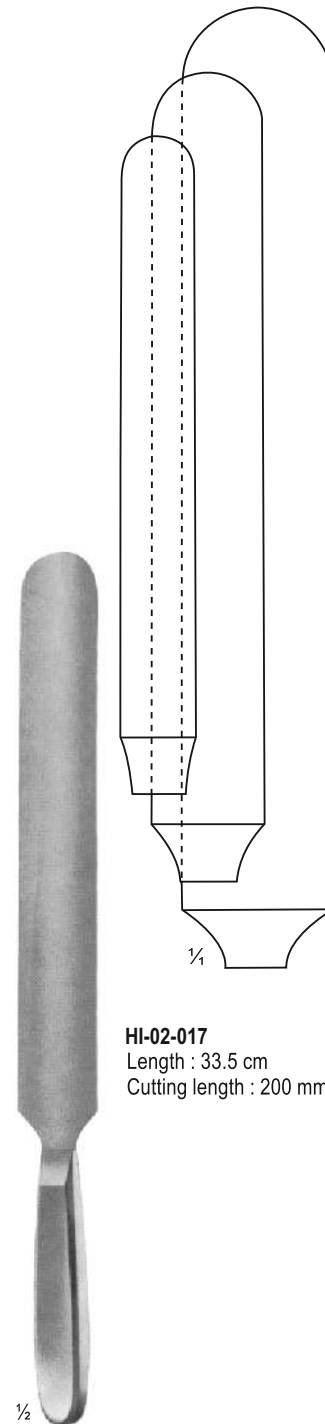
HI-02-013

HI-02-013
Length : 26 cm
Cutting length : 110 mm

HI-02-014
Length : 29 cm
Cutting length : 140 mm

HI-02-015
Length : 31 cm
Cutting length : 170 mm

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



HI-02-017
Length : 33.5 cm
Cutting length : 200 mm

Virchow
HI-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 interósseos



HI-03-018

5.5 cm

Blade length

With raspatory,

Wooden handle



HI-03-019

7 cm

Blade length

Wooden handle



Langenbeck

HI-03-020

18 cm



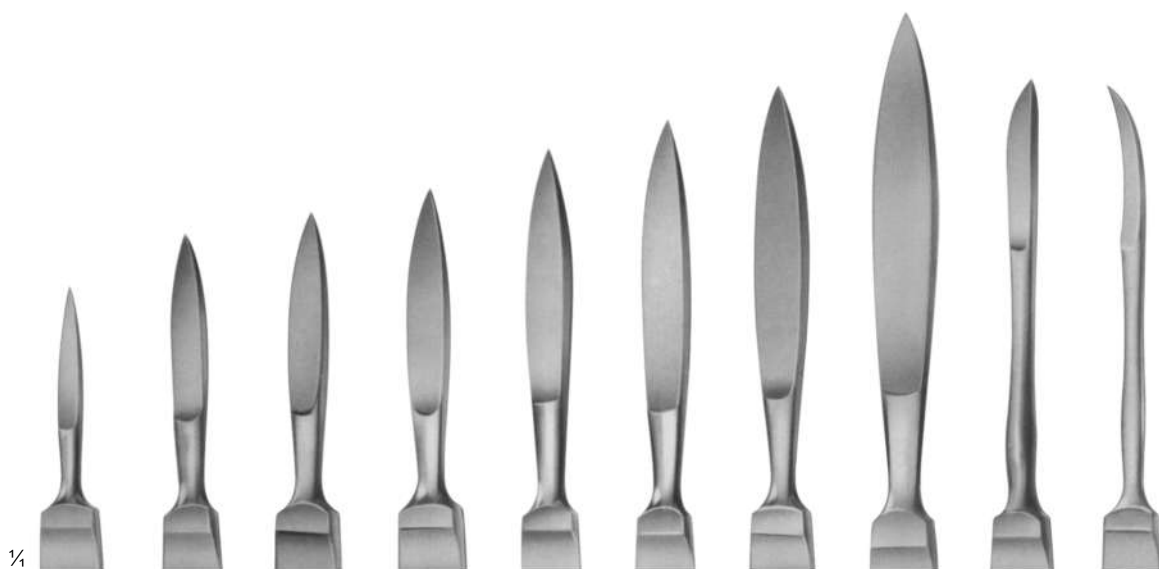
Langenbeck

HI-03-021

18 cm



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



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

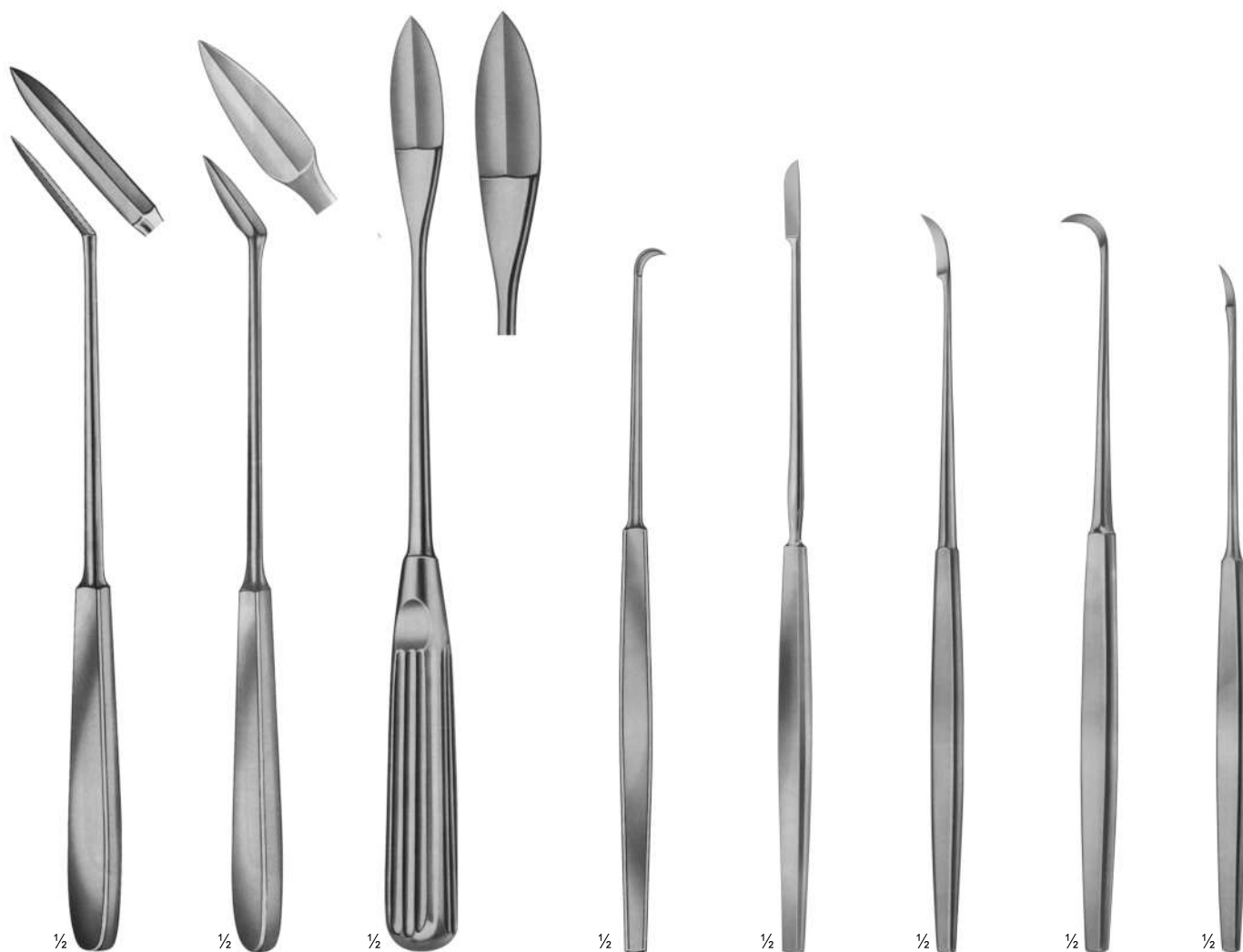
HI-04-022 - HI-04-041
14 cm - 17.5 cm

Cone Knives, Myomatome, Trigeminal, Tonsil Knives

Kegelmesser, Myomatome, Trigeminus, Tonsillennmesser

Facas Cone, Myomatome, Trigeminal, Facas Amígdalas

Cuchillos Cono, Myomatome, Trigeminal, Tonsil Knives



Ayre
HI-05-042
23.5 cm
Cone knife

HI-05-043
23 cm
Cone knife

Segond
HI-05-044
27 cm
Myomatome

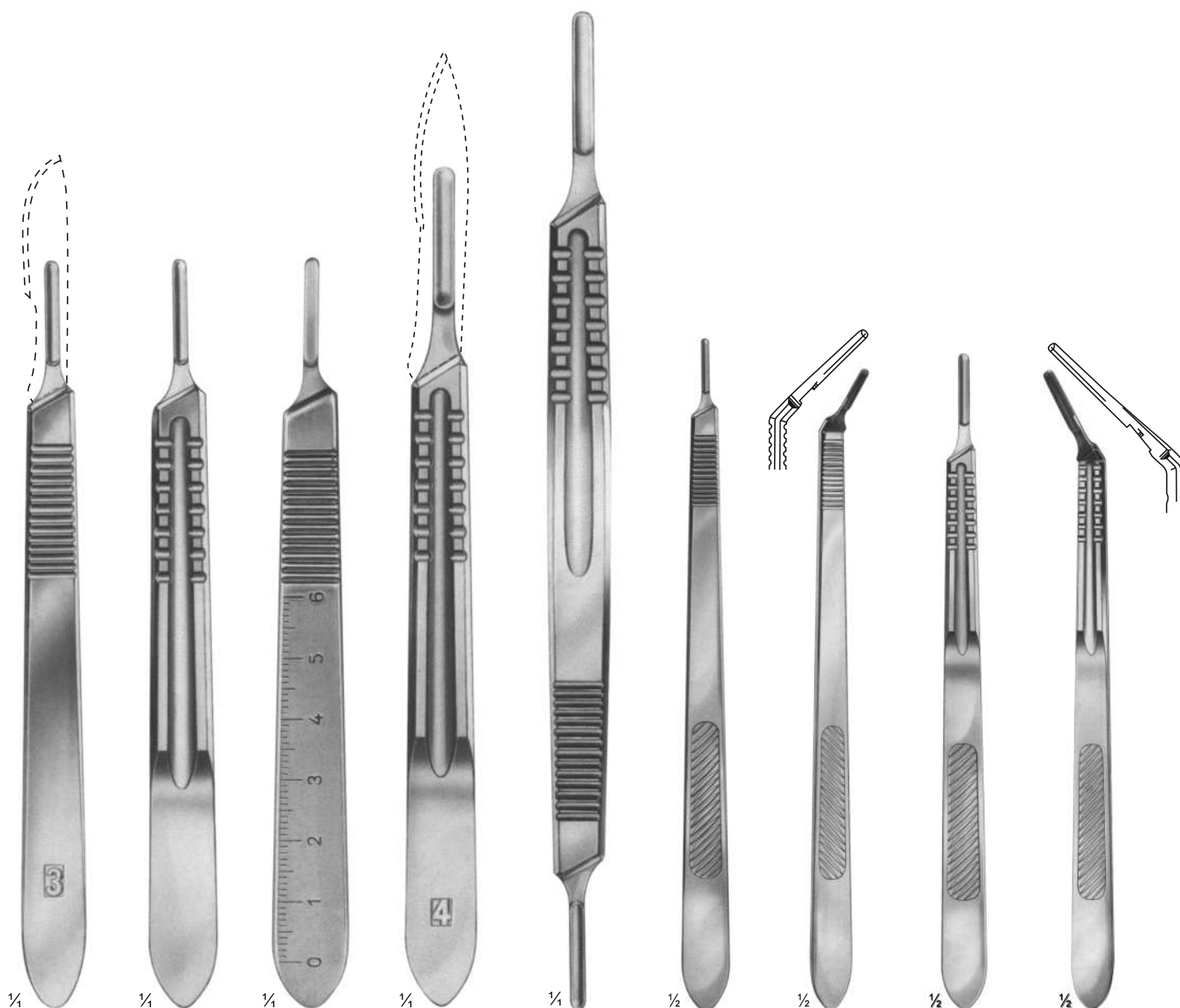
Olivecrona
HI-05-045
20.5 cm
Trigeminal knife

HI-05-046
23 cm
Trigeminal knife

Abraham
HI-05-047
21.5 cm
Tonsil knife

Bruenings
HI-05-048
21.5 cm
Tonsil knife

Fowler
HI-05-049
20 cm
Tonsil knife



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

HI-06-051
No. 3
12 cm
Solid

HI-06-052
No. 3
12 cm
Solid

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

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

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

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

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

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



HI-07-059
No. 7
16 cm
Solid



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



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



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



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



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



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



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

HI-07-067
No. 3KL
15.5 cm



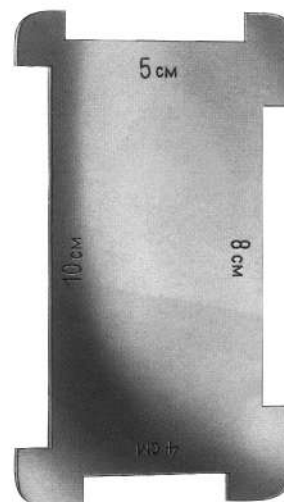
Silver
HI-08-068
19.5 cm
For usual razor blades
Dermatome



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



Schink
HI-08-070
Spare blade



Schink
HI-08-071
Skin fixing plate



1/2

Watson
HI-09-072
32 cm
Complete with blade



1/2

Humby
HI-09-073
32 cm
Complete with blade



Humby
HI-09-074
Spare blade



Scissors

Schere

Tesouras

tijeras

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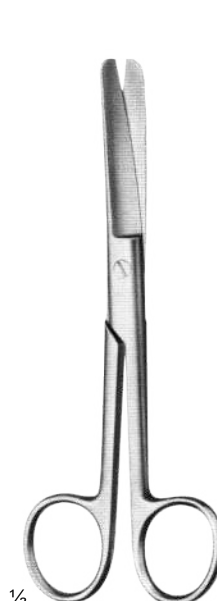
Standard
HI-12-001 - HI-12-007
14.5 cm
BL/BL



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



Straight



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



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



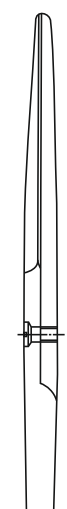
Curved



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



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



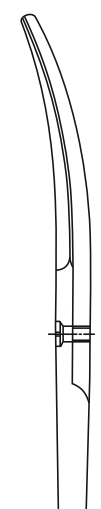
Straight



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



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



Curved



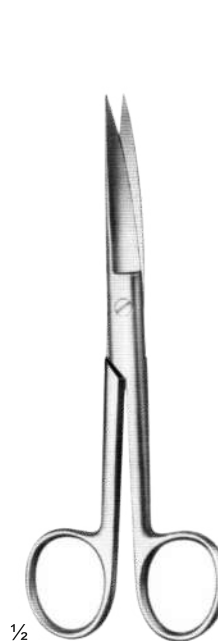
Standard
HI-13-029 - HI-13-035
14.5 cm
SH/SH



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



Straight



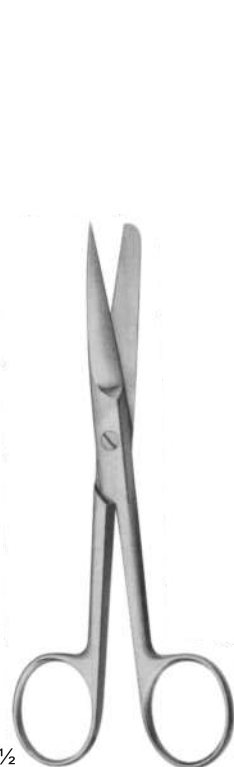
Standard
HI-13-036 - HI-13-042
14.5 cm
SH/SH



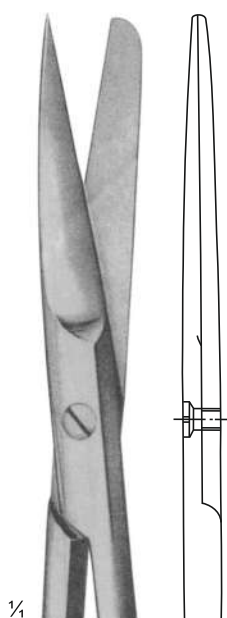
HI-13-036 12 cm
HI-13-037 13 cm
HI-13-038 14.5 cm
HI-13-039 16.5 cm
HI-13-040 18.5 cm
HI-13-041 20.5 cm
HI-13-042 25 cm



Curved

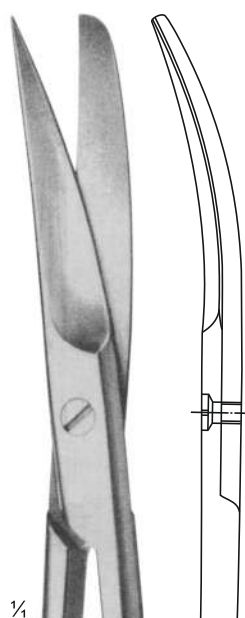


Deaver
HI-13-043 - HI-13-044
14.5 cm



HI-13-043
14.5 cm

Straight

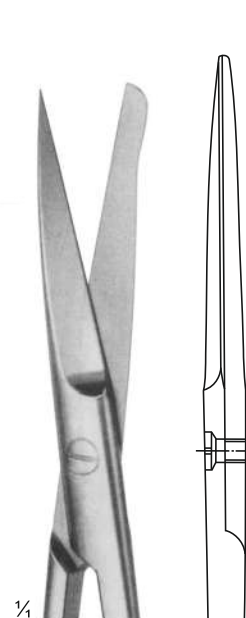


HI-13-044
14 cm

Curved



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



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

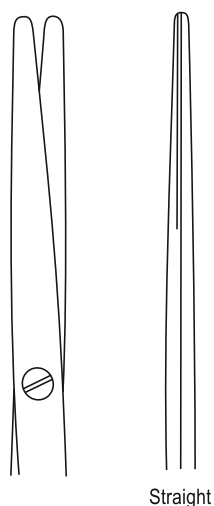
Straight

Dissecting Scissors

Präparierschere
Tesoura de dissecação
Tijeras de disección



Lexer
HI-14-048 - HI-14-050
16 cm

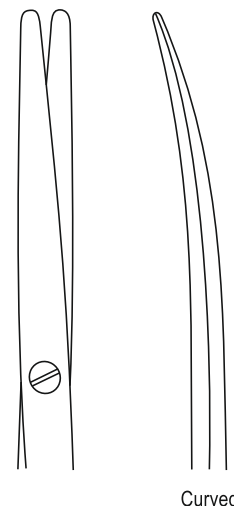


Straight

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

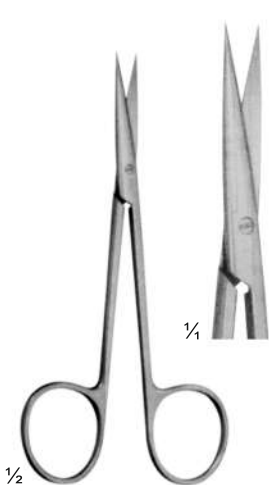


Lexer
HI-14-051 - HI-14-053
16 cm

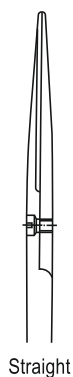


Curved

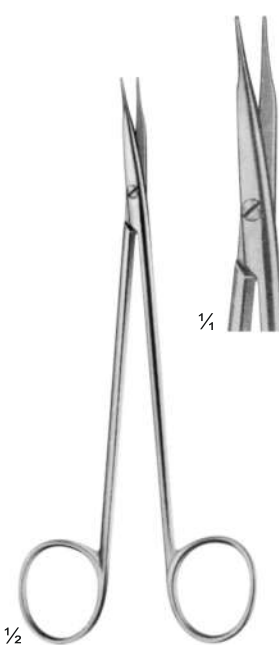
HI-14-051 10 cm (Baby)
HI-14-052 16 cm
HI-14-053 21 cm



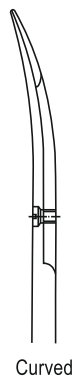
Kilner
HI-14-054
11.5 cm
Fine dissecting scissors



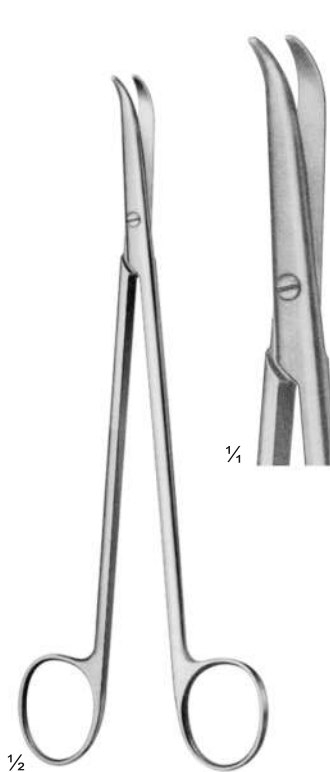
Straight



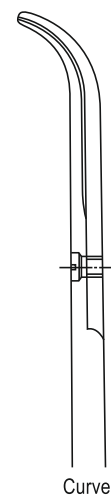
Jameson
HI-14-055
15 cm
Dissecting scissors



Curved



Thorek
HI-14-056
18.5 cm



Curved

Delicate Dissecting Scissors

Zarte Präparierschere
Tesoura de dissecação delicada
Delicadas tijeras de disección



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



Straight



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



Curved



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



Straight

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



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



Curved

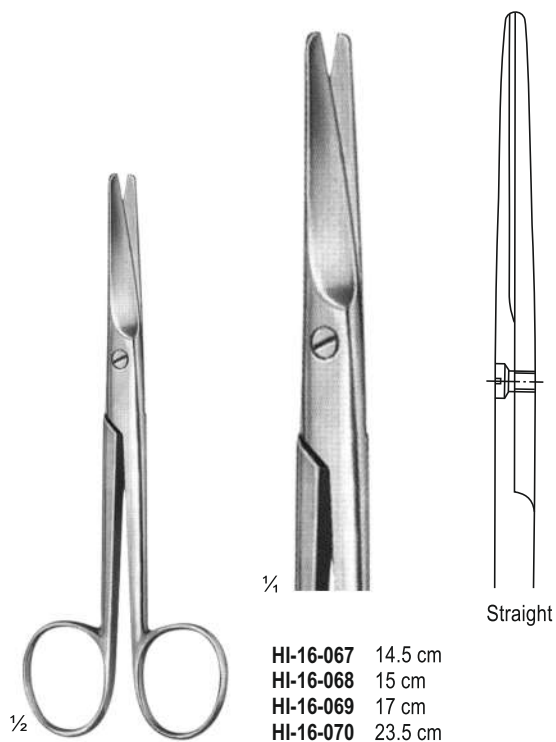
- HI-15-063** 14.5 cm
- HI-15-064** 18 cm
- HI-15-065** 20.5 cm
- HI-15-066** 23 cm

Dissecting Scissors

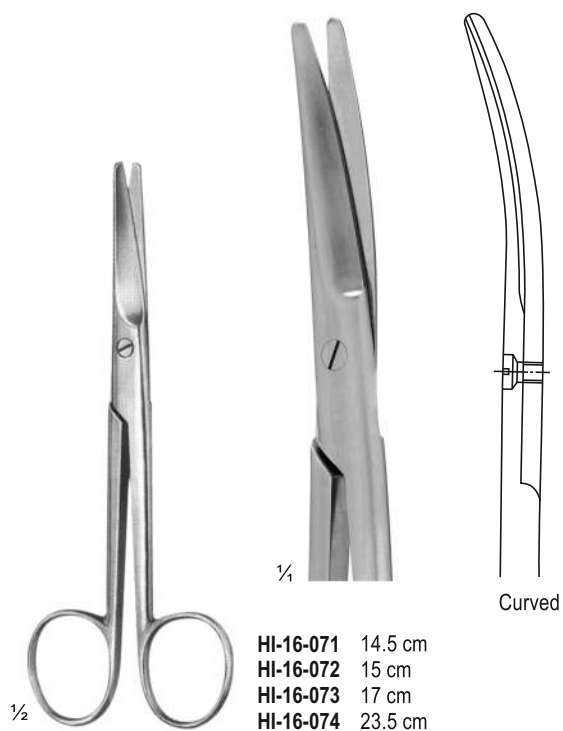
Präparierschere

Tesoura de dissecação

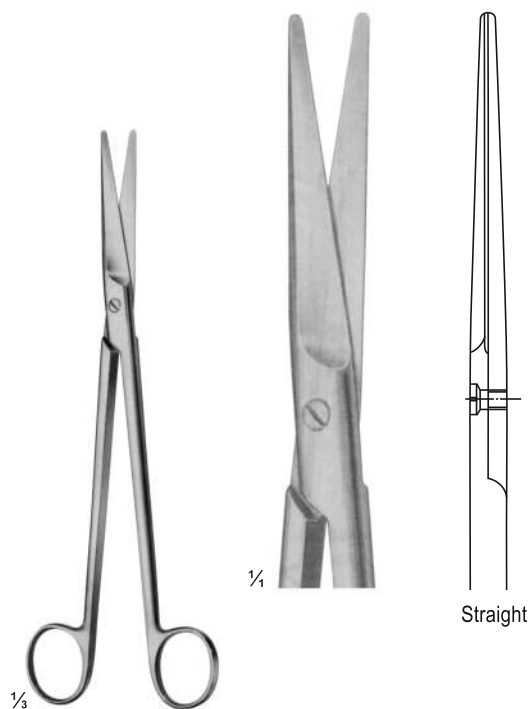
Tijeras de disección



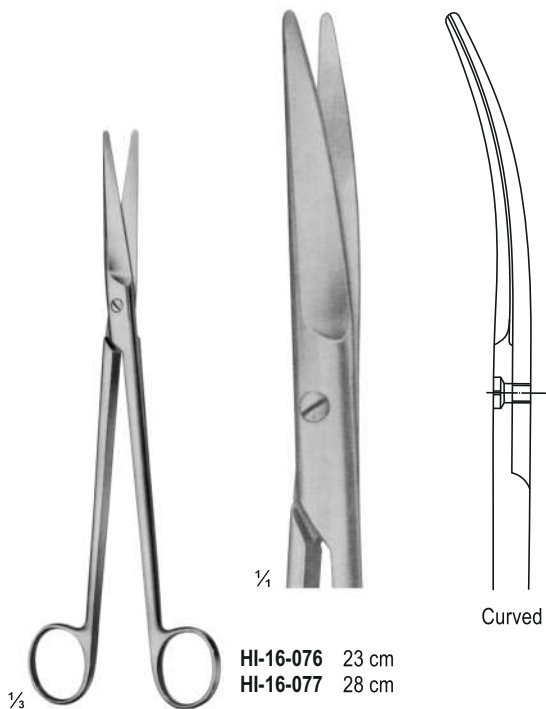
Mayo
HI-16-067 - HI-16-070
 15 cm



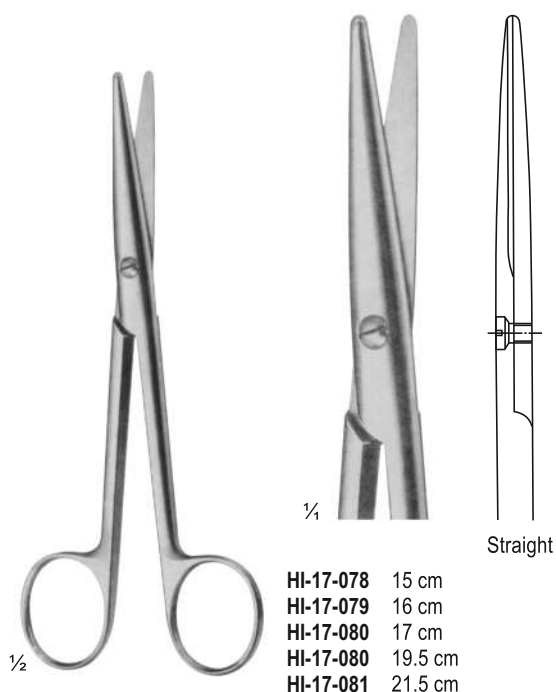
Mayo
HI-16-071 - HI-16-074
 15 cm



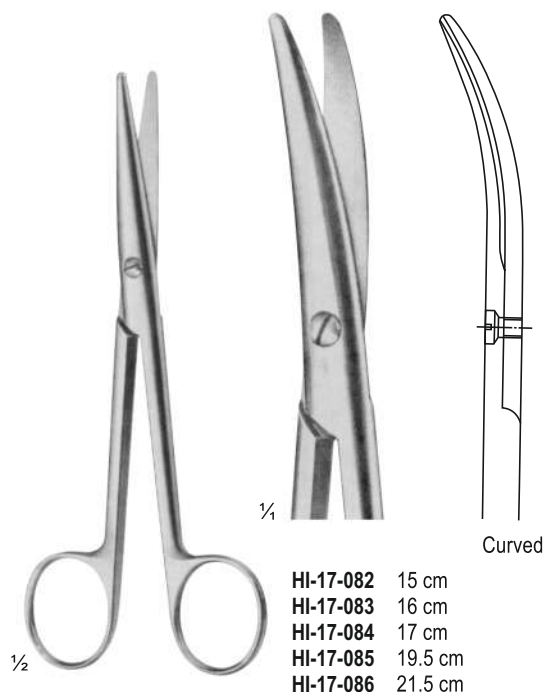
Mayo-Harrington
HI-16-075
 23 cm



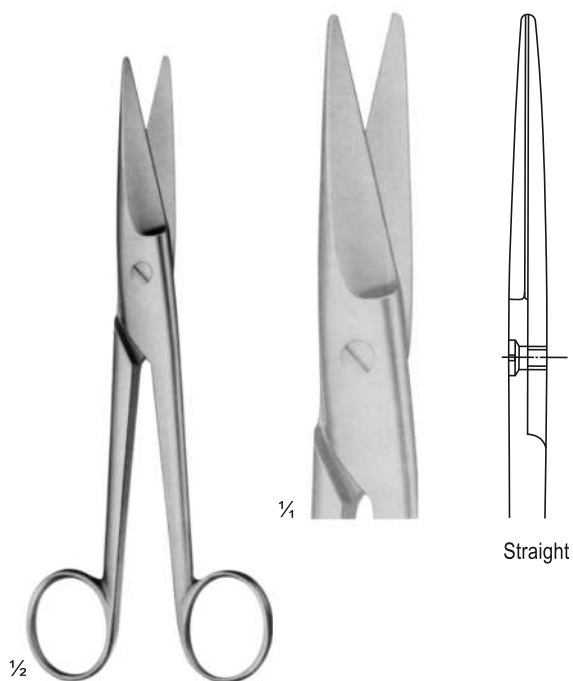
Mayo-Harrington
HI-16-076 - HI-16-077
 23 cm



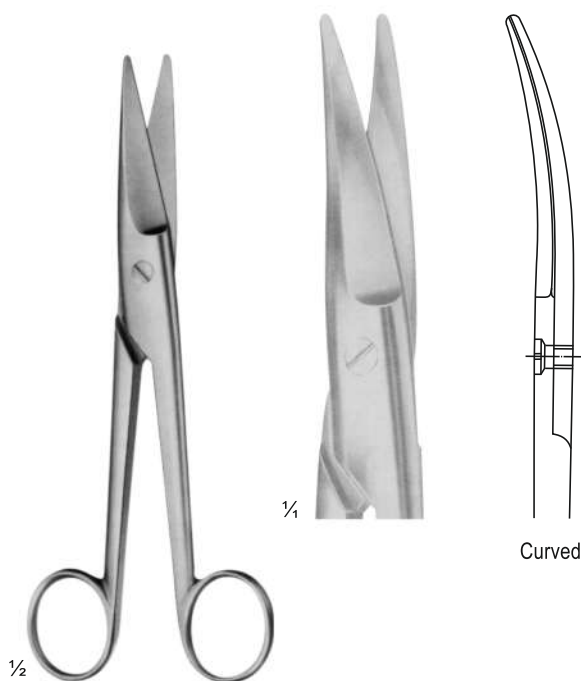
Mayo-Stille
HI-17-078 - HI-17-081
16 cm



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



Mayo-Noble
HI-17-087
16.5 cm



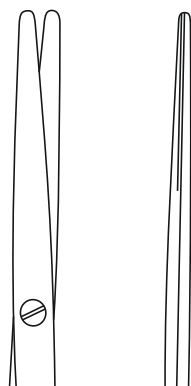
Mayo-Noble
HI-17-088
16.5 cm

Dissecting Scissors

Präparierschere

Tesoura de dissecação

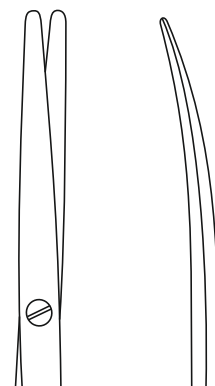
Tijeras de disección



Straight

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

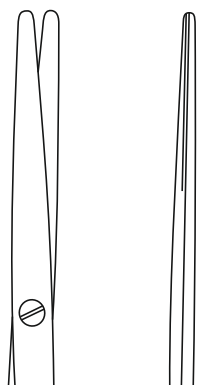
Metzenbaum
HI-18-089 - HI-18-094
15.5 cm



Curved

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

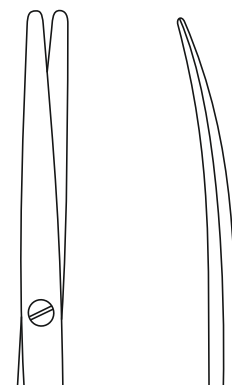
Metzenbaum
HI-18-095 - HI-18-100
15.5 cm



Straight

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

Metzenbaum-Nelson
HI-18-101 - HI-18-106
18 cm



Curved

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

Metzenbaum-Nelson
HI-18-107 - HI-18-112
18 cm



Shea Vein Graft
HI-19-113
12 cm



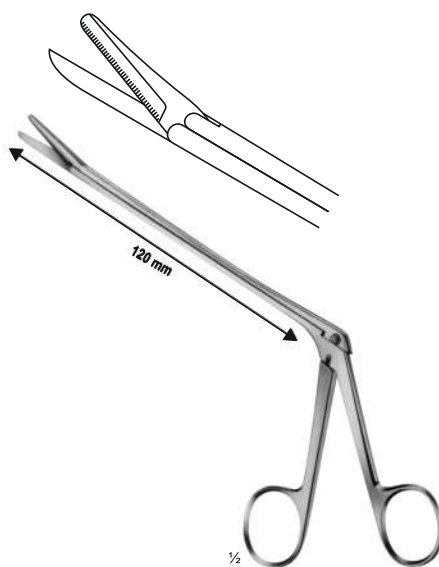
Curved



HI-19-114
13 cm
Dissecting Scissors



Curved



Olivecrona
HI-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



Straight
HI-20-116
15.5 cm



Curved
HI-20-117
15.5 cm
HI-20-118
18.0 cm

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



Iris
HI-20-119 - HI-20-126
11.5 cm



1/4



Straight

HI-20-119 9 cm
HI-20-120 10 cm
HI-20-121 11.5 cm
HI-20-122 12.5 cm

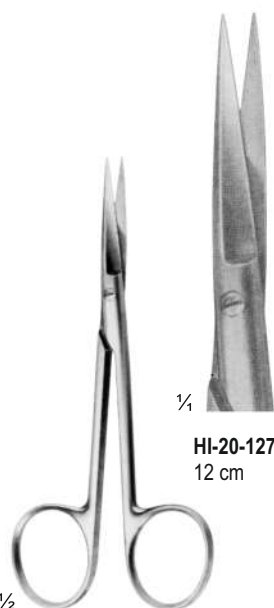


1/4



Curved

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



1/4

HI-20-127
12 cm



Straight



1/4

HI-20-128
12 cm



Curved

Wagner
HI-20-127 - HI-20-128
Operating scissors



1/2

Joseph
HI-20-129 - HI-20-130
Operating scissors



1/4

HI-20-129
14.5 cm



Straight

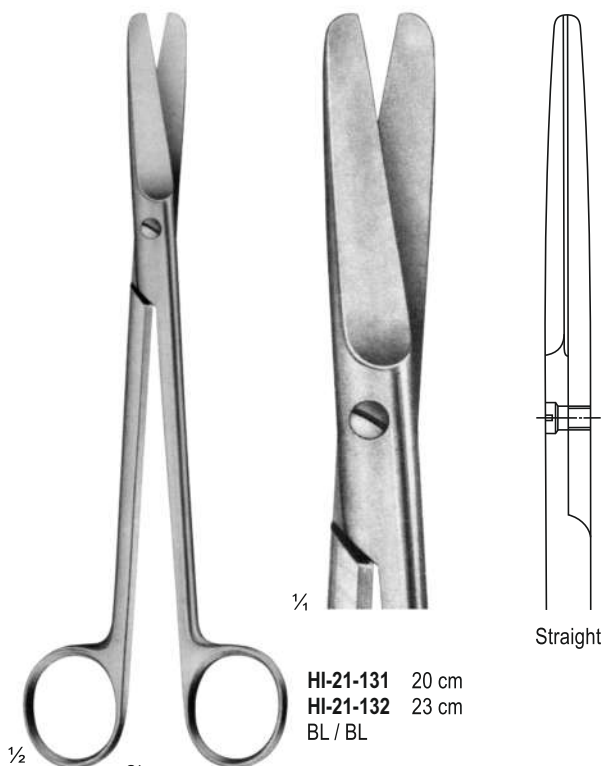


1/4

HI-20-130
14.5 cm

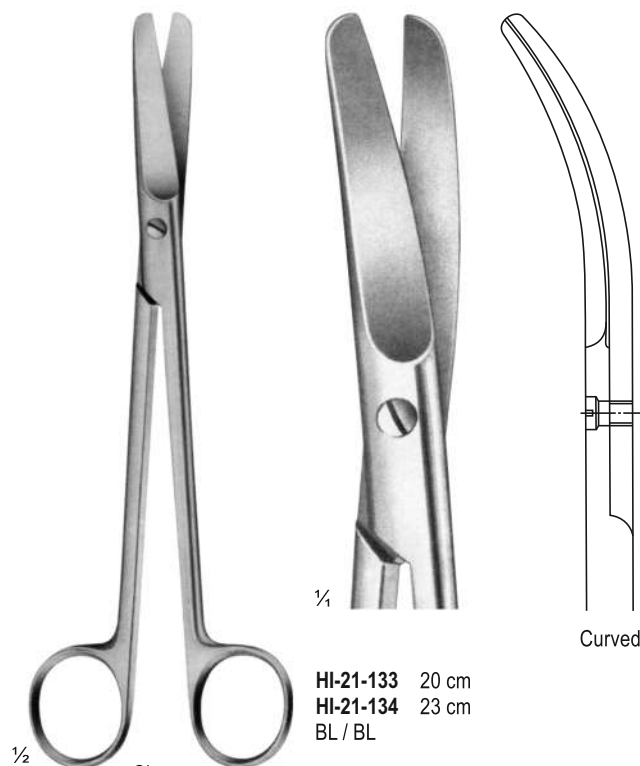


Curved



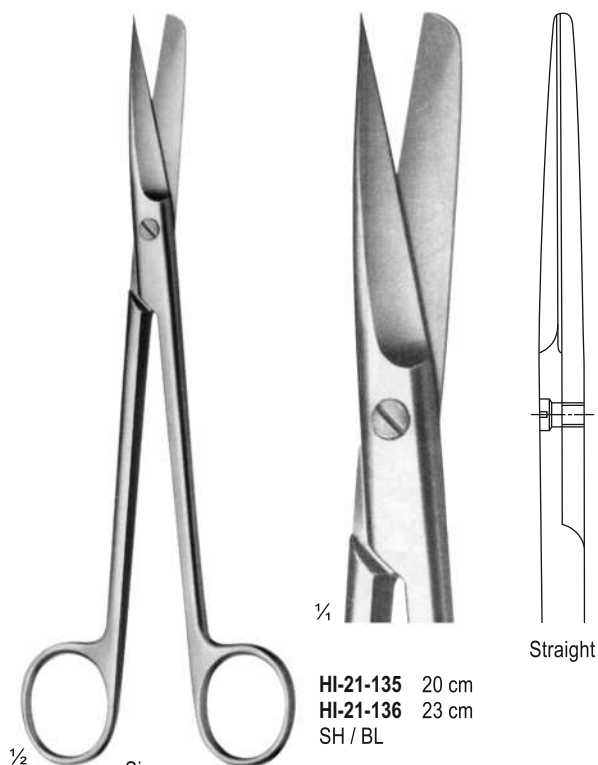
HI-21-131 20 cm
HI-21-132 23 cm
BL / BL

Sims
HI-21-131 - HI-21-132
20 cm



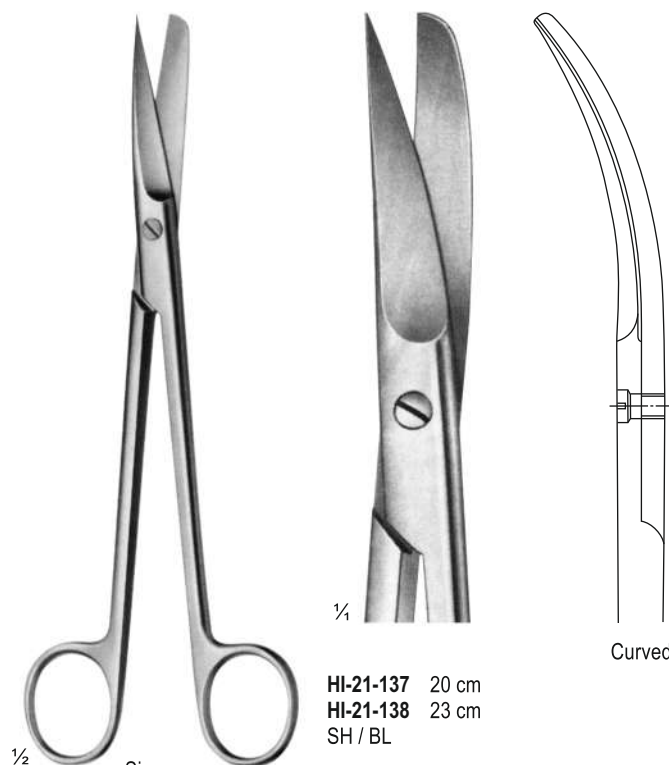
HI-21-133 20 cm
HI-21-134 23 cm
BL / BL

Sims
HI-21-133 - HI-21-134
20 cm



HI-21-135 20 cm
HI-21-136 23 cm
SH / BL

Sims
HI-21-135 - HI-21-136
20 cm



HI-21-137 20 cm
HI-21-138 23 cm
SH / BL

Sims
HI-21-137 - HI-21-138
20 cm



1/2

Sims-Siebold
HI-22-139
24.5 cm

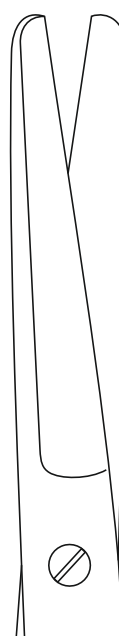


Straight



1/2

Sims-Siebold
HI-22-140
24.5 cm

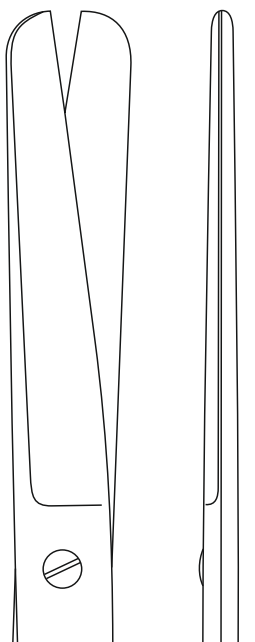


Curved





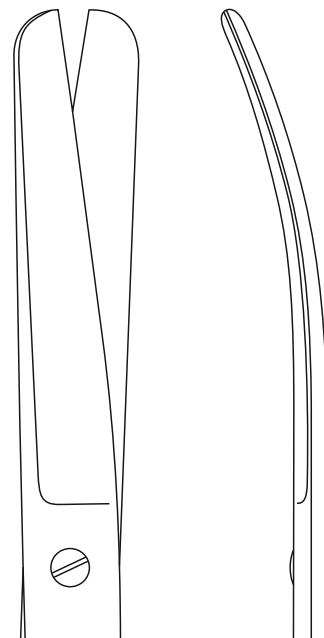
Doyen
HI-23-141
18.5 cm



Straight



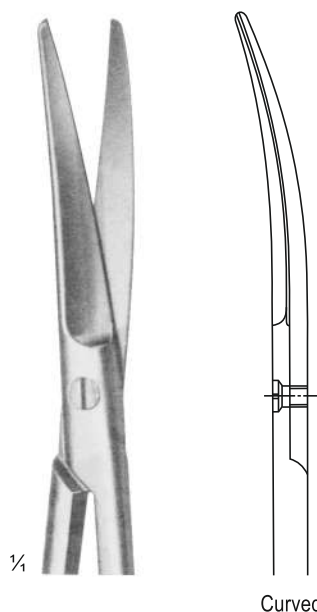
Doyen
HI-23-142
18.5 cm



Curved



Wertheim
HI-23-143 - HI-23-145
20 cm



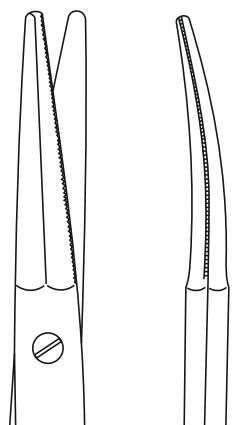
Curved

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

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



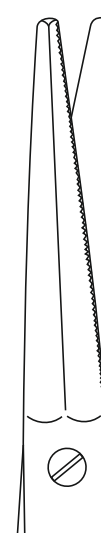
Kaye
HI-24-146
18.5 cm
One toothed cutting edge



Curved



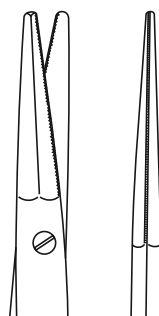
Aston
HI-24-147
17 cm
One toothed cutting edge



Straight

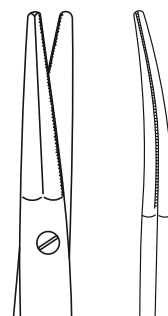


Gorney
HI-24-148 - HI-24-150
12.5 cm
One toothed cutting edge



Straight

HI-24-148
12.5 cm
HI-24-149
19.5 cm



Curved

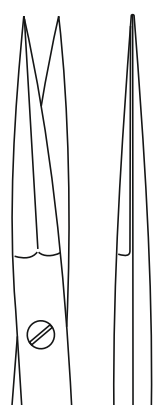
HI-24-150
19.5 cm

Face-lift Scissors, Dissecting Scissors

Face-Lift-Schere, Präparierschere
Tesoura de face-lift, dissecando tesouras
Tijeras de estiramiento facial, tijeras de disección

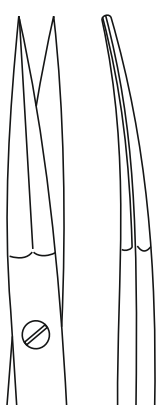


Peck-Joseph
HI-25-151 - HI-25-152
Sharp



Straight

HI-25-151
14.5 cm



Curved

HI-25-152
14.5 cm



Peck-Joseph
HI-25-153 - HI-25-154
Blunt



Straight

HI-25-153
14.5 cm

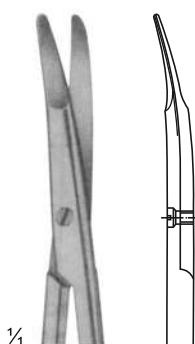


Curved

HI-25-154
14.5 cm

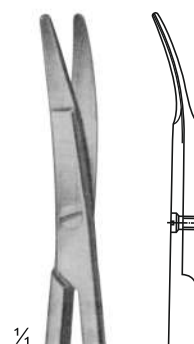


Kilner
HI-25-155 - HI-25-156
12 cm
Dissecting scissors
special flat points for dissecting
and undermining the skin



Curved

HI-25-155
12 cm



Curved

HI-25-156
15 cm

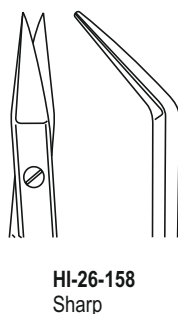
Nasal Scissors

Nasenschere
Tesoura Nasal
Tijeras nasales

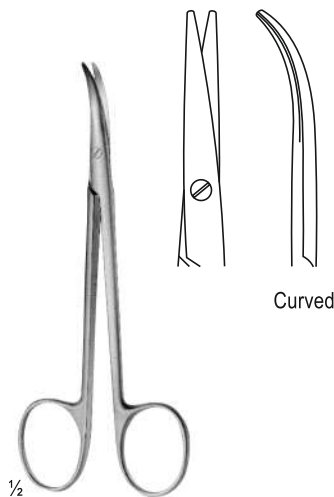


HI-26-157
Blunt

Converse
HI-26-157 - HI-26-158
10.5 cm

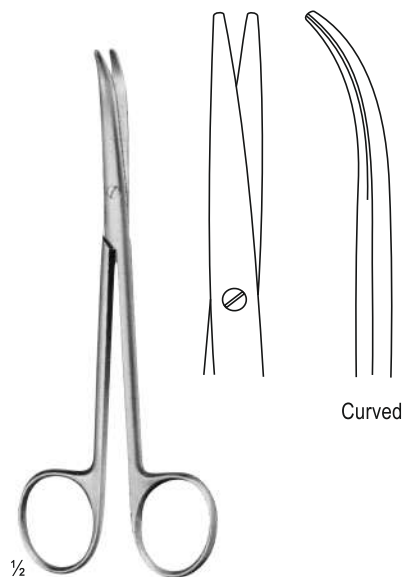


HI-26-158
Sharp



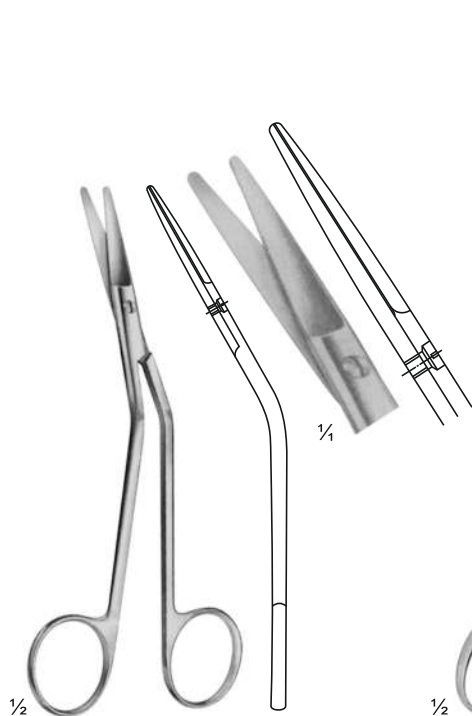
Curved

Cinelli
HI-26-159
11.5 cm

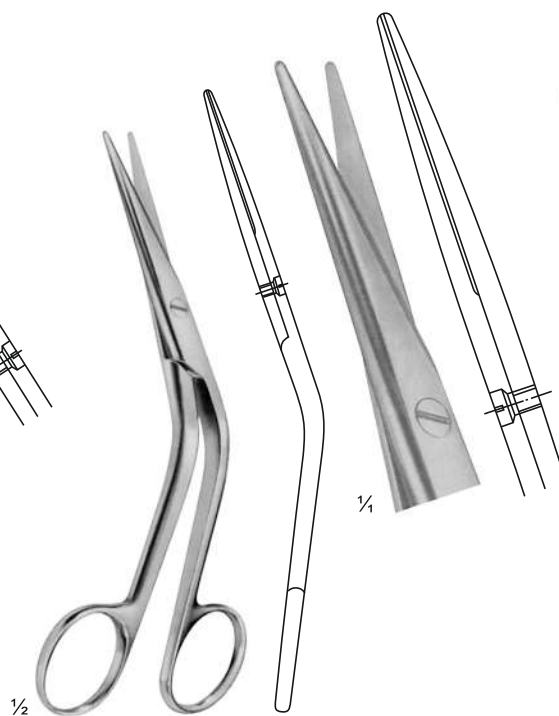


Curved

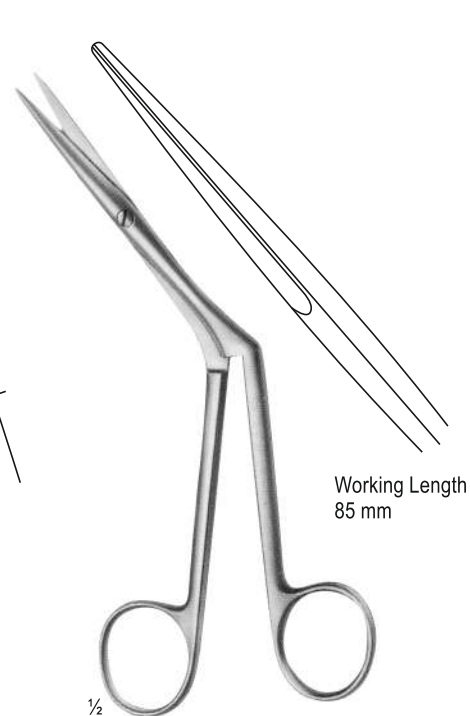
Cinelli
HI-26-160
14 cm



Fomon
HI-26-161
Blades serrated
14 cm



Cottle
HI-26-162
15.5 cm



Working Length
85 mm

Heymann
HI-26-163
18.5 cm



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



HI-27-164



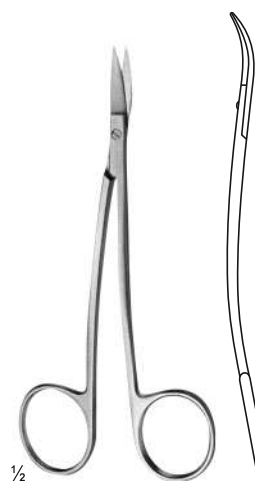
Straight



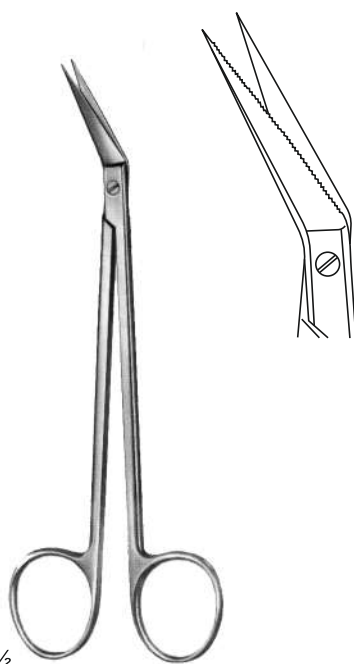
HI-27-165



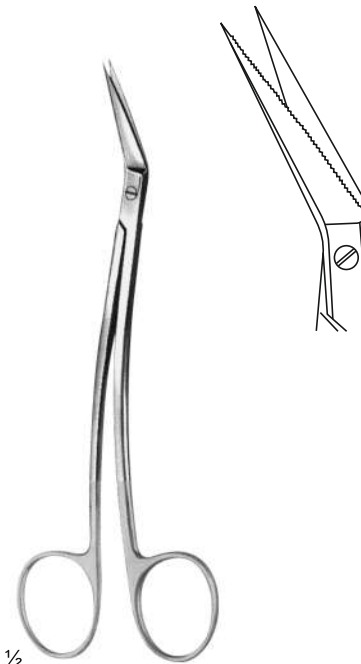
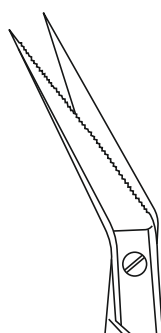
Curved



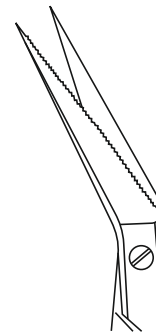
La Grange
HI-27-166
11.5 cm
S-shape



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



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





1/2

Kelly
HI-28-169
16 cm



1/4



Straigh

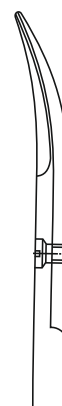


1/2

Kelly
HI-28-170
16 cm



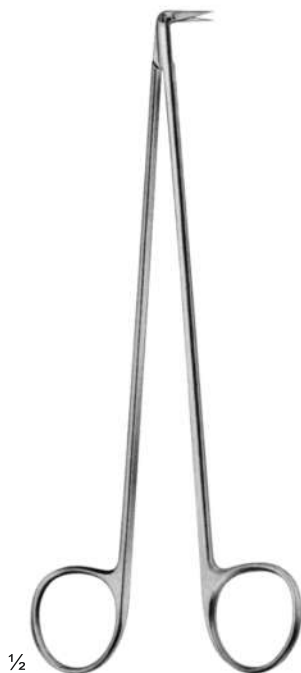
1/4



Curved

Vascular Scissors, Coronary Scissors

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



1/2

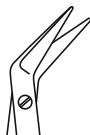
Diethrich
HI-29-171 - HI-29-175
17.5 cm



HI-29-171
19 cm
25°



10 mm



HI-29-172
18.5 cm
45°



10 mm



HI-29-173
17.5 cm
60°



10 mm



HI-29-174
17.5 cm
90°



10 mm



HI-29-175
17.5 cm
120°



10 mm



1/2

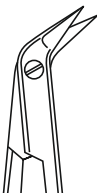
Micro-Hegemann
HI-29-176 - HI-29-180
18.5 cm



HI-29-176
25°



10 mm



HI-29-177
45°



10 mm



HI-29-178
60°



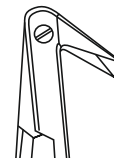
10 mm



HI-29-179
90°



10 mm



HI-29-180
120°

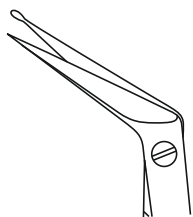


10 mm



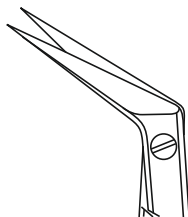
1/2

Potts-Smith
HI-30-181 - HI-30-184
19 cm



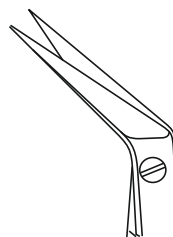
HI-30-181

60°



HI-30-182

60°



HI-30-183

40°



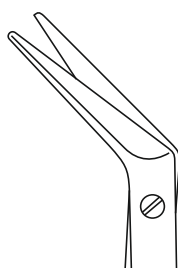
HI-30-184

25°



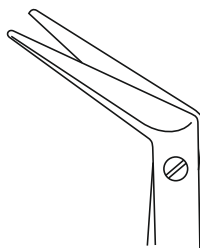
1/2

DeBakey
HI-30-185 - HI-30-186
16 cm



HI-30-185

45°



HI-30-186

60°

Coronary Scissors

Koronarschere
Tesoura Coronária
Tijeras Coronarias



HI-31-187 - HI-31-196



25°



45°



60°



90°



125°

		10 mm	10 mm	10 mm	10 mm	10 mm
18 cm		HI-31-187	HI-31-188	HI-31-189	HI-31-190	HI-31-191
18 cm		HI-31-192	HI-31-193	HI-31-194	HI-31-195	HI-31-196



HI-31-207 - HI-31-206



25°



45°



60°



90°

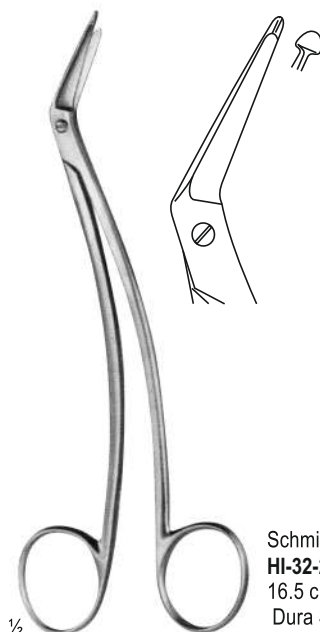


125°

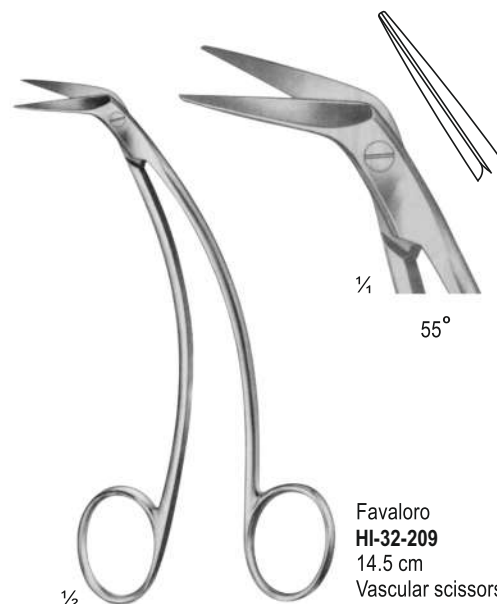
		7 mm	7 mm	7 mm	7 mm	7 mm
18 cm		HI-31-197	HI-31-198	HI-31-199	HI-31-200	HI-31-201
18 cm		HI-31-202	HI-31-203	HI-31-204	HI-31-205	HI-31-206



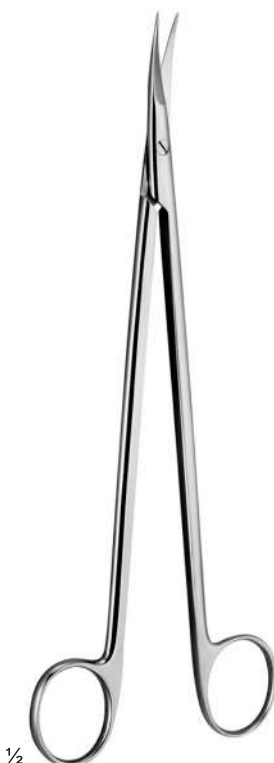
Frazier
HI-32-207
17 cm
Dura Scissors



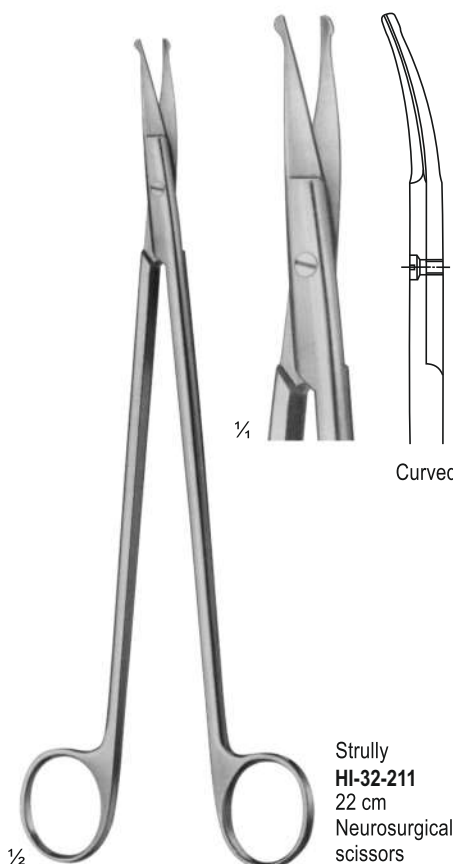
Schmienden-Taylor
HI-32-208
16.5 cm
Dura Scissors



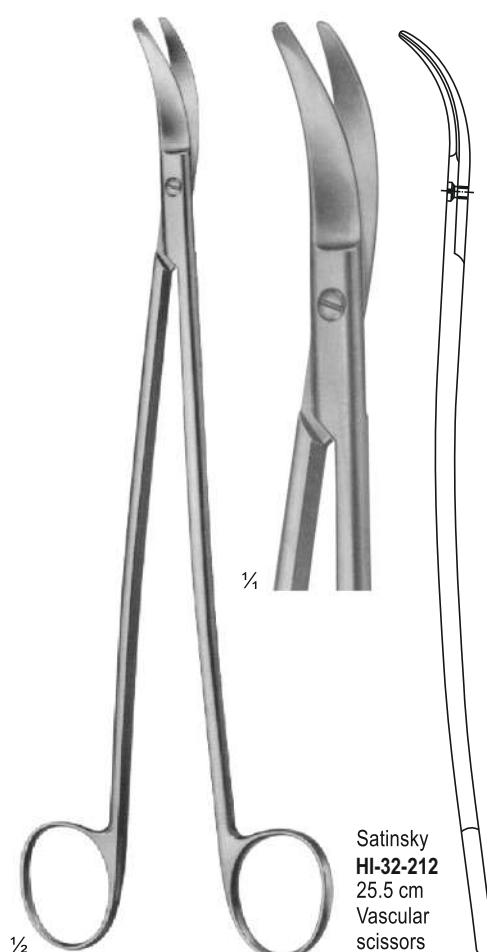
Favaloro
HI-32-209
14.5 cm
Vascular scissors



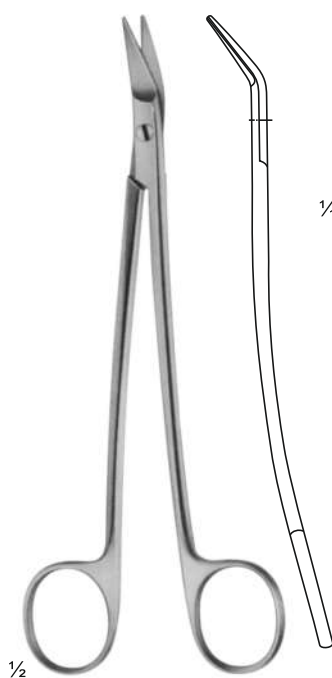
Strully
HI-32-210
20 cm



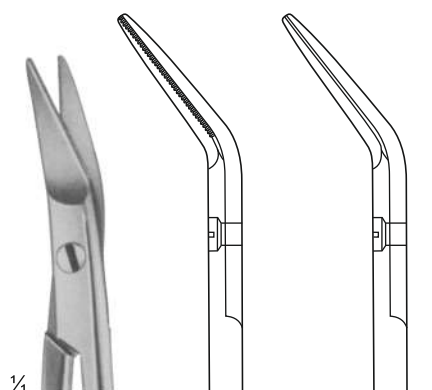
Strully
HI-32-211
22 cm
Neurosurgical
scissors



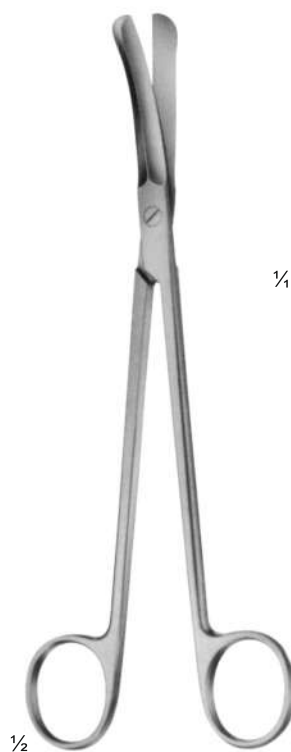
Satinsky
HI-32-212
25.5 cm
Vascular
scissors



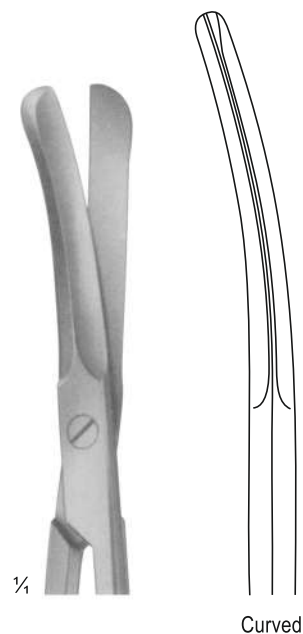
Dean
HI-33-213 - HI-33-214
17.5 cm
Angled upwards



HI-33-213
Blades Serrated
HI-33-214



Good
HI-33-215
19.5 cm



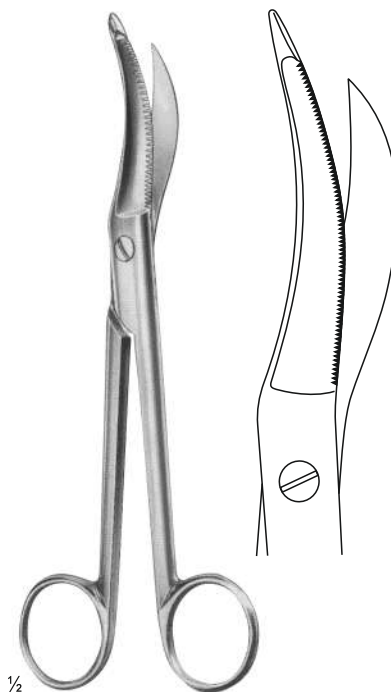
Curved

Episiotomy Scissors, Umbilical Scissors

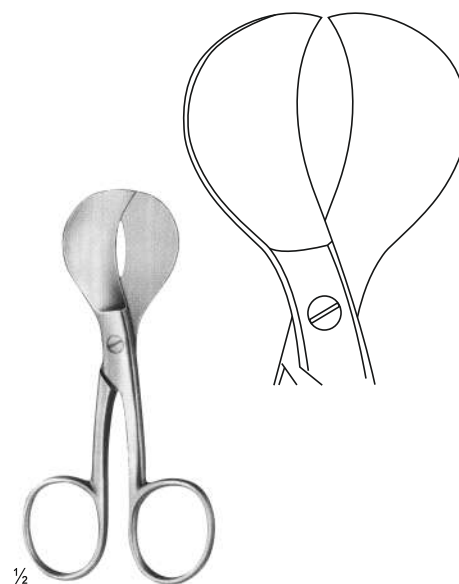
Dammschnittschere, Nabelschnurschere
Tesoura de episiotomia, Tesoura Umbilical
Tijeras de episiotomía, tijeras umbilicales



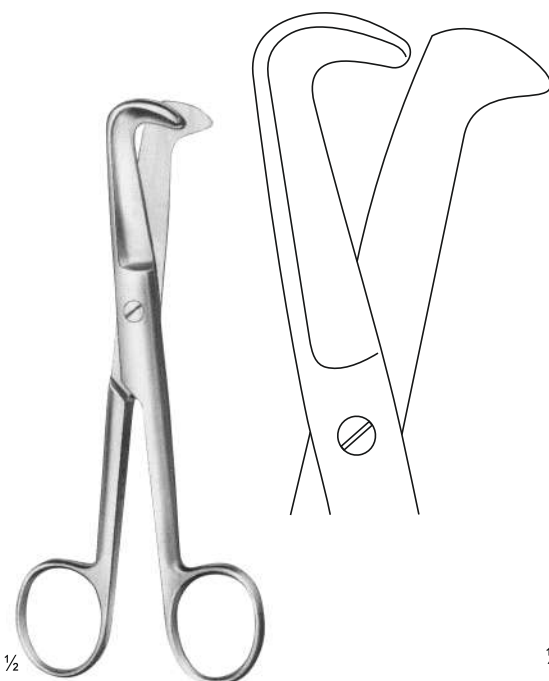
Braun-Stadler
HI-34-216 - HI-34-217
HI-34-216 14.5 cm
HI-34-217 22 cm
Episiotomy scissors



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



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



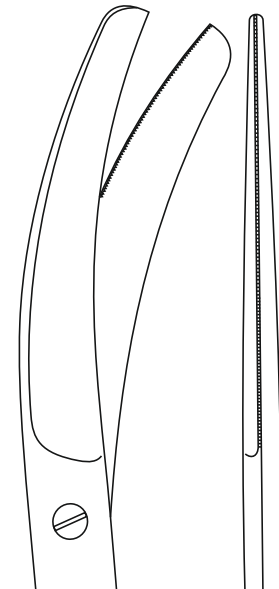
Schuhmacher
HI-34-222
15.5 cm
Umbilical scissors



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



HI-34-223



HI-34-224
One toothed cutting edge

Laterally curved

Laterally curved



1/2

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



1/4

HI-35-225
Sharp



Straight



1/4

HI-35-226
Sharp

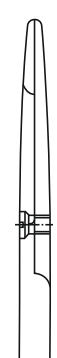


Curved



1/4

HI-35-227
Blunt



Straight



1/4

HI-35-228
Blunt



Curved

Stitch Scissors, Ligature Scissors

Stichschere, Ligaturschere

Tesoura De Ponto, Tesoura Ligadura

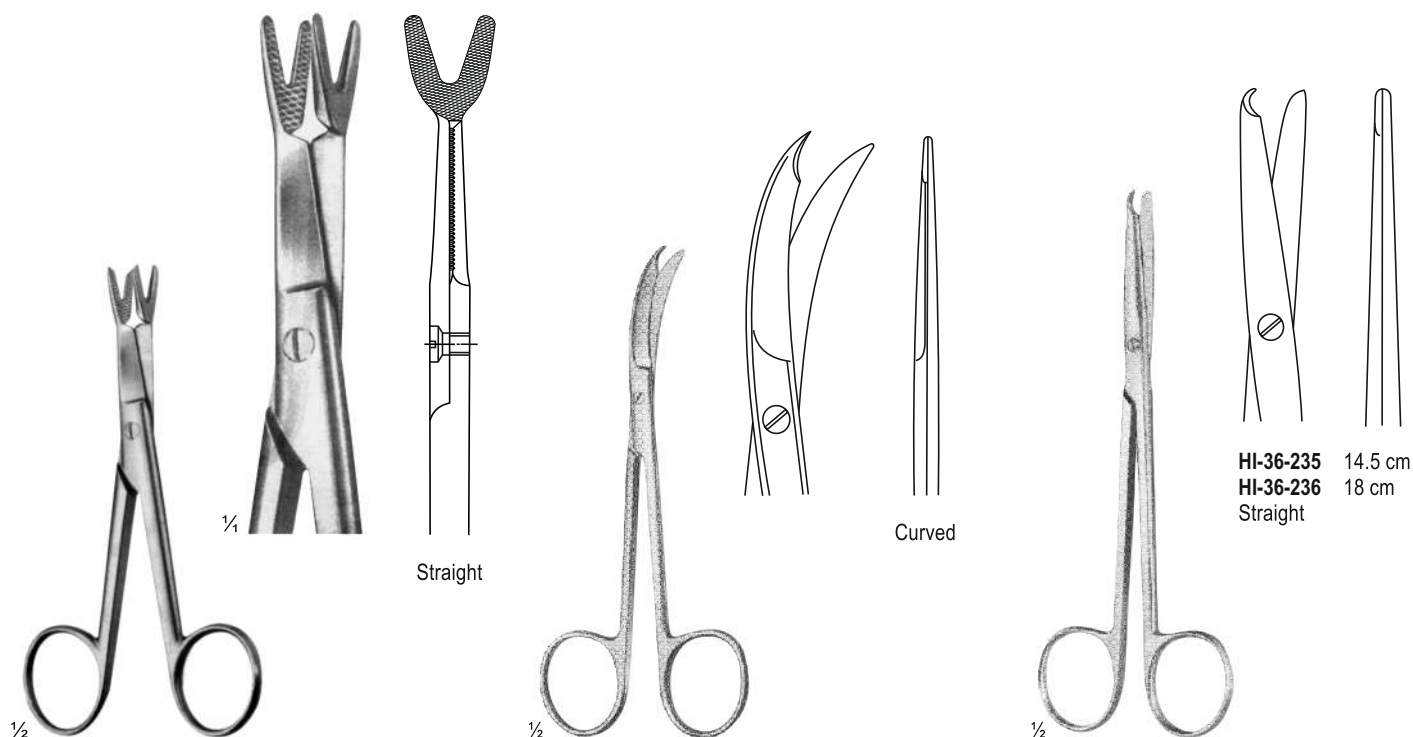
Stitch Scissors, Ligature Scissors



Spencer
HI-36-229 - HI-36-230
9 cm

Littauer
HI-36-231
14 cm

Eiselsberg
HI-36-232
12 cm



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

Northbent
HI-36-234
13 cm

Buck
HI-36-235 - HI-36-236
14.5 cm

Wire Cutting Scissors

Drahtschneideschere

Tesoura de corte de arame

Tijeras de corte de alambre



1/2

Beebee

HI-37-237 - HI-37-240

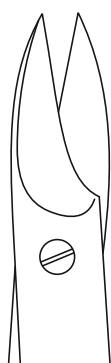
10 cm



HI-37-237
10 cm



Straight



HI-37-238
10 cm



Curved

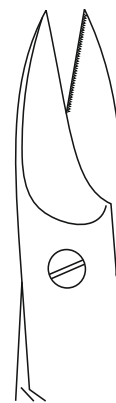


HI-37-239
12 cm

One toothed cutting edge



Straight



HI-37-240
12 cm

One toothed cutting edge



Curved



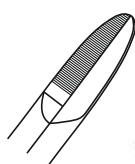
1/2

Universal Wire Cutting Scissors

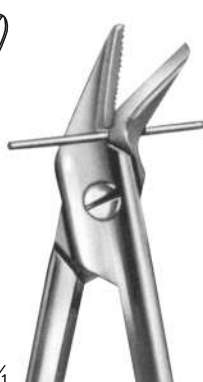
HI-37-241

12 cm

One tooth cutting edge



1/4



1/2

Harvey

HI-37-242

12.5 cm

Blades serrated



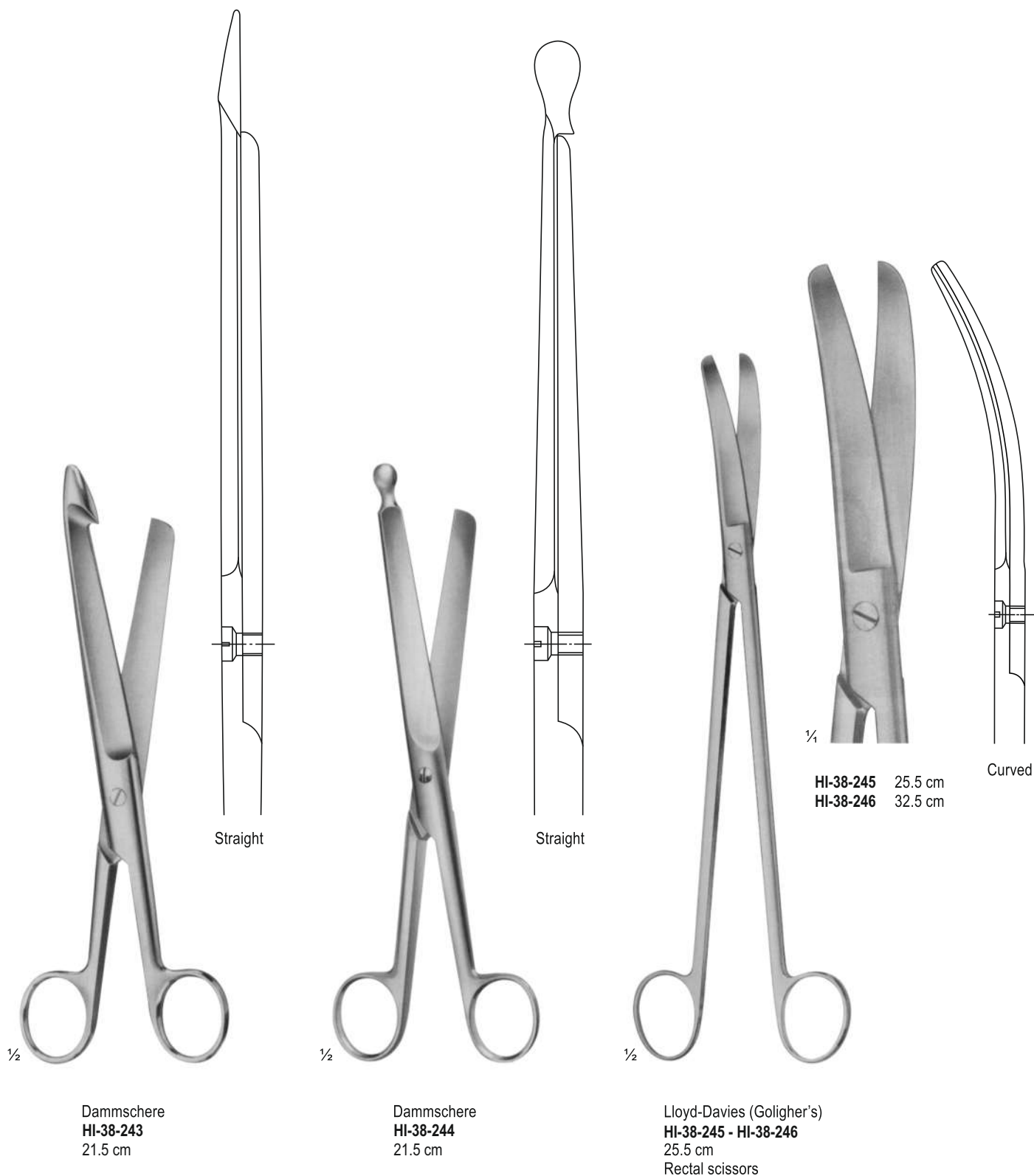
1/4



Straight

Enterotomy Scissors, Rectal Scissors

Enterotomieschere, Rektalschere
Tesoura Enterotomia, tesoura retal
Enterotomy Scissors, Rectal Scissors





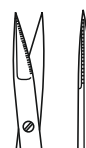
HI-39-247 - HI-39-254



A



D



A-SB



D-SB

		9 mm	9 mm	9 mm	9 mm
15 cm	St	HI-39-247	HI-39-248	HI-39-249	HI-39-250



A



D



A-SB



D-SB

		14 mm	14 mm	14 mm	14 mm
15 cm	St	HI-39-251	HI-39-252	HI-39-253	HI-39-254



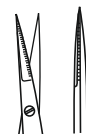
HI-39-255 - HI-39-262



A



D



A-SB



D-SB

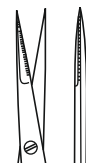
		9 mm	9 mm	9 mm	9 mm
15 cm	St	HI-39-255	HI-39-256	HI-39-257	HI-39-258



A



D



A-SB



D-SB

		14 mm	14 mm	14 mm	14 mm
15 cm	St	HI-39-259	HI-39-260	HI-39-261	HI-39-262



HI-40-263 - HI-40-279
15 cm



A



A



D



A-SB



D-SB

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



HI-40-280 - HI-40-296
15 cm



A



A



D

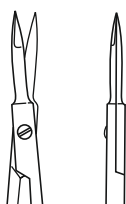
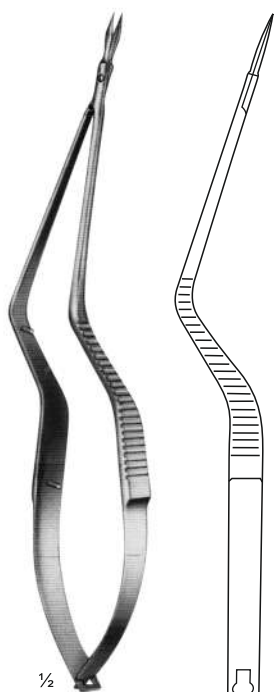


A-SB

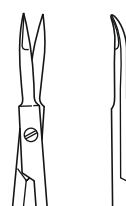


D-SB

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

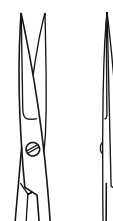
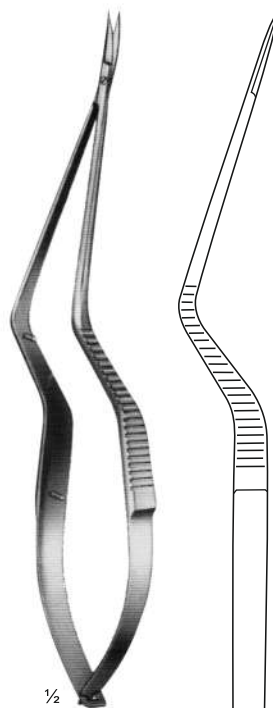


HI-41-297
20 cm
Straight

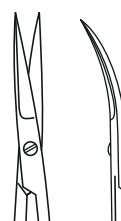


HI-41-298
20 cm
Curved

HI-41-297 - HI-41-298
18 cm

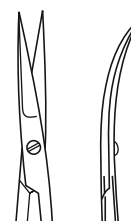


HI-41-299
19 cm
Straight

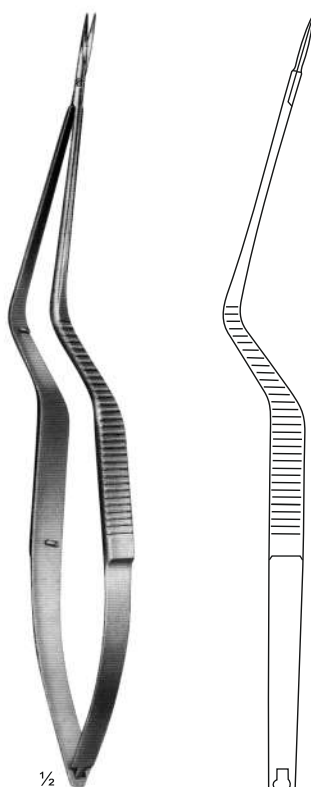


HI-41-300
18.5 cm
Bent Upwards

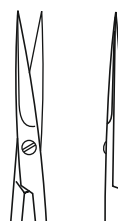
HI-41-299 - HI-41-301
19 cm



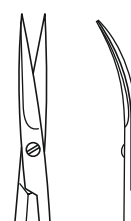
HI-41-301
18.5 cm
Bent Downwards



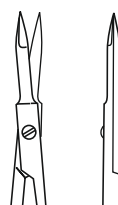
Jacobson
HI-41-302 - HI-41-305
20.5 cm



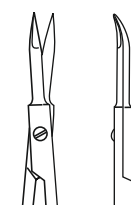
HI-41-302
Straight



HI-41-303
Curved



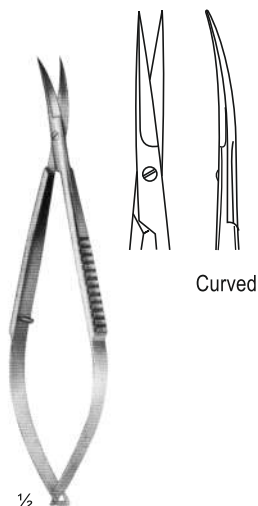
HI-41-304
Straight



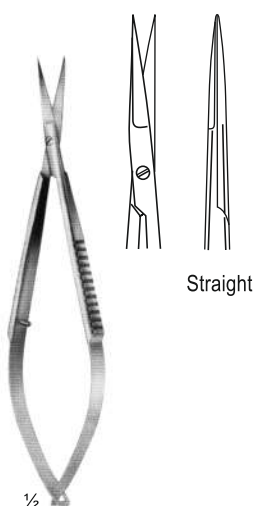
HI-41-305
Curved

Micro Scissors, Micro Dissecting Scissors

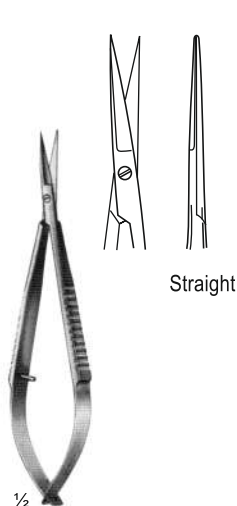
Mikroschere, Mikrodissektionsschere
Tesoura Micro, Tesoura Micro Dissecante
Micro Scissors, Micro Dissecting Scissors



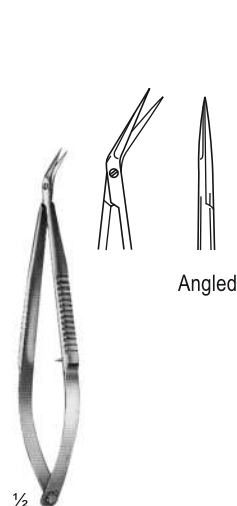
HI-42-306
12 cm



HI-42-307
12 cm



HI-42-308
10 cm



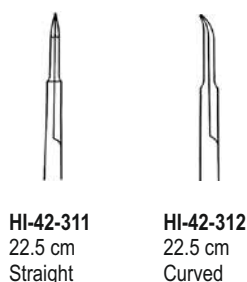
HI-42-309
9.5 cm



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



Yasargil-Type-Vannas, Bayonet Scissors



HI-42-311
22.5 cm
Straight



HI-42-312
22.5 cm
Curved



HI-42-313
16.5 cm



HI-42-316
16.5 cm



HI-42-320
20 cm
Curved

HI-42-314
20 cm

HI-42-317
20 cm

HI-42-315
22.5 cm
Straight

HI-42-318
22.5 cm

HI-42-319
24.5 cm
Curved

Yasargil-Type, Bayonet Dissection Scissors



HI-42-321
20 cm



HI-42-323
20 cm

HI-42-322
22.5 cm
Straight

HI-42-324
22.5 cm
Curved

Yasargil-Type
HI-42-311 - HI-42-324
Scissors



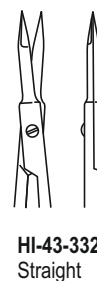
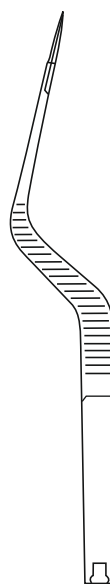
HI-43-328
21 cm
HI-43-329
23 cm
Straight

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

Rhoton-Type
HI-43-328 - HI-43-331
Bayonet scissors



HI-43-332 - HI-43-333
15.5 cm



Ceramic Coated Scissors

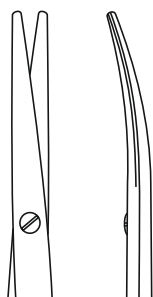
Keramik beschichtete Schere

Tesoura Revestida Cerâmica

Tijeras revestidas de cerámica



18 cm



Curved

HI-44-334 12 cm

HI-44-335 18 cm

HI-44-336 20.5 cm

HI-44-337 23 cm

HI-44-338 25 cm

HI-44-339 30 cm

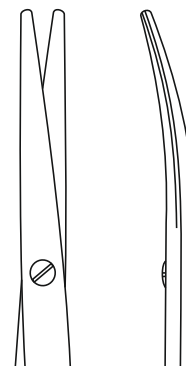
Metzenbaum

HI-44-334 - HI-44-339

Coated with ceramics,
one toothed cutting edge



14 cm



Curved

HI-44-340 14 cm

HI-44-341 18 cm

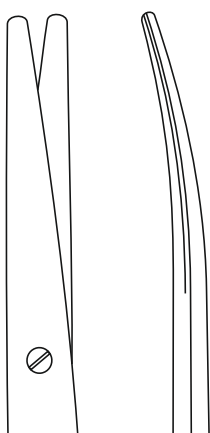
Tönnis-Adson

HI-44-340 - HI-44-341

Coated with ceramics,
one toothed cutting edge



1/2



Curved

Mayo-Lexer

HI-44-342

16 cm

Coated with ceramics,
one toothed cutting edge



20 cm



Curved

HI-44-343 20 cm

HI-44-344 23 cm

Uterine Scissors

Sims

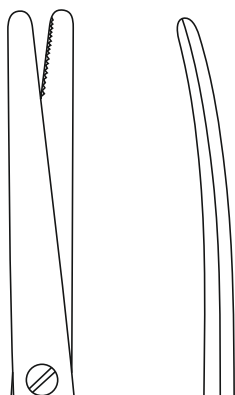
HI-44-343 - HI-44-344

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.



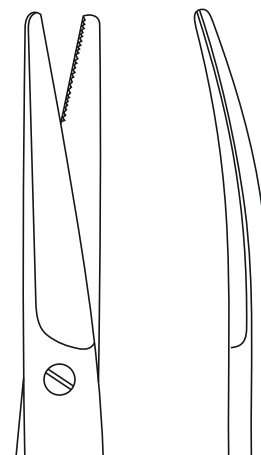
Metzenbaum
HI-45-345 - HI-45-350
 18 cm



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



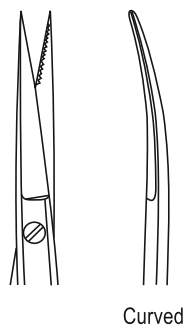
Ligature Scissors
HI-45-351 - HI-45-353
 For synthetic suture material,
 one toothed cutting edge
 14.5 cm



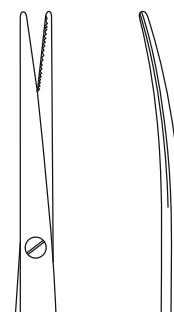
Curved
HI-45-351 14.5 cm
HI-45-352 17 cm
HI-45-353 23 cm



Iris
HI-45-354
 11.5 cm



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



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

Aquila Scissors T.C.

Aquila Schere T.C.

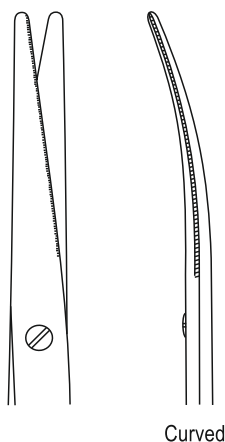
Aquila Scissors T.C.

Aquila Scissors T.C.



1/2

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



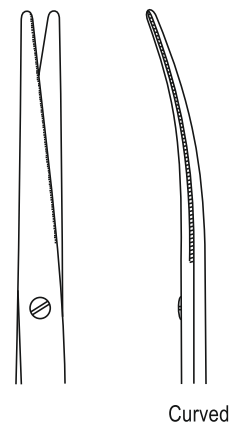
Curved

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



1/2

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



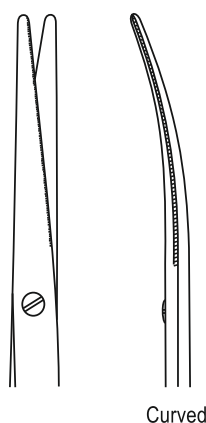
Curved

HI-46-365 14 cm
HI-46-366 18 cm

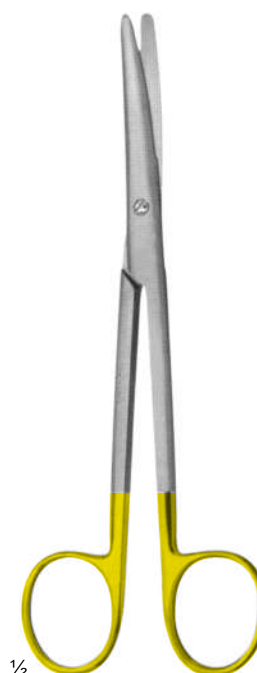


1/2

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

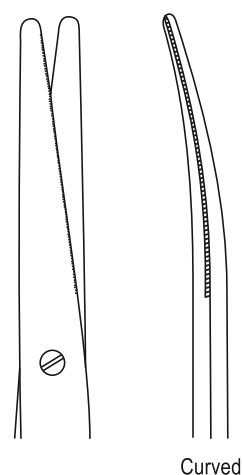


Curved



1/2

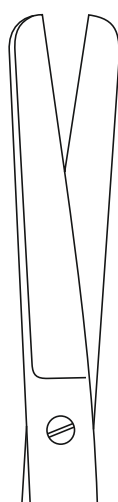
Mayo-Lexer-Aquila
HI-46-368
 17.5 cm
 One toothed cutting edge/
 one cutting edge with knife cut



Curved



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



Straight
HI-47-369
BL / BL



Curved
HI-47-370



Straight
HI-47-371
SH / BL



Curved
HI-47-372



Straight
HI-47-373
SH / SH



Curved
HI-47-374



Mayo
HI-47-375 - HI-47-380
14.5 cm



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



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



$\frac{1}{2}$
Joseph
HI-47-381 - HI-47-382



Straight
HI-47-381
14.5 cm



Curved
HI-47-382
14.5 cm



Dissecting Scissors, Hysterectomy Scissors T.C.

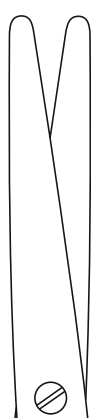
Präparierschere, Hysterektomieschere T.C.

Tesoura de dissecação, Tesoura de histerectomia T.C.

Tijeras de disección, tijeras de histerectomia T.C.



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



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



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



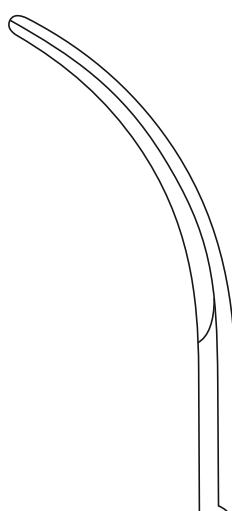
Mayo-Lexer
HI-48-387
16 cm
Dissecting scissors



Curved



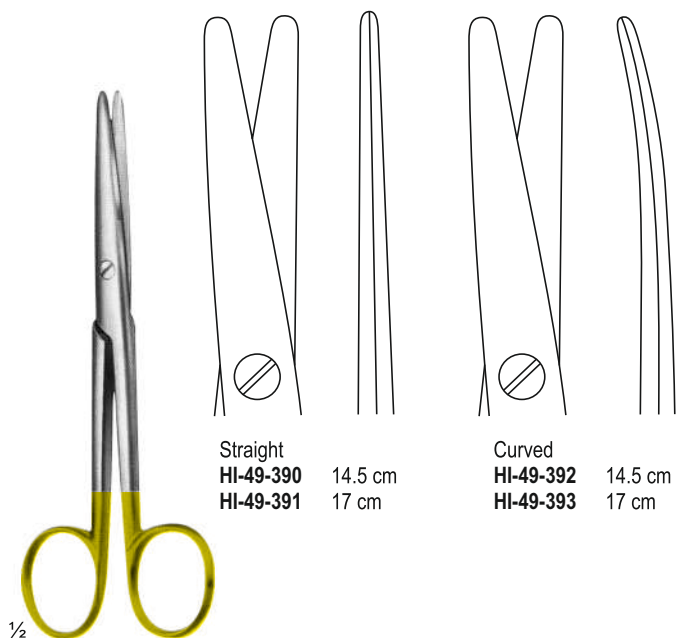
Parametrium
HI-48-388 - HI-48-389
22 cm
Hysterectomy scissors
heavy pattern



Curved
HI-48-388
22 cm



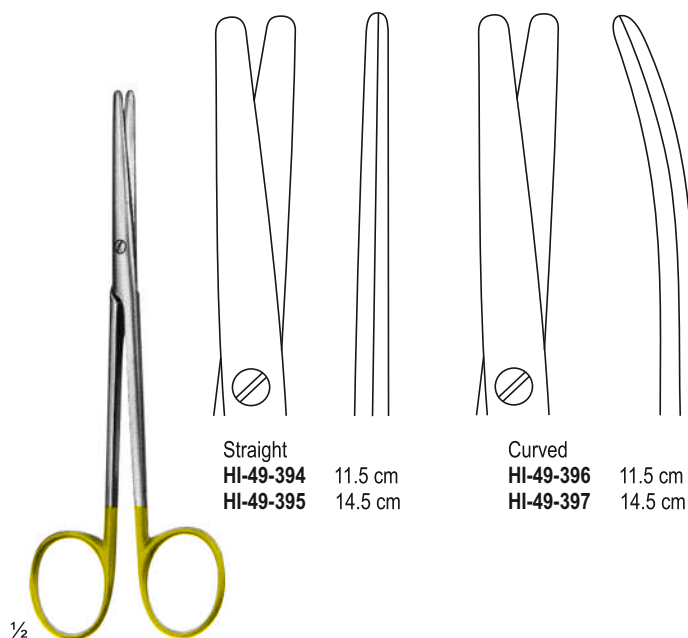
Curved
HI-48-389
23 cm



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

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

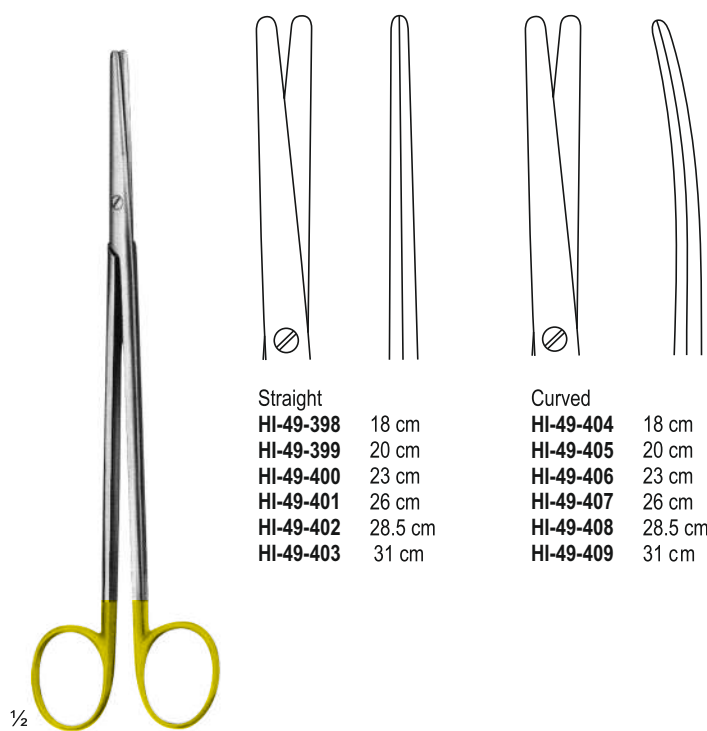
Mayo-Stille
HI-49-390 - HI-49-393
14.5 cm



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

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

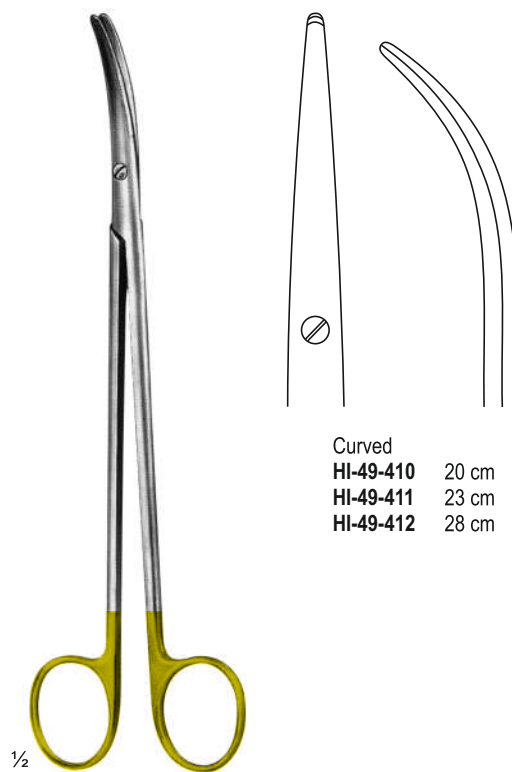
Metzenbaum
HI-49-394 - HI-49-397
14.5 cm



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

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

Metzenbaum
HI-49-398 - HI-49-409
18 cm



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

Metzenbaum-Thorek
HI-49-410 - HI-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.



Straight

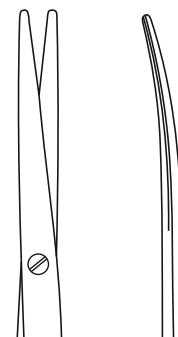
HI-50-413 14.5 cm
HI-50-414 18 cm
HI-50-415 20.5 cm
HI-50-416 23 cm

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



Curved

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



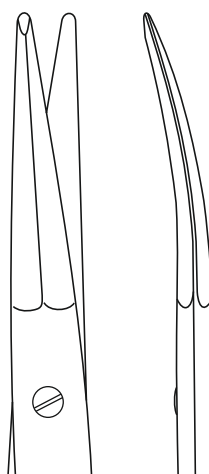
Curved

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



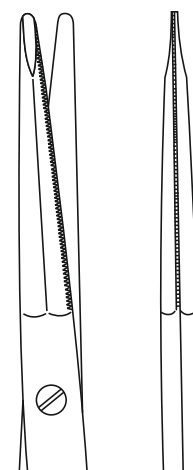
Curved

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



Curved

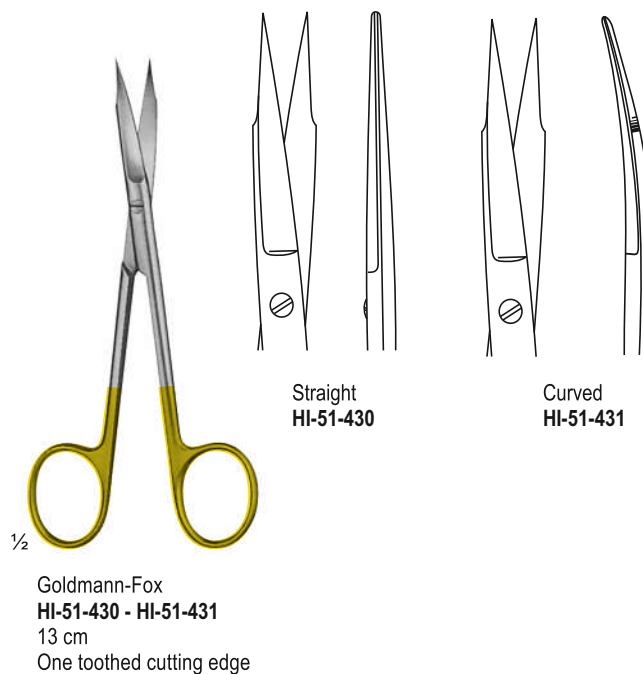
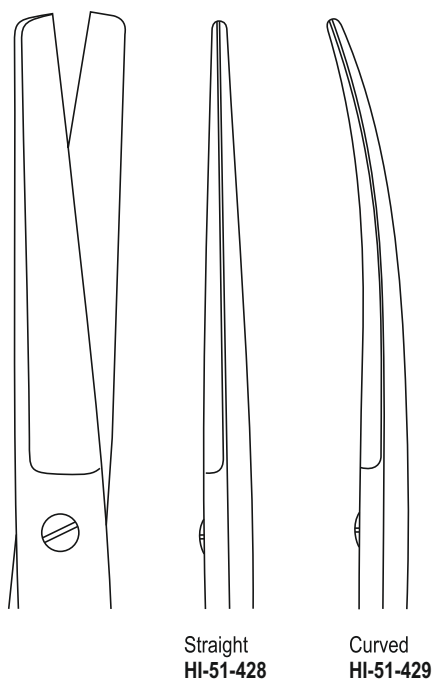
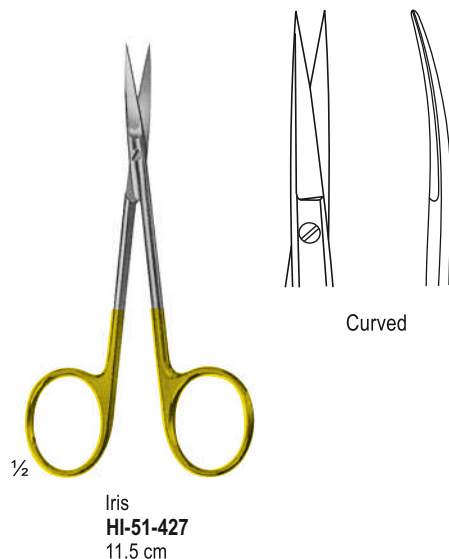
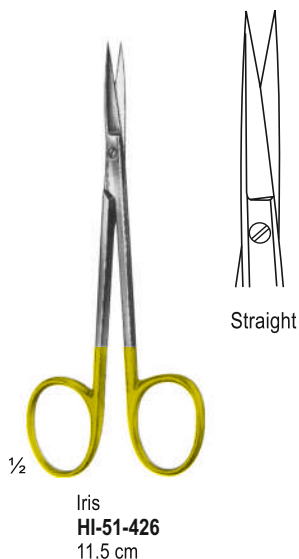
Rees
HI-50-423
17 cm
Face-lift scissors
one toothed cutting edge



Straight

HI-50-424 20.5 cm
HI-50-425 23 cm

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



Angled Scissors T.C.

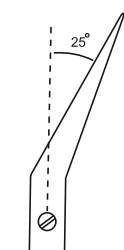
Winkelschere T.C.

Tesoura Angular T.C.

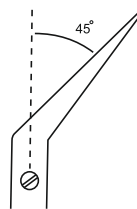
Tijera en ángulo T.C.



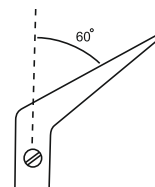
DeBakey
HI-52-432 - HI-52-437
23 cm



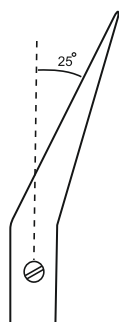
HI-52-432
19 cm



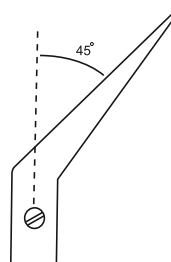
HI-52-433
18.5 cm



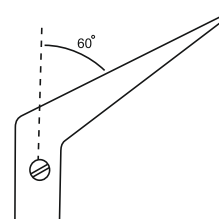
HI-52-434
18 cm



HI-52-435
23 cm



HI-52-436
23 cm



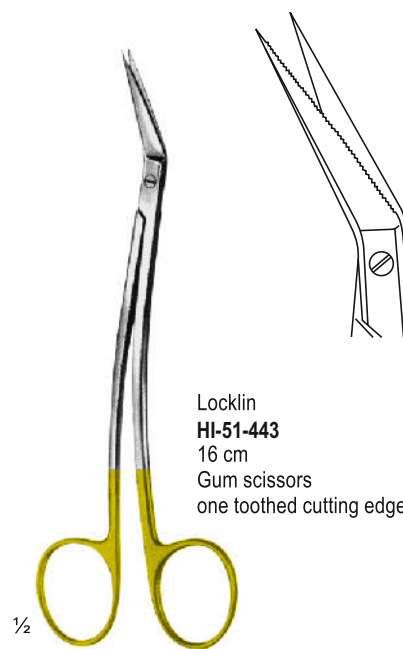
HI-52-437
22 cm



HI-52-438
11 cm



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



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



Dissecting & Tissue Forceps

Präparierende & Gewebszange

Pinça de dissecação e tecido

Disección y pinzas de tejido

Page 53-71

Dissecting Forceps

Präparierzange

Pinça de dissecação

Pinzas de disección



HI-53-001 10.5 cm
HI-53-002 11.5 cm
HI-53-003 13 cm
HI-53-004 14.5 cm
HI-53-005 16 cm
HI-53-006 18 cm
HI-53-007 20 cm
HI-53-008 23 cm
HI-53-009 25 cm
HI-53-010 30.5 cm

1/2

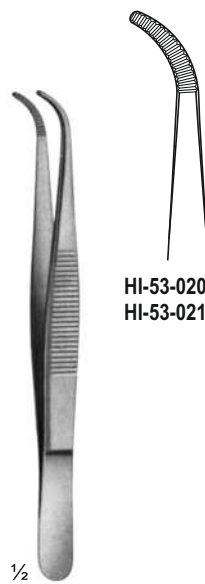
Standard (Thumb)
HI-53-001 - HI-53-010
 11.5 cm



HI-53-011 12 cm
HI-53-012 13 cm
HI-53-013 14.5 cm
HI-53-014 16 cm
HI-53-015 18 cm
HI-53-016 20 cm
HI-53-017 23 cm
HI-53-018 25 cm
HI-53-019 30 cm

1/2

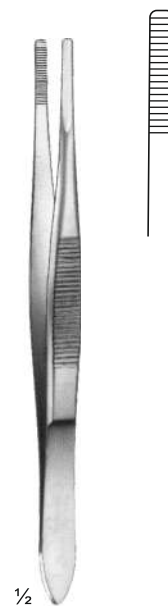
Narrow (Thumb)
HI-53-011 - HI-53-019
 12 cm



HI-53-020 13 cm
HI-53-021 14.5 cm

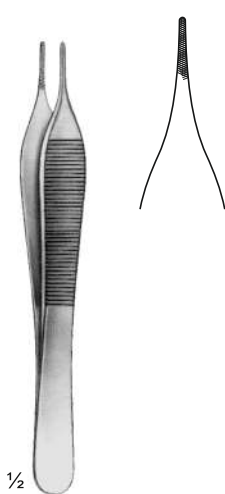
1/2

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



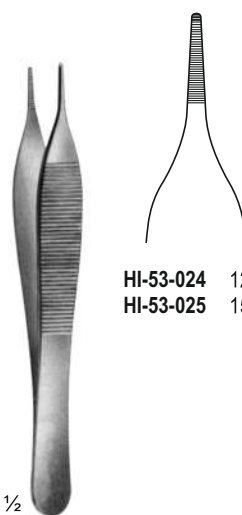
1/2

Stille
HI-53-022
 15 cm



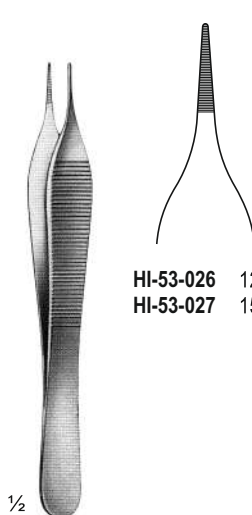
1/2

Adson
HI-53-023
 12 cm



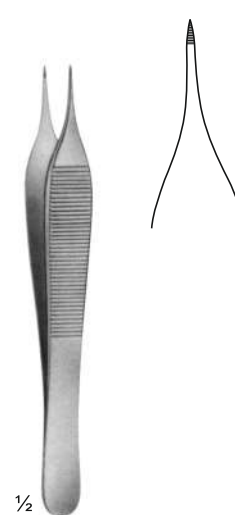
1/2

Adson
HI-53-024 - HI-53-025
 12 cm



1/2

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



1/2

Thorek
HI-53-028
 12 cm
 Corneal forceps

Dissecting Forceps

Präparierzange
Pinça de dissecação
Pinzas de disección



HI-54-029 12.5 cm
HI-54-030 15 cm

Semken
HI-54-029 - HI-54-030
12.5 cm



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

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



Taylor
HI-54-034
17 cm



Taylor
HI-54-035
18 cm
With dissector end



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

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



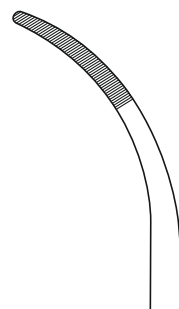
Waugh
HI-54-040
20 cm



Brophy
HI-54-041 - HI-54-042
20 cm



HI-54-041
20 cm
Straight



HI-54-042
20 cm
Curved



Brophy
HI-54-043
20 cm



Angled

Dissecting Forceps

Präparierzange

Pinça de dissecação

Pinzas de disección



McIndoe
HI-55-044
15 cm



Cushing
HI-55-045 - HI-55-046
17.5 cm



HI-55-045
17.5 cm
Straight



HI-55-046
17 cm
Curved



Gerald
HI-55-047 - HI-55-048
17.5 cm



HI-55-047
17.5 cm
Straight



HI-55-048
17 cm
Curved



Gerald
HI-55-049
18 cm
Bayonet



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



HI-55-050 18.5 cm
HI-55-051 20 cm



Bonney
HI-55-052
17.5 cm



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



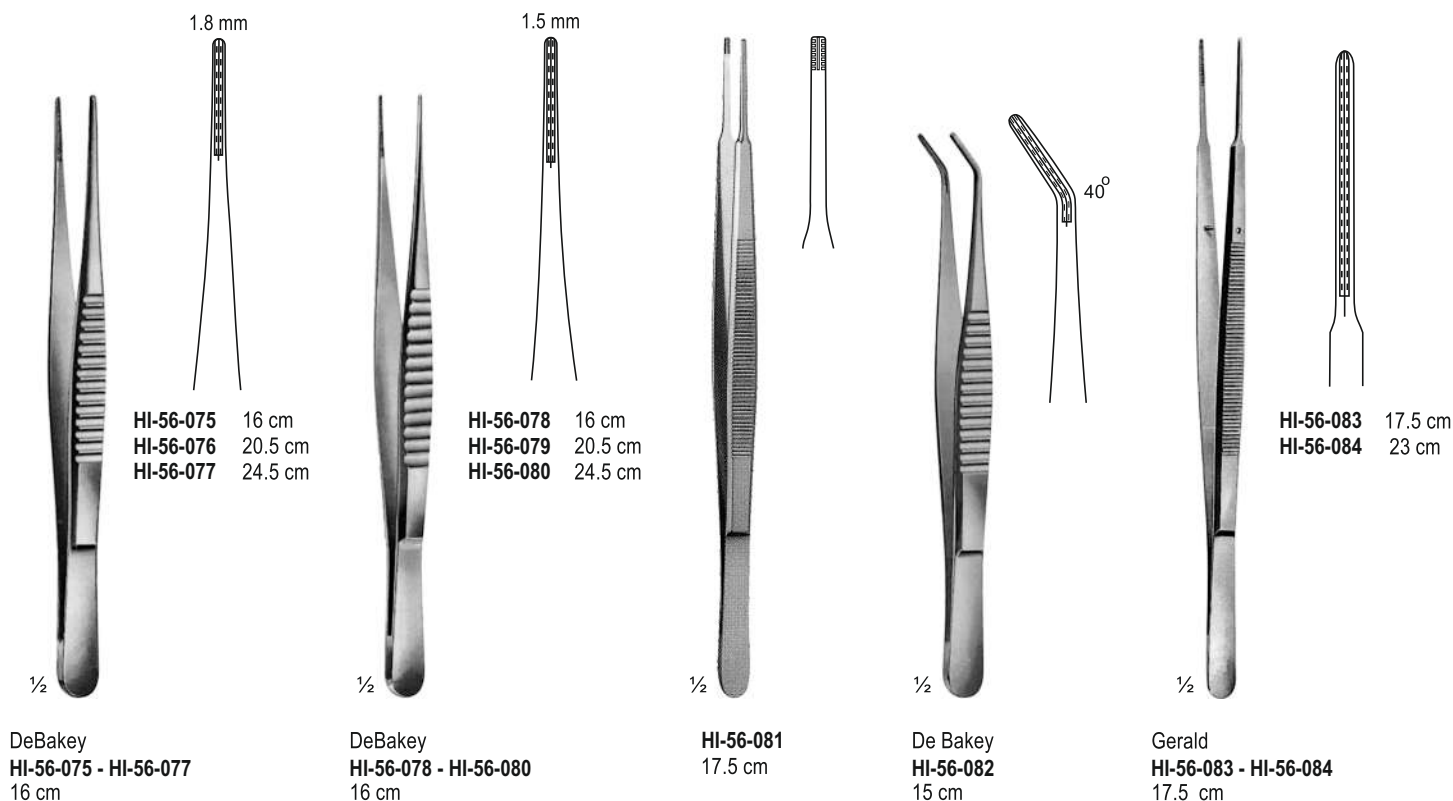
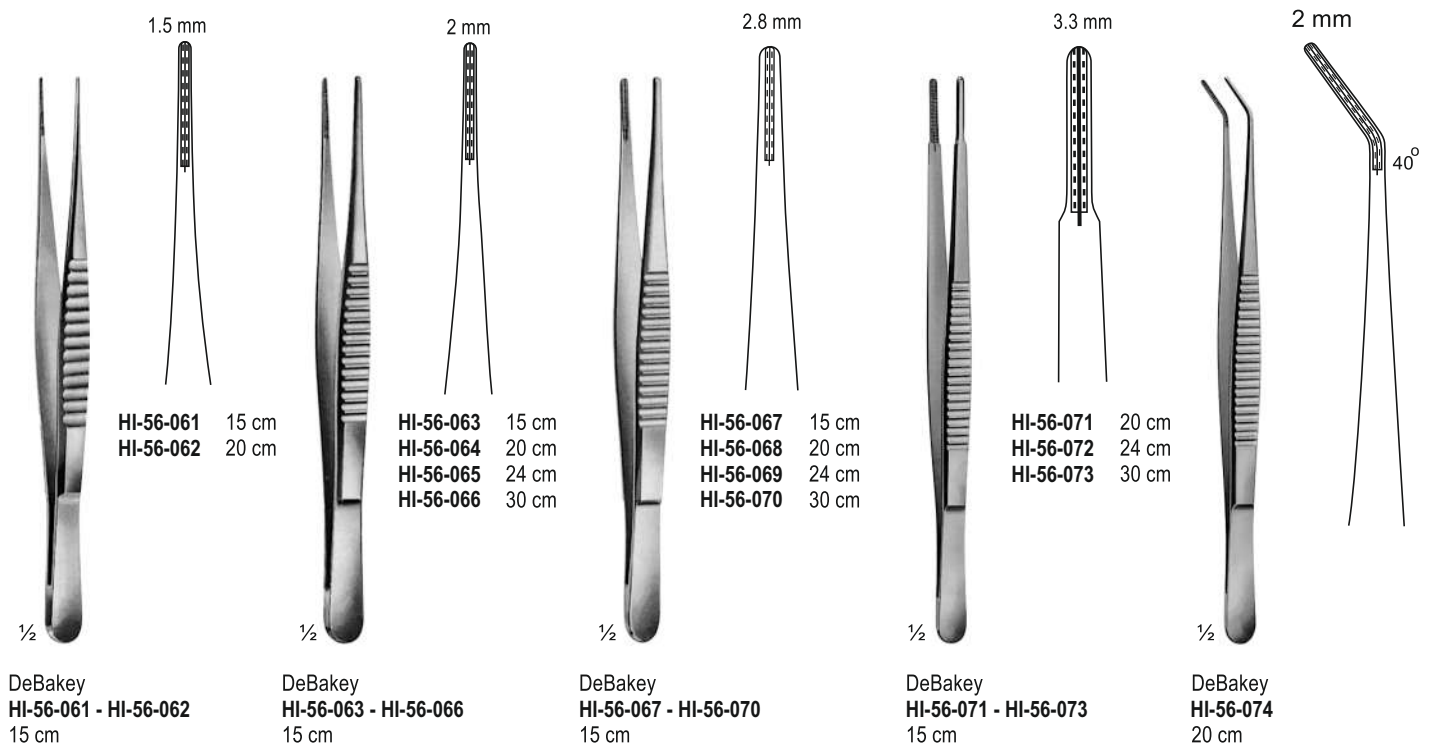
English
B/End
HI-55-058 - HI-55-060
HI-55-058 12.5 cm
HI-55-059 15 cm
HI-55-060 18 cm

Atraumatic Dressing Forceps

Atraumatische Verbandzange

Pinça de Molho Atraumático

Fórceps de vendaje atraumático

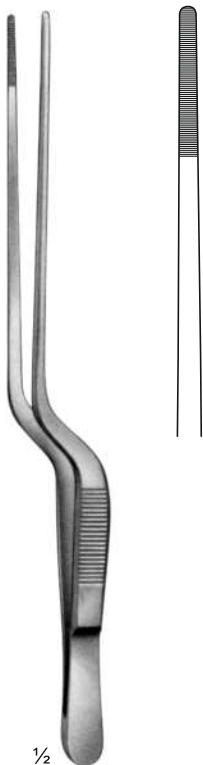


Bayonet - Shaped Forceps, Ear Forceps, Nasal Forceps

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
HI-57-085
20 cm
Ear forceps



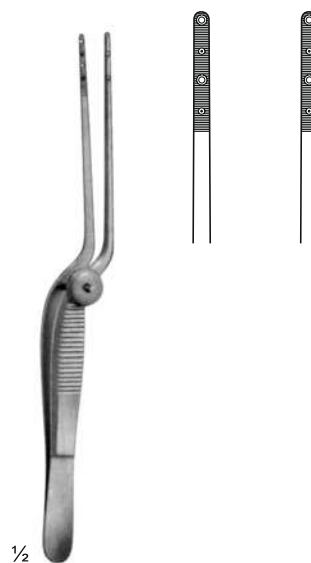
Taylor
HI-57-086
18.5 cm
Dressing forceps with
dissector end



Jansen
HI-57-087
16 cm
Nasal tampon
forceps



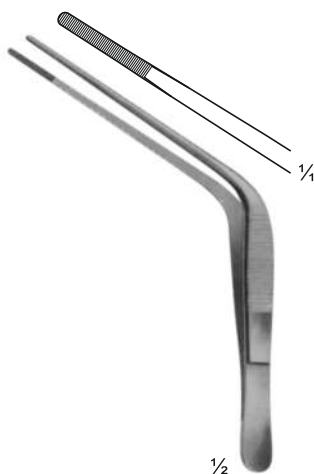
Lucae
HI-57-088
14 cm
Ear forceps



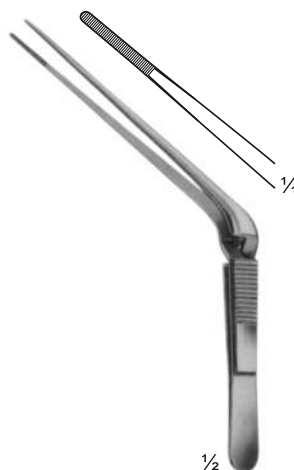
Cottle
HI-57-089
14 cm
Skin Grasping forceps with
jaws toothed and serrated



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



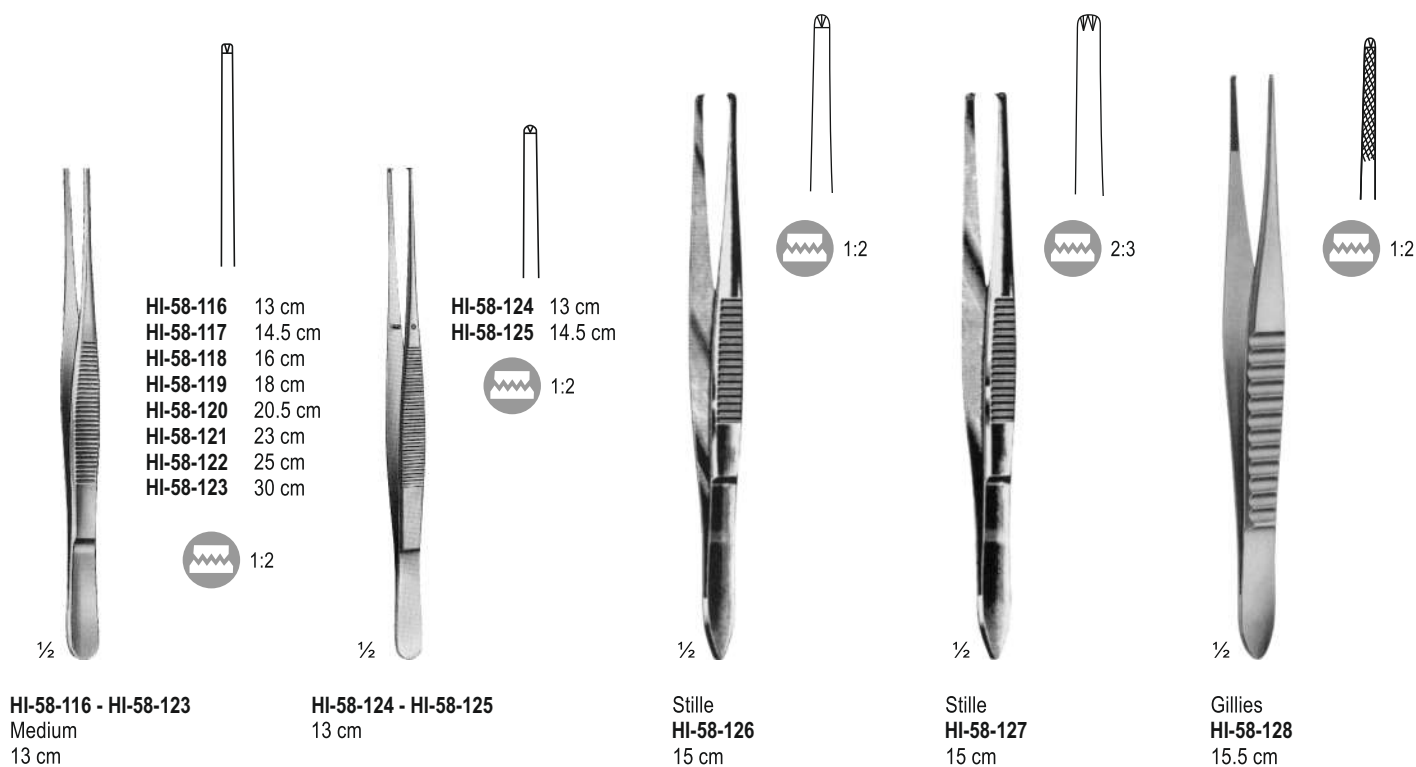
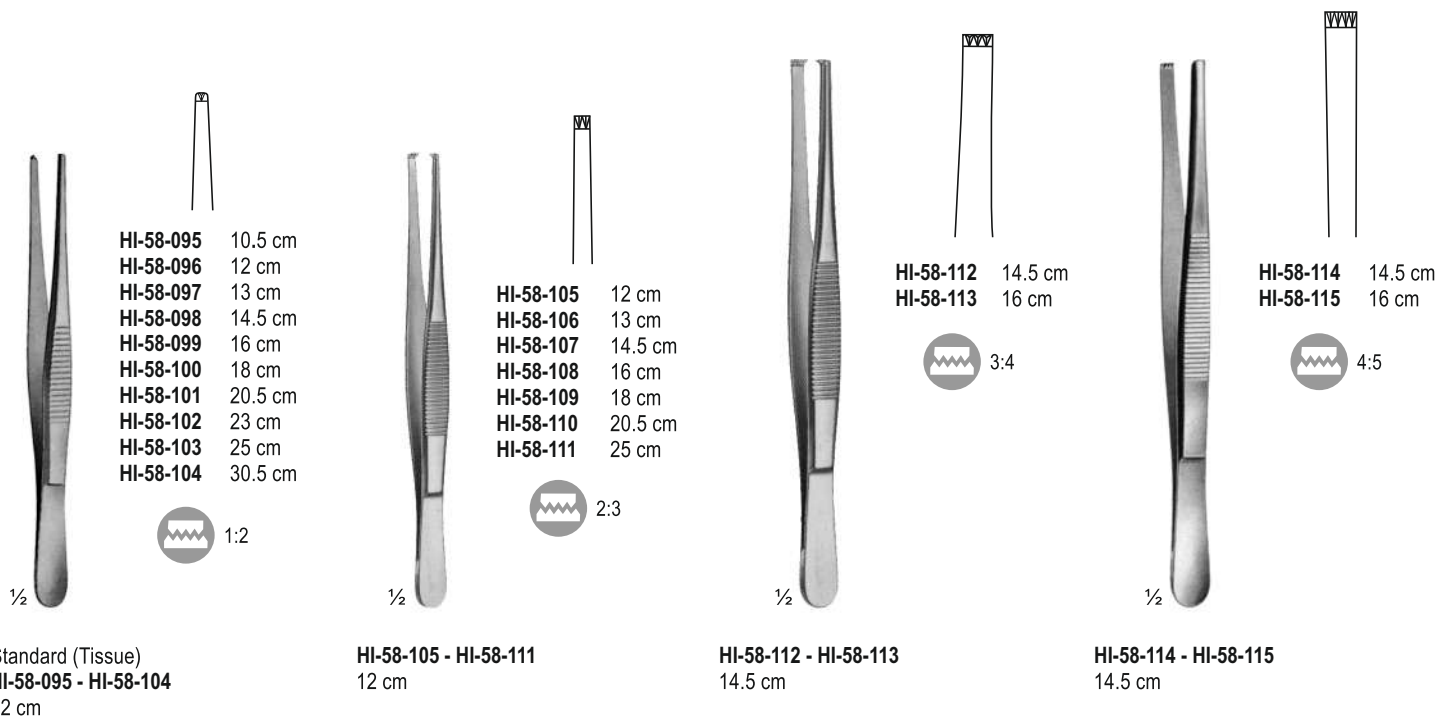
Wilde
HI-57-092
11.5 cm
Ear forceps



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



Tröeltsch
HI-57-094
14 cm
Nasal tampon
forceps



Tissue Forceps

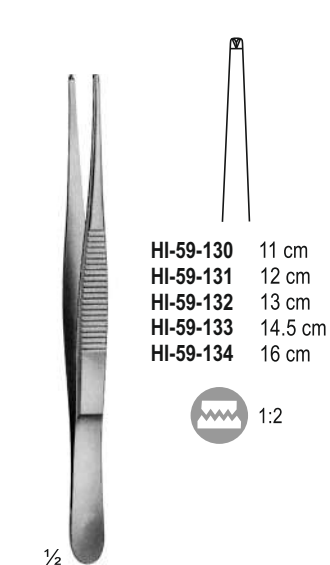
Gewebefingerzange

Pinça de tecido

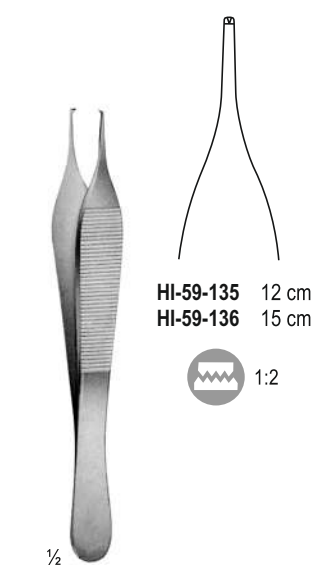
Pinzas de tejido



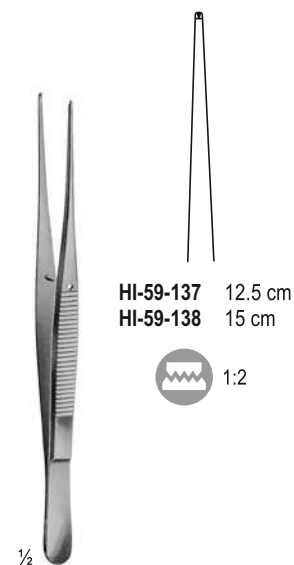
Graefe
HI-59-129
10 cm



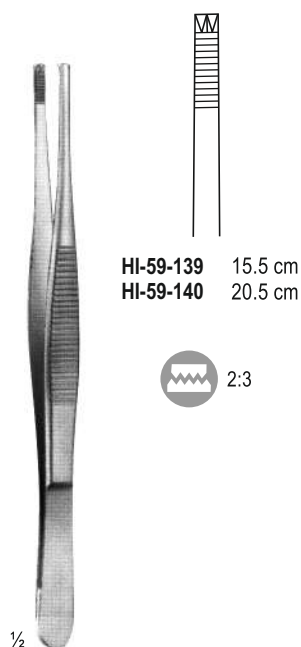
Graefe
HI-59-130 - HI-59-134
13 cm



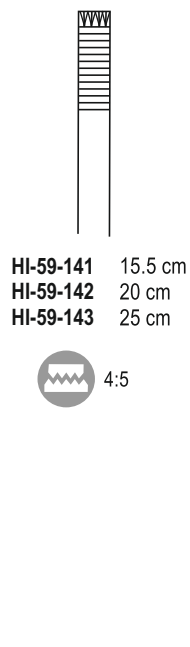
Adson
HI-59-135 - HI-59-136
12 cm



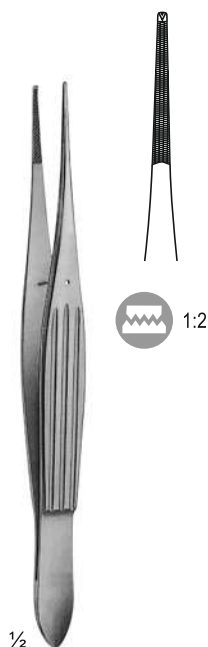
Semken
HI-59-137 - HI-59-138
12.5 cm



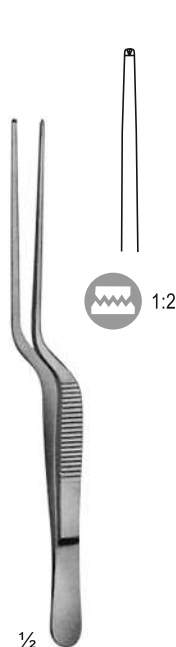
Adlerkreutz
HI-59-139 - HI-59-143
15.5 cm



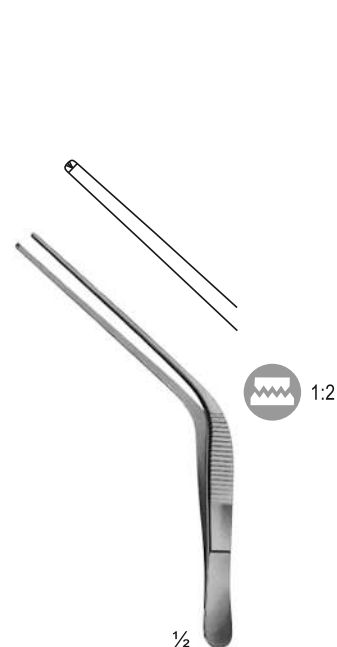
HI-59-141 15.5 cm
HI-59-142 20 cm
HI-59-143 25 cm



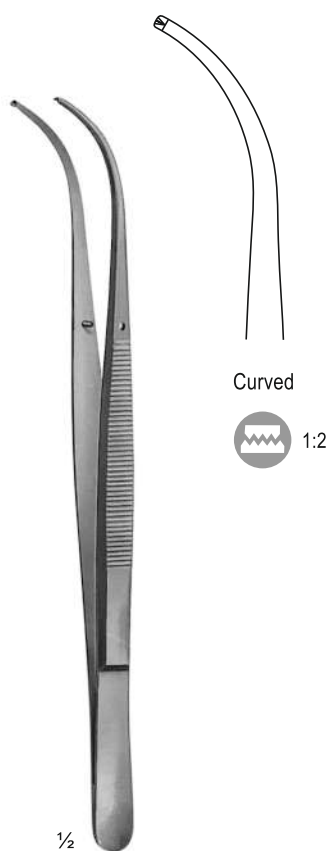
McIndoe
HI-59-144
15 cm



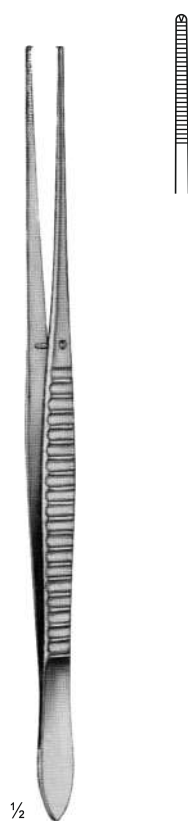
Lucae
HI-59-145
14 cm
Boyonet



Tröeltsch
HI-59-146
11 cm



Brophy
HI-60-147
20 cm



Waugh
HI-60-148
20.5 cm



Taylor
HI-60-149
17.5 cm



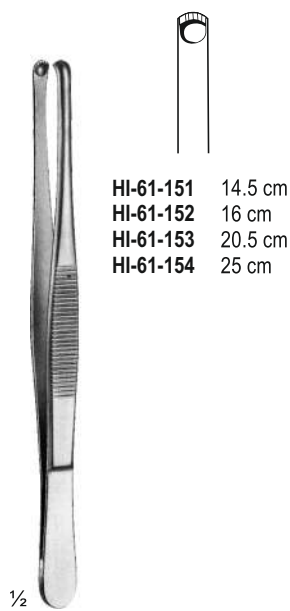
Taylor
HI-60-150
18.5 cm
With dissector end

Tissue Forceps, Dissecting Forceps

Gewebepinzetten, Präparierpinzetten

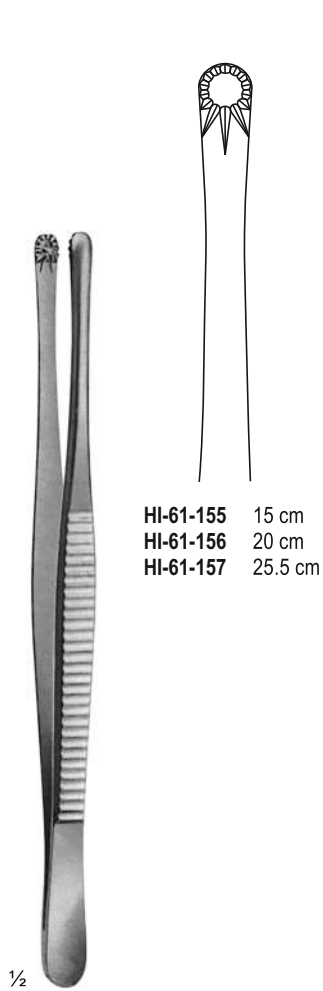
Pinça de tecido, fórceps dissecante

Pinzas de tejido, pinzas de disección



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

Durante
HI-61-151 - HI-61-154
14.5 cm

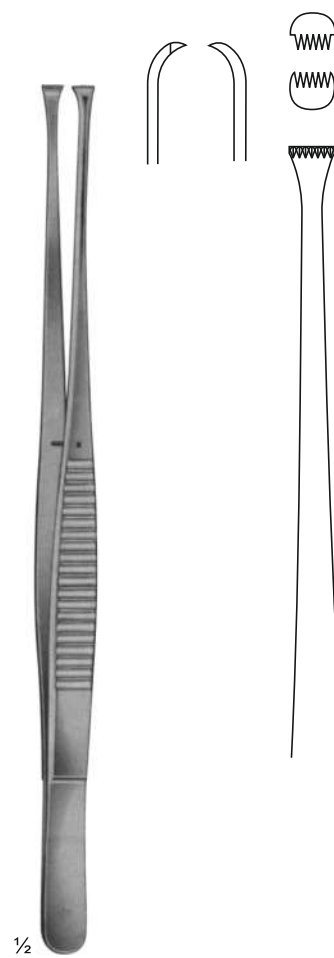


HI-61-155 15 cm
HI-61-156 20 cm
HI-61-157 25.5 cm

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



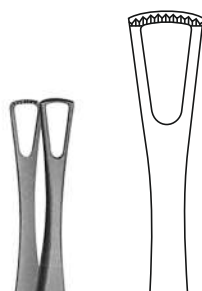
Mayo
HI-61-158
23 cm



Nelson
HI-61-159
23 cm
Lung dissecting forceps

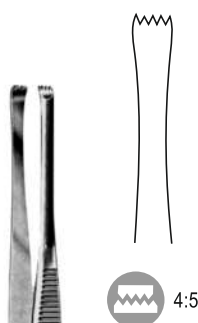
Tissue Forceps, Intestinal Forceps

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



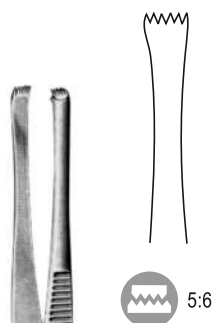
1/2

Duval
HI-62-160
14.5 cm
Intestinal forceps



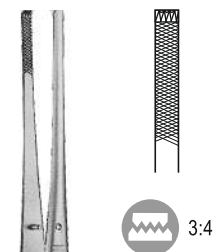
1/2

Stone
HI-62-161
15 cm



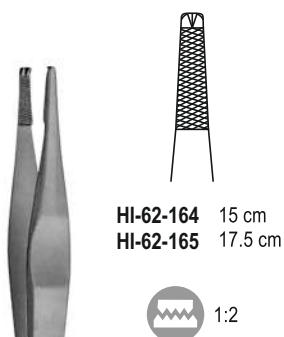
1/2

Lerche
HI-62-162
15 cm



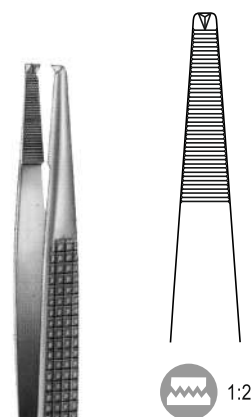
1/2

Stille-Barraya
HI-62-163
18 cm



1/2

Lane
HI-62-164 - HI-62-165
15 cm



1/2

Bonney
HI-62-166
17.5 cm



1/2

Singley-Tuttle
HI-62-167
18 cm

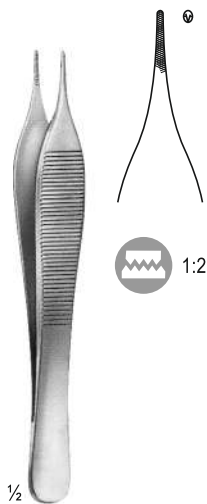


1/2

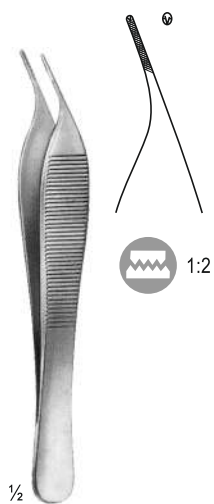
Denis-Browne
HI-62-168
19 cm
Intestinal forceps

Micro, Tissue Forceps

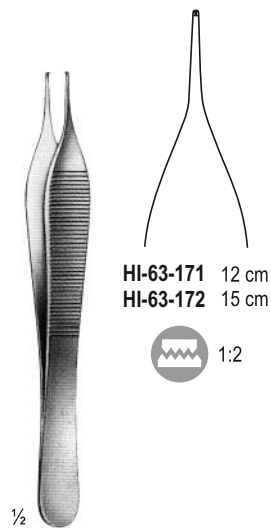
Mikro-, Gewebezange
Micro, pinça de tecido
Micro, pinzas de tejido



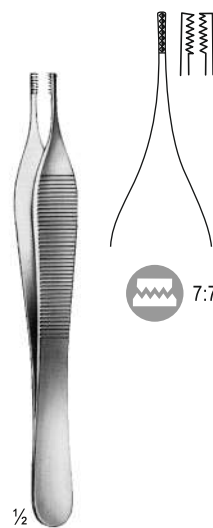
Mini-Adson
HI-63-169
12 cm



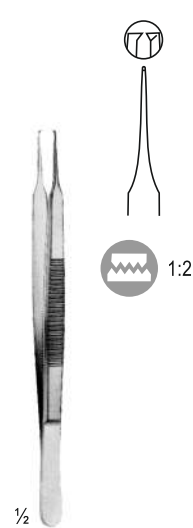
Mini-Adson
HI-63-170
12 cm



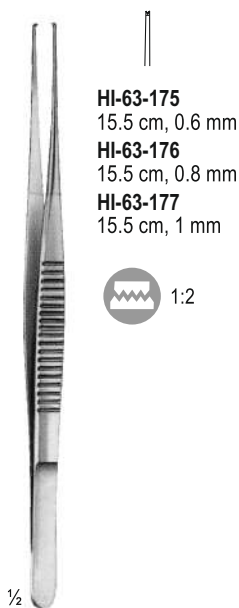
Micro-Adson
HI-63-171 - HI-63-172
12 cm



Adson-Brown
HI-63-173
12 cm



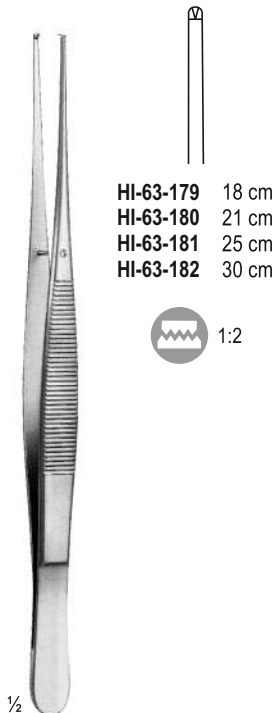
HI-63-174
10.5 cm
very fine teeth



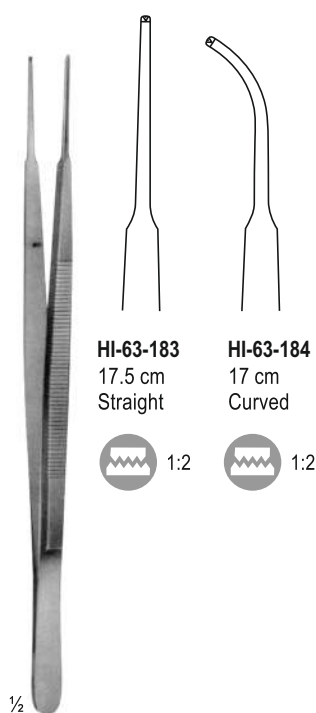
Micro
HI-63-175 - HI-63-177
15.5 cm, 0.6 mm



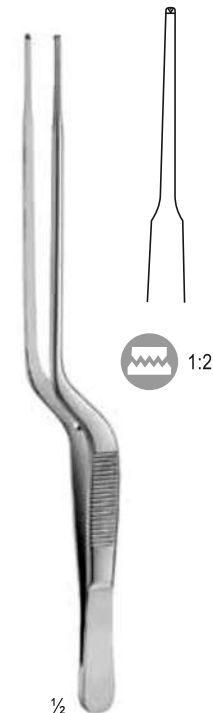
Cushing
HI-63-178
18 cm



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



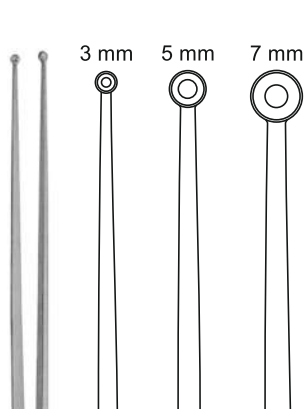
Gerald
HI-63-183 - HI-63-184
17.5 cm



Gerald
HI-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

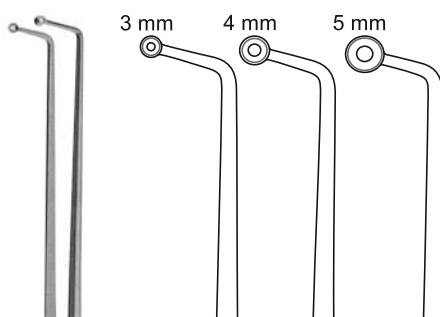


Heifetz

Curette jaws, toothed

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

1/2

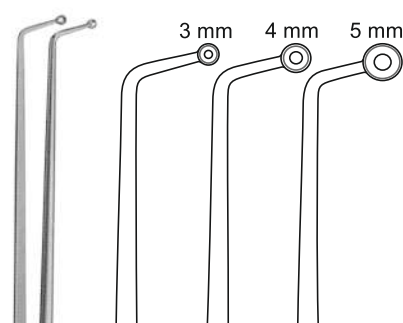


Yasargil-Type

Spoon-shaped jaws, forward

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

1/2

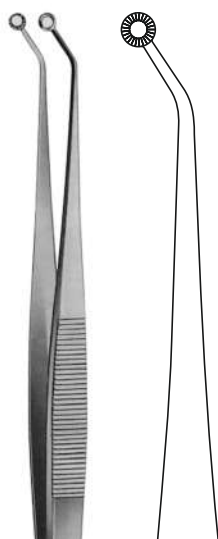


Yasargil-Type

Spoon-shaped jaws, reserve

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

1/2



Hunt

HI-64-197

20 cm

Tumor and vessel forceps

1/2



Hunt

HI-64-198

20 cm

Tumor and vessel forceps

1/2



Yasargil

HI-64-199 - HI-64-203

22 cm

Tumor and vessel forceps

1/2

Yasargil-Type Spoon-Shaped Jaws



HI-64-199
 22 cm
 3 mm



HI-64-200
 22 cm
 5 mm



HI-64-201
 22 cm
 7 mm

Yasargil-Type Flat Jaws Serrated



HI-64-202
 22 cm
 3 mm



HI-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)



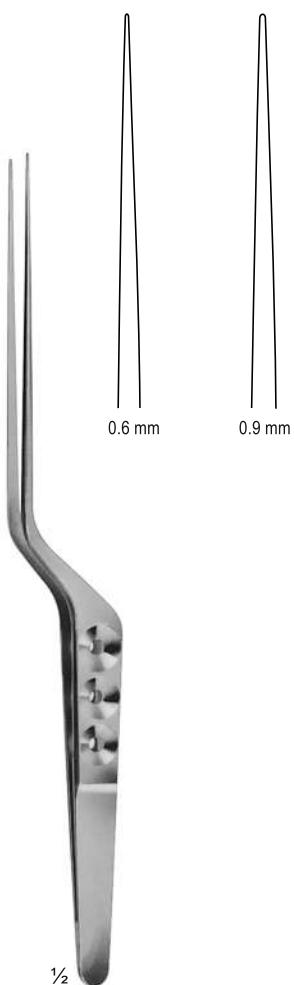
Yasargil

HI-65-204 - HI-65-205

HI-65-204 20 cm 0.6 mm

HI-65-205 20 cm 0.9 mm

Bayonet



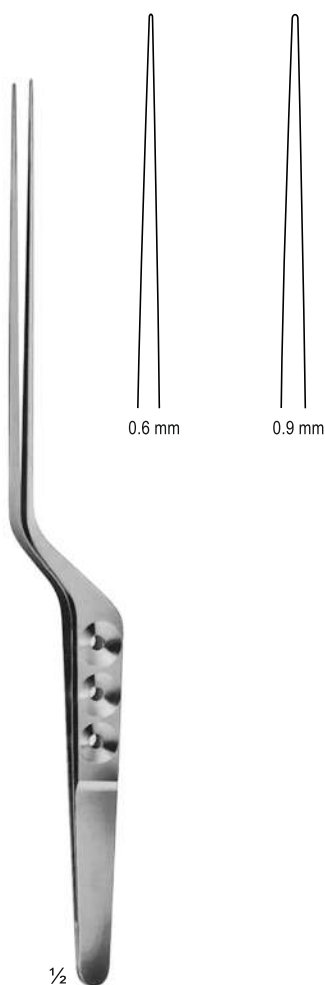
Yasargil

HI-65-206 - HI-65-207

HI-65-206 22 cm 0.6 mm

HI-65-207 22 cm 0.9 mm

Bayonet



Yasargil

HI-65-208 - HI-65-209

HI-65-208 24 cm 0.6 mm

HI-65-209 24 cm 0.9 mm

Bayonet



Yasargil

HI-65-210 - HI-65-213

HI-65-210 18 cm

HI-65-211 20 cm

HI-65-212 22 cm

HI-65-213 24 cm

Bayonet

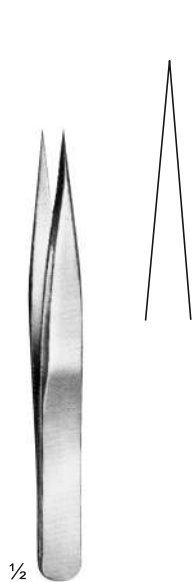


Fig. 3
HI-66-314
12 cm

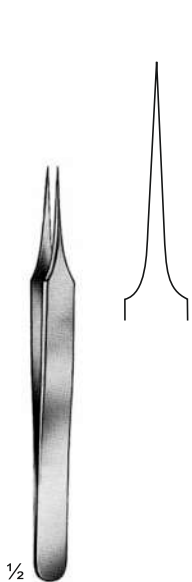


Fig. 4
HI-66-315
11 cm

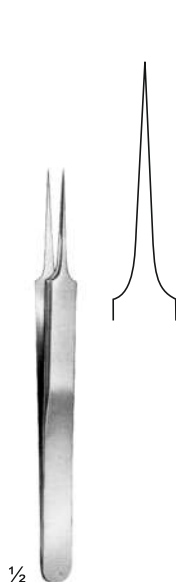


Fig. 5
HI-66-316
11 cm

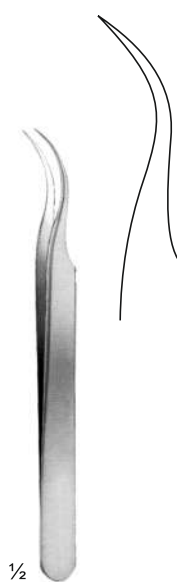
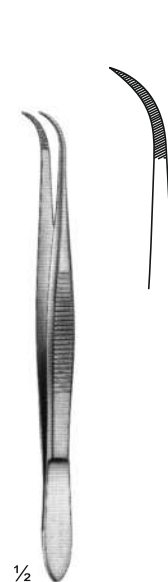


Fig. 7
HI-66-317
12 cm



HI-66-318
12.5 cm
Serrated jaw



HI-66-319 - HI-66-320
HI-66-319 12 cm
HI-66-320 13.5 cm



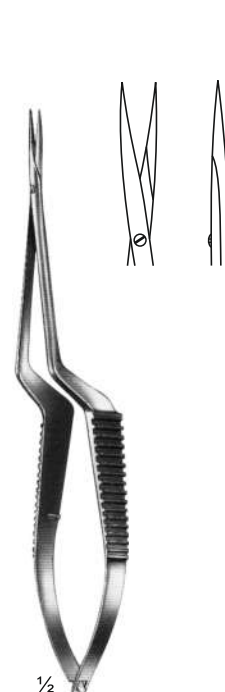
HI-66-321
18 cm



HI-66-322
11 cm



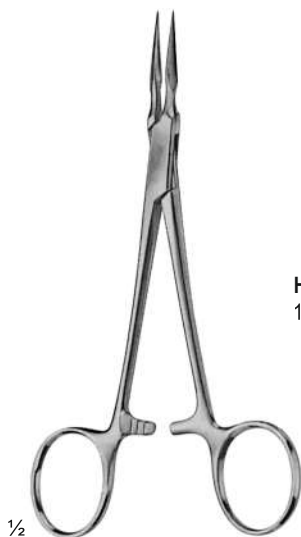
HI-66-323
11 cm
with 10° angled
dilation tips



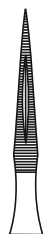
HI-66-324
15.5 cm
Micro tying forceps,
smooth jaw

Splinter Forceps, Cilia Forceps, Foreign Body Forceps

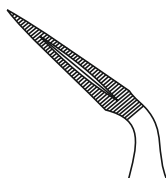
Splinter-Zange, Cilia-Zange, Former-Baby-Zange
 Pinça Splinter, Pinças Cilia, Pinças estrangeiras para bebês
 Pinzas astilladas, pinzas cilia, pinzas forâneas para bebês



Stieglitz
HI-67-325 - HI-67-326
 Splinter forceps



HI-67-325
 10.5 cm



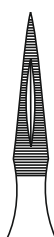
HI-67-326
 10.5 cm



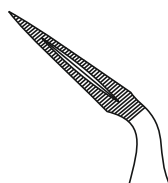
Peet
HI-67-327
 12 cm
 Splinter forceps



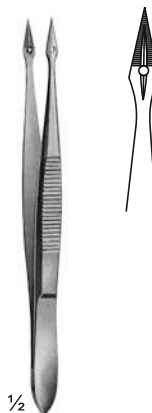
Ralk
HI-67-328 - HI-67-329
 14 cm
 Splinter forceps



HI-67-328
 15 cm



HI-67-329
 14 cm



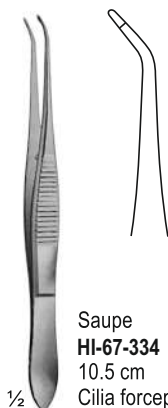
Hunter
HI-67-330
 10.5 cm
 Splinter forceps



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



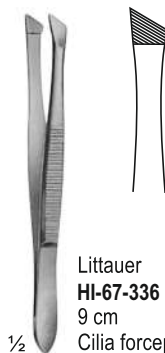
HI-67-331 7.5 cm
HI-67-332 9 cm
HI-67-333 11.5 cm



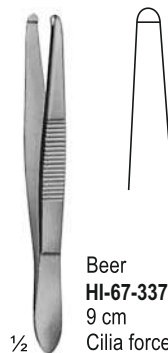
Saupe
HI-67-334
 10.5 cm
 Cilia forceps



Schaaf
HI-67-335
 9.5 cm
 Foreign body forceps



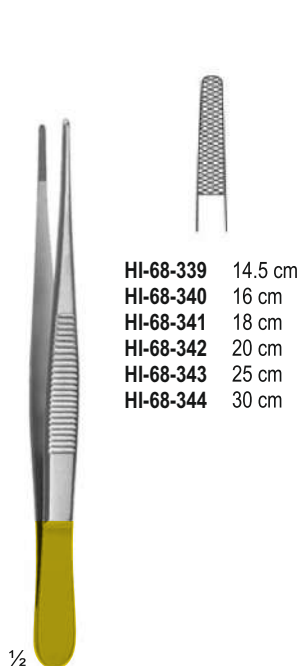
Littauer
HI-67-336
 9 cm
 Cilia forceps



Beer
HI-67-337
 9 cm
 Cilia forceps

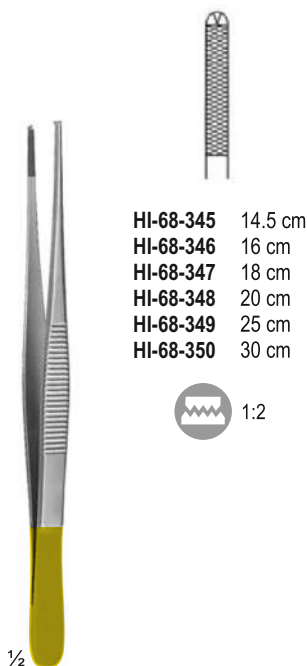


Douglas
HI-67-338
 9 cm
 Cilia forceps



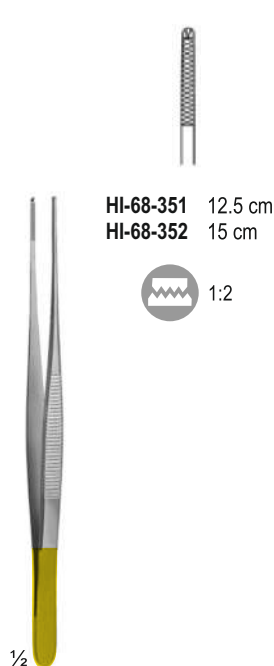
HI-68-339 14.5 cm
HI-68-340 16 cm
HI-68-341 18 cm
HI-68-342 20 cm
HI-68-343 25 cm
HI-68-344 30 cm

Standard
HI-68-339 - HI-68-344
14.5 cm



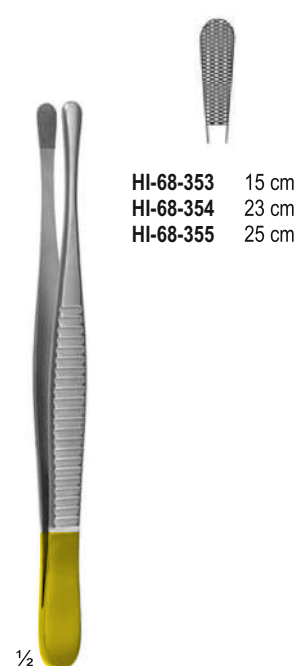
HI-68-345 14.5 cm
HI-68-346 16 cm
HI-68-347 18 cm
HI-68-348 20 cm
HI-68-349 25 cm
HI-68-350 30 cm

Standard
HI-68-345 - HI-68-350
14.5 cm



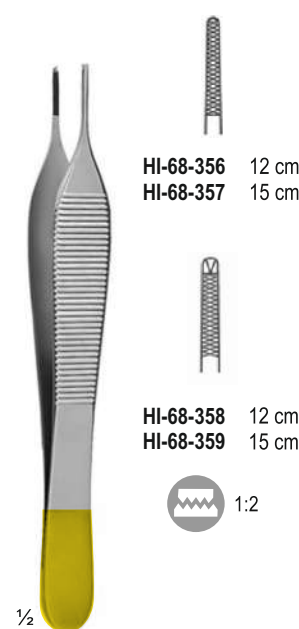
HI-68-351 12.5 cm
HI-68-352 15 cm

Narrow
HI-68-351 - HI-68-352
12.5 cm



HI-68-353 15 cm
HI-68-354 23 cm
HI-68-355 25 cm

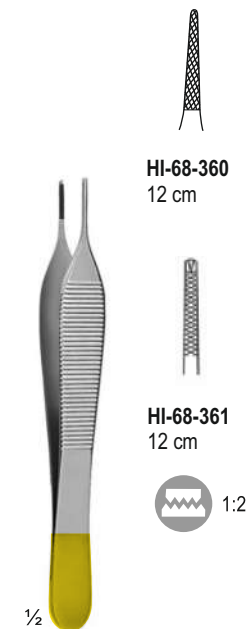
Wangensteen
HI-68-353 - HI-68-355
15 cm



HI-68-356 12 cm
HI-68-357 15 cm

HI-68-358 12 cm
HI-68-359 15 cm

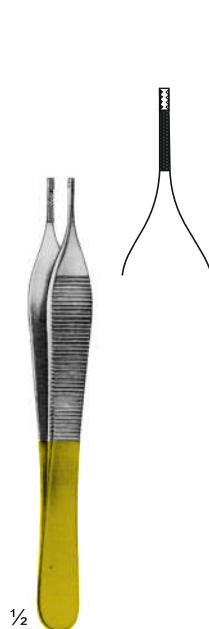
Adson
HI-68-356 - HI-68-359
15 cm



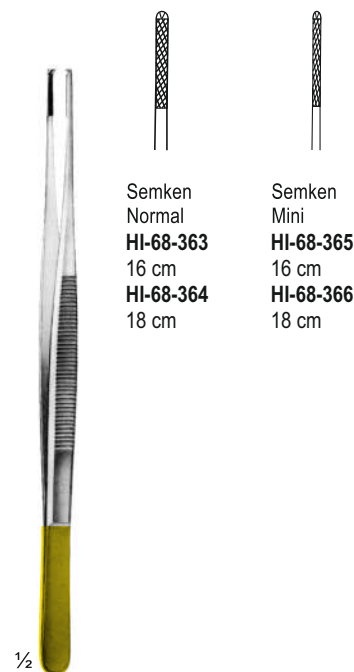
HI-68-360 12 cm

HI-68-361 12 cm

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



Adson-brown
HI-68-362
12 cm



Semken
Normal
HI-68-363 16 cm
HI-68-364 18 cm

Semken
Mini
HI-68-365 16 cm
HI-68-366 18 cm

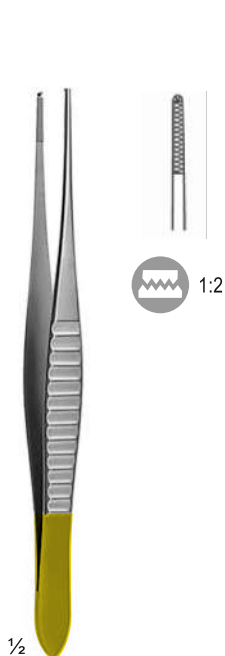
Semken
HI-68-363 - HI-68-366
16 cm

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.



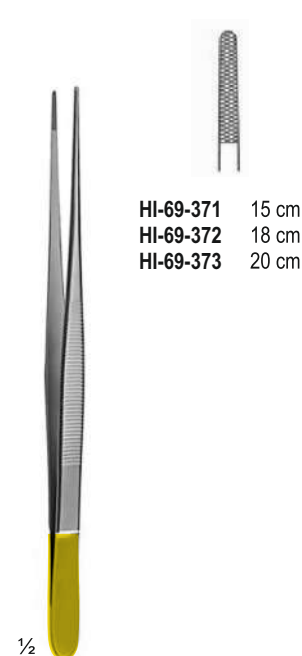
Gillies
HI-69-367
15 cm



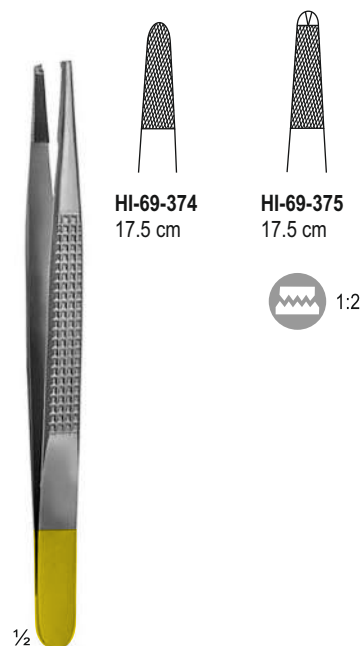
McIndoe
HI-69-368
15 cm



Gerald
HI-69-369 - HI-69-370



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



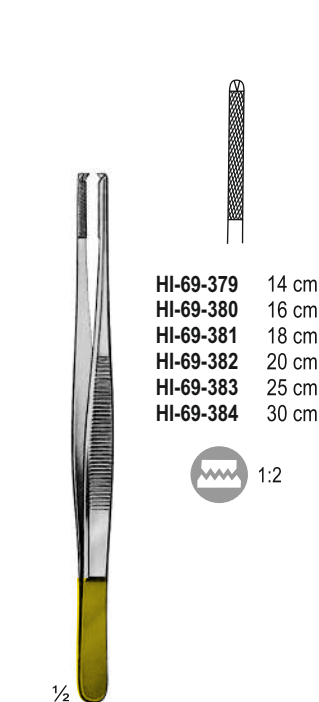
Bonney
HI-69-374 - HI-69-375



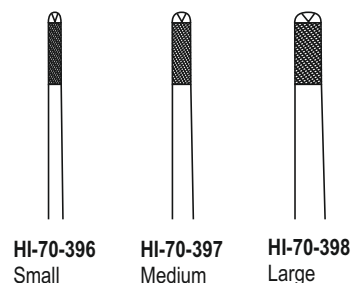
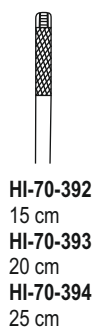
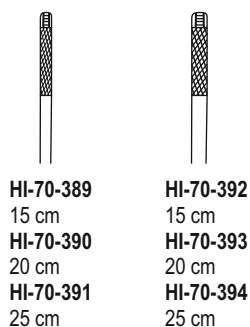
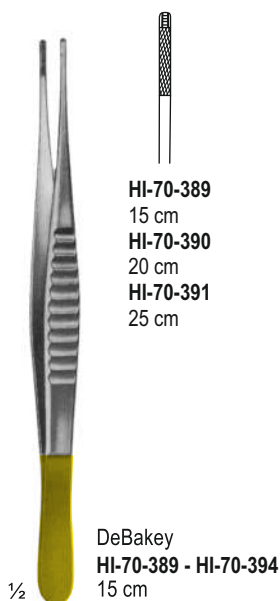
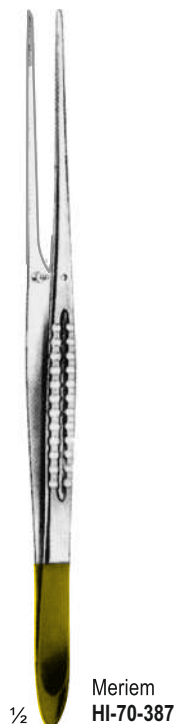
Cushing
HI-69-376 - HI-69-377
17.5 cm



Cushing-Taylor
HI-69-378
18 cm



Oehler
HI-69-379 - HI-69-384
14 cm





Artery Forceps

Arterienzange
Pinça de artéria
Pinzas arteriales

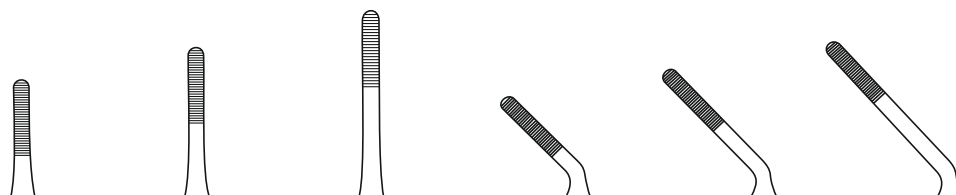
Page 72-106

Bulldog Clamps

Bulldogklammern
Braçadeiras de Buldogue
Bulldog abrazaderas



HI-72-001 - HI-72-006
Extra light



St	HI-72-001	HI-72-002	HI-72-003	HI-72-004	HI-72-005	HI-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



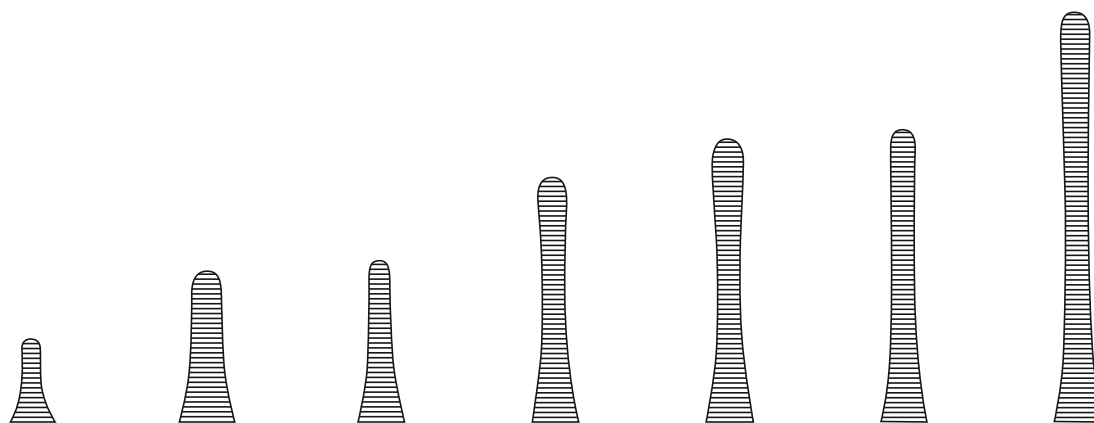
Dieffenbach
HI-72-008 - HI-72-012



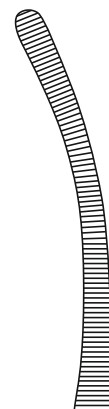
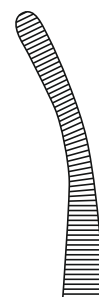
St	HI-72-007	HI-72-008	HI-72-009	HI-72-010	HI-72-011	HI-72-012
	6 cm	6 cm	3,5 cm	5 cm	3,5 cm	5 cm



Johns-Hopkins
HI-72-013 - HI-72-019

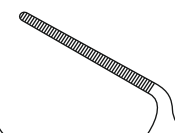
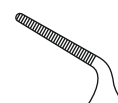


St	HI-72-013	HI-72-014	HI-72-015	HI-72-016	HI-72-017	HI-72-018	HI-72-019
	3,8 cm	4,5 cm	5,5 cm	6,5 cm	7 cm	7,5 cm	9 cm



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

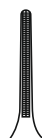
Johns-Hopkins
HI-73-020 - HI-73-026



St	HI-73-027	HI-73-028	HI-73-029	HI-73-030	HI-73-031	HI-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
HI-73-027 - HI-73-032

ATRAUMA



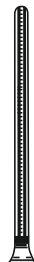
St	HI-73-033	HI-73-034	HI-73-035	HI-73-036	HI-73-037	HI-73-038
Ti	HI-73-039	HI-73-040	HI-73-041	HI-73-042	HI-73-043	HI-73-044
U	45 mm	50 mm	60 mm	35 mm	45 mm	50 mm
U	10 mm	14 mm	20 mm	10 mm	14 mm	20 mm

DeBakey-Diethrich
HI-73-033 - HI-73-044

ATRAUMA



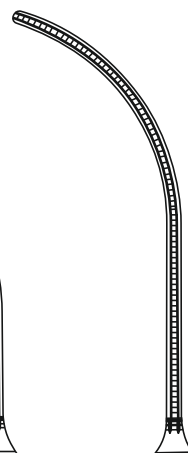
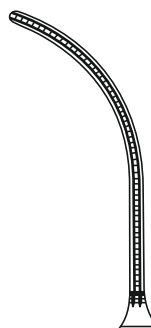
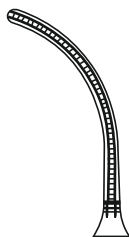
DeBakey
HI-74-045 - HI-74-052



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



DeBakey
HI-74-053 - HI-74-060



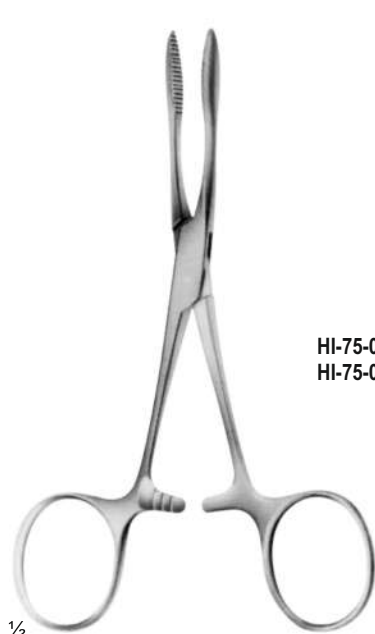
St	HI-74-053	HI-74-054	HI-74-055	HI-74-056
Ti	HI-74-057	HI-74-058	HI-74-059	HI-74-060
mm	7.5 cm	8.5 cm	10 cm	12 cm

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



HI-75-061 14.5 cm
HI-75-062 16 cm

1/2

Pean
HI-75-061 - HI-75-062
16 cm

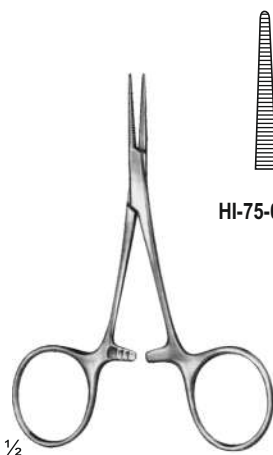


1/2

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

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

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



HI-75-073

HI-75-074

1/2

Hartmann
HI-75-073 - HI-75-074
10 cm

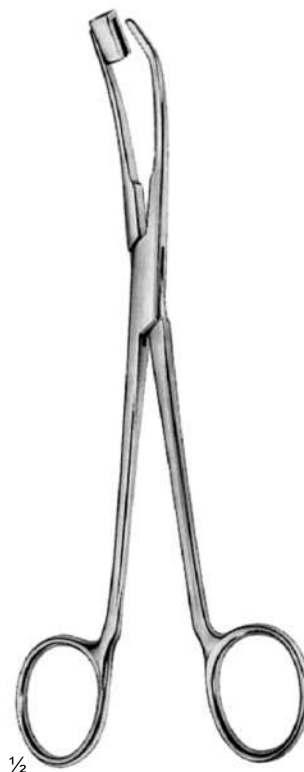


1/2

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

HI-75-075
13.5 cm

HI-75-076
13 cm



1/2

Schwartz
HI-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

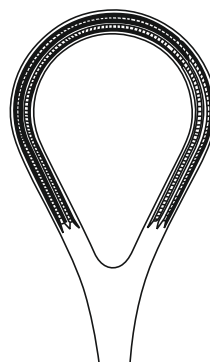
ATRAUMA



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



HI-76-079
25 cm



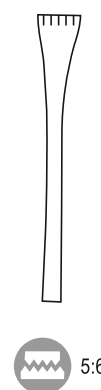
HI-76-080
26 cm



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

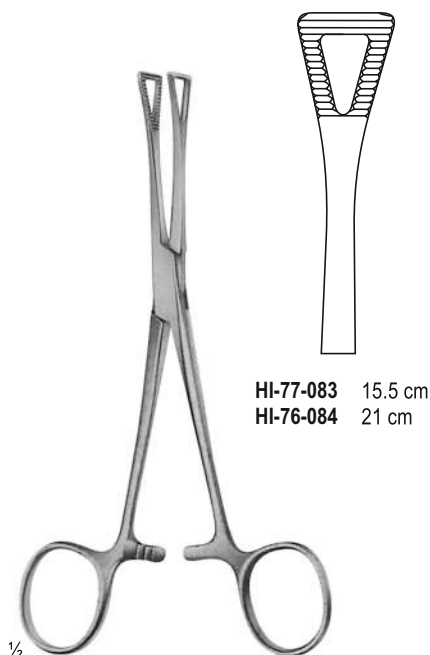


Tuffier
HI-76-082
12.5 cm
5 X 6 teeth, sharp



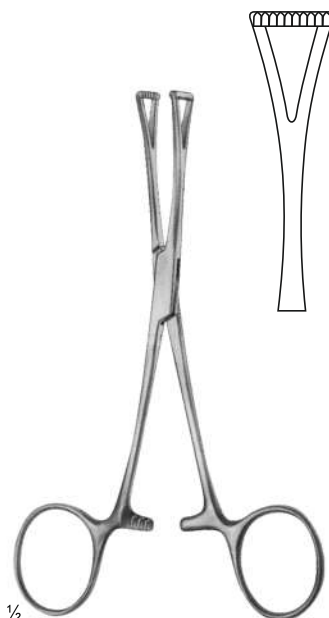
Haemostatic Forceps, Organ Grasping Forceps, Face Lift Forceps

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

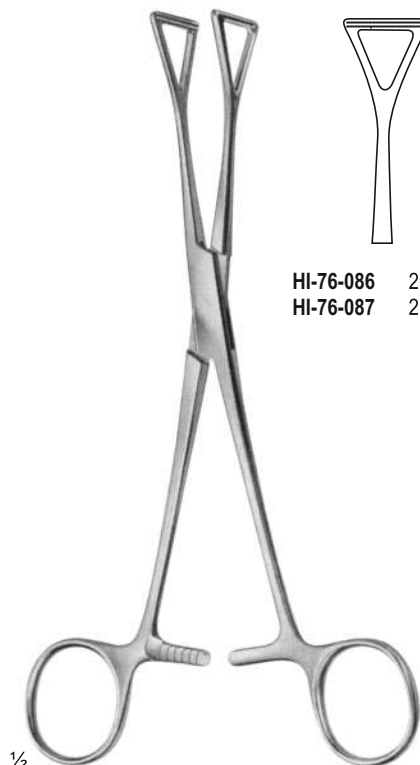


HI-77-083 15.5 cm
HI-76-084 21 cm

Pennington
HI-76-083 - HI-76-084
15.5 cm

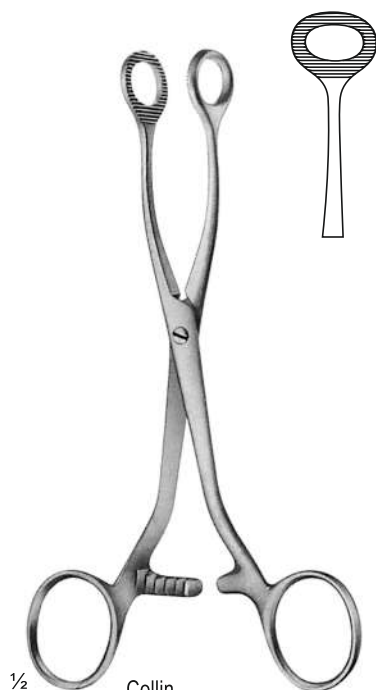


Collin
HI-76-085
14 cm
Organ grasping forceps



HI-76-086 20 cm
HI-76-087 23 cm

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



Collin
HI-77-088
17 cm
Tumor grasping forceps



Pratt
HI-77-089
15 cm



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

Haemostatic Forceps

Hämostatische Pinzetten

Pinça hemostática

Pinzas hemostáticas



1/2

Halsted-Mosquito
HI-78-091 - HI-78-098
14 cm



HI-78-091 12.5 cm
HI-78-092 14 cm



HI-78-093 12.5 cm
HI-78-094 14 cm



HI-78-095 12.5 cm
HI-78-096 14 cm



HI-78-097 12.5 cm
HI-78-098 14 cm



1:2



1:2



1/2

Halsted-Mosquito
HI-78-099 - HI-78-106
18 cm



HI-78-099 18 cm
HI-78-100 21 cm



HI-78-101 18 cm
HI-78-102 21 cm



HI-78-103 18 cm
HI-78-104 21 cm



HI-78-105 18 cm
HI-78-106 21 cm



1:2



1:2



HI-79-107
14 cm



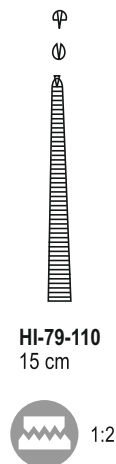
HI-79-108
13.5 cm

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

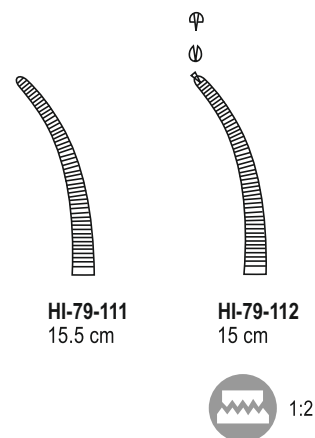


HI-79-109
15.5 cm

Leriche
HI-79-109 - HI-79-112
15.5 cm



HI-79-110
15 cm



HI-79-111
15.5 cm

HI-79-112
15 cm



HI-79-113



HI-79-114

Kelly
HI-79-113 - HI-79-114
14 cm



Dunhill
HI-79-115
12.5 cm



Dunhill
HI-79-116
18.5 cm

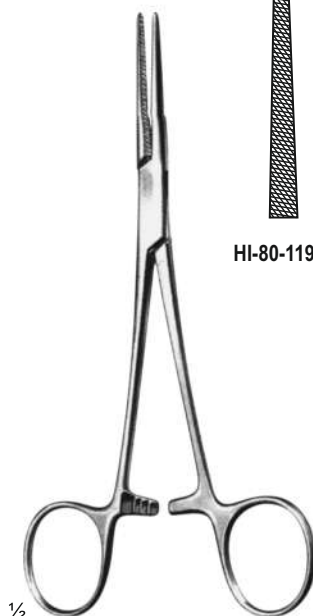


HI-80-117



HI-80-118

1/2
Kelly-Rankin
HI-80-117 - HI-80-118
16 cm



HI-80-119



HI-80-120



1:2

1/2
Lovelace
HI-80-119 - HI-80-120
16 cm

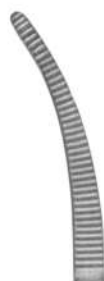


1/2

Obwegeser
HI-80-121
19 cm



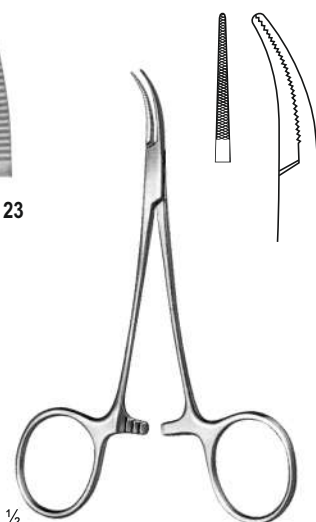
HI-80-122



HI-80-123

1/2

Crile-Rankin
HI-80-122 - HI-80-123
16 cm



1/2

Dandy-Mosquito
HI-80-124
12 cm
Laterally curved



1/2

Dandy
HI-80-125 - HI-80-126
14.5 cm
Laterally curved



HI-80-125
14.5 cm



HI-80-126
14.5 cm



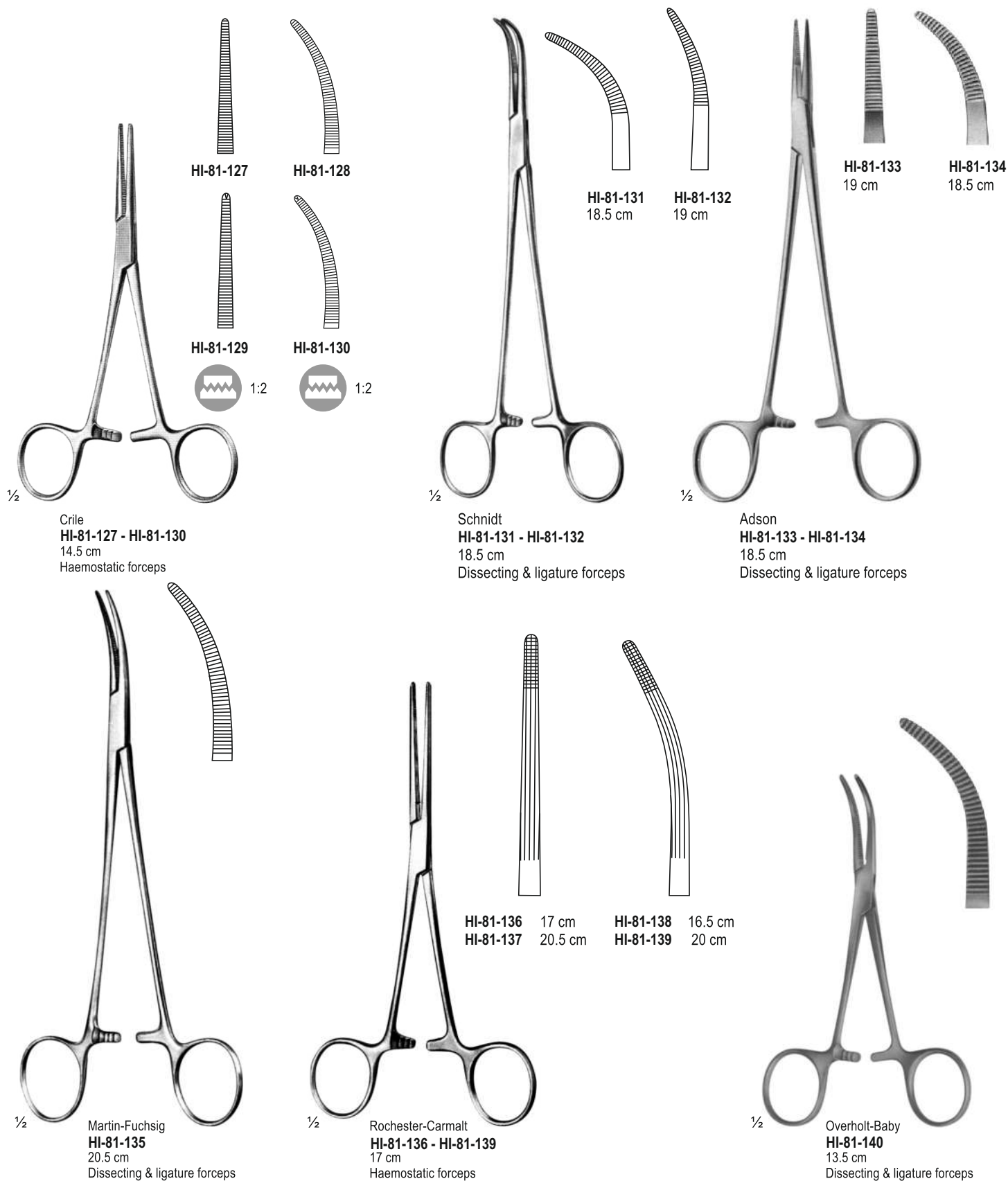
1:2

Haemostatic Forceps, Dissecting, Ligature Forceps

Hämostatische Pinzetten, Präparation, Ligaturzange

Pinça Hemostática, Dissecante, Pinça de Ligadura

Pinzas hemostáticas, disección, pinzas de ligadura



Haemostatic Forceps

Hämostatische Pinzetten

Pinça hemostática

Pinzas hemostáticas



1/2

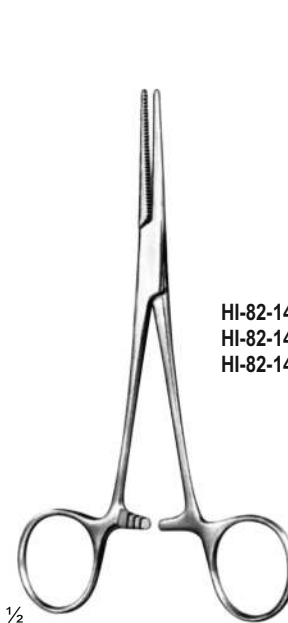
Pean

HI-82-141 - HI-82-146

17 cm

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

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



1/2

Pean-Nippon

HI-82-147 - HI-82-152

14.5 cm

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

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



1/2

Kocher

HI-82-153 - HI-82-158

14 cm

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

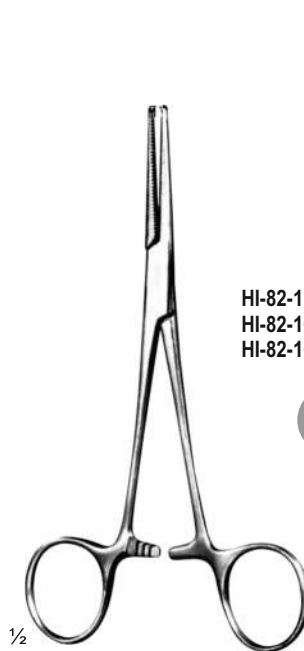
HI-82-156	13 cm
HI-82-157	14 cm
HI-82-158	16 cm



1:2



1:2



1/2

Kocher-Nippon

HI-82-159 - HI-82-164

14.5 cm

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

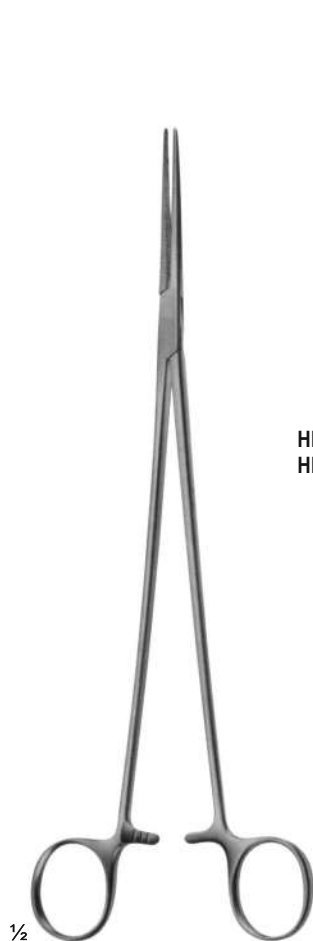
HI-82-162	14 cm
HI-82-163	16 cm
HI-82-164	18 cm



1:2



1:2



1/2

Bengolea
HI-83-165 - HI-83-172
21.5 cm



HI-83-165 21.5 cm
HI-83-166 26 cm



HI-83-167 21.5 cm
HI-83-168 26 cm



1:2



HI-83-169 21.5 cm
HI-83-170 26 cm



HI-83-171 21.5 cm
HI-83-172 26 cm



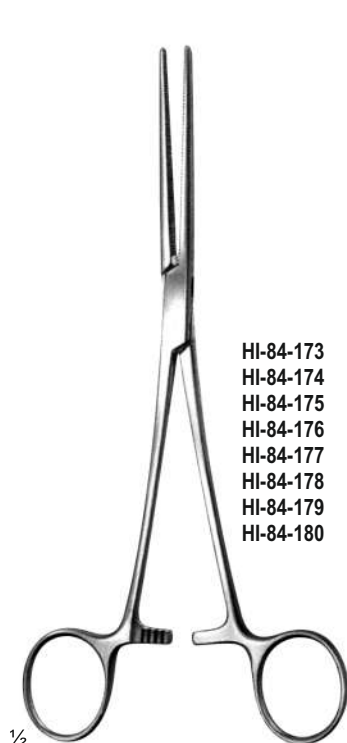
1:2

Haemostatic Forceps, Dissecting, Ligature Forceps

Hämostatische Pinzetten, Präparation, Ligaturzange

Pinça Hemostática, Dissecante, Pinça de Ligadura

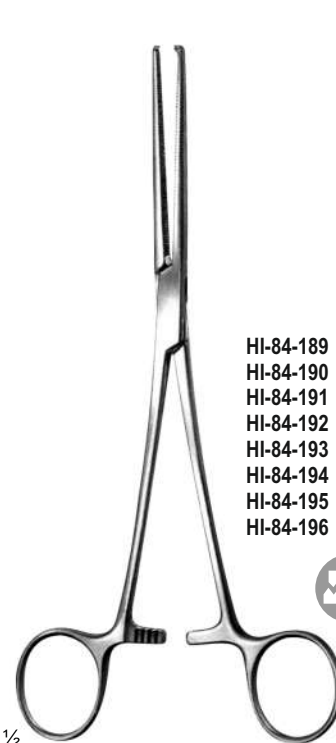
Pinzas hemostáticas, disección, pinzas de ligadura



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



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



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



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



1:2



1:2

Pean (Rochester)

HI-84-173 - HI-84-188

18.5 cm

Haemostatic forceps

Kocher (Ochsner)

HI-84-189 - HI-84-204

18.5 cm

Haemostatic forceps



Overholt-Martin

HI-84-205 - HI-84-209

18.5 cm

Dissecting & ligature forceps

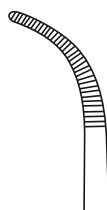


Fig. 1
HI-84-205
18.5 cm

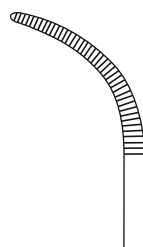


Fig. 2
HI-84-206
20.5 cm

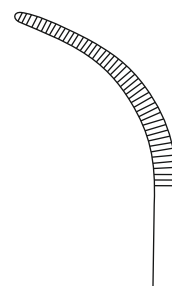


Fig. 3
HI-84-207
21 cm

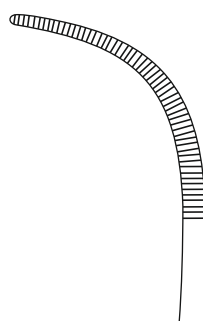


Fig. 4
HI-84-208
21.5 cm

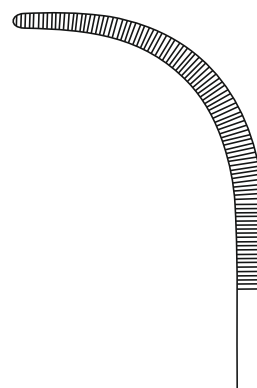


Fig. 5
HI-84-209
24.5 cm

Dissecting, Ligature Forceps

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



1/2

Mixer-Baby
HI-85-210
18.5 cm



1/2

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



HI-85-211
14.5 cm



HI-85-212
18 cm



1/2

Heiss
HI-85-213 - HI-85-215
21 cm



HI-85-213
21 cm



HI-85-214
20.5 cm



HI-85-215
20 cm



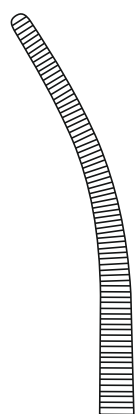
1/2

Overholt-Mixer
HI-85-216
22 cm





HI-86-217
22.5 cm

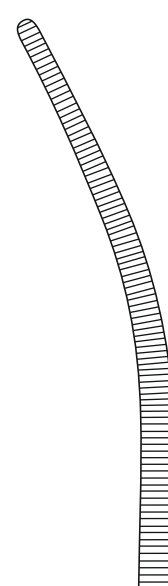


HI-86-218
22 cm

Roberts
HI-86-217 -HI-86-218
 22.5 cm



HI-86-219
25 cm

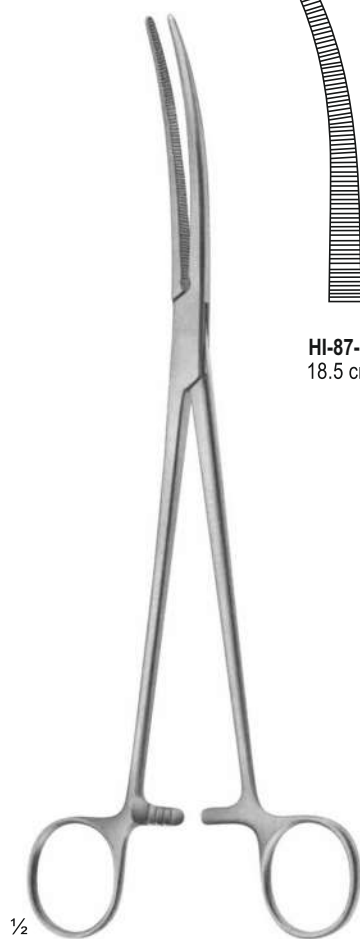


HI-86-220
24.5 cm

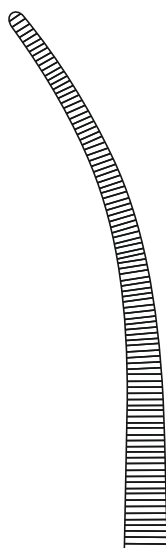
Sarot
HI-86-219 -HI-86-220
 25 cm

Dissecting, Ligature Forceps

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



HI-87-221
18.5 cm

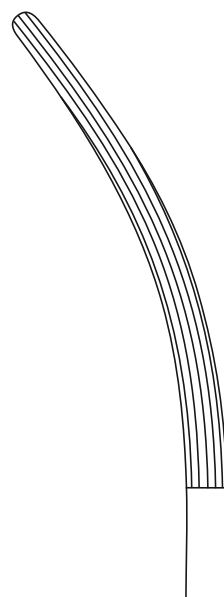


HI-87-222
24.5 cm

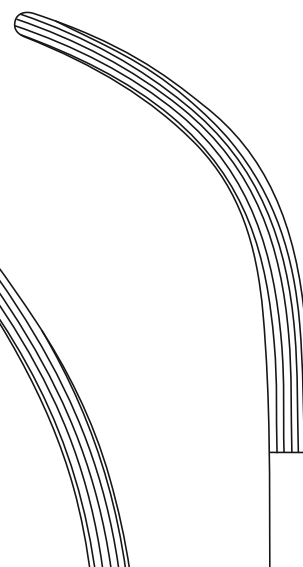


1/2

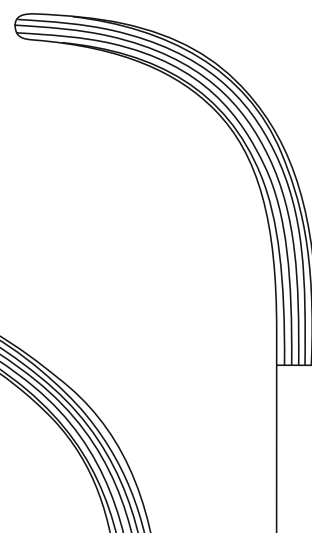
Crafoord-Sellors
HI-87-223 - HI-87-225
24 cm



HI-87-223



HI-87-224



HI-87-225

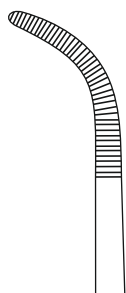


Fig.1
HI-88-226
20.5 cm

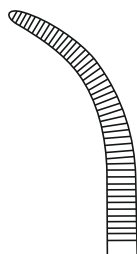


Fig.2
HI-88-227
20 cm

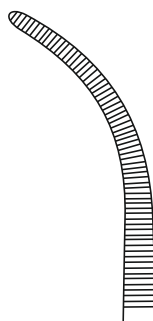


Fig.3
HI-88-228
21.5 cm

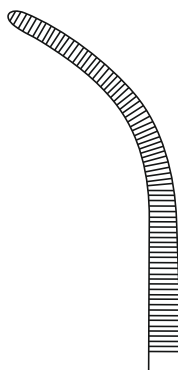


Fig.4
HI-88-229
22 cm

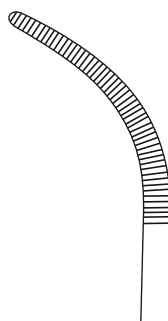


Fig.5
HI-88-230
21.5 cm

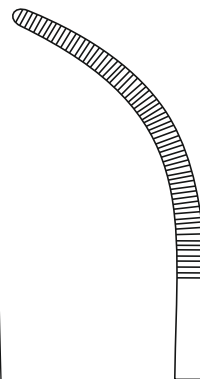


Fig.6
HI-88-231
22 cm



Fig.7
HI-88-232
22 cm



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

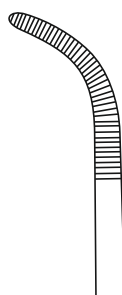


Fig.1
HI-88-233
27 cm

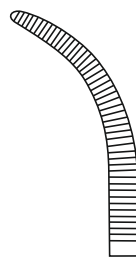


Fig.2
HI-88-234
26.5 cm

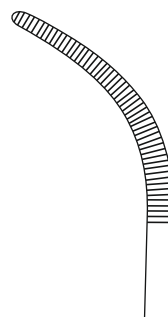


Fig.3
HI-88-235
27.5 cm

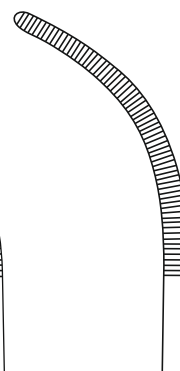


Fig.4
HI-88-236
28 cm

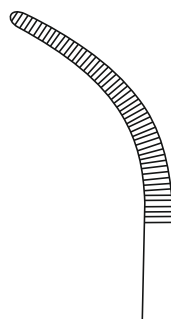


Fig.5
HI-88-237
27.5 cm

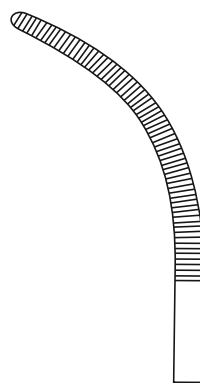


Fig.6
HI-88-238
28 cm



Fig.7
HI-88-239
27.5 cm

Dissecting, Ligature Forceps

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



1/2

Fig.1
HI-89-240
24 cm

Fig.2
HI-89-241
24 cm

Fig.3
HI-89-242
23.5 cm

Fig.4
HI-89-243
24 cm

Fig.5
HI-89-244
24 cm

Rumel
HI-89-240 - HI-89-244
24 cm



Fig.0
HI-89-245
21.5 cm



Fig.1
HI-89-246
22 cm



Fig.2
HI-89-247
22.5 cm



Fig.3
HI-89-248
23 cm



Fig.6
HI-89-249
22.5 cm

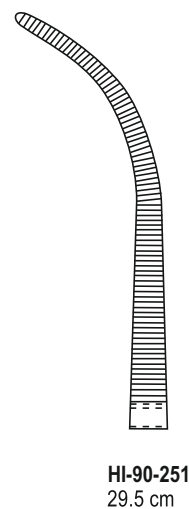
Overholt-Fine
HI-89-245 - HI-89-249
21.5 cm



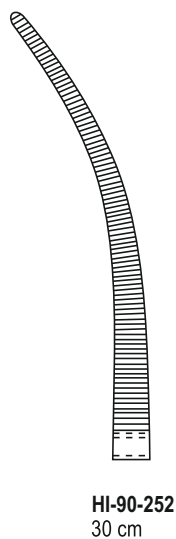
1/2



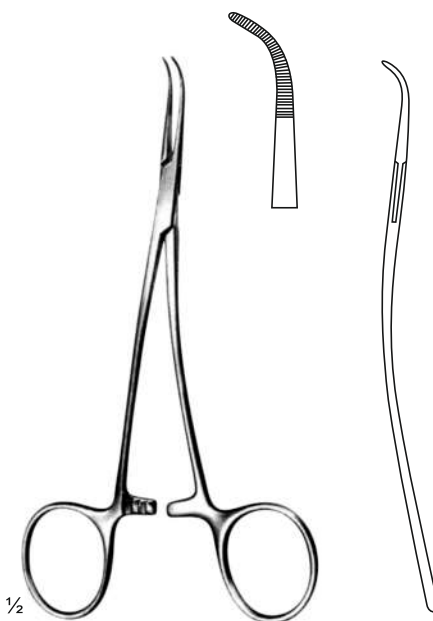
HI-90-250
29.5 cm



HI-90-251
29.5 cm



HI-90-252
30 cm



Overholt-Mini
HI-90-253
15 cm



Overholt-Mini
HI-90-254
20 cm

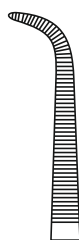


1/2

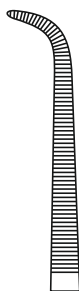
Mini-Gemini

HI-91-255 - HI-91-258

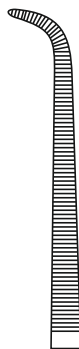
18 cm



HI-91-255
18 cm



HI-91-256
23 cm



HI-91-257
25 cm



HI-91-258
28 cm

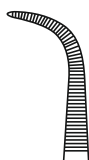


1/2

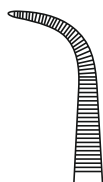
Gemini

HI-91-259 - HI-91-265

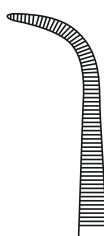
18 cm



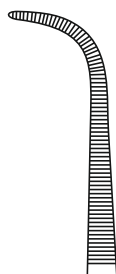
HI-91-259
13 cm



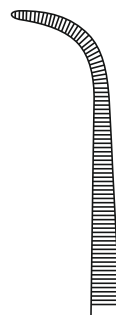
HI-91-260
16 cm



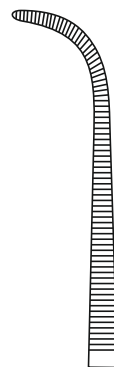
HI-91-261
18 cm



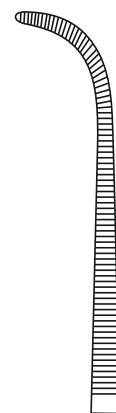
HI-91-262
21 cm



HI-91-263
23 cm



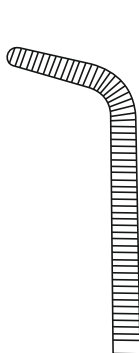
HI-91-264
25 cm



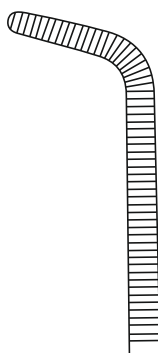
HI-91-265
28 cm



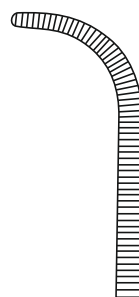
Mixer
HI-92-266 - HI-92-267



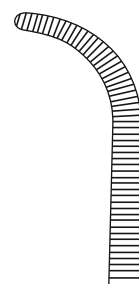
HI-92-266
16 cm



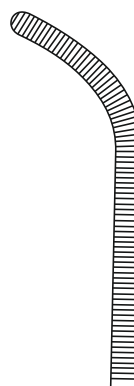
HI-92-267
17.5 cm



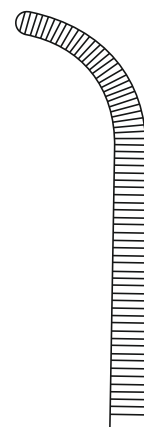
HI-92-268
15 cm



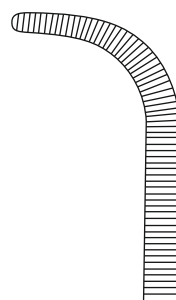
HI-92-269
18 cm



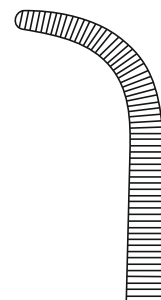
HI-92-270
18.5 cm



HI-92-271
20 cm



HI-92-272
23 cm



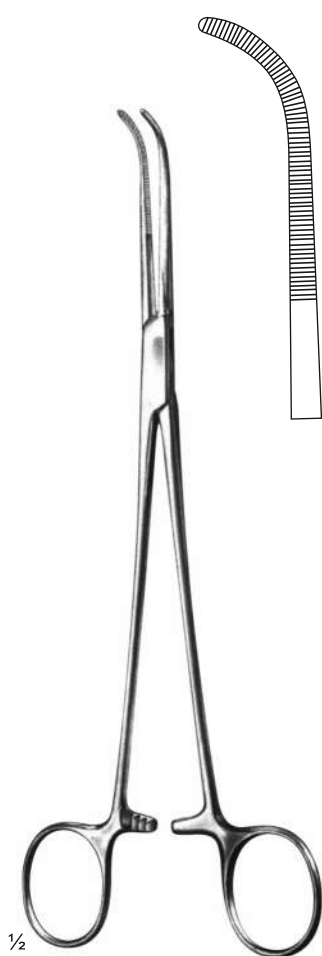
HI-92-273
24 cm



O'Shaugnessy
HI-92-268 - HI-92-273
23 cm

Dissecting, Ligature Forceps

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



Mixer
HI-93-274
22.5 cm

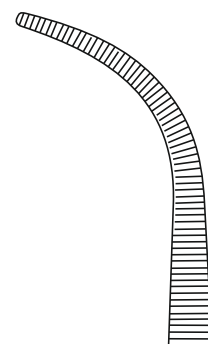


Mixer
HI-93-275
23 cm



Zenker
HI-93-276 - HI-93-277
28.5 cm

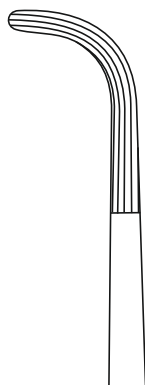
HI-93-276
29.5 cm



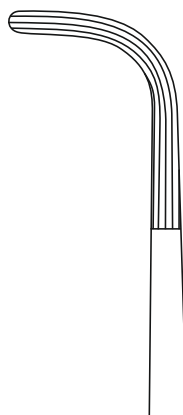
HI-93-277
28.5 cm



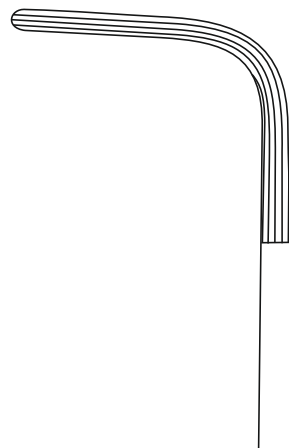
1/2
 Mixer
 HI-94-278 - HI-94-280
 22.5 cm



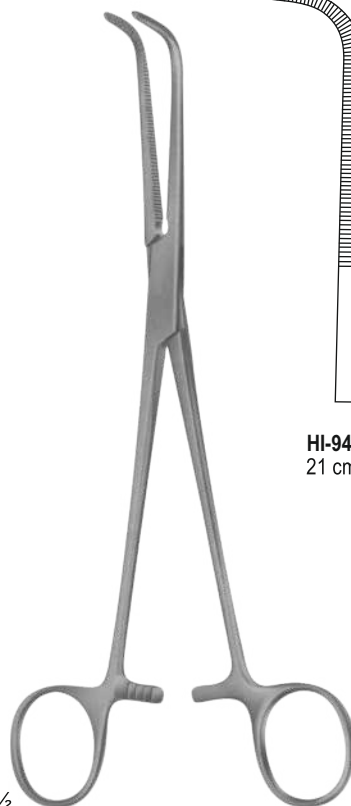
HI-94-278
 22.5 cm



HI-94-279
 26 cm



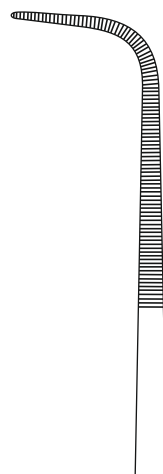
HI-94-280
 28 cm



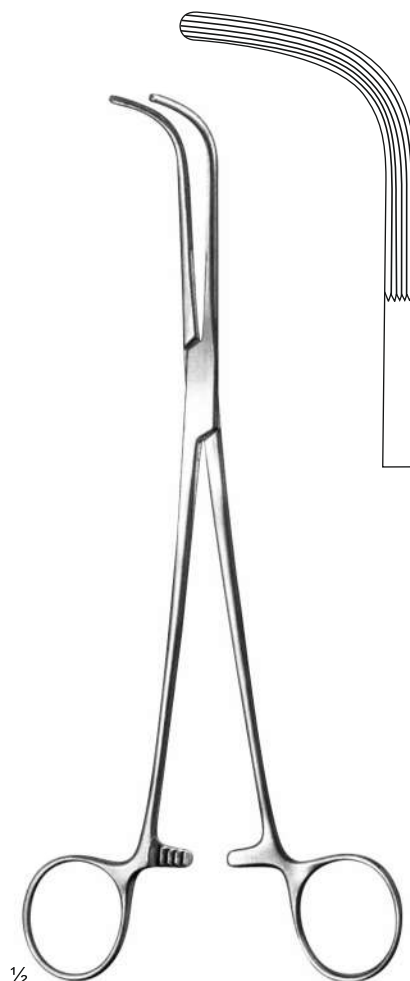
1/2
 Wickström
 HI-94-281 - HI-94-282
 21 cm



HI-94-281
 21 cm



HI-94-282
 24.5 cm



1/2
 Mc Quigg-Mixer
 HI-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



$\frac{1}{2}$
 Lower
HI-95-284
 18.5 cm
 Dissecting &
 ligature forceps

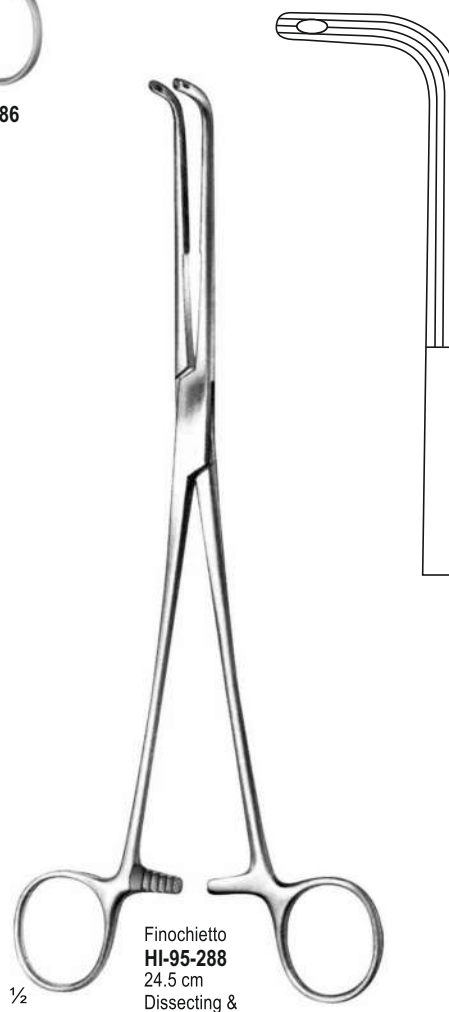


$\frac{1}{2}$
 Lahey
HI-95-285 -HI-95-286
 19.5 cm
 Bile duct clamps

HI-95-285 19.5 cm
HI-95-286 22.5 cm



$\frac{1}{2}$
 Desjardins
HI-95-287
 21 cm
 Bile duct clamps



$\frac{1}{2}$
 Finochietto
HI-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



Fig.1
HI-96-289
25 cm

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

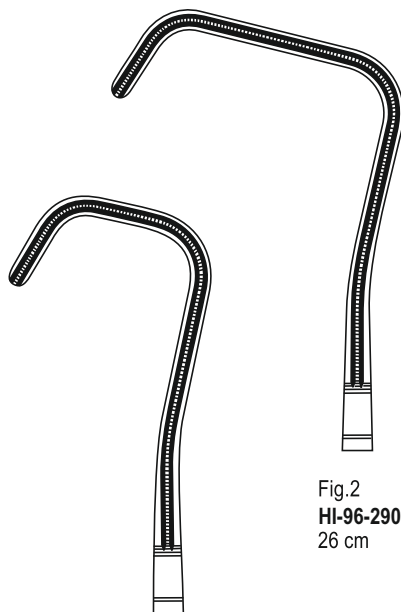
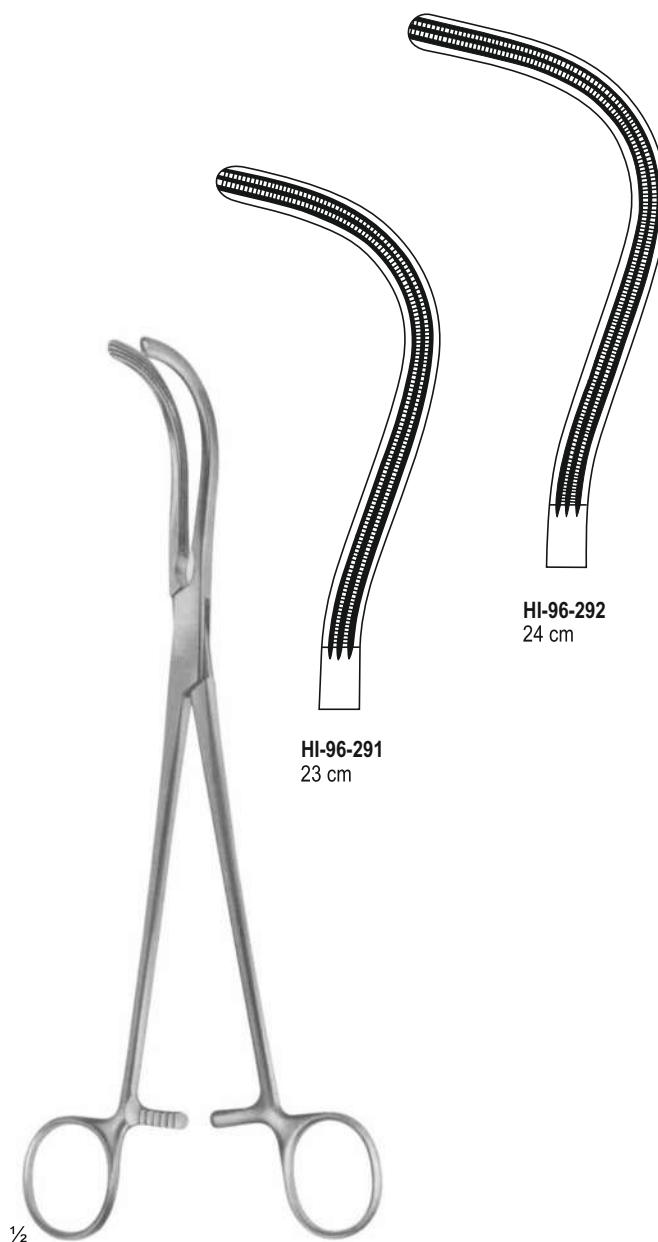


Fig.2
HI-96-290
26 cm



HI-96-291
23 cm

HI-96-292
24 cm

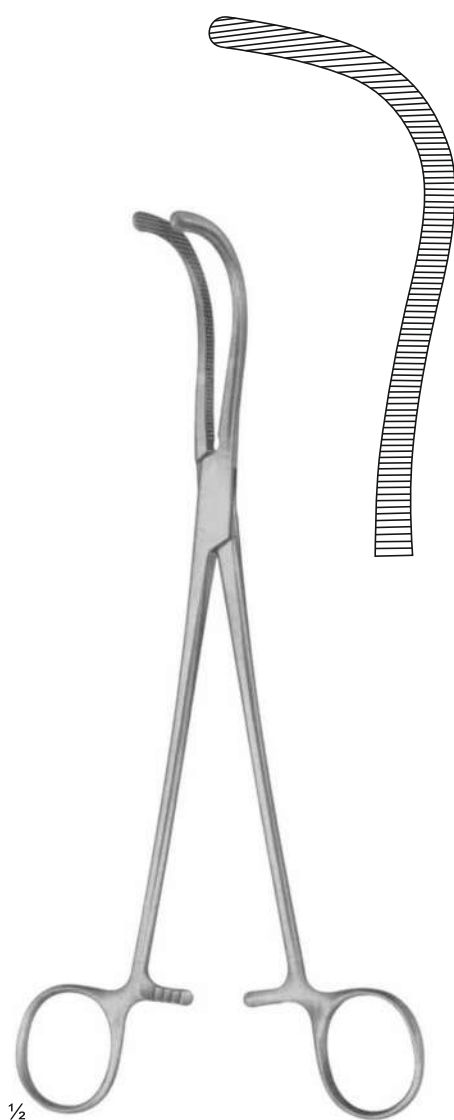
Guyon
HI-96-291 - HI-96-292
23 cm
Kidney pedicle clamps

Kidney Pedicle Clamps

Nieren Pedicle Clamps

Braçadeiras de pedículo de rim

Pinzas pediculares del riñón



1/2

Guyon
HI-97-293
24 cm



1/2

Guyon
HI-97-294 - HI-97-296
24.5 cm



HI-97-294
19.5 cm



HI-97-295
21.5 cm



HI-97-296
24.5 cm



Meeker
HI-98-297
28 cm



Kelly
HI-98-298 - HI-98-306
24 cm



Fig. 1
HI-98-298
19 cm



Fig. 1
HI-98-299
22.5 cm



Fig. 1
HI-98-300
24 cm



Fig. 2
HI-98-301
19 cm



Fig. 2
HI-98-302
22 cm



Fig. 2
HI-98-303
23.5 cm



Fig. 3
HI-98-304
18.5 cm



Fig. 3
HI-98-305
21.5 cm



Fig. 3
HI-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
HI-99-307
 21 cm
 Vaginal clamp



1/2

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



Fig. 1
HI-99-308
 19.5 cm



Fig. 2
HI-99-309
 20 cm



1/2

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



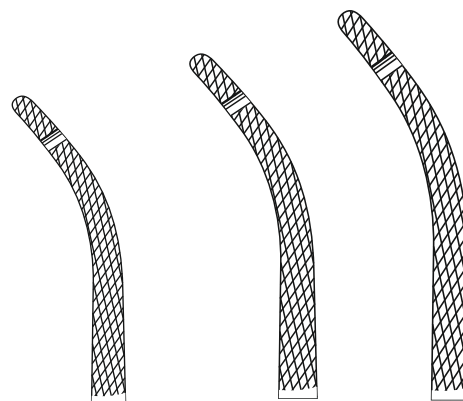
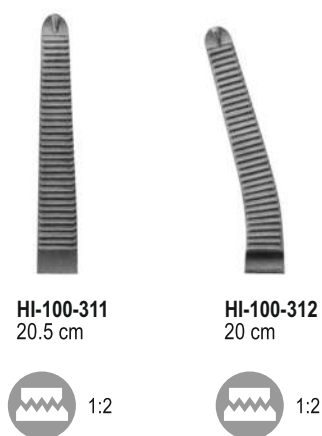


Fig. 1
HI-100-313
19.5 cm

Fig. 1
HI-100-314
21.5 cm

Fig. 1
HI-100-315
24 cm



HI-100-311
20.5 cm

HI-100-312
20 cm

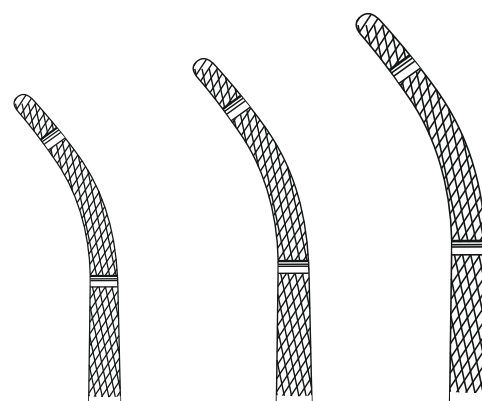


Fig. 2
HI-100-316
19.5 cm

Fig. 2
HI-100-317
21.5 cm

Fig. 2
HI-100-318
24 cm



Phaneuf
HI-100-311 - HI-100-312
20.5



Heaney
HI-100-313 - HI-100-318

Hysterectomy Forceps

Hysterektomie-Zange
Pinça de histerectomia
Pinzas de histerectomía



Moynihan
HI-101-319
23 cm



Moynihan
HI-101-320
23.5 cm



1/2

Wertheim
HI-102-321
26 cm



1/2

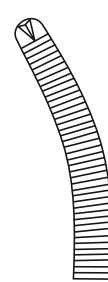
Wertheim
HI-102-322 - HI-102-323
22.5 cm



HI-102-322
Slightly curved



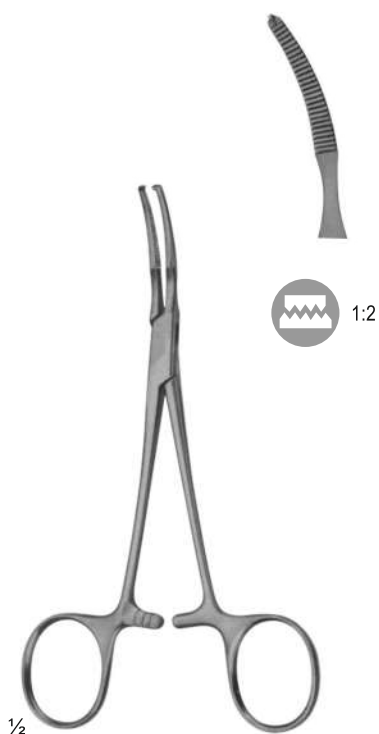
1:2



HI-102-323
Stronger curved



1:2



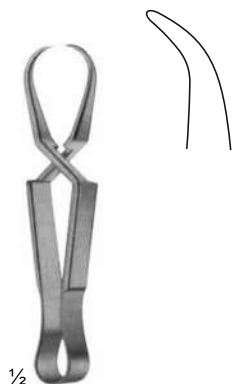
Mikulicz-Baby
HI-103-324
14.5 cm



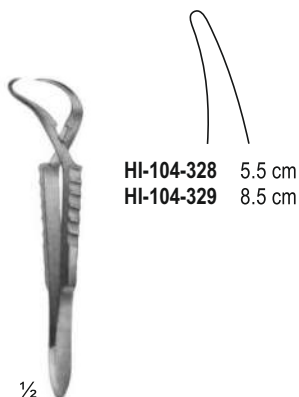
Mikulicz
HI-103-325
18.5 cm



Mikulicz
HI-103-326
20 cm



Schädel
HI-104-327
9 cm
Sharp



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

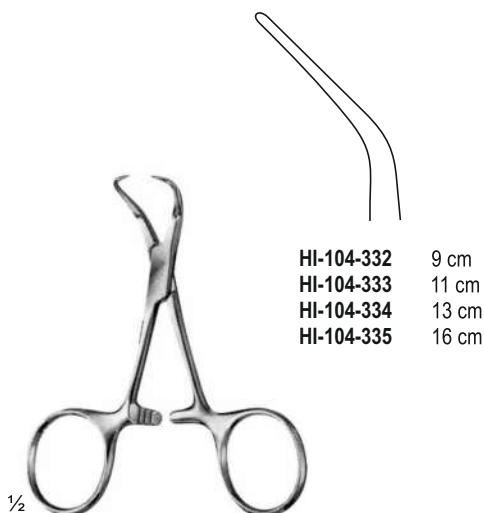


Jones-Martin
HI-104-330
8.5 cm
Sharp

With tube holder

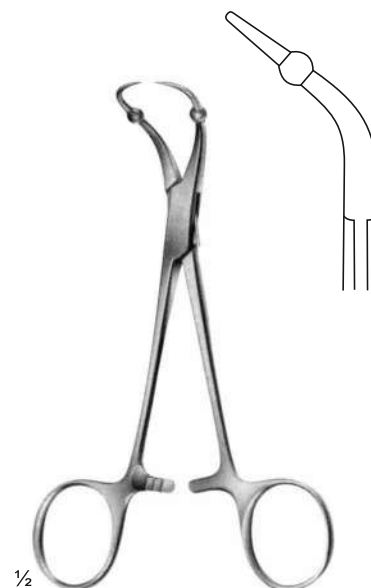


Backhaus
HI-104-331
11 cm
With clip for tubing
up to 15 mm



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

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

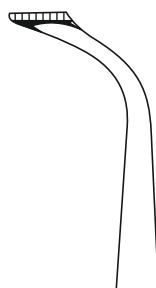


Roeder
HI-104-336
13.5 cm



1/2

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



HI-105-337 10 cm
HI-105-338 13 cm



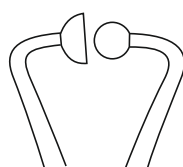
Ball + Socket
HI-105-339 - HI-105-342

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

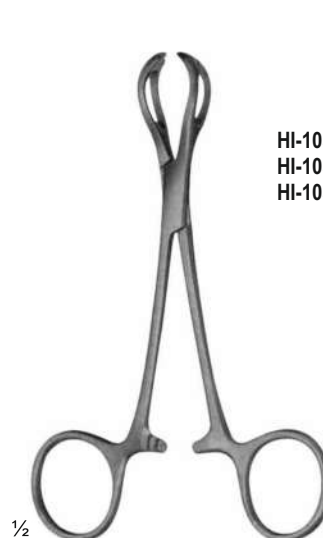


1/2

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

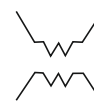


HI-105-343 11.5 cm
HI-105-344 14 cm



1/2

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



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

Tubing Clamps Roller Forceps

Schlauchschellen Roller Pinzetten

Braçadeiras de Tubulação Pinças de Rolo

Abrazaderas de tubo pinzas de rodillo



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

HI-106-348 - HI-106-350
15.5 cm

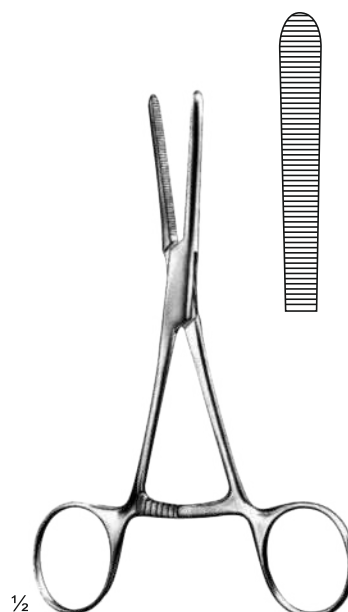


HI-106-351 15.5 cm
HI-106-352 19 cm
HI-106-353 20.5 cm

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



HI-106-354
16.5 cm
Smooth jaw



HI-106-355
14 cm
Extra long ratchet



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



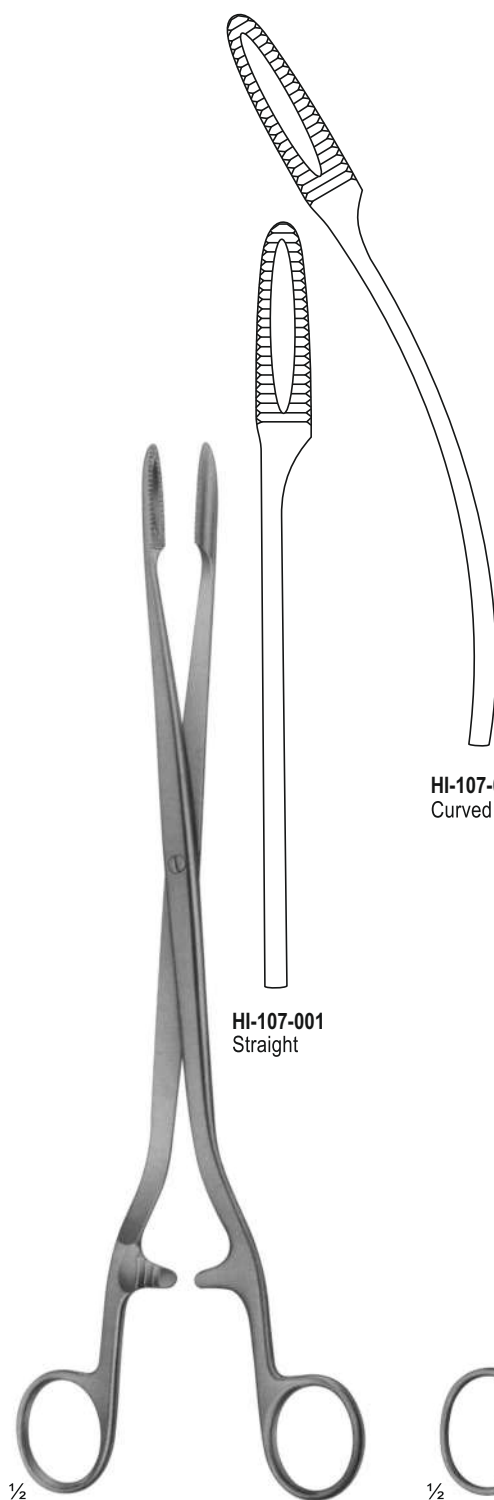
Cotton Swab Forceps

Wattestäbchen

Pinça de cotonete de algodão

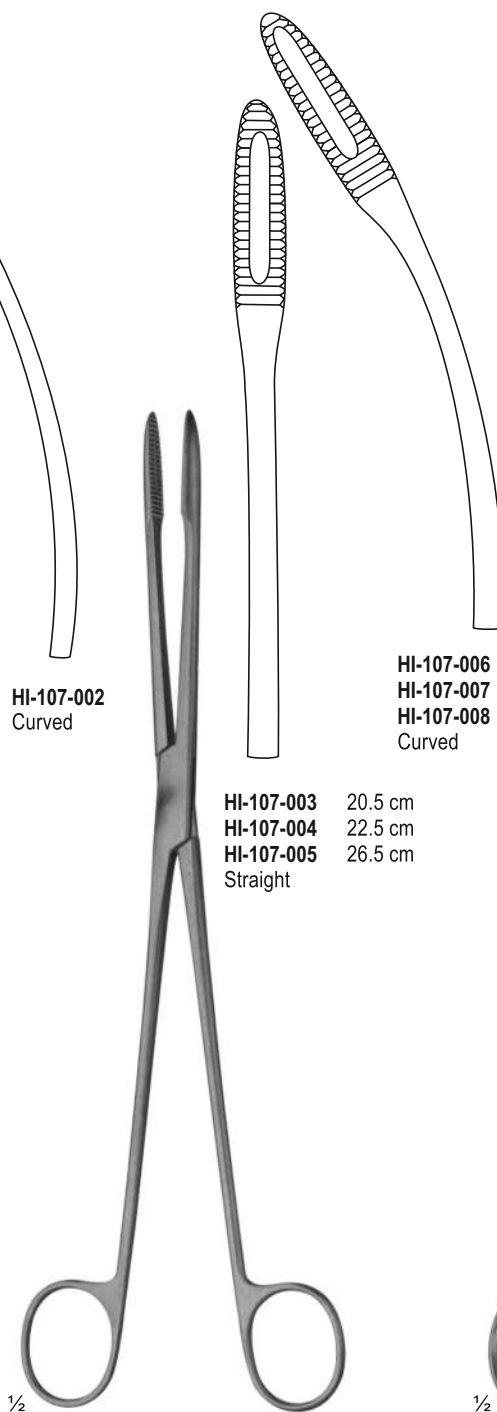
Fórceps de algodón

Page 107-113



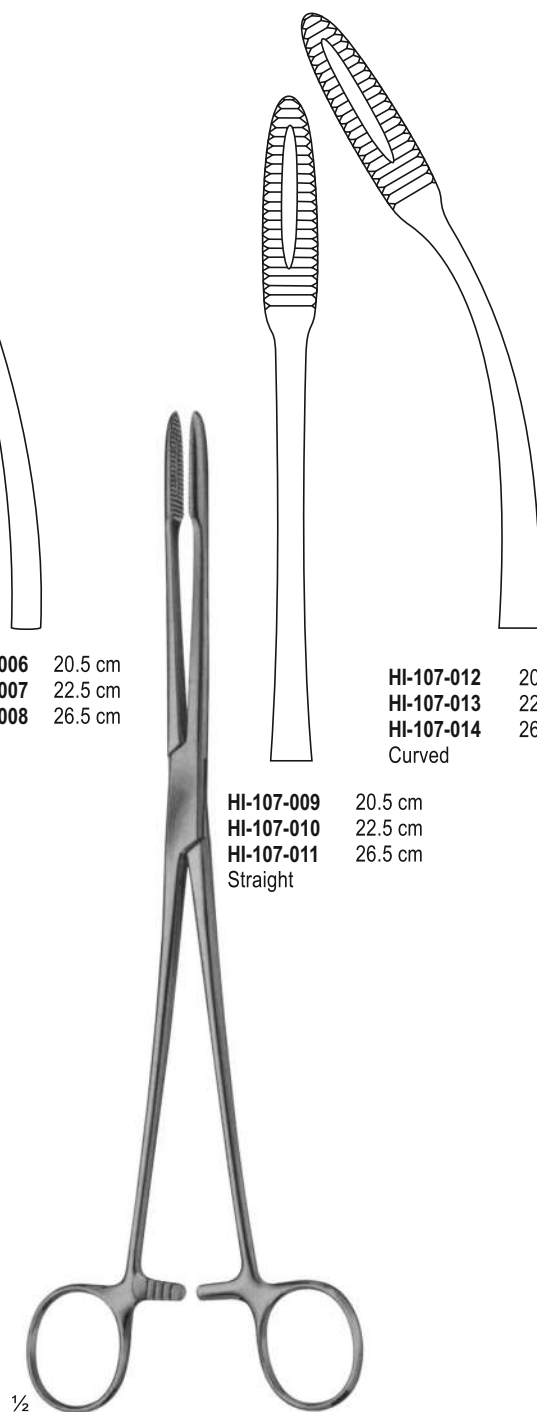
HI-107-001
Straight

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



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

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



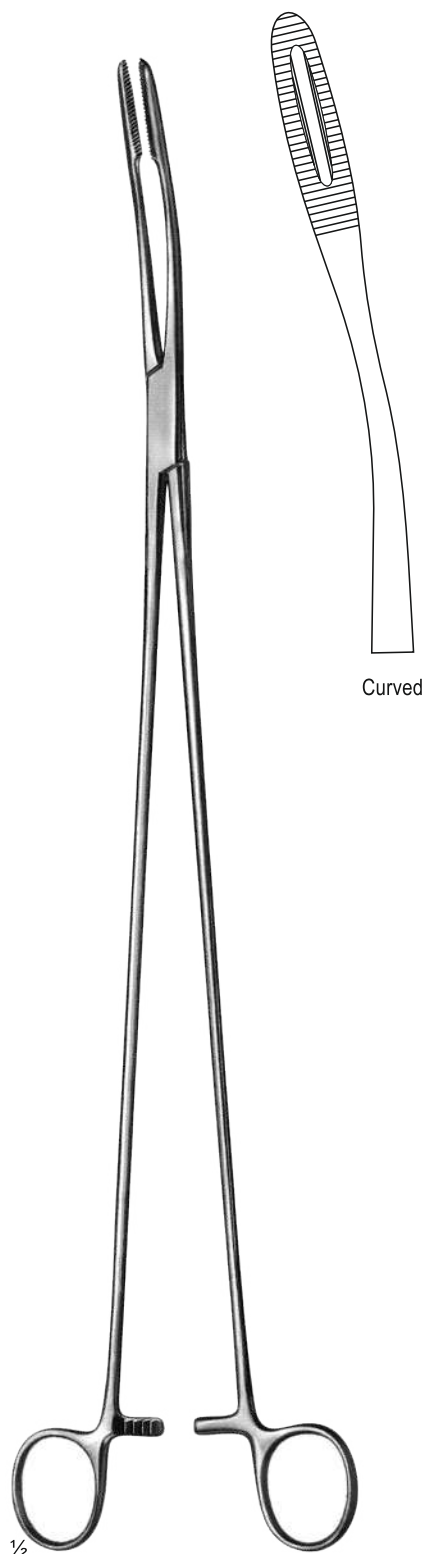
HI-107-009 20.5 cm
HI-107-010 22.5 cm
HI-107-011 26.5 cm
Straight

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

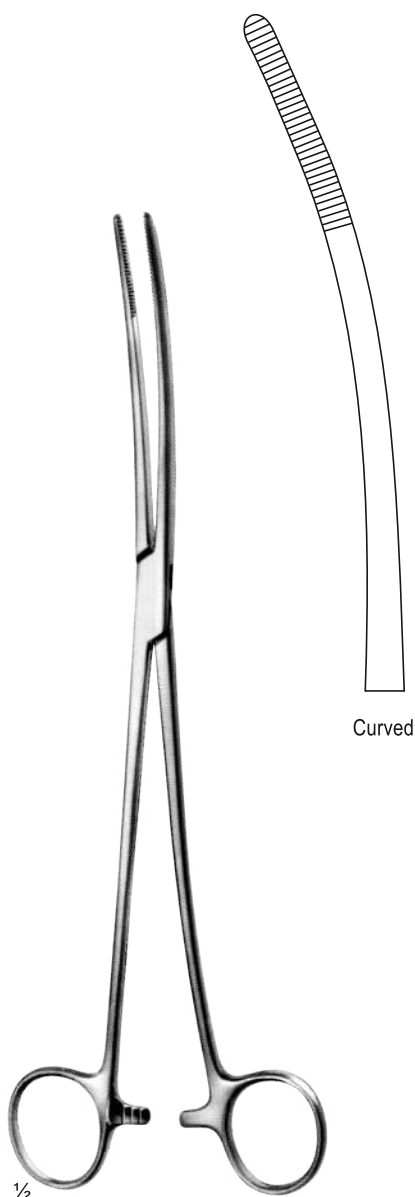
HI-107-002
Curved

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

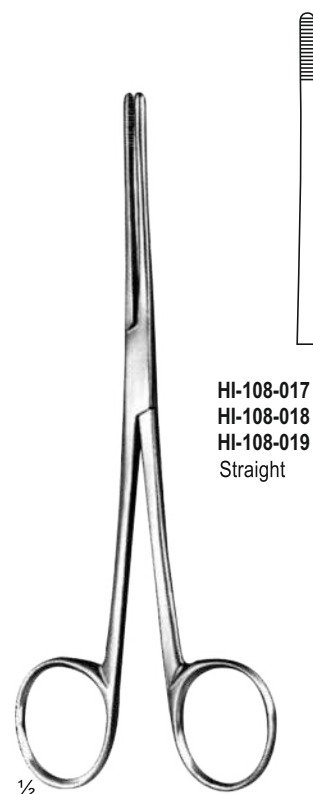
HI-107-012 20.5 cm
HI-107-013 22.5 cm
HI-107-014 26.5 cm
Curved



Tunneling Forceps
HI-108-015
39.5 cm



Bozemann
HI-108-016
26 cm
S-shape

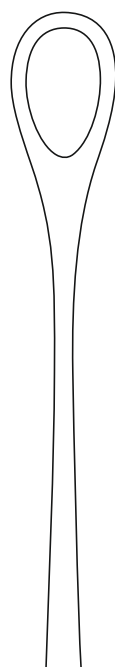


HI-108-017 13 cm
HI-108-018 16 cm
HI-108-019 18.5 cm
Straight

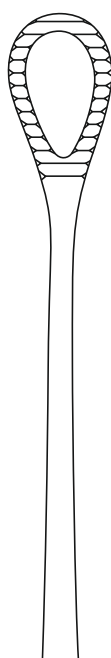
Lister
HI-108-017 - HI-108-019
18.5 cm
Sinus forceps



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



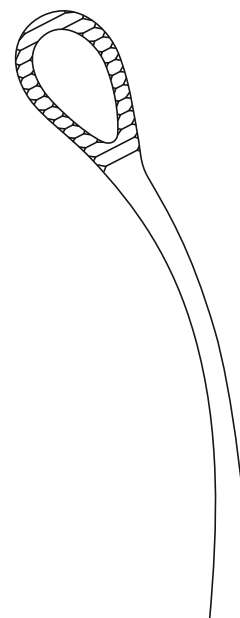
Smooth jaws
HI-109-020
25 cm
Straight



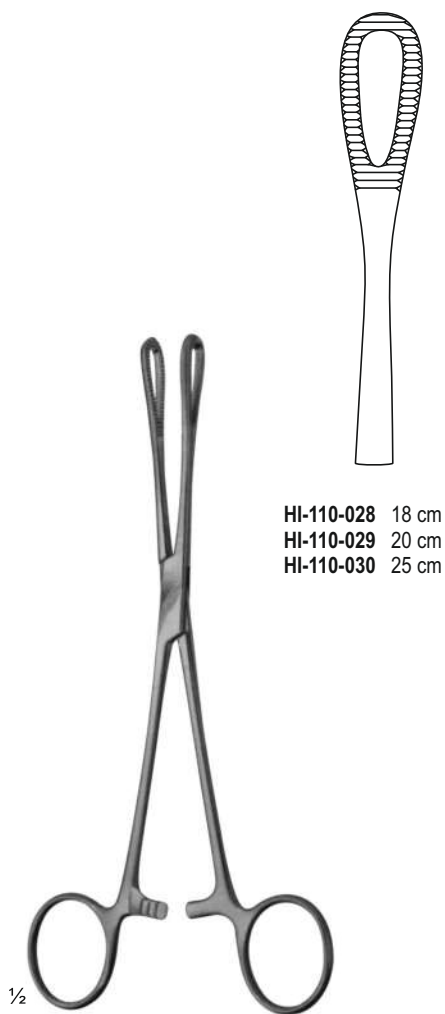
Serrated jaws
HI-109-021 18 cm
HI-109-022 20.5 cm
HI-109-023 25 cm
Straight



Smooth jaws
HI-109-024
25 cm
Curved



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

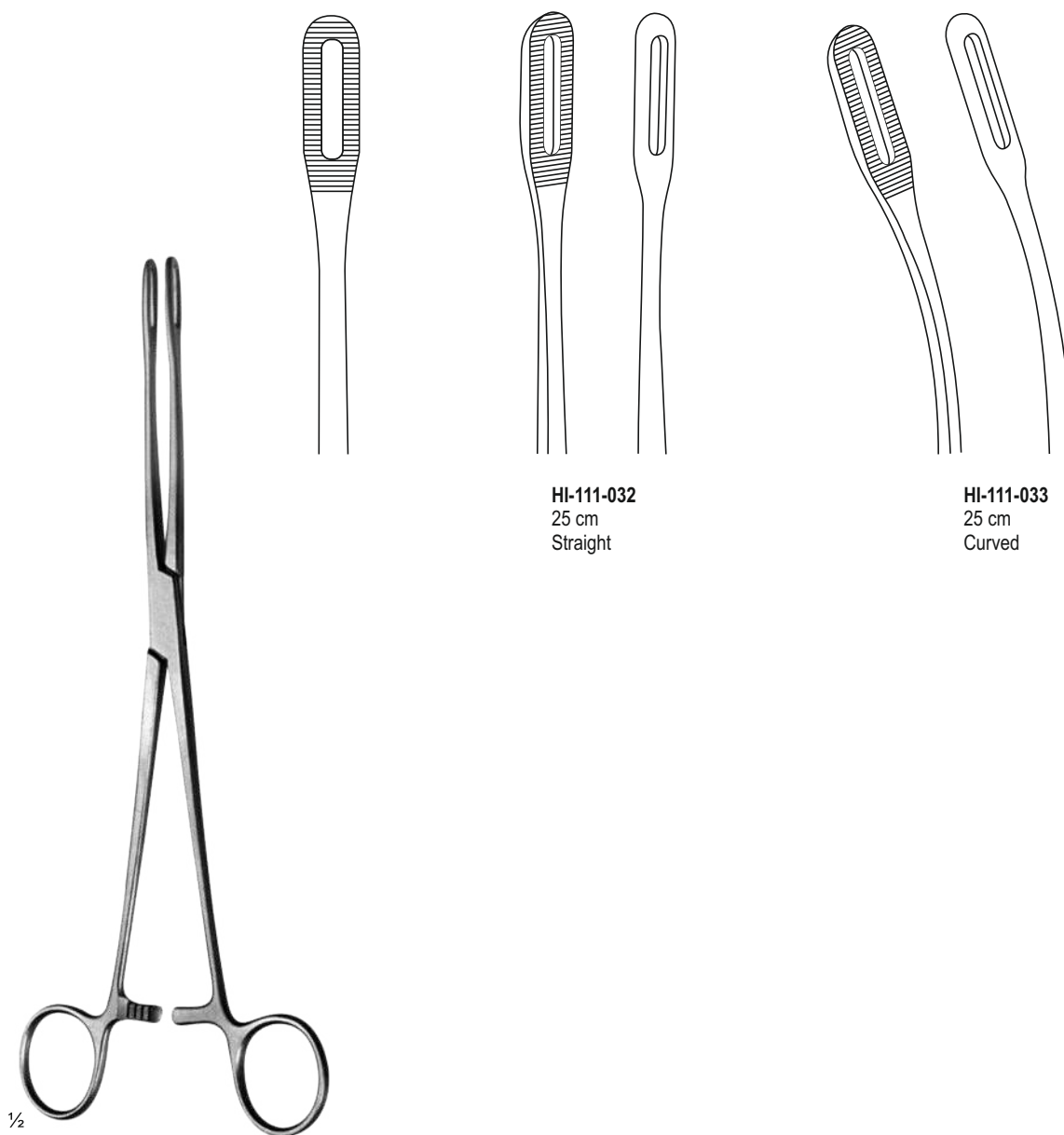


HI-110-028 18 cm
HI-110-029 20 cm
HI-110-030 25 cm

Rampley
HI-110-028 - HI-110-030



Bergmann
HI-110-031
24 cm



HI-111-032
25 cm
Straight

HI-111-033
25 cm
Curved

Förster
HI-111-032 - HI-111-033

Uterine Dressing Forceps

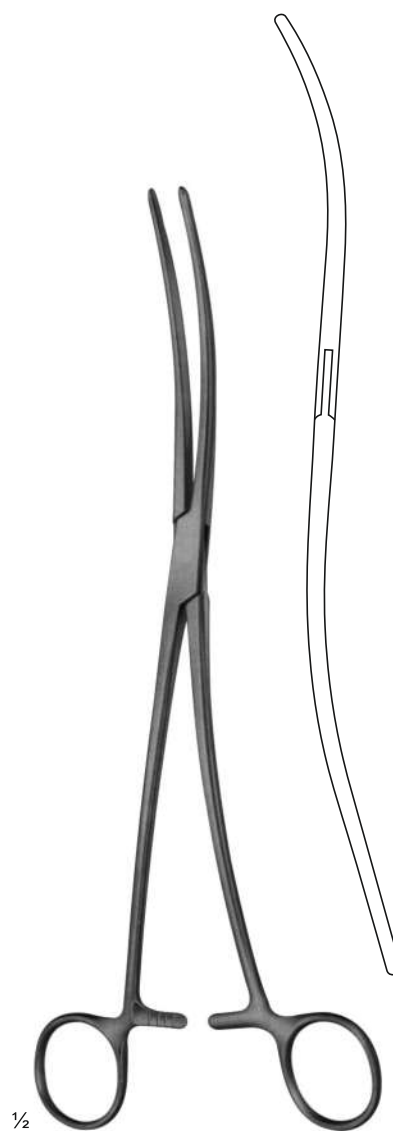
Gebärmutterspangen
Pinça de Curativo Uterino
Fórceps de vendaje uterino



Pelkmann
HI-112-034
26 cm



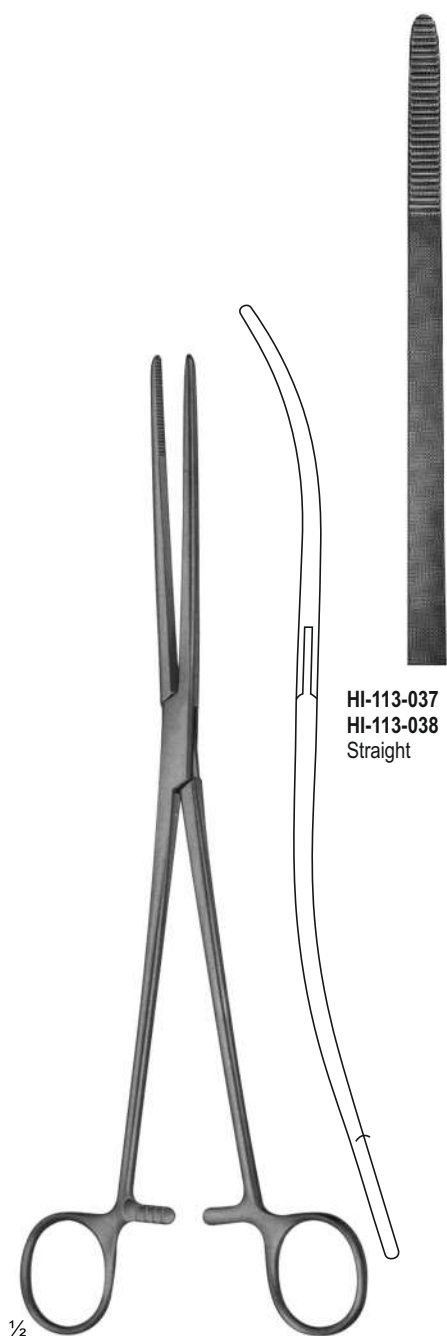
Pelkmann
HI-112-035
26 cm



Bozemann
HI-112-036
25 cm

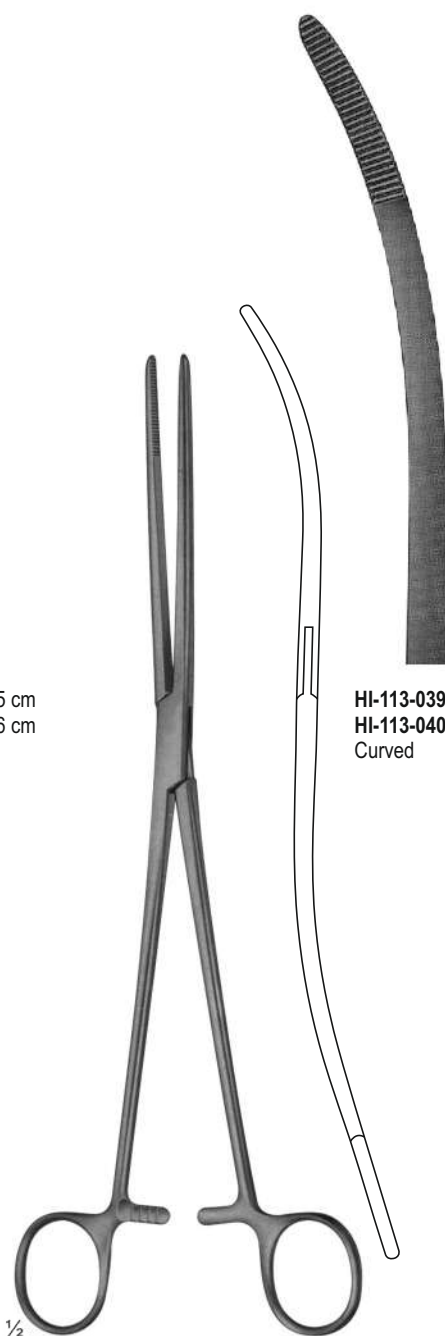
Uterine Dressing Forceps

Gebärmutterspangen
Pinça de Curativo Uterino
Fórceps de vendaje uterino



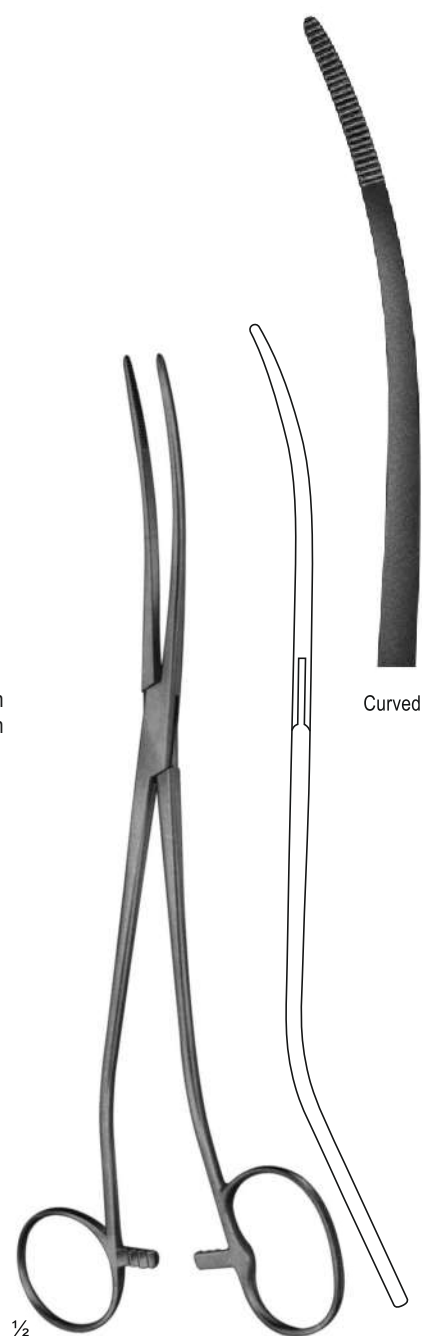
HI-113-037 25 cm
HI-113-038 26 cm
Straight

Bozemmann
HI-113-037 - HI-113-038
26 cm



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

Bozemmann
HI-113-039 - HI-113-040
26 cm



Bozemmann-Douglas
HI-113-041
26 cm



Retractors

Wundhaken

Retratores

Retractoires

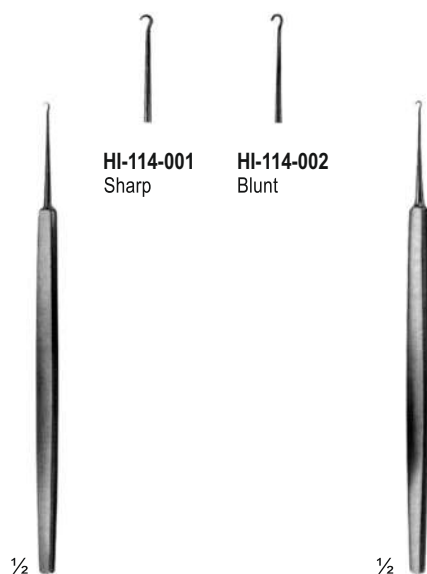
Page 114-168

Fine Wound Retractors (Dura Hook, Skin Hooks)

Fein Wundhaken (Dura Hook, Skin Hooks)

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

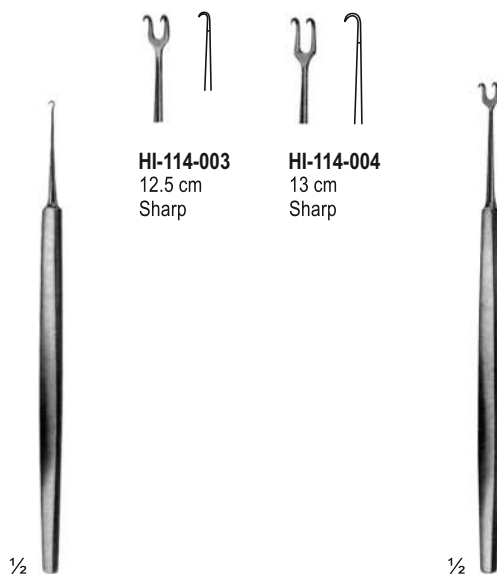
Retradores de heridas finas (gancho Dura, ganchos de piel)



HI-114-001
Sharp

HI-114-002
Blunt

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



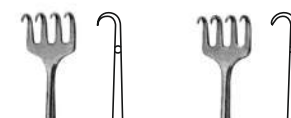
HI-114-003
12.5 cm
Sharp

HI-114-004
13 cm
Sharp

HI-114-005
13 cm
Sharp

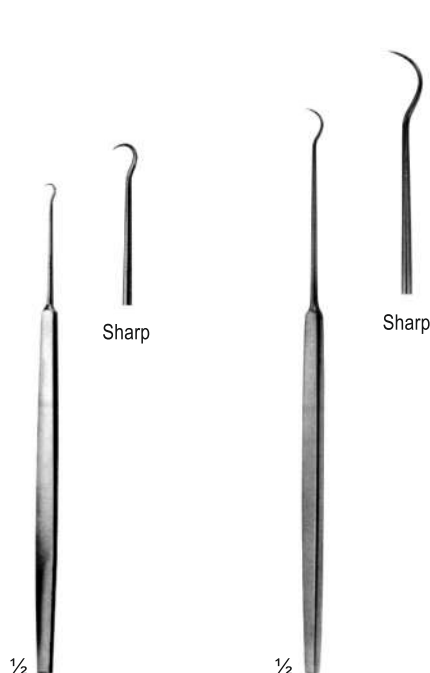
Guthrie
HI-114-003 - HI-114-004
12.5 cm
Skin hook

Rollet
HI-114-005 - HI-114-007



HI-114-006
13.5 cm
Sharp

HI-114-007
13.5 cm
Blunt

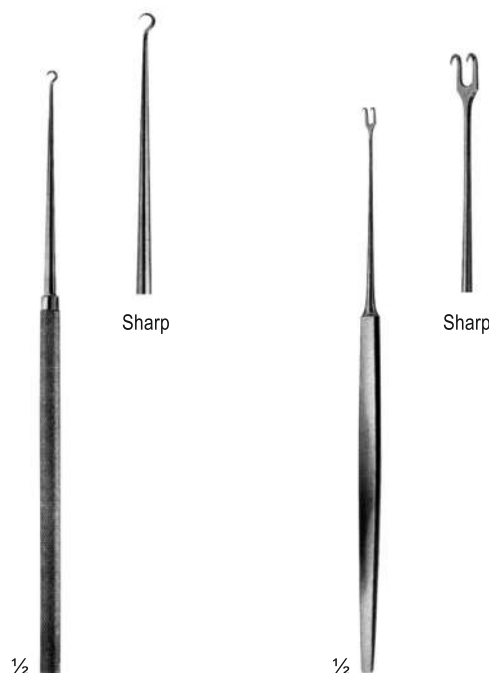


Sharp

Sharp

Frazier
HI-114-008
13 cm
Dura hook

Tönnis
HI-114-009
15 cm
Dura hook



Sharp

Sharp

Sharp

Kilner
HI-114-010
16 cm
Skin hooklet

Freer
HI-114-011
15 cm
Mucosa hooklet

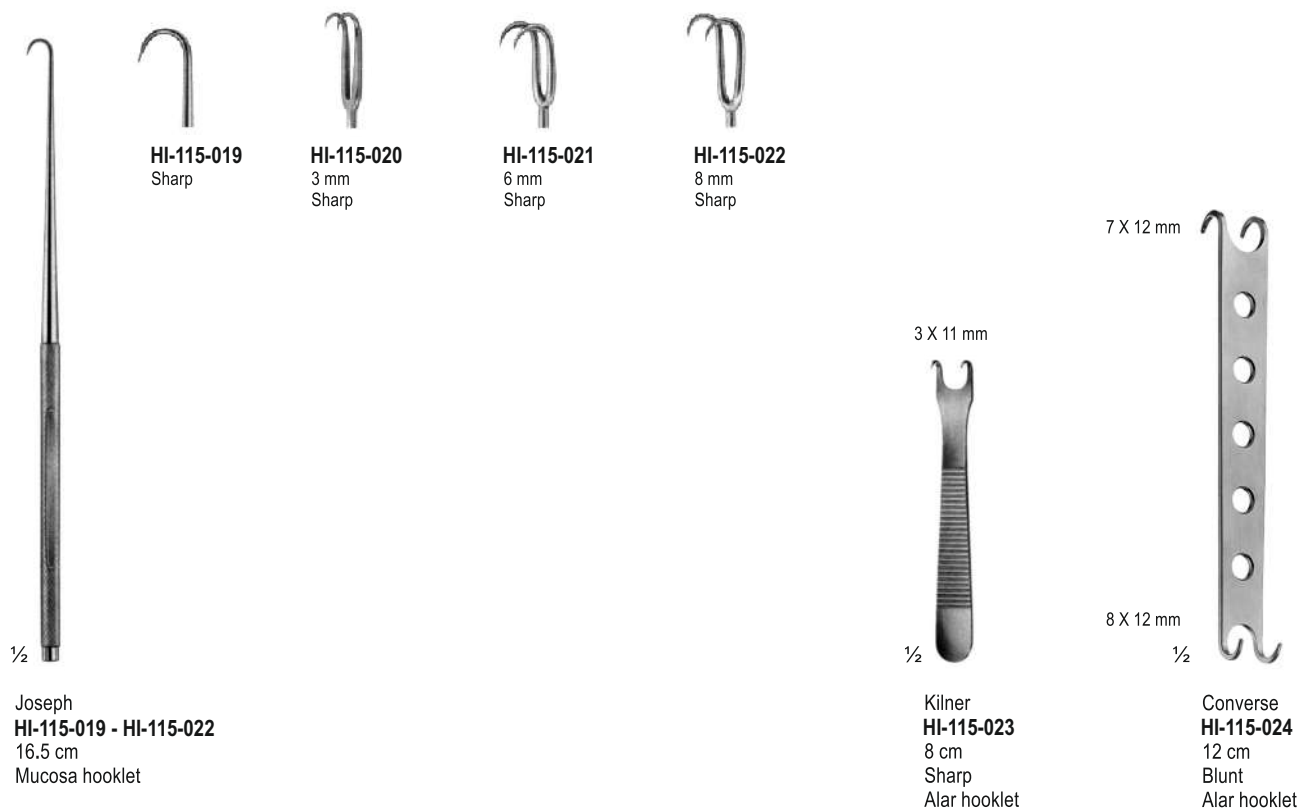
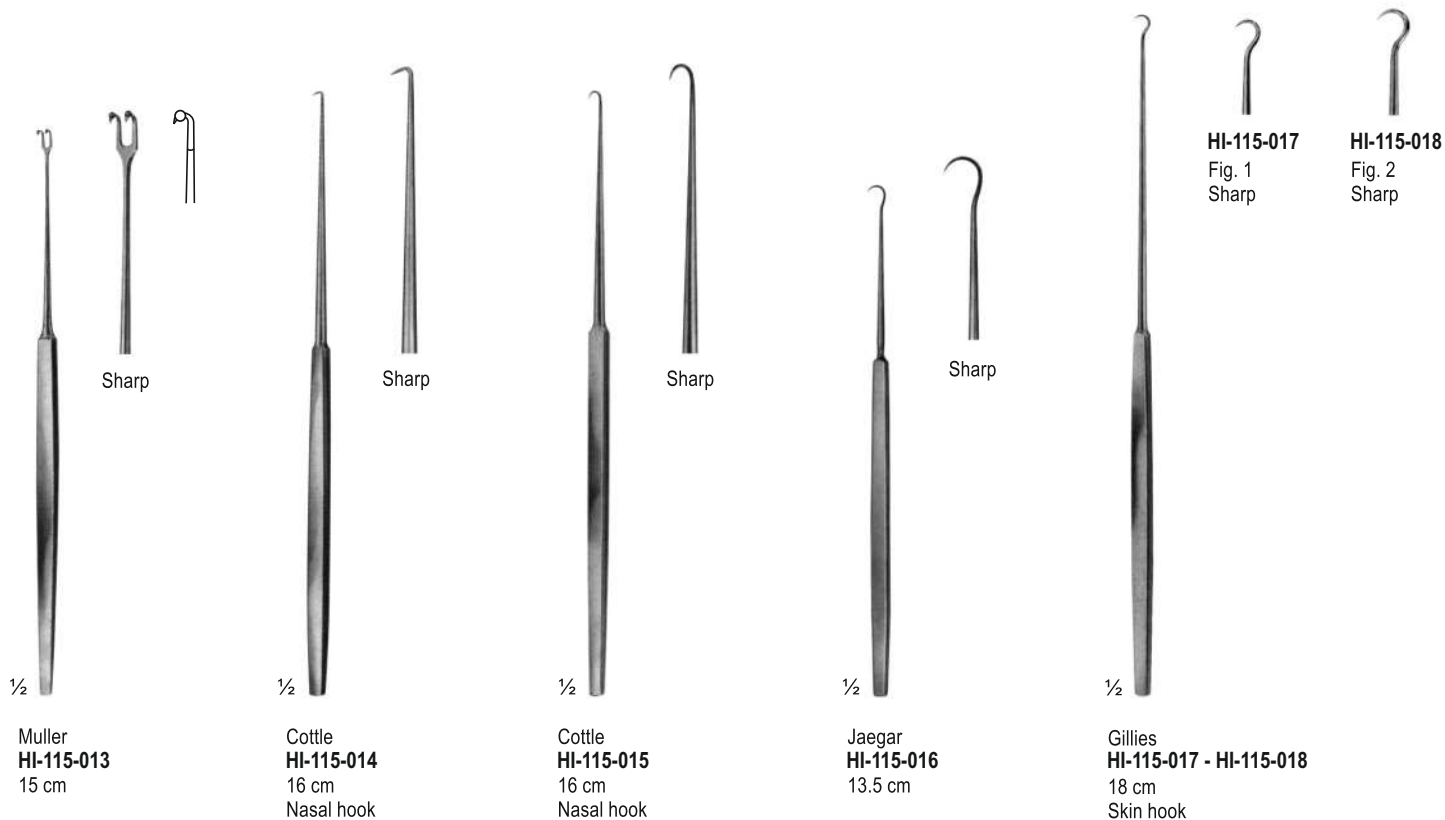
Muller
HI-114-012
15 cm

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)

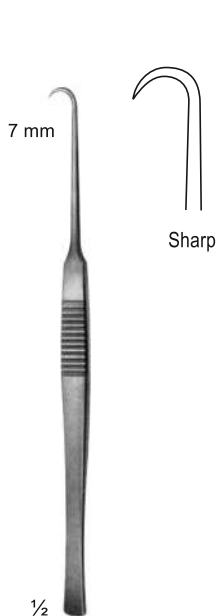


Wound - Trachea Retractors

Wunde - Trachea Retraktoren

Ferida - Retratores da Traquéia

Herida - Retratores de traquéia



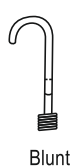
Bergmann
HI-116-025
14 cm



HI-116-026 - HI-116-028
18 cm



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



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



Wound - Trachea Retractors

Wunde - Trachea Retraktoren

Ferida - Retratores da Traquéia

Herida - Retratores de tráquea

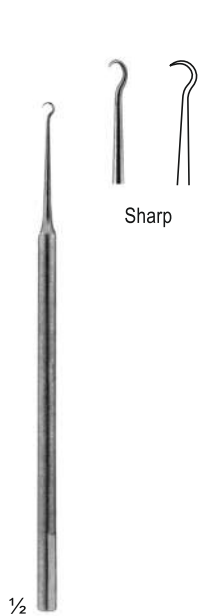


HI-117-035 - HI-117-042
16.5 cm
Large curve

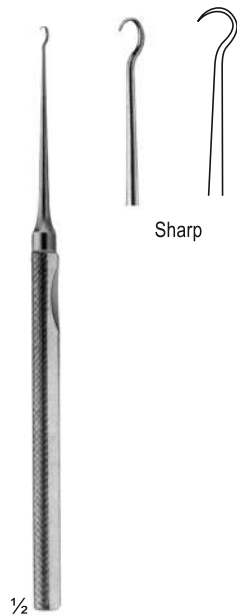


HI-117-043 - HI-117-050
16.5 cm
Large curve

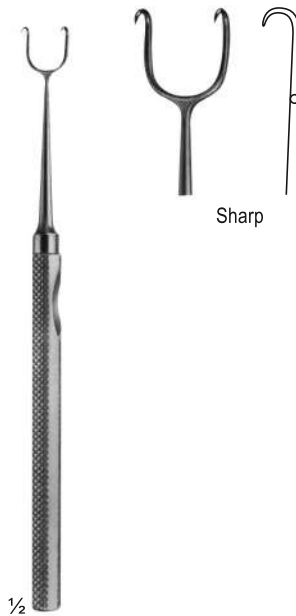




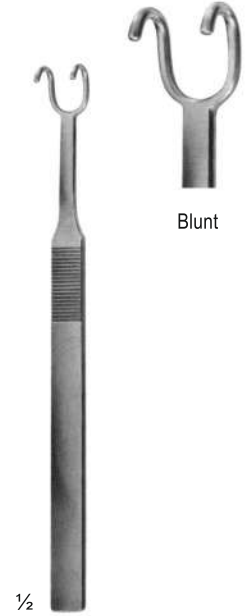
Mannerfelt Modif.
HI-118-051
13.5 cm



Mannerfelt Modif.
HI-118-052
15.5 cm



Mannerfelt Modif.
HI-118-053
15.5 cm



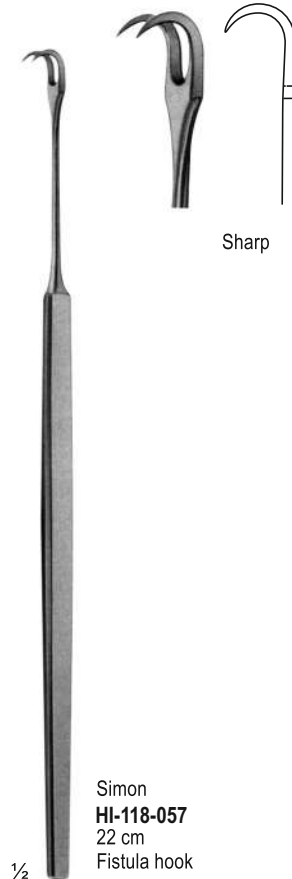
Fomon
HI-118-054
14.5 cm
Alar hooklet



Emmet
HI-118-055
22 cm
Fistula hook



Simon
HI-118-056
22 cm
Fistula hook



Simon
HI-118-057
22 cm
Fistula hook



Lange
HI-118-058
23 cm
Fistula hook



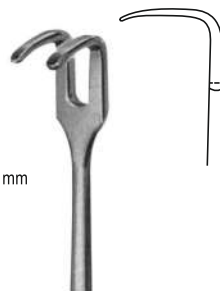
HI-119-059



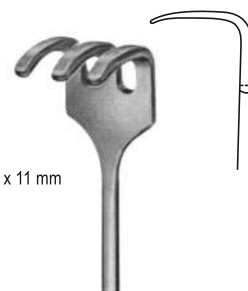
HI-119-060



12 x 6 mm



HI-119-061



12 x 11 mm

HI-119-062

HI-119-059 - HI-119-060
16 cm
Sharp

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



Sharp



HI-119-063



HI-119-064



Blunt



HI-119-065



HI-119-066



HI-119-067

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

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



Ragnell-Davis
HI-120-068
15 cm



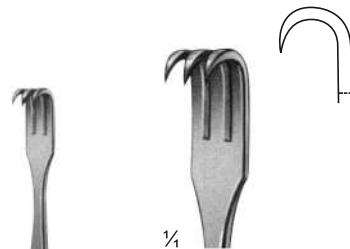
Senn-Green
HI-120-069 - HI-120-070
16 cm



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



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



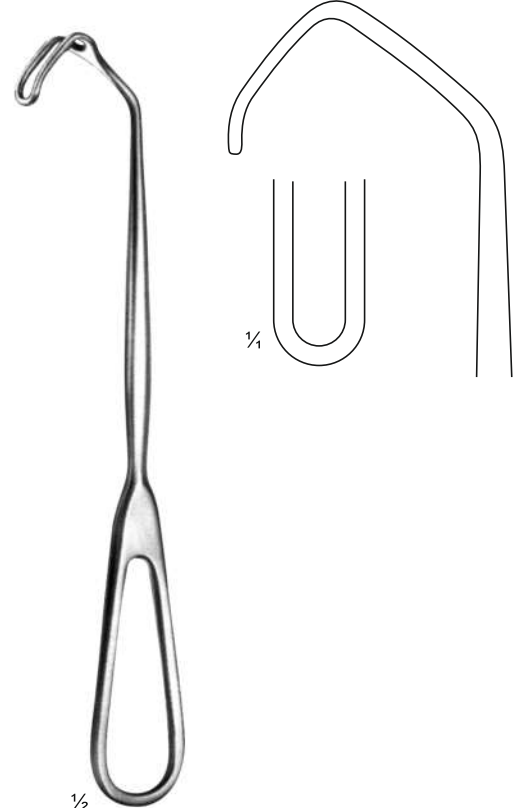
HI-120-071
Sharp prongs



HI-120-072
Blunt prongs



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



Cushing
HI-120-073
20.5 cm



HI-121-074
12 x 12 mm



HI-121-075
12 x 14 mm



HI-121-076
12 x 16 mm



HI-121-077
12 mm



HI-121-078
14 mm



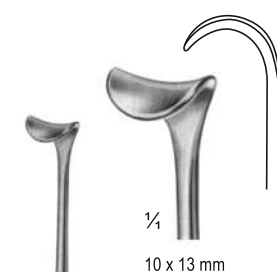
HI-121-079
16 mm



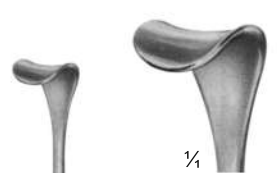
HI-121-080
18 mm

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

HI-121-077 - HI-121-080
16 cm



HI-121-081
10 x 13 mm



HI-121-082
13 x 13 mm



HI-121-083
12 x 16 mm



HI-121-084
10 x 10 mm



HI-121-085
20 x 12 mm

HI-121-081
16 cm

König
HI-121-082 - HI-121-083
18 cm

Cushing-Kocher
HI-121-084
17.5 cm

Kocher
HI-121-087 - HI-121-086
20.5cm

Retractors, Saddle Hooks

Retraktoren, Sattelhaken
Retratores, ganchos de sela
Retradores, ganchos de la silla de montar



Saddle Hooks

Sattelhaken
Ganchos de sela
Ganchos de silla de montar


 $\frac{1}{4}$

HI-123-100
8 mm



HI-123-101
10 mm


 $\frac{1}{4}$

HI-123-106
8 mm



HI-123-107
10 mm



HI-123-102
12 mm



HI-123-103
14 mm



HI-123-108
12 mm



HI-123-109
14 mm



HI-123-104
16 mm



HI-123-105
18 mm



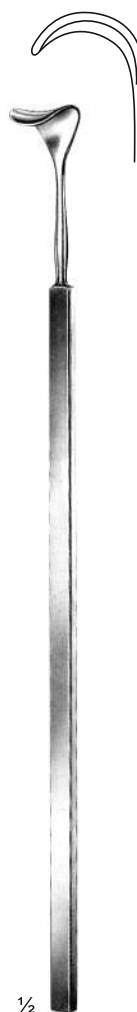
HI-123-110
16 mm



HI-123-111
18 mm


 $\frac{1}{2}$

Cushing
HI-123-100 - HI-123-105
10.5 cm


 $\frac{1}{2}$

Cushing
HI-123-106 - HI-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
HI-124-112 - HI-124-119
24 cm
Saddle hook
malleable shaft



HI-124-112
4 mm



HI-124-113
6 mm



HI-124-114
8 mm



HI-124-115
11 mm



HI-124-116
15 mm



HI-124-117
17 mm



HI-124-118
20 mm



HI-124-119
23 mm



1/2

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



HI-124-120
Narrow



HI-124-121
Wide



1/2

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

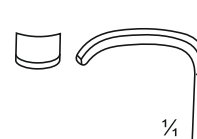


Fig. 1
HI-124-122
Smooth blade end

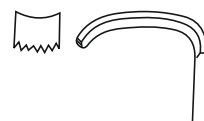


Fig. 2
HI-124-123
Toothed blade end



1/2

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



HI-125-124
13 x 6 mm



HI-125-125
12 x 11 mm

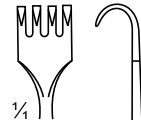


HI-125-126
15 x 12 mm

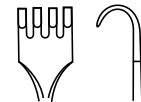


1/2

HI-125-127 - HI-125-128
16.5 cm



HI-125-127
sharp



HI-125-128
blunt



1/2

Volkman
HI-125-129 - HI-125-138
21.5 cm



HI-125-129
Sharp



HI-125-130
9 x 8 mm



HI-125-131
9 x 13 mm



HI-125-132
9 x 19 mm



HI-125-133
9 x 29 mm



HI-125-134
Blunt



HI-125-135
8.5 x 8 mm



HI-125-136
8.5 x 13 mm



HI-125-137
8.5 x 19 mm



HI-125-138
8.5 x 29 mm



Kocher
HI-126-139
20.5 cm
Sharp



Kocher
HI-126-140
22 cm
Sharp



Volkman
HI-126-141
22 cm
Sharp



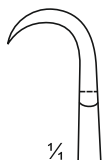
Volkman
HI-126-142
22 cm
Blunt



HI-126-143
21.5 cm
Sharp



Volkmann
HI-127-144 - HI-127-157
22 cm



Sharp



HI-127-144



HI-127-145



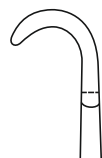
HI-127-146



HI-127-147



HI-127-148



Blunt



HI-127-149



HI-127-150



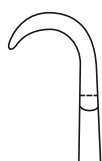
HI-127-151



HI-127-152



HI-127-153



Semi-Sharp



HI-127-154



HI-127-155



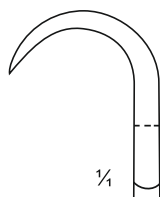
HI-127-156



HI-127-157



Kocher
HI-127-158 - HI-127-171
22 cm



Sharp



HI-127-158



HI-127-159



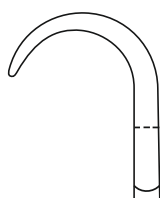
HI-127-160



HI-127-161



HI-127-162



Blunt



HI-127-163



HI-127-164



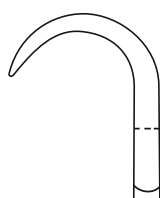
HI-127-165



HI-127-166



HI-127-167



Semi-Sharp



HI-127-168



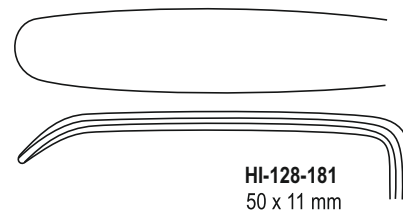
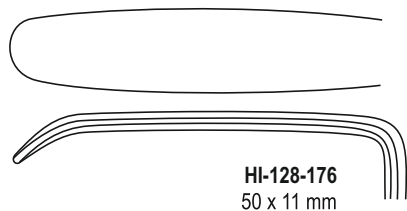
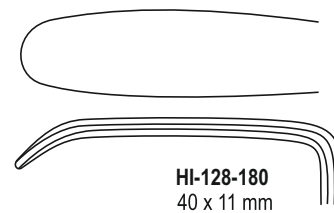
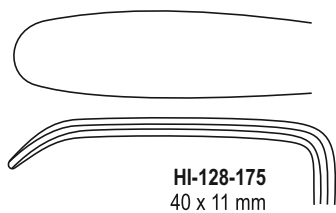
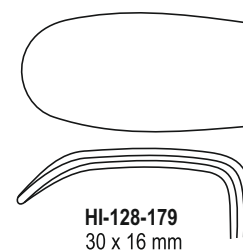
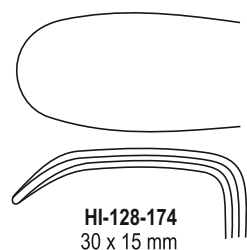
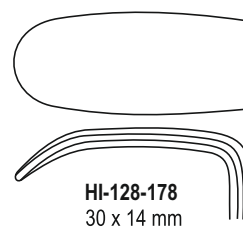
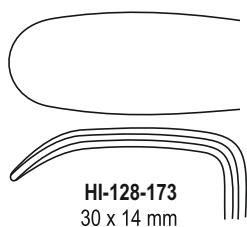
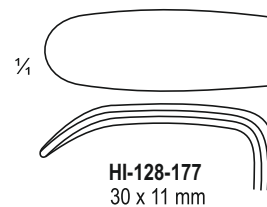
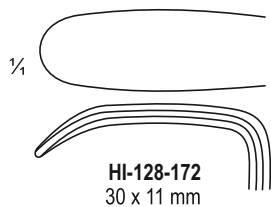
HI-127-169



HI-127-170



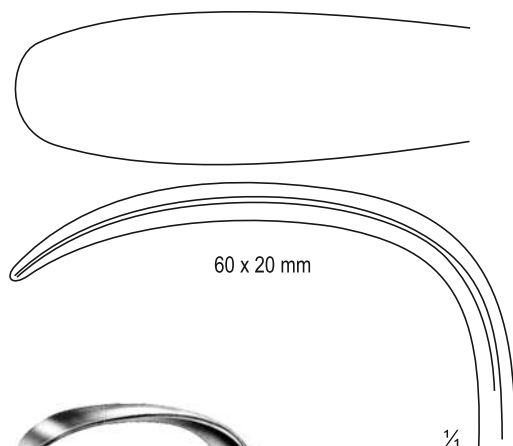
HI-127-171



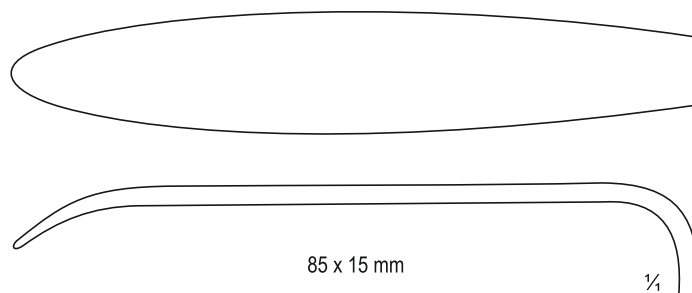
Langenbeck
HI-128-172 - HI-128-176
22 cm



Langenbeck
HI-128-177 - HI-128-181
22 cm



Langenbeck
HI-129-182
21 cm



Langenbeck
HI-129-183
22.5 cm



Lahey
HI-130-184
19.5 cm

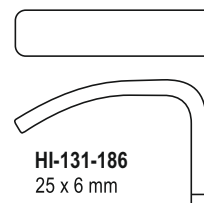


Little
HI-130-185
20.5 cm

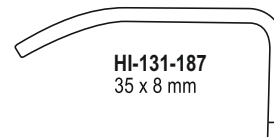


Kocher-Langenbeck
HI-131-186 - HI-131-194
21.5 cm

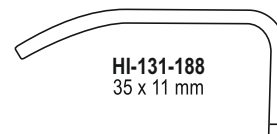
1/4



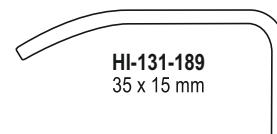
HI-131-186
25 x 6 mm



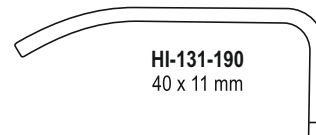
HI-131-187
35 x 8 mm



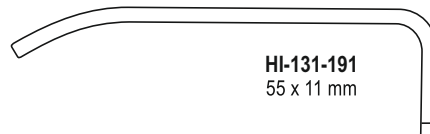
HI-131-188
35 x 11 mm



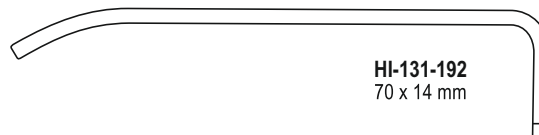
HI-131-189
35 x 15 mm



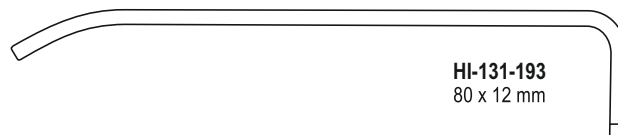
HI-131-190
40 x 11 mm



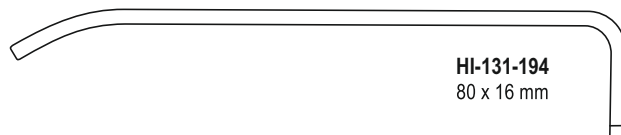
HI-131-191
55 x 11 mm



HI-131-192
70 x 14 mm



HI-131-193
80 x 12 mm



HI-131-194
80 x 16 mm



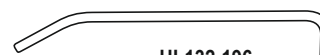
Kocher-Langenbeck
HI-132-195 - HI-132-202
21.5 cm



HI-132-195
25 x 10 mm



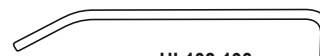
HI-132-196
40 x 13 mm



HI-132-197
60 x 13 mm



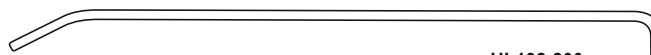
HI-132-198
40 x 18 mm



HI-132-199
60 x 18 mm



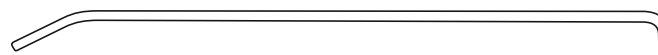
HI-132-200
85 x 18 mm



HI-132-201
60 x 25 mm

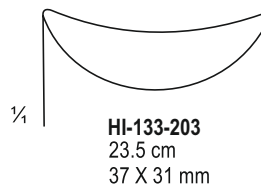


HI-132-202
85 x 25 mm

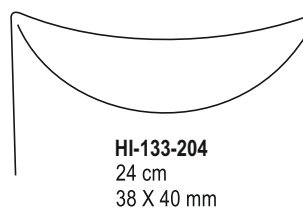




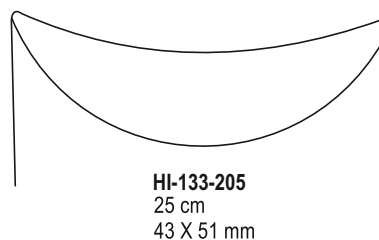
Fritsch
HI-133-203 - HI-133-208
25.5 cm



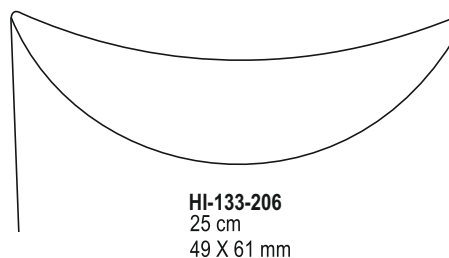
HI-133-203
23.5 cm
37 X 31 mm



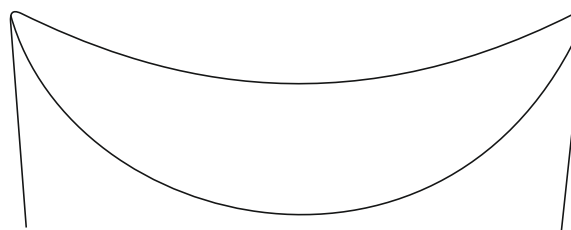
HI-133-204
24 cm
38 X 40 mm



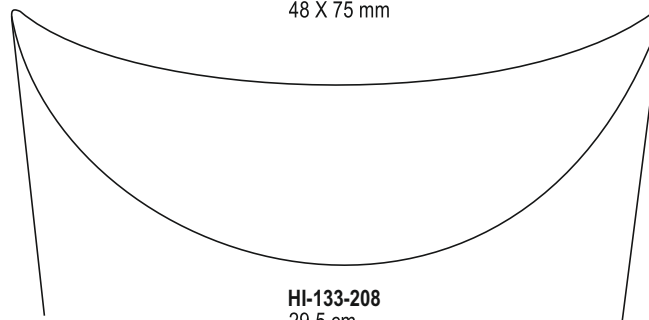
HI-133-205
25 cm
43 X 51 mm



HI-133-206
25 cm
49 X 61 mm



HI-133-207
25.5 cm
48 X 75 mm

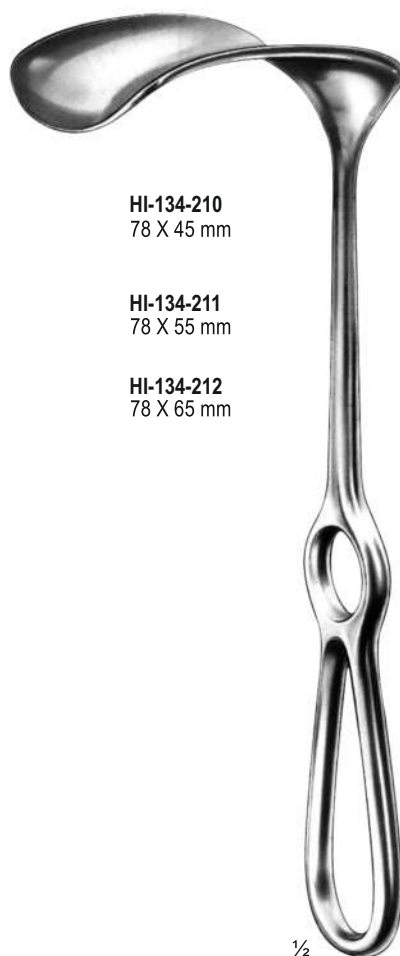


HI-133-208
29.5 cm
65 X 85 mm



1/2

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



1/2

HI-134-210
78 X 45 mm

HI-134-211
78 X 55 mm

HI-134-212
78 X 65 mm

Kocher
HI-134-210 - HI-134-212
25 cm

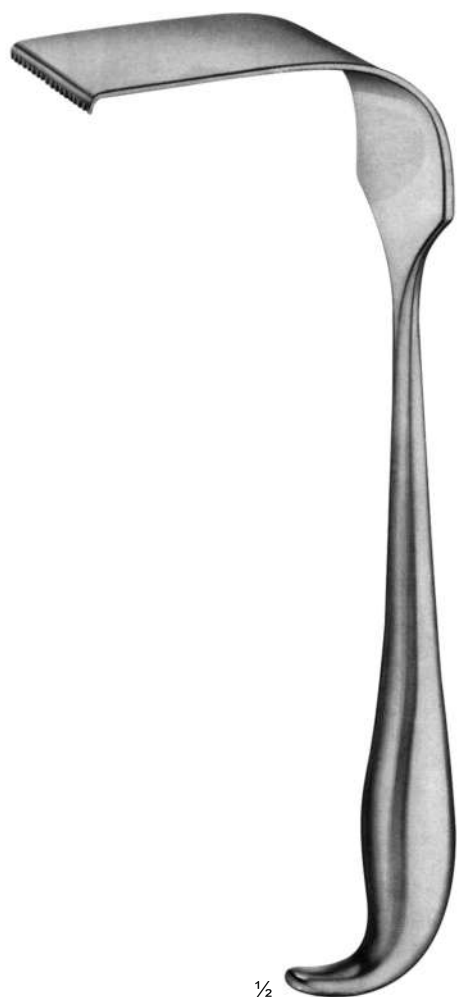


1/2

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



HI-135-214
90 x 50
25.5 cm



1/2

Meyerdig
HI-135-214 - HI-135-216
26 cm



HI-135-215
75 x 25
23 cm

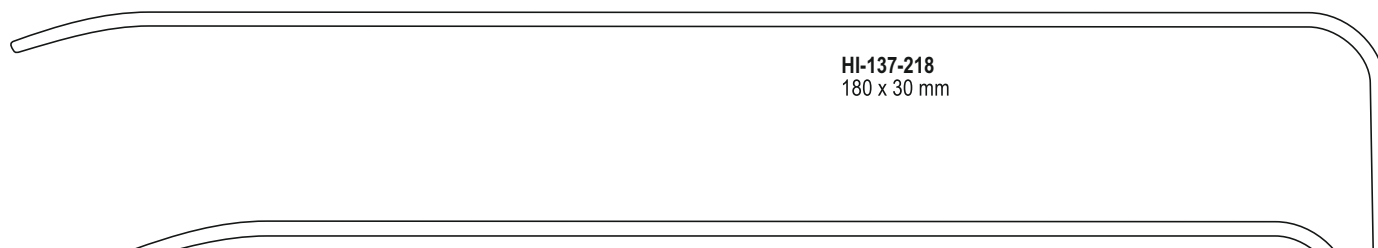


HI-135-216
52 x 16
21 cm

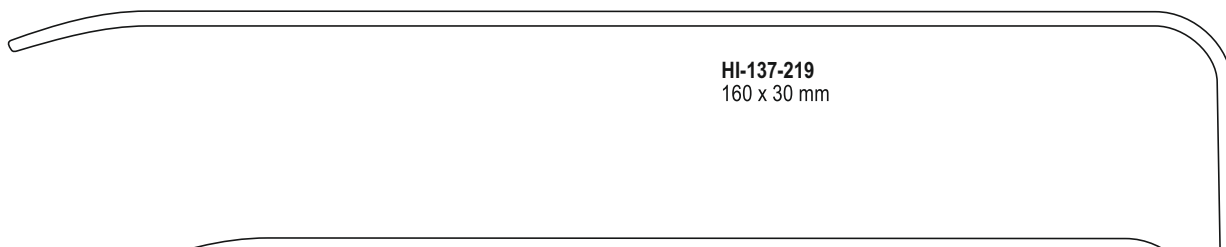
1/4



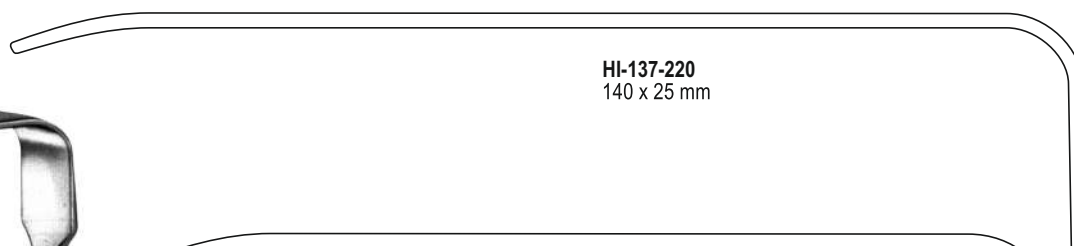
Sauerbruch
HI-136-217
25.5 cm



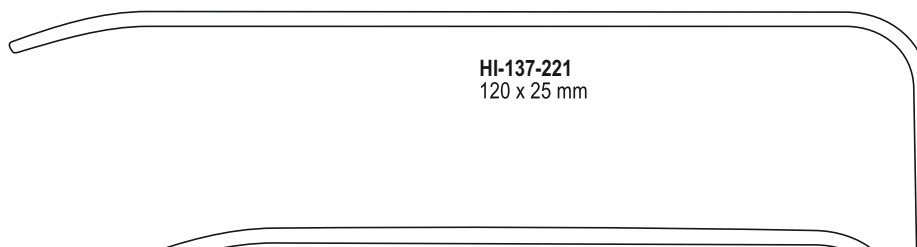
HI-137-218
180 x 30 mm



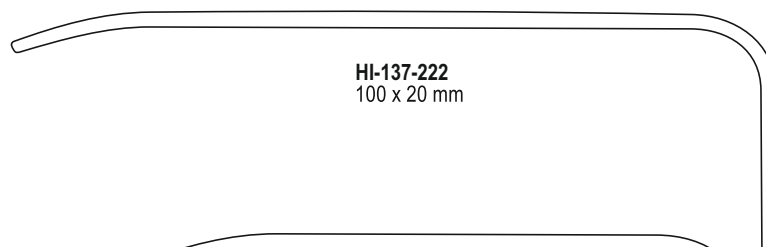
HI-137-219
160 x 30 mm



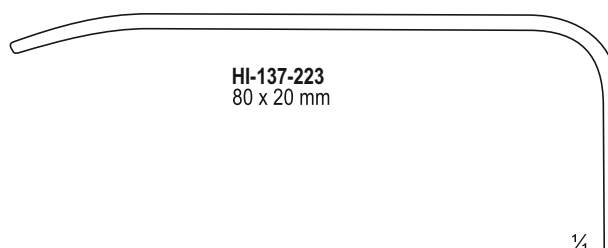
HI-137-220
140 x 25 mm



HI-137-221
120 x 25 mm



HI-137-222
100 x 20 mm



HI-137-223
80 x 20 mm

1/4



1/2

Brunner
HI-137-218 - HI-137-223
25.5 cm



Deaver
HI-138-224
18 cm
19 mm

Deaver
HI-138-225
21.5 cm
22 mm

Deaver
HI-138-226
21.5 cm
25 mm

Deaver
HI-138-227
30.5 cm
25 mm

Deaver
HI-138-228
33.5 cm
25 mm



1/2

Deaver
HI-139-229
34.5 cm
25 mm



1/2

Deaver
HI-139-230
32 cm
38 mm



1/2

Deaver
HI-139-231
31.5 cm
50 mm



1/2

Deaver
HI-139-232
31.5 cm
75 mm



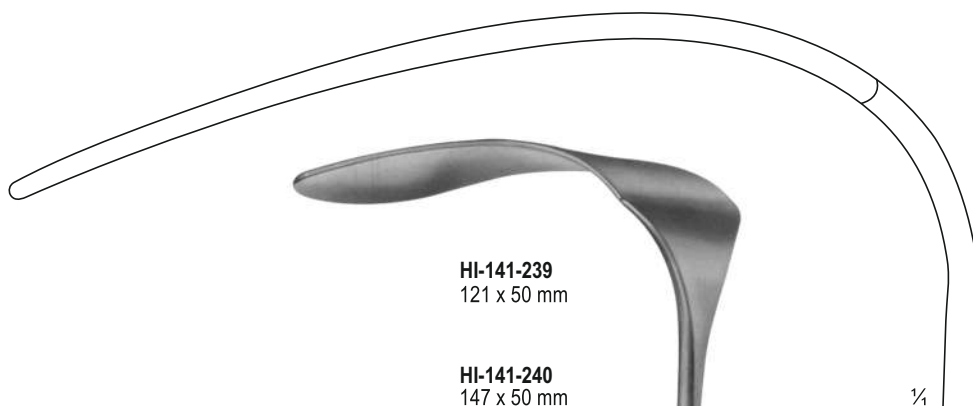
Cooley
HI-140-233
25 cm
Right
48 X 48 mm



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

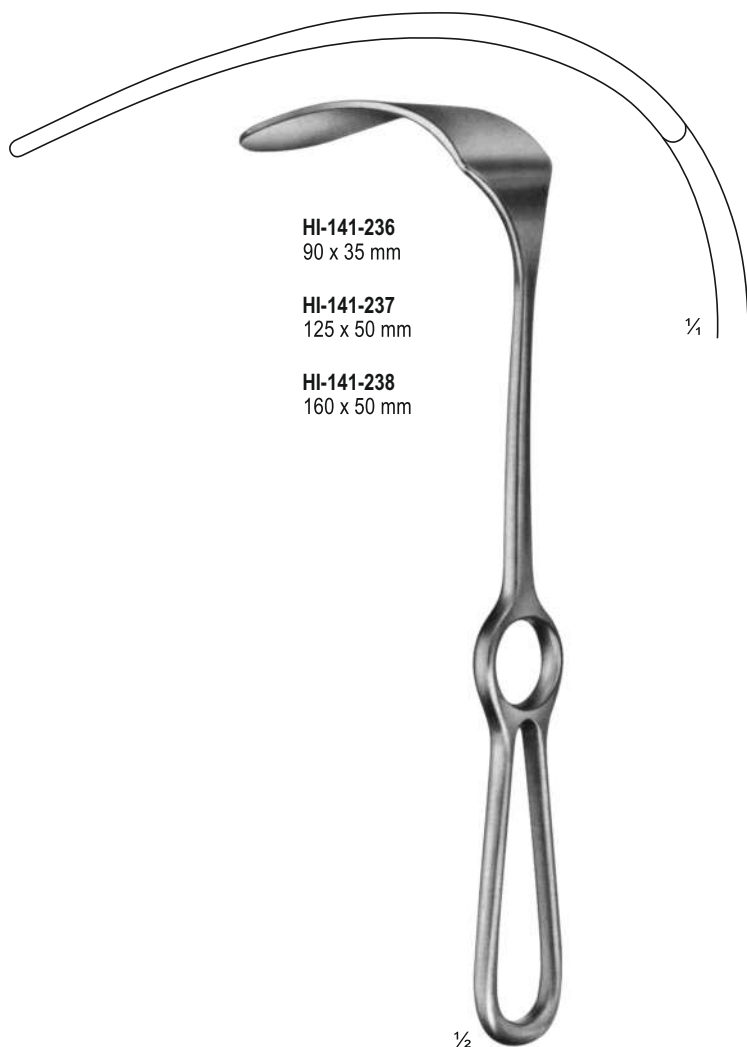


Cooley
HI-140-235
27.5 cm
Left
30 X 48 mm



HI-141-239
121 x 50 mm

HI-141-240
147 x 50 mm



HI-141-236
90 x 35 mm

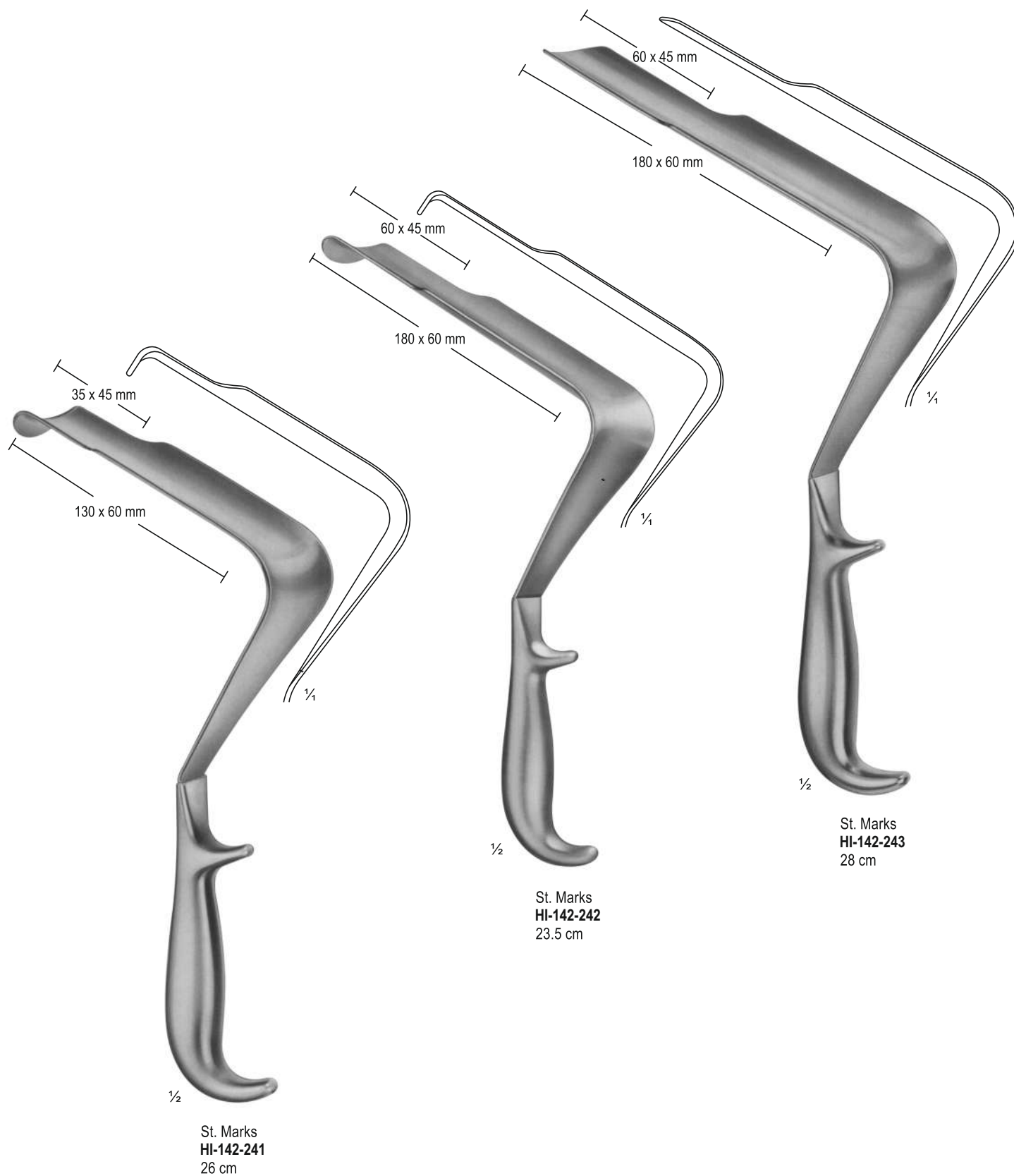
HI-141-237
125 x 50 mm

HI-141-238
160 x 50 mm

1/2

Mikulicz
HI-141-239 - HI-141-240
25 cm
Liver retractor

Mikulicz
HI-141-236 - HI-141-238
25 cm



Abdominal Retractors

Bauch-Reraktoren
Retradores abdominais
Retradores abdominales



1/3

Rochard

HI-143-244 - HI-143-248

31 cm

HI-143-244 48 x 90 mm

HI-143-245 48 x 105 mm

HI-143-246 48 x 120 mm

HI-143-247 48 x 135 mm

HI-143-248 48 x 155 mm

HI-143-249

Rochard fixation device



1/3

Doyen

HI-143-250 - HI-143-253

28 cm

HI-143-250 48 x 90 mm

HI-143-251 48 x 105 mm

HI-143-252 48 x 120 mm

HI-143-253 48 x 135 mm


1/3

Doyen-Child

HI-143-254

Fixation device

22 cm

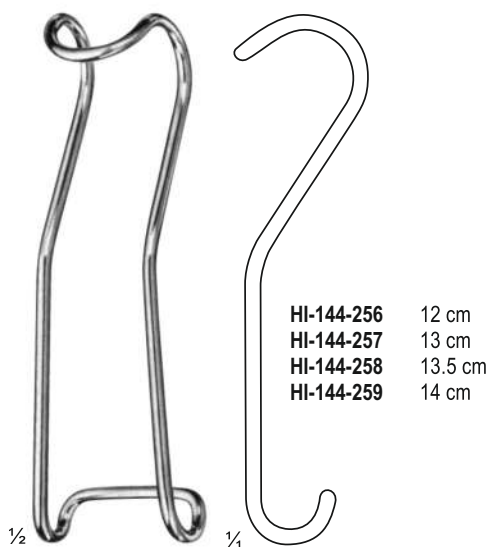

HI-143-255

Chain with

Weight (747 / 645g)

79 cm

For retractors

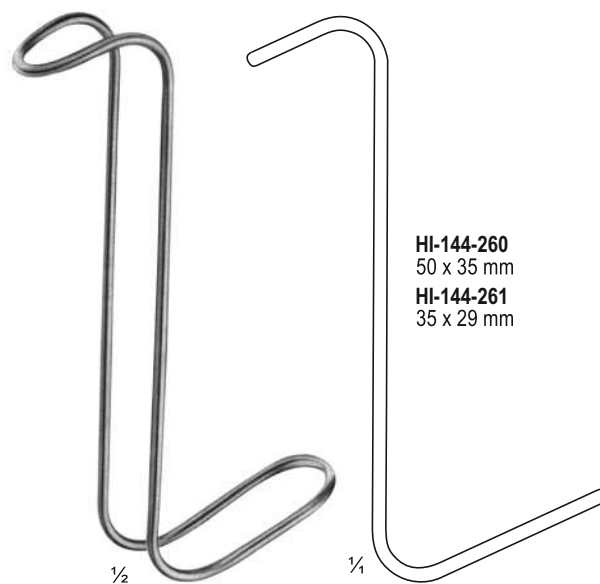


Sterberg

HI-144-256 - HI-144-259

14 cm

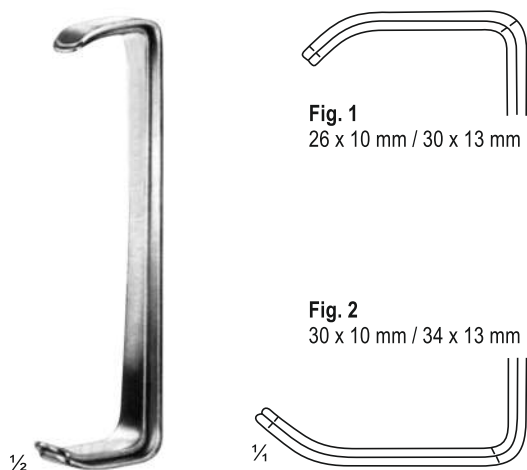
Lip and cheek retracror



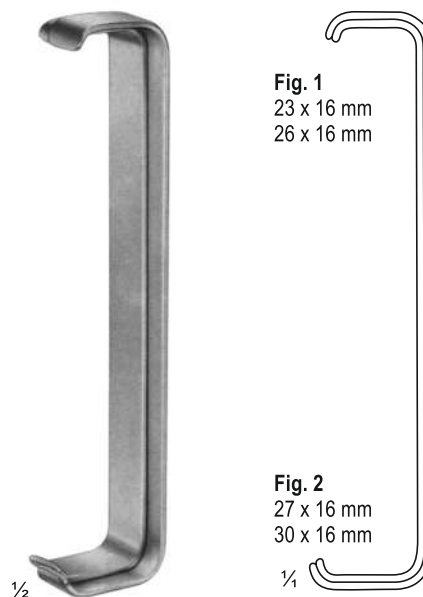
Collin-Hartmann

HI-144-260 - HI-144-261

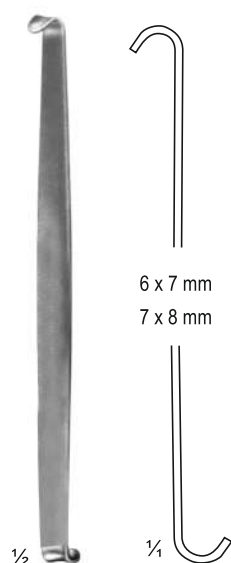
15 cm



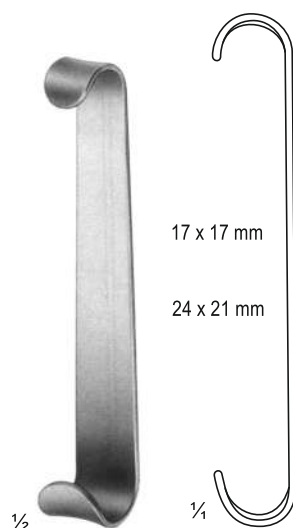
Farabeuf
HI-144-262
12 cm



Farabeuf
HI-144-263
15.5 cm



Roux-Mini
HI-145-264
14.5 cm



Roux-Baby
HI-145-265
12.5 cm



Roux
HI-145-266 - HI-145-267
15 cm



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

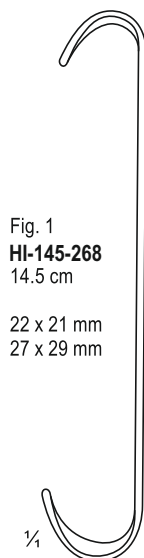


Fig. 1
HI-145-268
14.5 cm

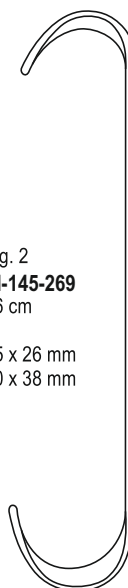


Fig. 2
HI-145-269
16 cm



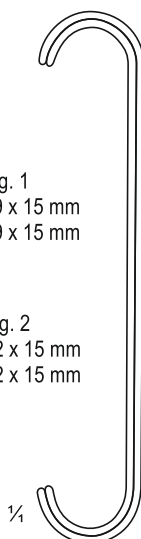
Fig. 3
HI-145-270
17 cm



Parker
HI-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
HI-146-273
18.5 cm

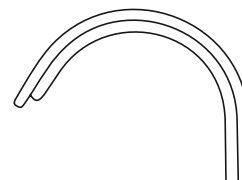
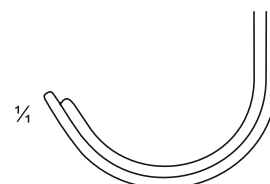


Fig. 1
26 x 25 mm / 27 x 15 mm

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



Parker-Mott
HI-146-274
16 cm

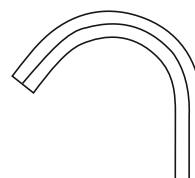
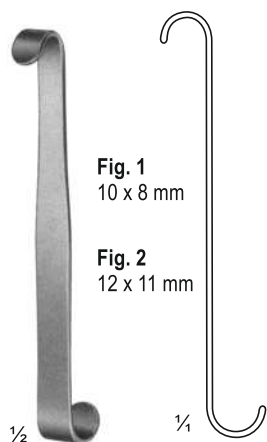


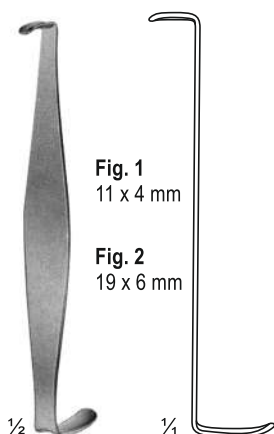
Fig. 1
21 x 24 mm
Fig. 2
25 x 24 mm

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

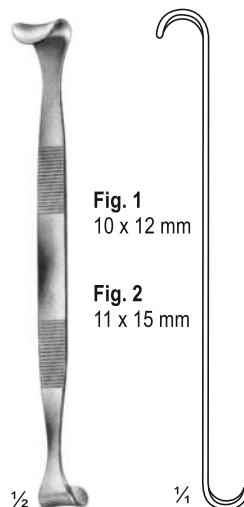




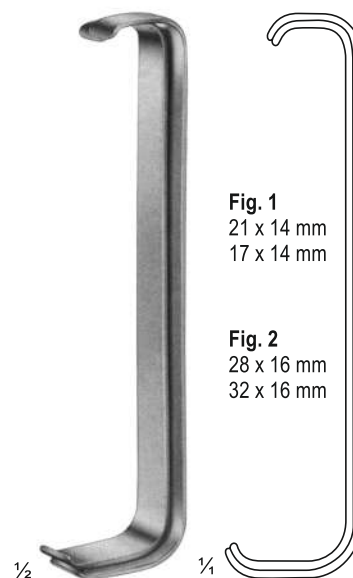
Luer
HI-147-275
11 cm



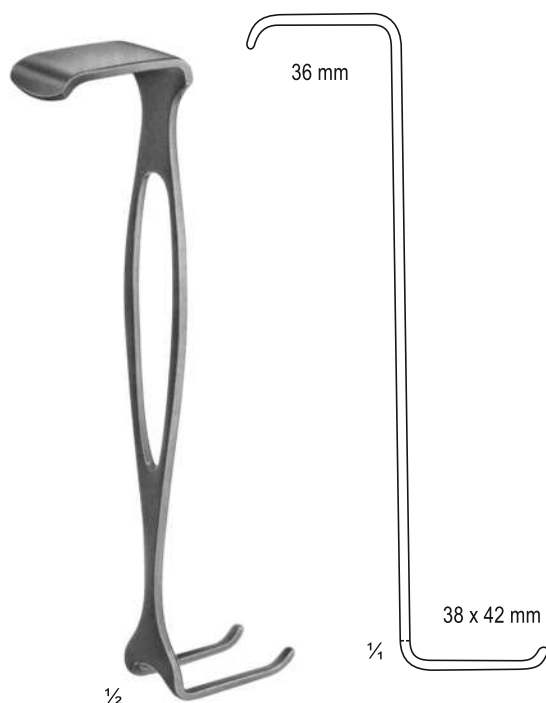
Crile
HI-147-276
11 cm



Rose
HI-147-277
13 cm



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



Czerny
HI-147-279
17.5 cm



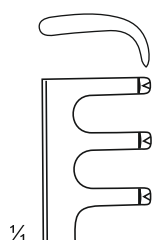
Goelet
HI-147-280
19 cm

Self-retaining Retractors

Selbsthaltende Retraktoren
Retradores de auto-retenção
Retradores autosuficientes



Jansen
HI-148-281
10 cm



With adjusting screw
Sharp



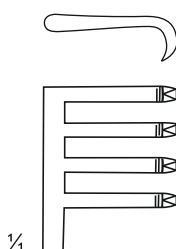
Jansen
HI-148-282
10 cm



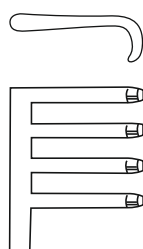
With adjusting screw
Blunt



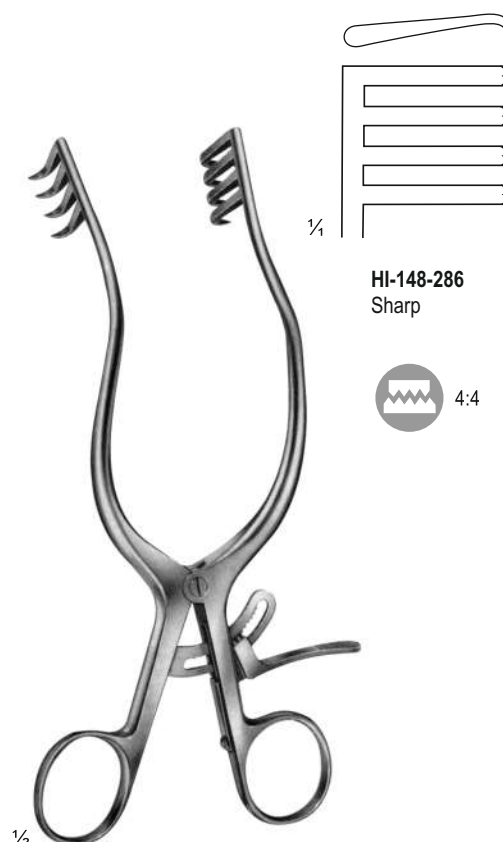
Scalp-Contour
HI-148-283 - HI-148-284
13.5 cm



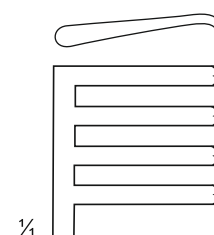
HI-148-283
Sharp



HI-148-284
Blunt



Anderson-Adson
HI-148-285
19 cm



HI-148-286
Sharp

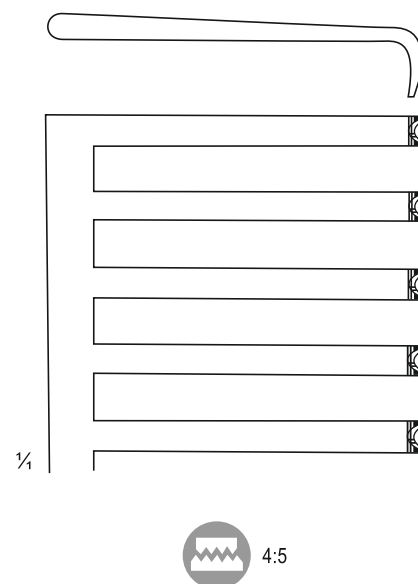




Travers
HI-149-287
21.5 cm
Blunt



Norfolk-Norwich
HI-149-288
22 cm
Blunt

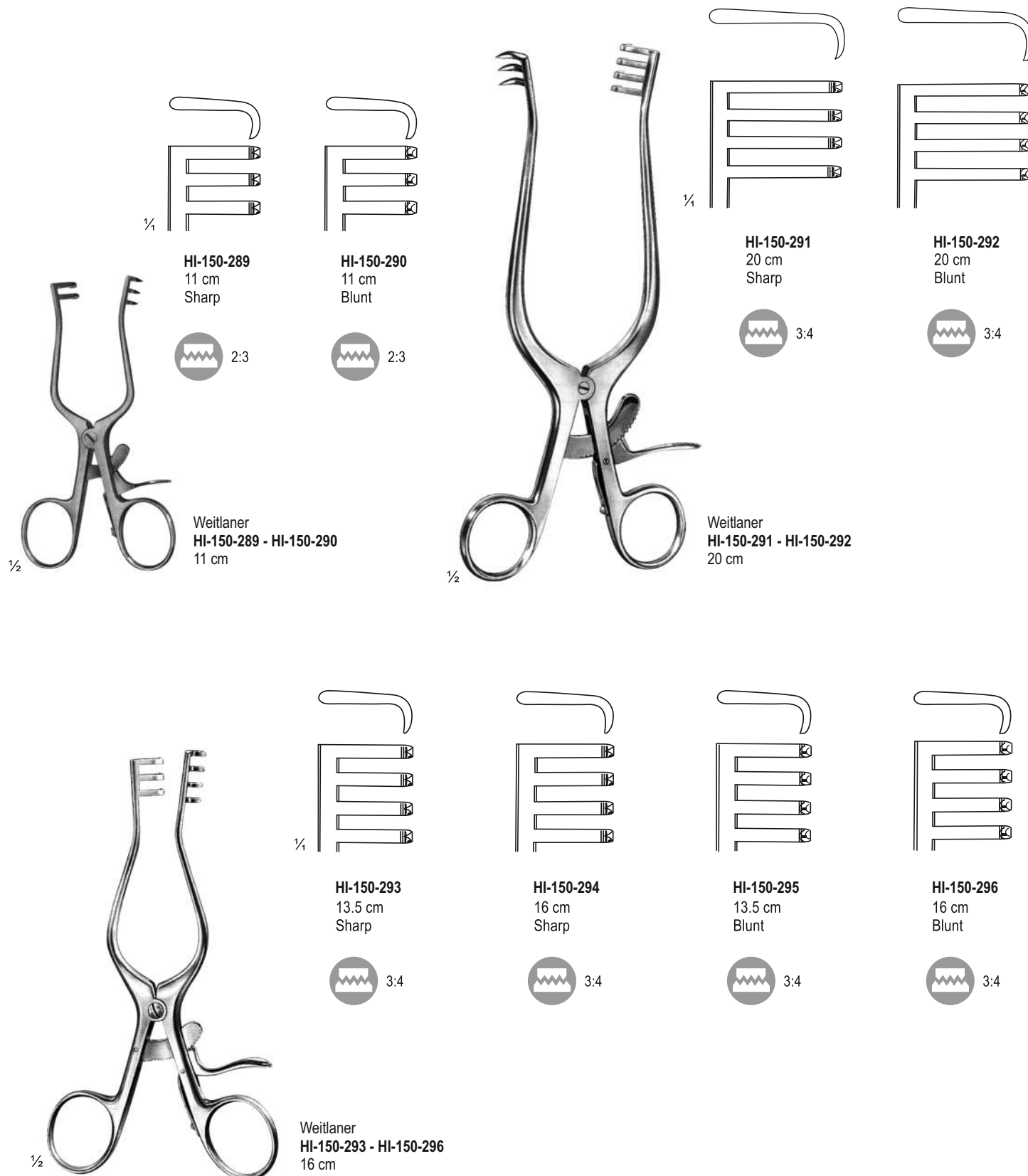


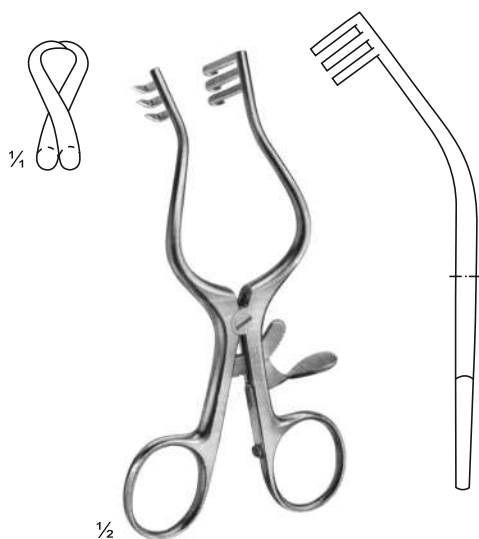
Self-retaining Retractors

Selbsthaltende Retraktoren

Retradores de auto-retenção

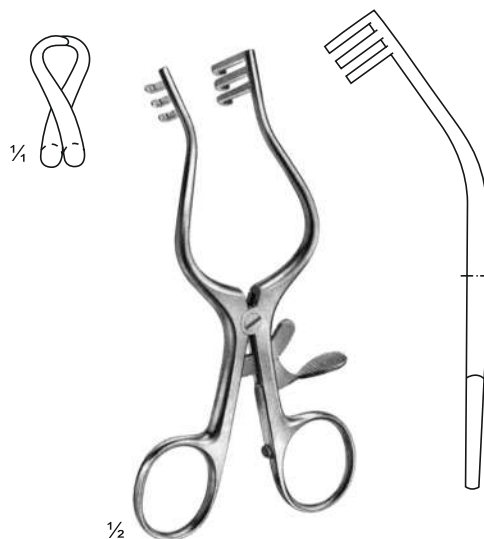
Retradores autosuficientes





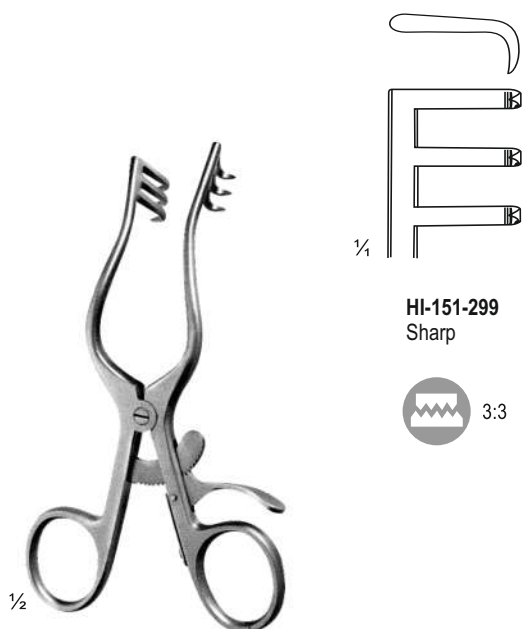
1/2

Wullstein
HI-151-297
13 cm
Sharp



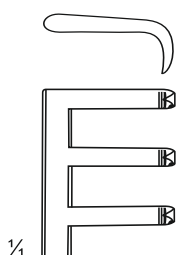
1/2

Wullstein
HI-151-298
13 cm
Blunt



1/2

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

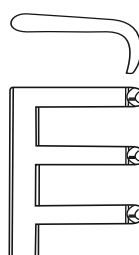


1/4

HI-151-299
Sharp



3:3



HI-151-300
Blunt



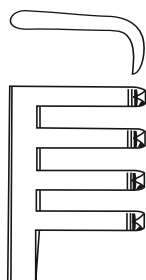
3:3

Self-retaining Retractors

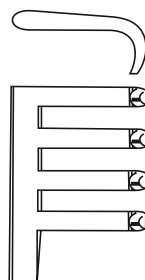
Selbsthaltende Retraktoren
Retraçadores de auto-retenção
Retradores autosuficientes



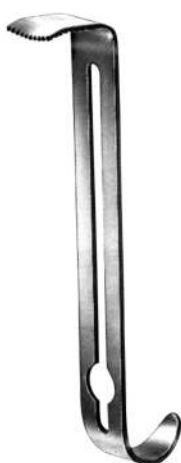
Henley
HI-152-301 - HI-152-302
16.5 cm
Complete with 3 central blades
ref. 06-540-19, - 25 and 32



HI-152-301
Sharp



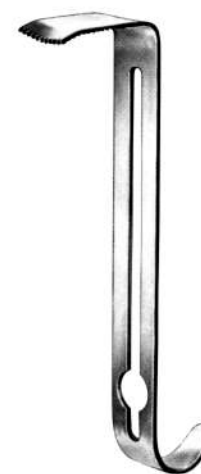
HI-152-302
Blunt



Blades
19 X 17 mm



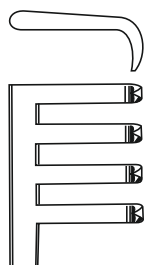
Blades
25 X 17 mm



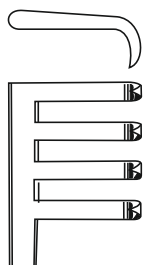
Blades
32 X 17 mm

Self-retaining Retractors

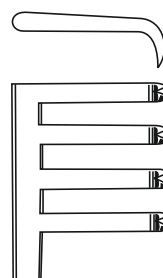
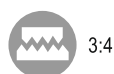
Selbsthaltende Retraktoren
Retraçadores de auto-retenção
Retradores autosuficientes



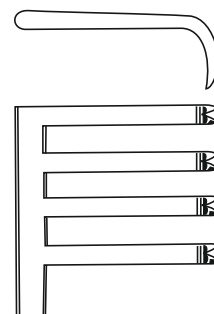
HI-153-303
14 cm
Sharp



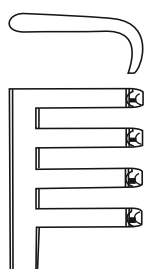
HI-153-304
16.5 cm
Sharp



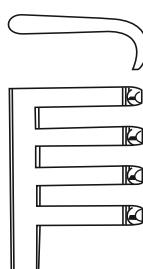
HI-153-305
21 cm
Sharp



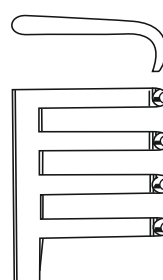
HI-153-306
24.5 cm
Sharp



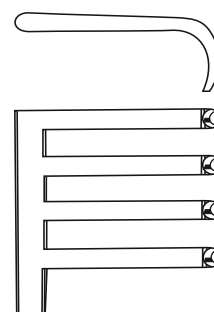
HI-153-307
14 cm
Blunt



HI-153-308
16.5 cm
Blunt



HI-153-309
21 cm
Blunt



HI-153-310
24.5 cm
Blunt



Adson
HI-153-303 - HI-153-310

Self-retaining Retractors, Vaginal Retractors

Selbsthaltende Retraktoren, vaginale Retraktoren

Retradores auto-retentivos, retractoros vaginais

Retradores autorretenidos, retractoros vaginales



Joll

HI-154-311

15.5 cm

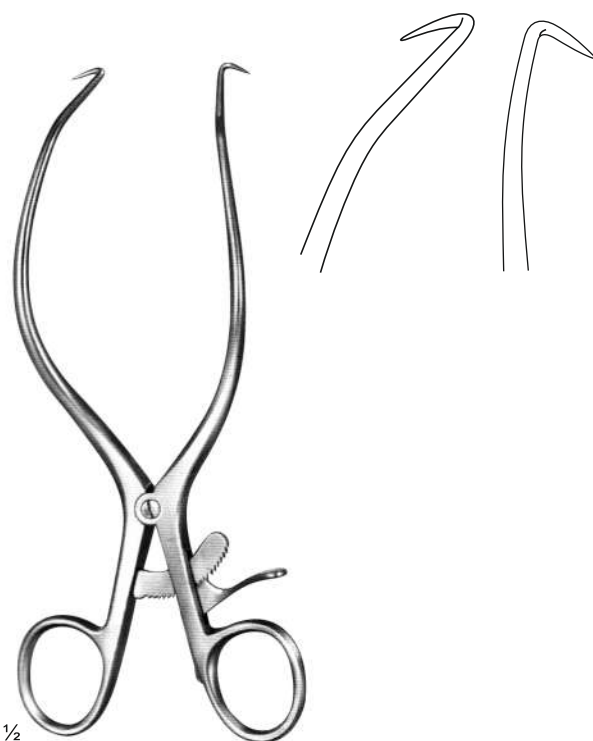
Thyroid and vaginal retractor



Gelpi

HI-154-312

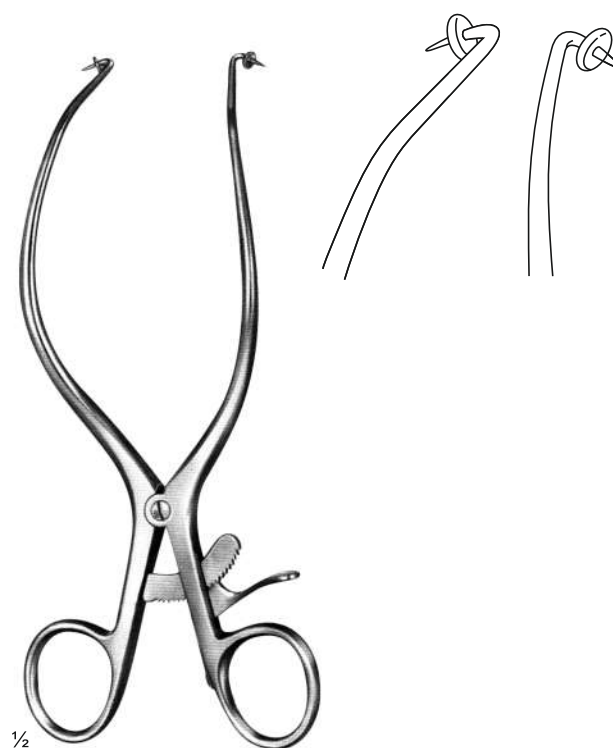
13 cm



Gelpi

HI-154-313

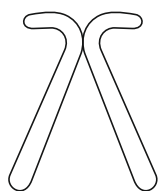
18 cm



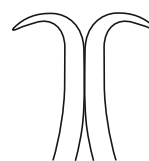
Gelpi

HI-154-314

18.5 cm



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



DeBakey
HI-155-316
14.5 cm



Collin Baby

HI-156-317

20 cm

Complete, with 2 pair of lateral blades

18 x 40 mm and 27 x 40 mm

Spreading

80 mm



Collin

HI-156-318

24 cm

Complete, with 1 pair of lateral blades

38 x 60 mm

Spreading

80 mm

HI-157-319
Central blade

HI-157-320
Central blade



Collin
HI-157-319 - HI-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

HI-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

HI-157-321
Central blade



Collin
HI-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



1/2

Gosset-Baby
HI-158-322
12.5 cm

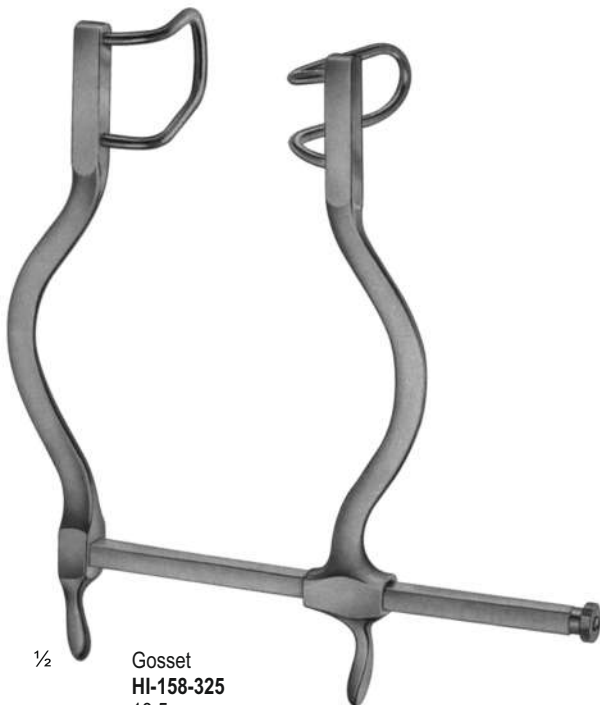
Lateral blades (40 X 30 mm)
Spreading
120 mm

Central blade
HI-158-324
60 x 56 mm



Gosset
HI-158-323 - HI-158-324
16.5 cm

Lateral blades 63 X 35 mm
Spreading
160 mm



1/2

Gosset
HI-158-325
18.5 cm

Lateral blades (63 X 65 mm)
Spreading
140 mm



Hertzer
HI-158-326
Blades
20 x 25 mm

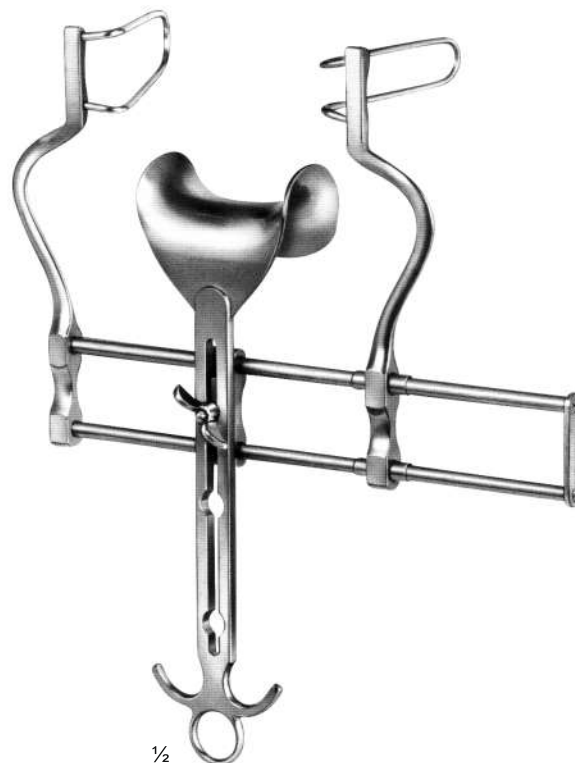
Abdominal Retractors

Bauch-Reraktoren
Retradores abdominais
Retractores abdominales

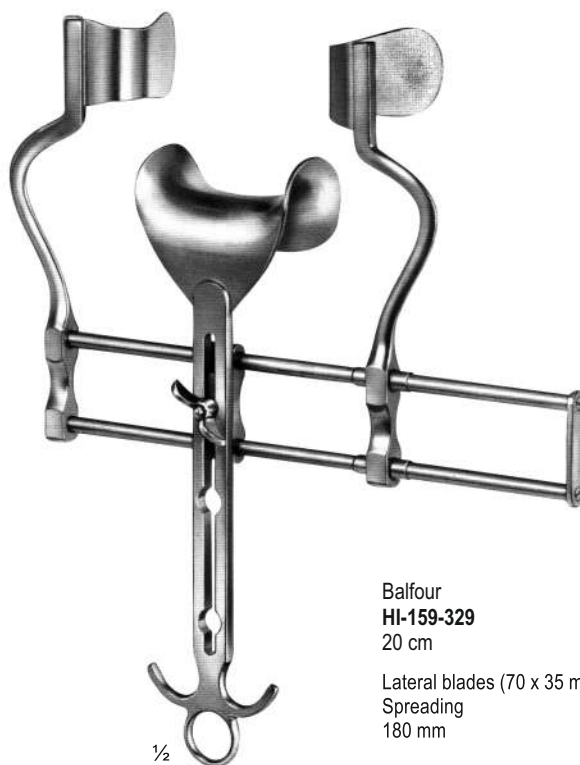


Balfour-Baby
HI-159-327
12.5 cm
Center blade 24 x 20 mm

Spreading
95 mm



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



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



Balfour
HI-160-330
20 cm

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

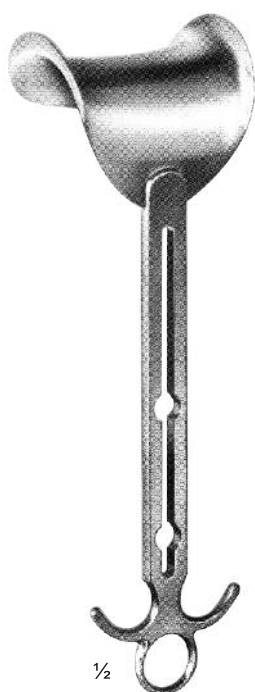


Balfour-Standard
HI-160-331
20 cm

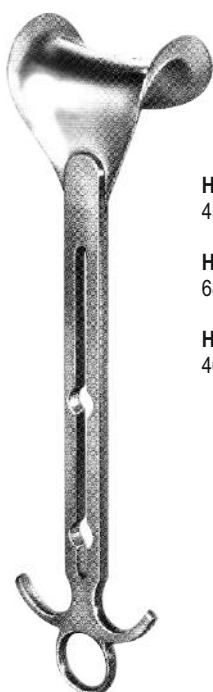
Lateral blades (100 x 35 mm)
Spreading
250 mm

Abdominal Retractors

Bauch-Reraktoren
Retradores abdominais
Retradores abdominales



HI-161-332
45 x 80 mm



HI-161-333
68 x 85 mm

HI-161-334
40 x 68 mm

1/2

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



1/2

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

HI-161-337
With 1 pair each lateral blades

Spreading
190 mm



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



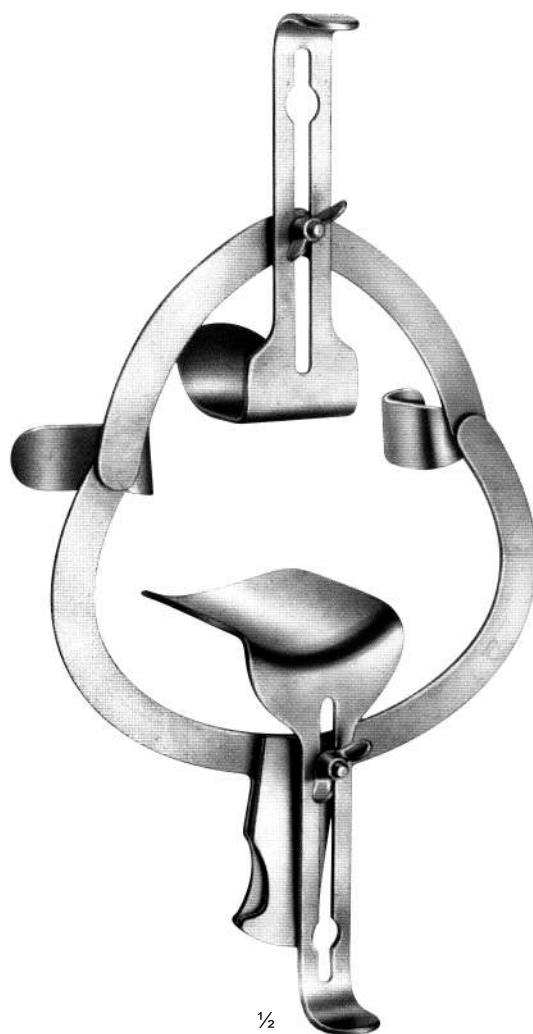
HI-161-336
8 cm
Fenestrated blades
80 mm deep (pair)

Abdominal Retractors

Bauch-Reraktoren

Retradores abdominais

Retractores abdominales



Central blade
HI-162-338
80 x 45 mm

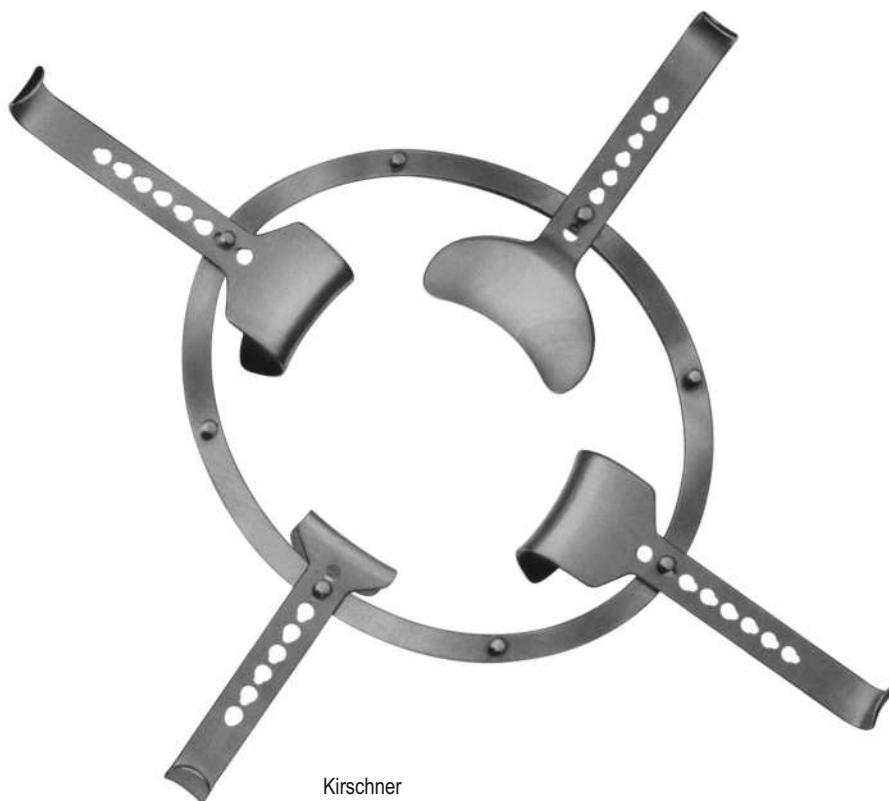
Central blade
HI-162-339
110 x 70 mm

O'Sullivan-O'Connor
HI-162-338 - HI-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

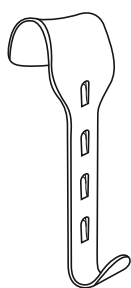


Kirschner
HI-228-532 - HI-228-531

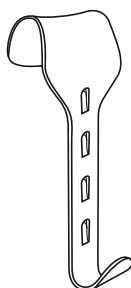
Frame 3 hooks
1 hooks each

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

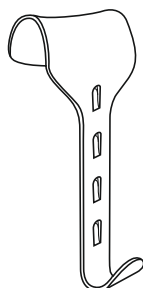
Blades



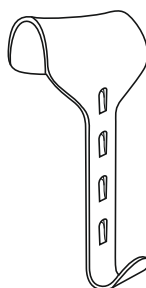
HI-228-534
40 x 55 mm
Standard



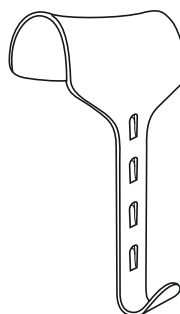
HI-228-535
50 x 65 mm
Standard



HI-228-536
60 x 85 mm
Standard

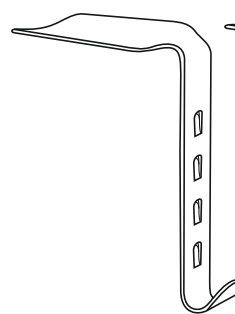


HI-228-537
78 x 65 mm

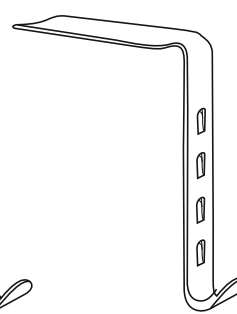


HI-228-538
80 x 90 mm

For obese Patients



HI-228-539
98 x 50 mm



HI-228-540
105 x 35 mm

For intestine and bladder

Abdominal Retractors

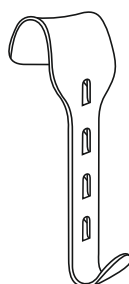
Bauch-Reraktoren
Retradores abdominais
Retractores abdominales



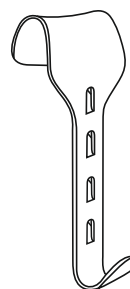
Kirschner
HI-229-541 - HI-229-543

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

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



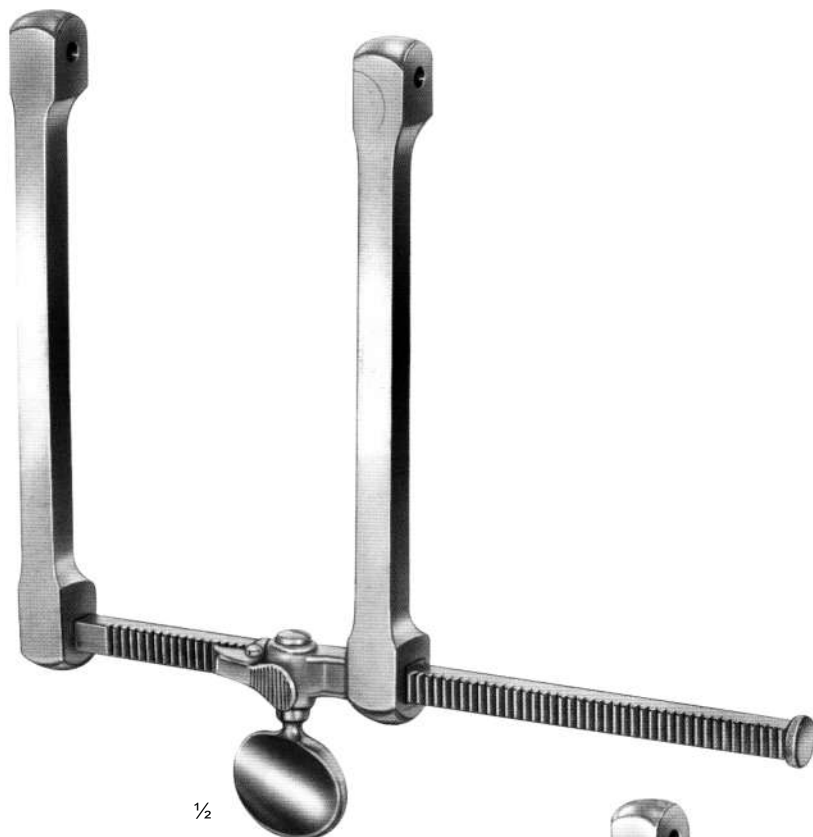
Kirschner
HI-229-541
40 x 55 mm



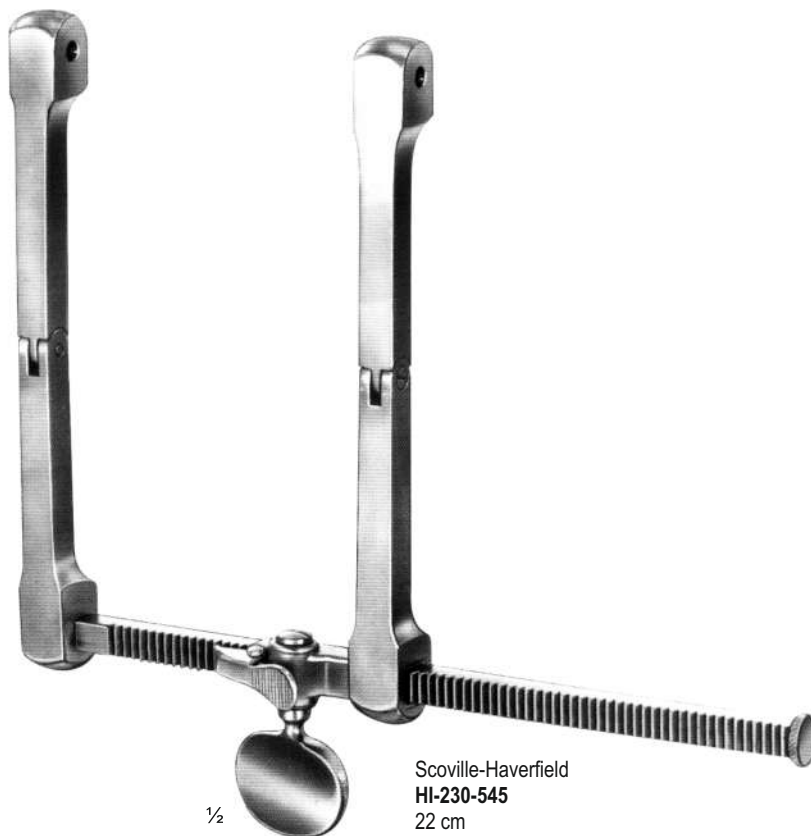
Kirschner
HI-229-541
40 x 55 mm

Laminectomy Retractors

Laminektomie Retraktoren
Retradores de laminectomia
Retradores de laminectomía

 $\frac{1}{2}$

Scoville
HI-230-544
22 cm
Spreading
190 mm

 $\frac{1}{2}$

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



HI-231-546

5 cm

Hook, piece

50 mm deep, blunt



HI-231-547

7 cm

Hook, piece

70 mm deep, blunt



HI-231-548

5 cm

Hook, piece

50 mm deep, sharp



HI-231-549

7 cm

Hook, piece

70 mm deep, sharp



HI-231-550 60 x 25 mm

HI-231-551 61 x 50 mm

HI-231-552 86 x 25 mm

Blades, piece
toothed



HI-231-553 48 x 50 mm

HI-231-554 64 x 50 mm

HI-231-555 64 x 64 mm

HI-231-556 80 x 57 mm

Hook, piece
Sharp



HI-231-557 44 x 38 mm

HI-231-558 67 x 44 mm

Hook, piece
Sharp



1/2

Tuffier
HI-233-559
20 cm
Malleable



1/2

Haberer
HI-233-560 - HI-233-562
Tapered

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

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

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



1/2

HI-233-563 - HI-233-565
33 cm
Malleable

HI-233-563
33 cm
30 mm

HI-233-564
33 cm
40 mm

HI-233-565
33 cm
50 mm



1/2

Reverdin
HI-233-566
28.5 cm



Probes

Sonden

Sondas

Sondas

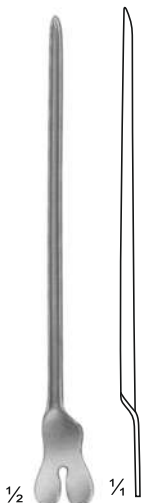
Page 169-171

Dissecting Forceps

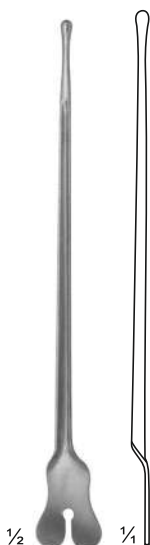
Präparierzange

Pinça de dissecação

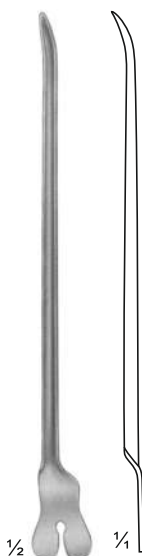
Pinzas de disección



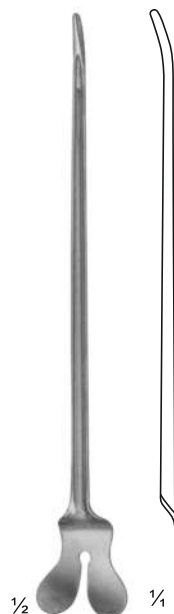
HI-169-001 - HI-169-003
HI-169-001 13 cm
HI-169-002 14.5 cm
HI-169-003 16 cm
 Grooved directors



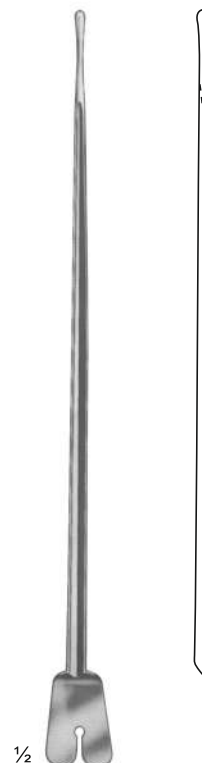
HI-169-004 - HI-169-006
HI-169-004 13 cm
HI-169-005 14.5 cm
HI-169-006 16 cm
 Grooved directors with tip
 diam. of tip 3.3 mm



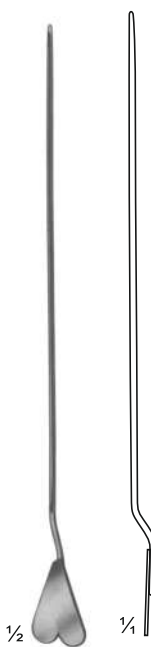
Doyen
HI-169-007
 14.5 cm
 Grooved directors



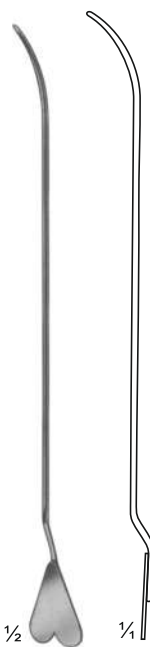
Nelaton
HI-169-008
 16 cm
 Grooved directors



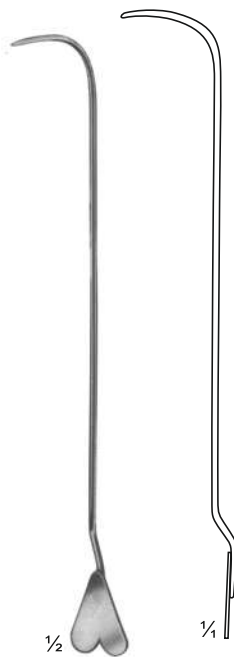
Brodie
HI-169-009
 Grooved director with tip,
 diam. of tip 3.5 mm
 20 cm



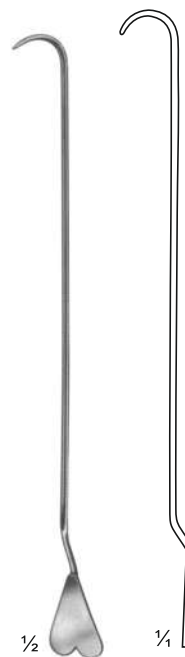
Lockhart-Mummery
HI-169-010
 16.5 cm
 Fistula probe



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



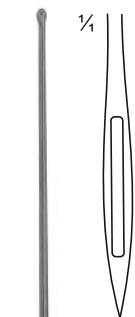
Lockhart-Mummery
HI-169-012
 16.5 cm
 Fistula probe



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



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



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

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



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

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



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

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



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

Probes
HI-170-026 - HI-170-031
Ø 1 mm



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

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



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

Probes
HI-170-038 - HI-170-045
Ø 2 mm



Probes
HI-170-046
19 cm



Probes
HI-170-047
25 cm

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



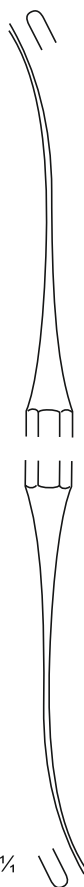
Probes
HI-170-048
40 cm

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



Probes
HI-170-049 - HI-170-051
30 cm

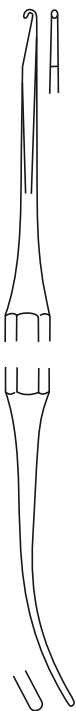
HI-170-049 Ø 1.5 mm
HI-170-050 Ø 2 mm
HI-170-051 Ø 2.5 mm



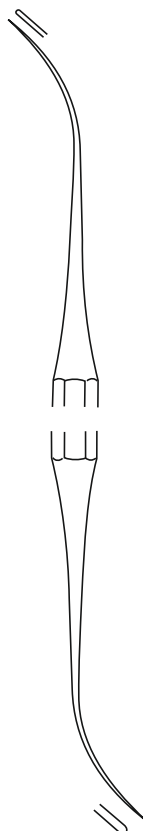
HI-171-052
18 cm
Phlebodissector



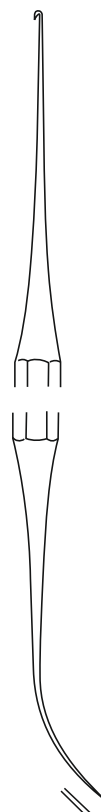
HI-171-053
18 cm
Phlebodissector



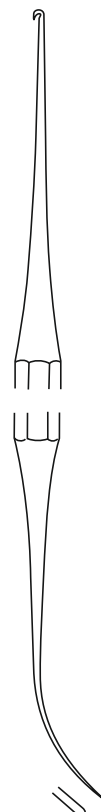
HI-171-054
18 cm
Phlebodissector



HI-171-055
17 cm
Micro dissector



HI-171-056
17 cm
Micro dissector



HI-171-057
17 cm
Mini phlebodissector



Varady
HI-171-052 - HI-171-057



Diagnostics

Diagnose

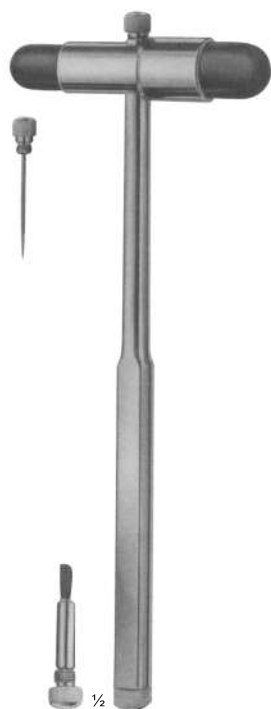
Diagnóstico

Diagnostico

Page 172-180

Percussion Hammers

Perkussion Hämmer
Martelos de Percussão
Martillos de percusión



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



Dejerine
HI-172-002
20 cm



Dejerine
HI-172-003
with needle
21 cm



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

Percussion Hammers Fetoscopes

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



Berliner
HI-173-005
20 cm



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



Troemner
HI-173-007
24.5 cm



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



Pinard
HI-173-009
Aluminum
15 cm
Fetoscopes

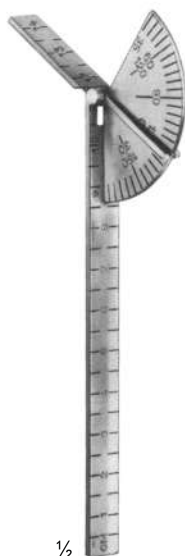


Pinard
HI-173-010
Wooden
18 cm
Fetoscopes



1/2

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



1/2

Carroll
HI-174-012
14.5 cm
Finger Goniometer



1/2

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



Möltgen
HI-174-014
Flexometer
for extremities



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



1/4

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



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



Boley
HI-175-019
14 cm



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



HI-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



HI-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



HI-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



**HI-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.

**HI-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.



HI-178-026

Fiber Optic (ENT DIAGNOSTIC SET LARGE)

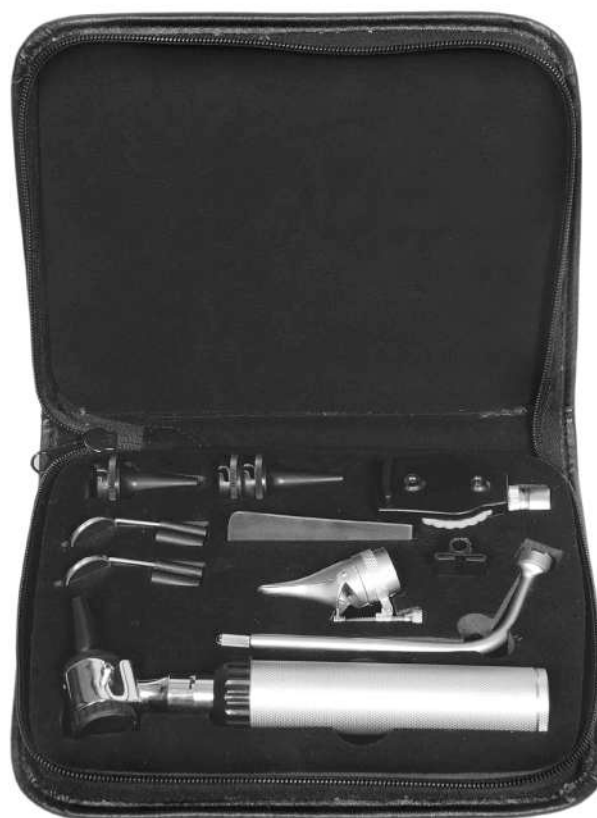
An ENT diagnostic set consists of different ENT tools that are used in the examination of the ears, nose and throat. Our Fiber Optic Diagnostic Set consists of following.

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.



HI-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.



HI-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.



HI-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.



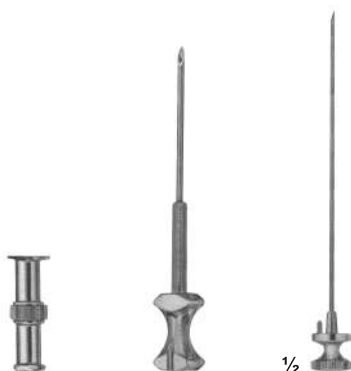
Trocars, Suction Tubes, Cannulas

Trokare, Saugrohre, Kanülen

Trocars, Tubos de Sucção, Cânulas

Trocares, tubos de succión, cánulas

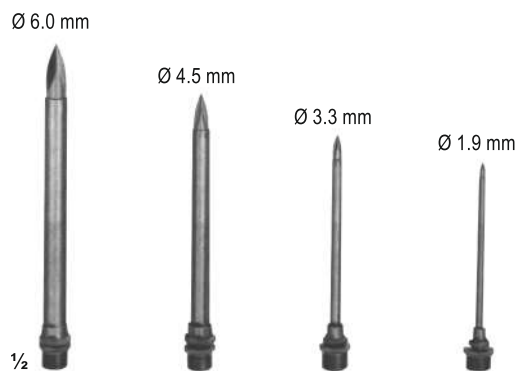
Page 181-187



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



Universal Trocar
HI-181-002
With 4 tips



HI-181-003 - HI-181-007

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

For hydrocele and abdominal puncture



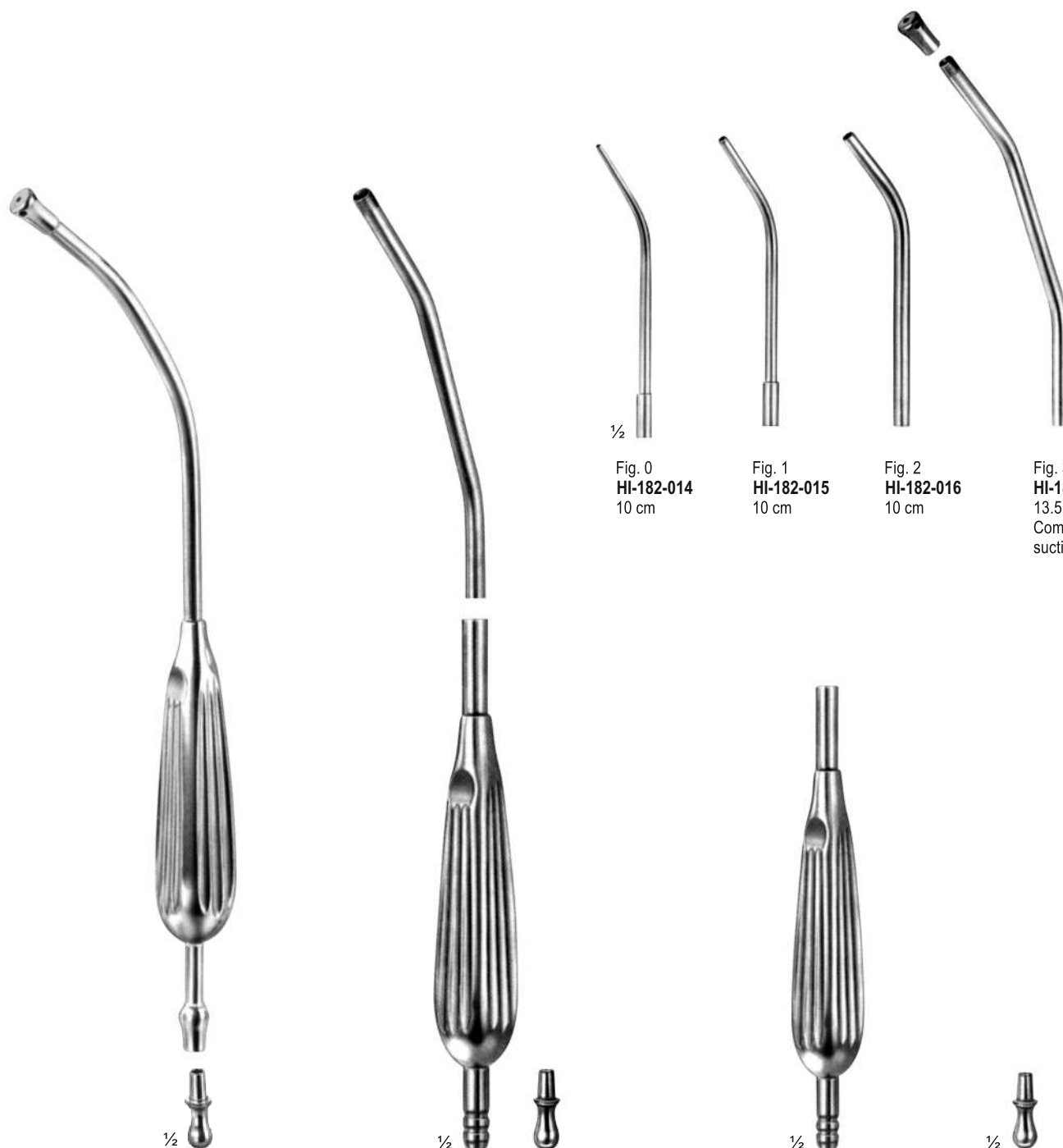
HI-181-008 - HI-181-011

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

For abdominal puncture,
with stop-cock and lateral drain

Suction Tubes

Saugrohre
Tubos de sucção
Tubos de succión



1/2

Fig. 0
HI-182-014
10 cm

Fig. 1
HI-182-015
10 cm

Fig. 2
HI-182-016
10 cm

Fig. 3
HI-182-017
13.5 cm
Complete, with
suction tip

1/2

Yankauer
HI-182-012
31 cm
Complete, with suction
tip and connector

1/2

Yankauer
HI-182-013
31 cm
Complete, with handle, 4 tube,
suction tip and tube connector

1/2

Handle
HI-182-018
15 cm

1/2

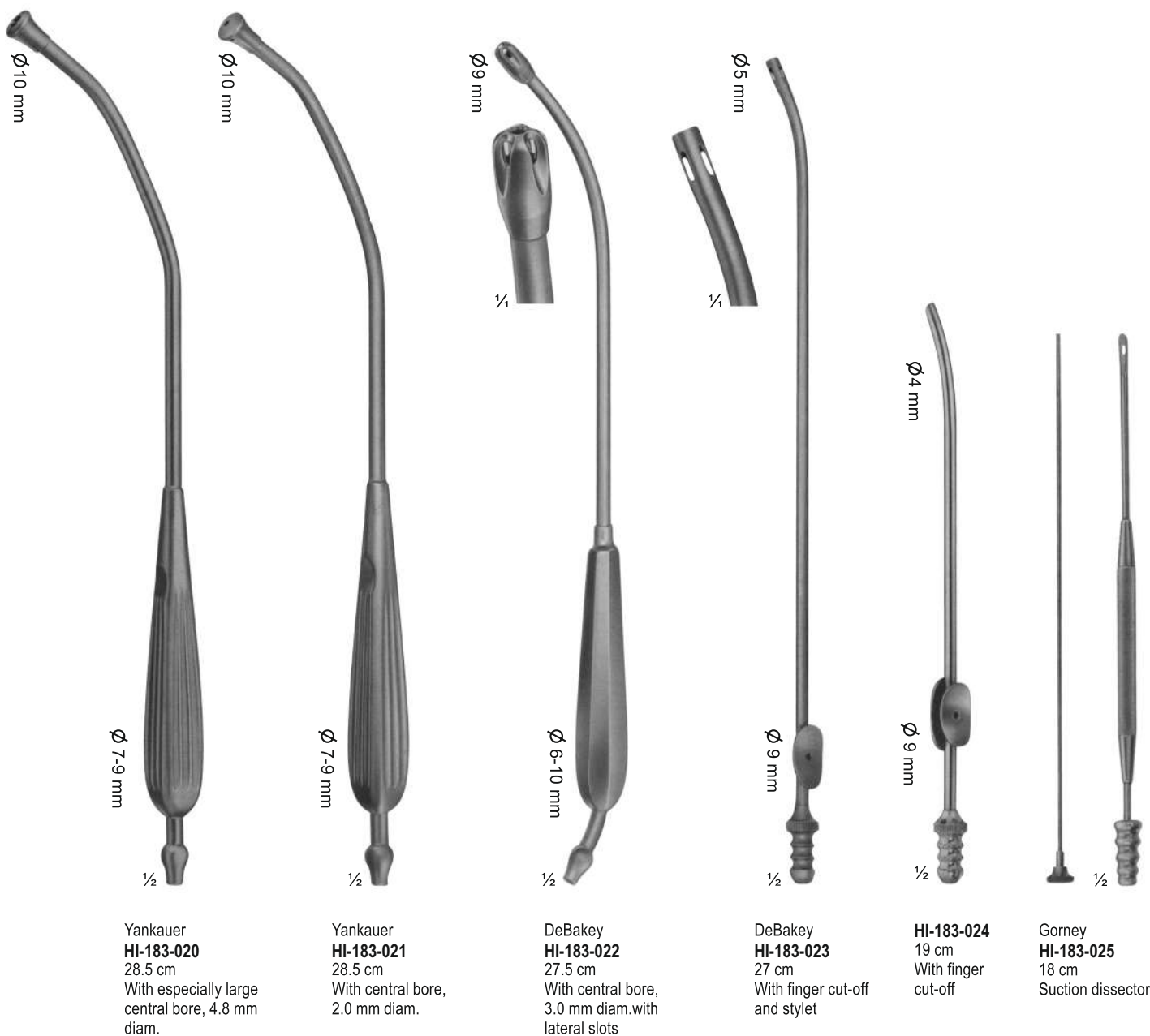
Olive
HI-182-019
2.5 cm

Suction tubes, Suction Instruments

Saugrohre, Sauginstrumente

Tubos de sucção, instrumentos de sucção

Tubos de succión, instrumentos de succión

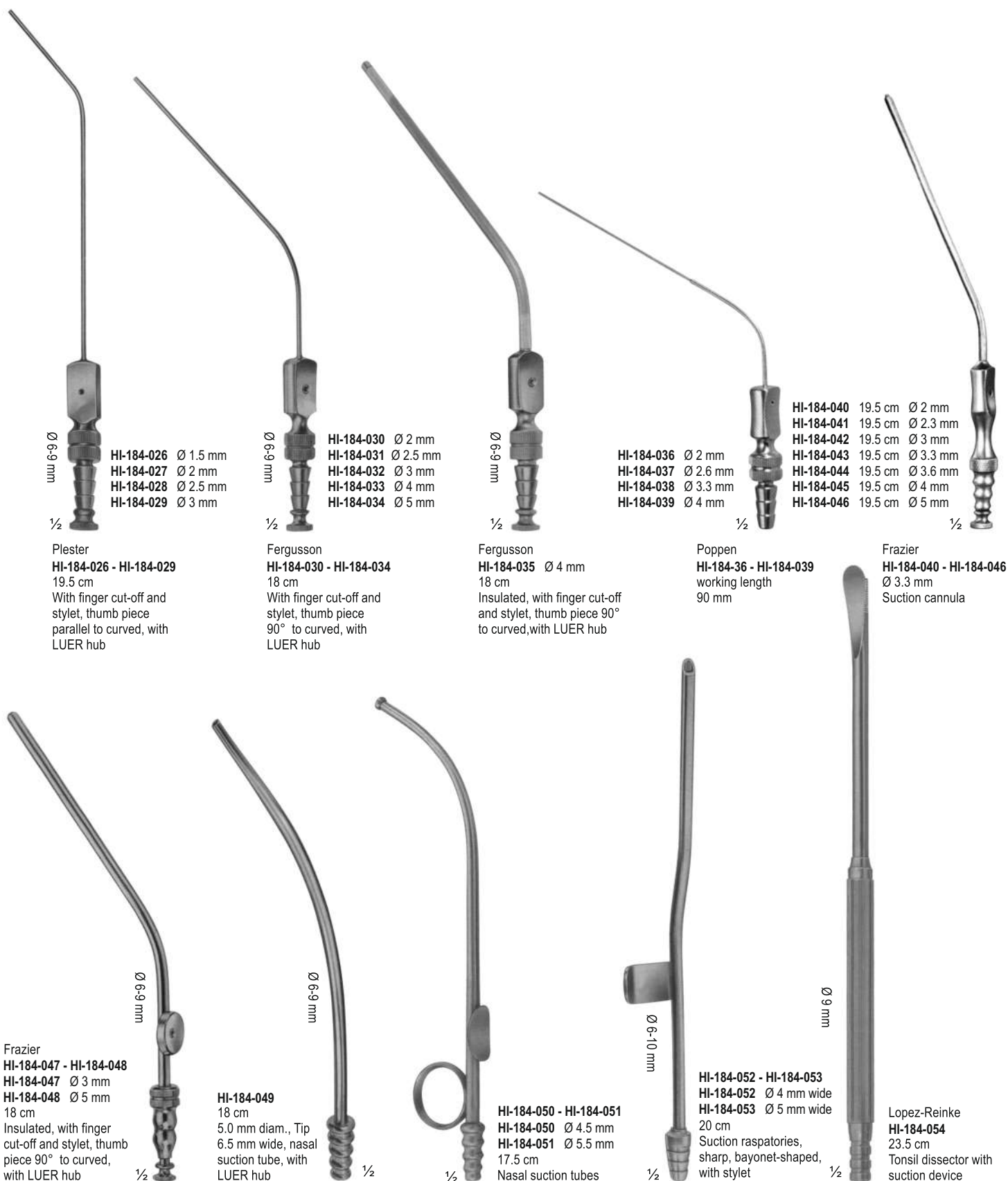


Suction tubes, Suction Instruments

Saugrohre, Sauginstrumente

Tubos de sucção, instrumentos de sucção

Tubos de succión, instrumentos de succión

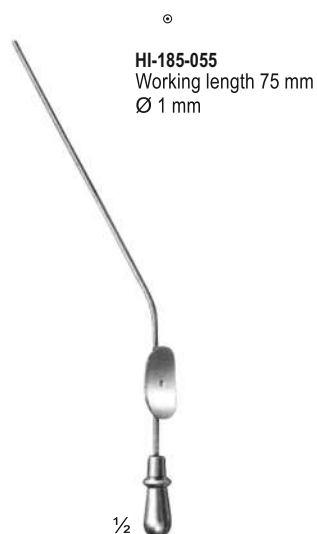


Suction Tubes

Saugrohre

Tubos de sucção

Tubos de succión



HI-185-055
Working length 75 mm
Ø 1 mm

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



HI-185-056
Working length 75 mm
Ø 1.5 mm



HI-185-057
Working length 75 mm
Ø 2 mm



Suction Tip
HI-185-058 Ø 0.5 mm
HI-185-059 Ø 0.7 mm
HI-185-060 Ø 0.9 mm
HI-185-061 Ø 1.2 mm

Zoellner
HI-185-056 - HI-185-061
Suction cannula



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



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



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



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

Suction Tube, Cannulas

Saugrohr, Kanülen

Tubo de Sucção, Cânulas

Tubo de succión, cánulas



Heparin

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

Flushing needle



Frazier

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

Suction tube



Frazier

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

Suction tube



Elsberg (Silver)

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

Ventricular cannula



Jefferson

- HI-187-187** 100 mm

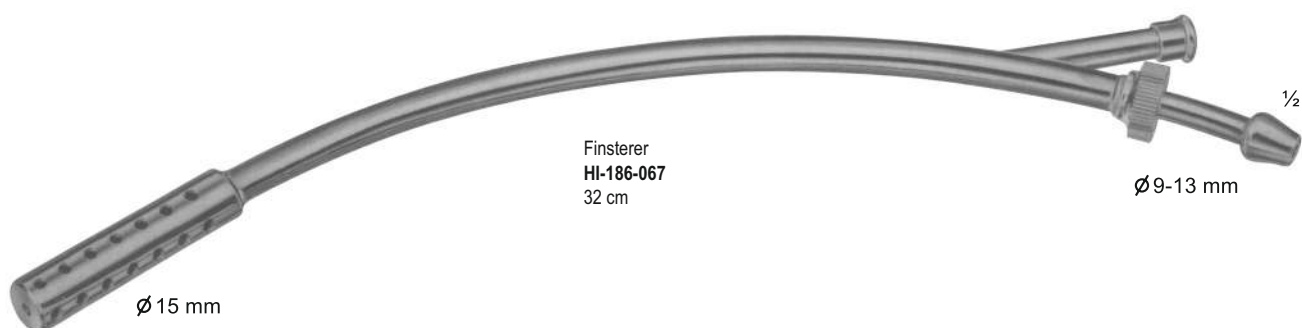
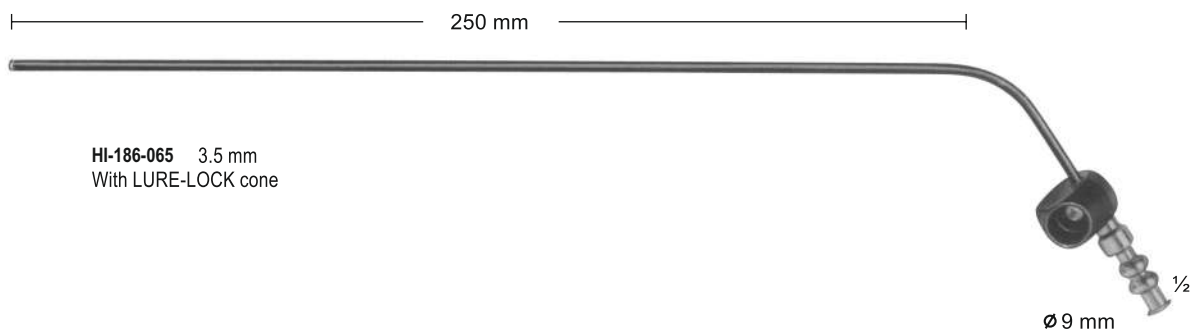
Ventricular cannula

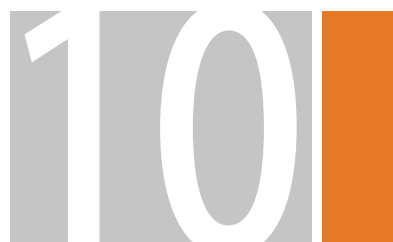
Combined Suction-Irrigation Cannula

Kombinierte Saug-Spülkanüle

Cânula Combinada de Sucção-Irrigação

Cánula combinada de irrigación por succión





Anaesthesia

Anästhesie

Anestesia

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.

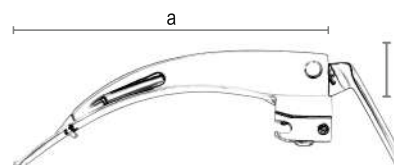
- ✦ Outstanding light intensity with LED illumination through extra strong fiber bundle.
- ✦ Swiveling blade tip facilitates difficult intubation.
- ✦ Reduced likelihood of damage to teeth and soft tissues.
- ✦ Reduce the force required to visualize the Larynx.
- ✦ 303/304 type high grade Stainless Steel 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	HI-188-001	93	19
2	HI-188-002	112	19
3	HI-188-003	132	22
4	HI-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.

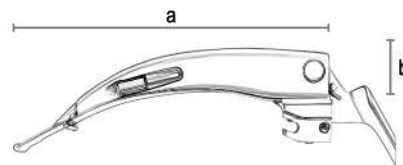
- Outstanding Light Intensity with LED Illumination.
- Swivelling blade tip facilitates difficult intubation.
- Reduced likelihood of damage to teeth and soft tissue.
- Rounded tip and smooth edges.
- 303/304 surgical stainless steel with satin finish.
- Fully autoclavable and easier to clean.
- Conventional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



Back view



Front view



Flexible Tip Conventional Laryngoscope Blade

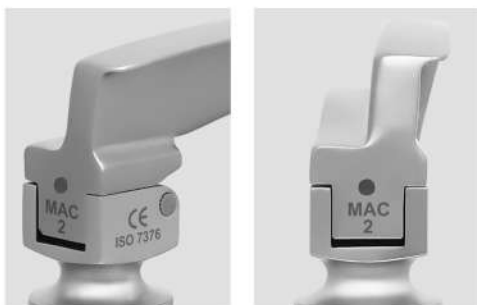
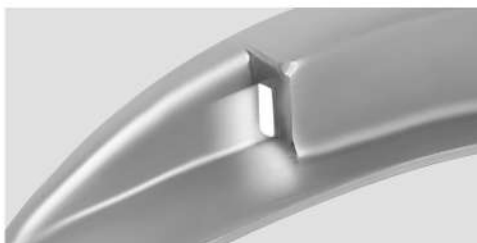
Size	Blade	Length	
		a (mm)	b (mm)
1	HI-189-005	93	19
2	HI-189-006	112	19
3	HI-189-007	132	22
4	HI-189-008	155	24

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



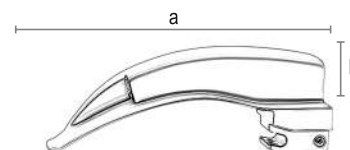
Fiber Optic (F.O.) Laryngoscope Blade MEGA LIGHT

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	HI-190-009	97	18
2	HI-190-010	114	18
3	HI-190-011	137	19
4	HI-190-012	157	22

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

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

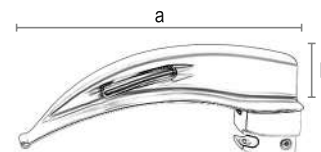
INTERCHANGEABLE
LIGHT CONDUCTOR

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	HI-191-016	102	18
2	HI-191-017	115	18
3	HI-191-018	137	21
4	HI-191-019	157	21

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

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

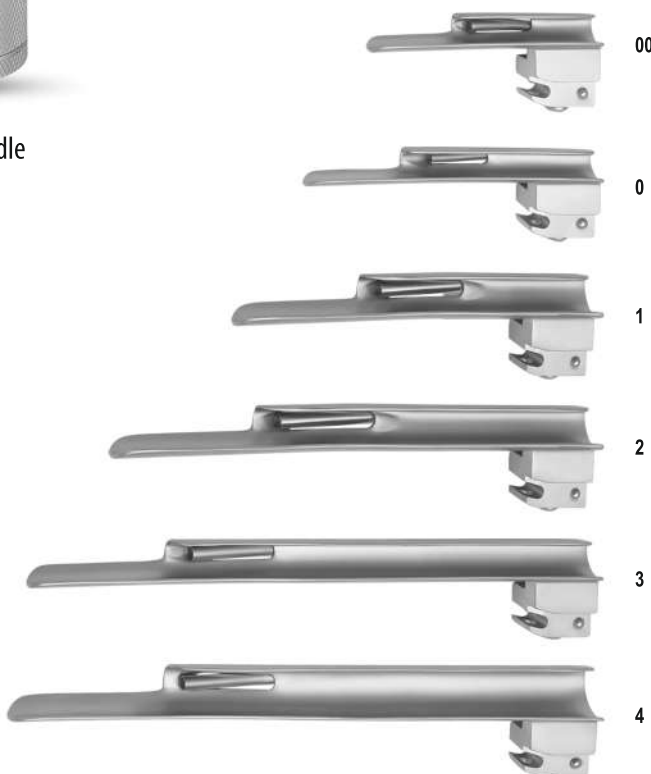


Miller Fiber Optic (F.O.) Laryngoscope

Miller Fiber Optic (F.O.) Laryngoskop
Laringoscópio de fibra óptica Miller (F.O.)
Laringoscópio Miller Fiber Optic (F.O.)



Fiber Optic Handle



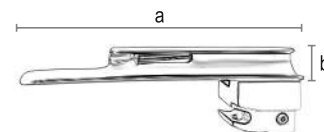
Fiber Optic (F.O.) Laryngoscope Blade INTERCHANGEABLE LIGHT CONDUCTOR

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	HI-192-023	70	12
0	HI-192-024	78	12
1	HI-192-025	105	12
2	HI-192-026	155	13
3	HI-192-027	195	13
4	HI-192-028	204	15

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

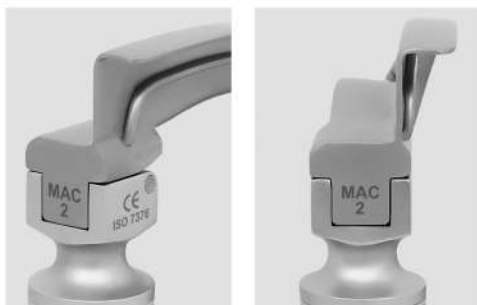
Reference no.	Description
HI-192-029	3 Blades + 1 Handle in Plastic Box.
HI-192-030	4 Blades + 1 Handle in Plastic Box.
HI-192-031	5 Blades + 1 Handle in Plastic Box.

Macintosh Conventional Laryngoscope

Macintosh Herkömmliches Laryngoskop
Laringoscópio Convencional Macintosh
Laringoscópio convencional Macintosh



Conventional Handle



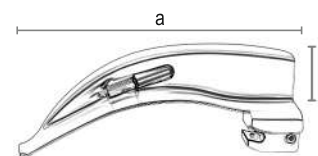
Conventional Laryngoscope Blade LED BULB

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	
		a (mm)	b (mm)
0	HI-193-032	82	17
1	HI-193-033	95	19
2	HI-193-034	114	19
3	HI-193-035	134	22
4	HI-193-036	157	24
5	HI-193-037	177	24

Macintosh Conventional Laryngoscope Sets.

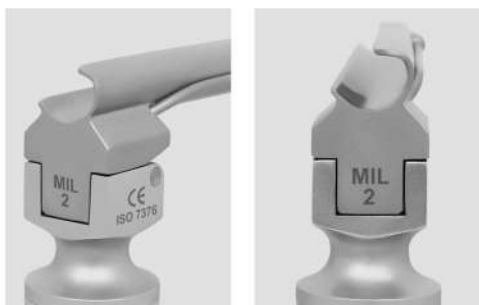
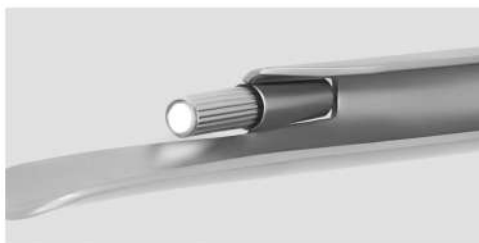
Reference no.	Description
HI-193-038	3 Blades + 1 Handle in Plastic Box.
HI-193-039	4 Blades + 1 Handle in Plastic Box.
HI-193-040	5 Blades + 1 Handle in Plastic Box.

Miller Conventional Laryngoscope

Miller Herkömmliches Laryngoskop
Laringoscópio Convencional de Miller
Laringoscópio convencional Miller



Conventional Handle



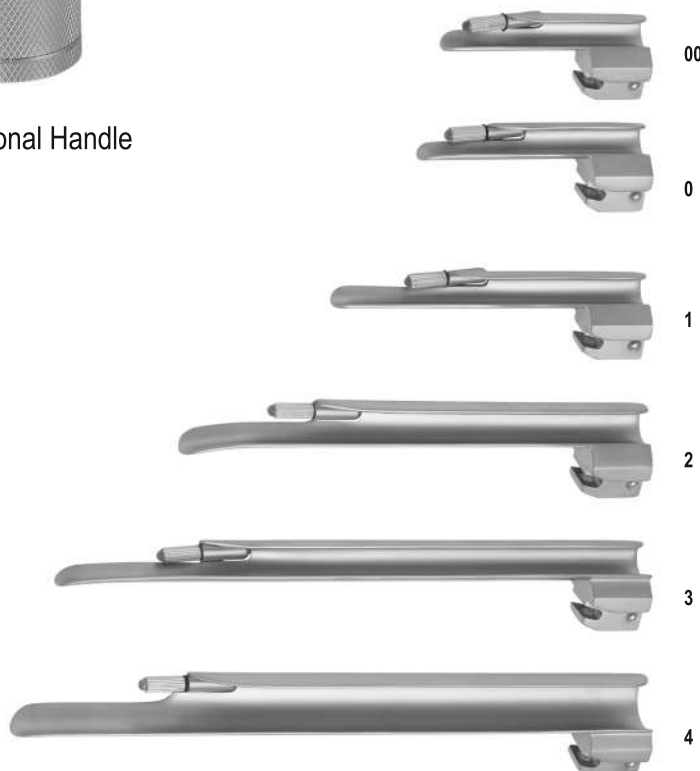
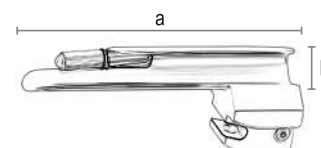
Conventional Laryngoscope Blade LED BULB

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	HI-194-041	70	12
0	HI-194-042	78	12
1	HI-194-043	105	12
2	HI-194-044	155	13
3	HI-194-045	195	13
4	HI-194-046	204	15

Miller Conventional Laryngoscope Sets.

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

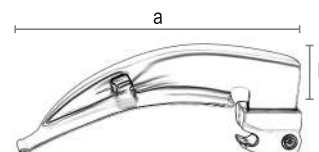
Disposable Macintosh Laryngoscope blade with 4 mm plastic end lit Fiber Optic, it is processed from plastic Fiber Optic. We coat a plastic PVC jacket to protect inner fiber, working well keep it longer life and get more brightness black jacketed from Illuminator.

- 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}
	Reference no.		
1	HI-195-050	102	18
2	HI-195-051	115	18
3	HI-195-052	137	21
4	HI-195-053	157	21

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

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

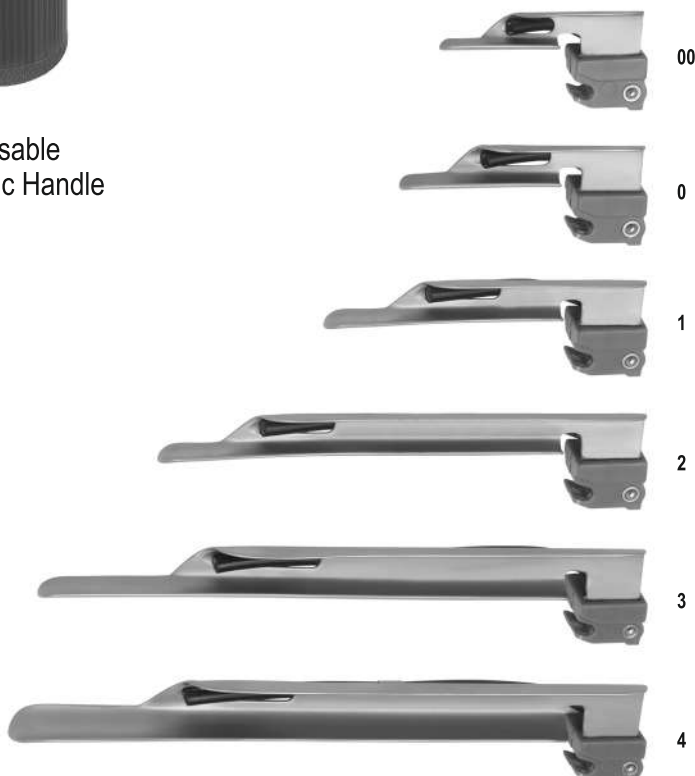


Miller Disposable Fiber Optic (F.O.) Laryngoscope

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

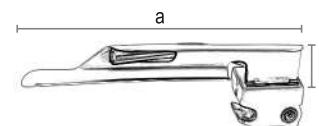
Disposable Miller Laryngoscope blade with 4 mm plastic end lit Fiber Optic, it is processed from plastic Fiber Optic. We coat a plastic PVC jacket to protect inner fiber, working well keep it longer life and get more brightness black jacketed from Illuminator.

- 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	HI-196-057	66	11
0	HI-196-058	76	11
1	HI-196-059	104	11
2	HI-196-060	155	14
3	HI-196-061	195	14
4	HI-196-062	205	14

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

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

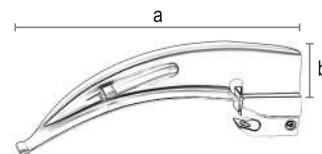
Silver Heel

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.

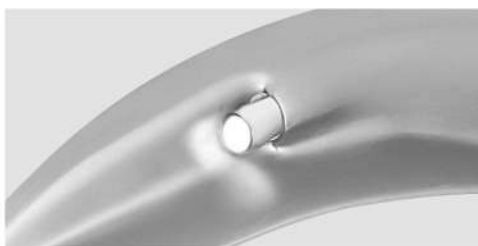
Size	Blade	Length	
		a {mm}	b {mm}
1	HI-197-066	102	18
2	HI-197-067	115	18
3	HI-197-068	137	21
4	HI-197-069	157	21

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

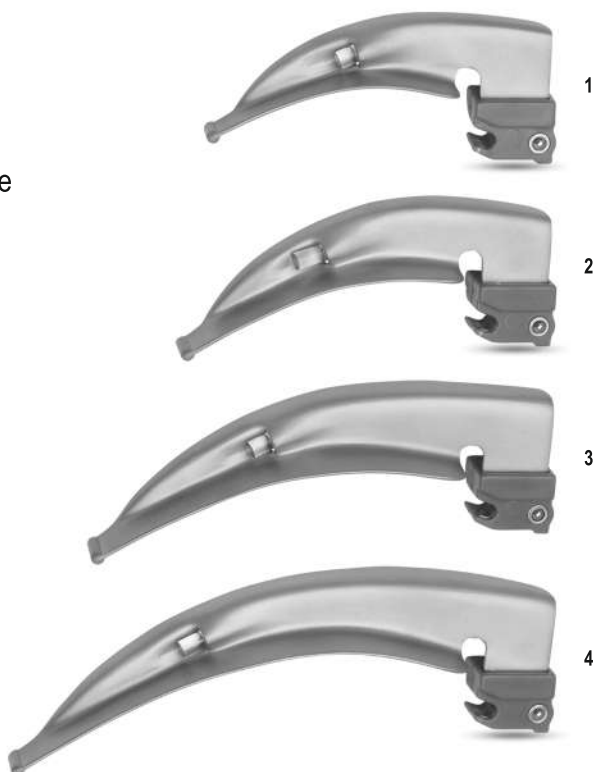
Reference no.	Description
HI-197-070	2 Blades + 1 Handle in Plastic Box.
HI-197-071	3 Blades + 1 Handle in Plastic Box.
HI-197-072	4 Blades + 1 Handle in Plastic Box.

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

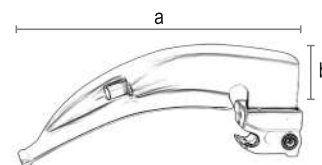
Plastic Heel

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	HI-198-073	102	18
2	HI-198-074	115	18
3	HI-198-075	137	21
4	HI-198-076	157	21

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

Reference no.	Description
HI-198-077	2 Blades + 1 Handle in Plastic Box.
HI-198-078	3 Blades + 1 Handle in Plastic Box.
HI-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
HI-199-080	Large	2 x " D "
HI-199-081	Medium/Standard	2 x " C "
HI-199-082	Small/Pen light	2 x " AA "
HI-199-083	Stubby	2 x " AA "
HI-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
HI-200-085	Large	2 x " D "
HI-200-086	Medium/Standard	2 x " C "
HI-200-087	Small/Pen light	2 x " AA "
HI-200-088	Stubby	2 x " AA "
HI-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
HI-201-090	Standard	3 X Lithium " 123 "
HI-201-091	Standard	3 X Lithium " 123 "
HI-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
HI-201-093	Standard	2 X Lithium " 123 "
HI-201-094	Standard	2 X Lithium " 123 "
HI-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



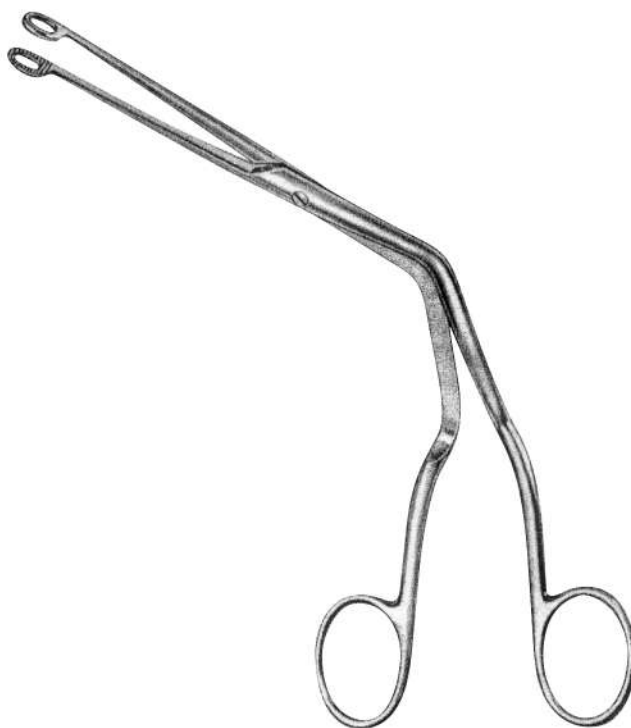
HI-202-096
15.5 cm
For babies



HI-202-097
15.5 cm
For children



HI-202-098
20 cm
For adults



Magil
HI-202-096 - HI-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

HI-203-001 - HI-203-004



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



7-0 - 12-0



1/2

Castroviejo
HI-203-005 - HI-203-008



15 cm	St	HI-203-005	HI-203-006	HI-203-007	HI-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



1/2

Castroviejo

HI-204-009 - HI-204-012



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



7-0 - 12-0



1/2

HI-204-013 - HI-204-028



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

Micro Needle Holders

Micro Nadelhalter
Suportes Micro Agulha
Micro Needle Holders

SUTURE

11



7-0 - 12-0



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



1/2

HI-205-029 - HI-205-056



1/2

Kalt
HI-205-057
13.5 cm



HI-205-058
10.5 cm



HI-205-059
10.5 cm



1/2

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



HI-205-060
13.5 cm



HI-205-061
13.5 cm



1/2

Arruga
HI-205-060 - HI-205-061



Barraquer-Troutman
HI-206-062 - HI-206-065



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



Barraquer
HI-206-066 - HI-206-070



HI-206-066	HI-206-067	HI-206-068	HI-206-069	HI-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

Micro Needle Holders

Micro Nadelhalter
Suportes Micro Agulha
Micro Needle Holders

SUTURE

11



Barraquer
HI-207-071
13.5 cm



Castroviejo-Fine
HI-207-072
13 cm



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



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



Castroviejo
HI-207-075 -HI-207-076
with lock



HI-207-075
14.5 cm



HI-207-076
14.5 cm



Castroviejo
HI-207-077 -HI-207-078



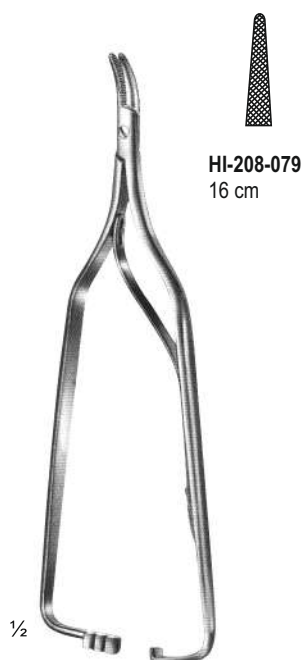
HI-207-077
14.5 cm



HI-207-078
14.5 cm

Micro Needle Holders, Needle Holders

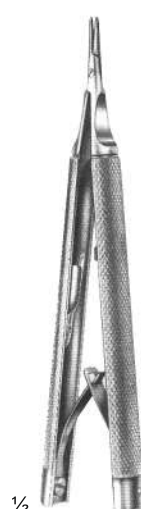
Micro Nadelhalter, Nadelhalter
Micro porta-agulhas, porta-agulhas
Micro Needle Holders, Needle Holders



HI-208-079
16 cm



HI-208-080
16 cm



HI-208-081



HI-208-082

Arruga
HI-208-079 - HI-208-080
Needle holder

Castroviejo
HI-208-081
12 cm
with lock

Castroviejo
HI-208-082
12 cm
with lock



HI-208-083
14.5 cm

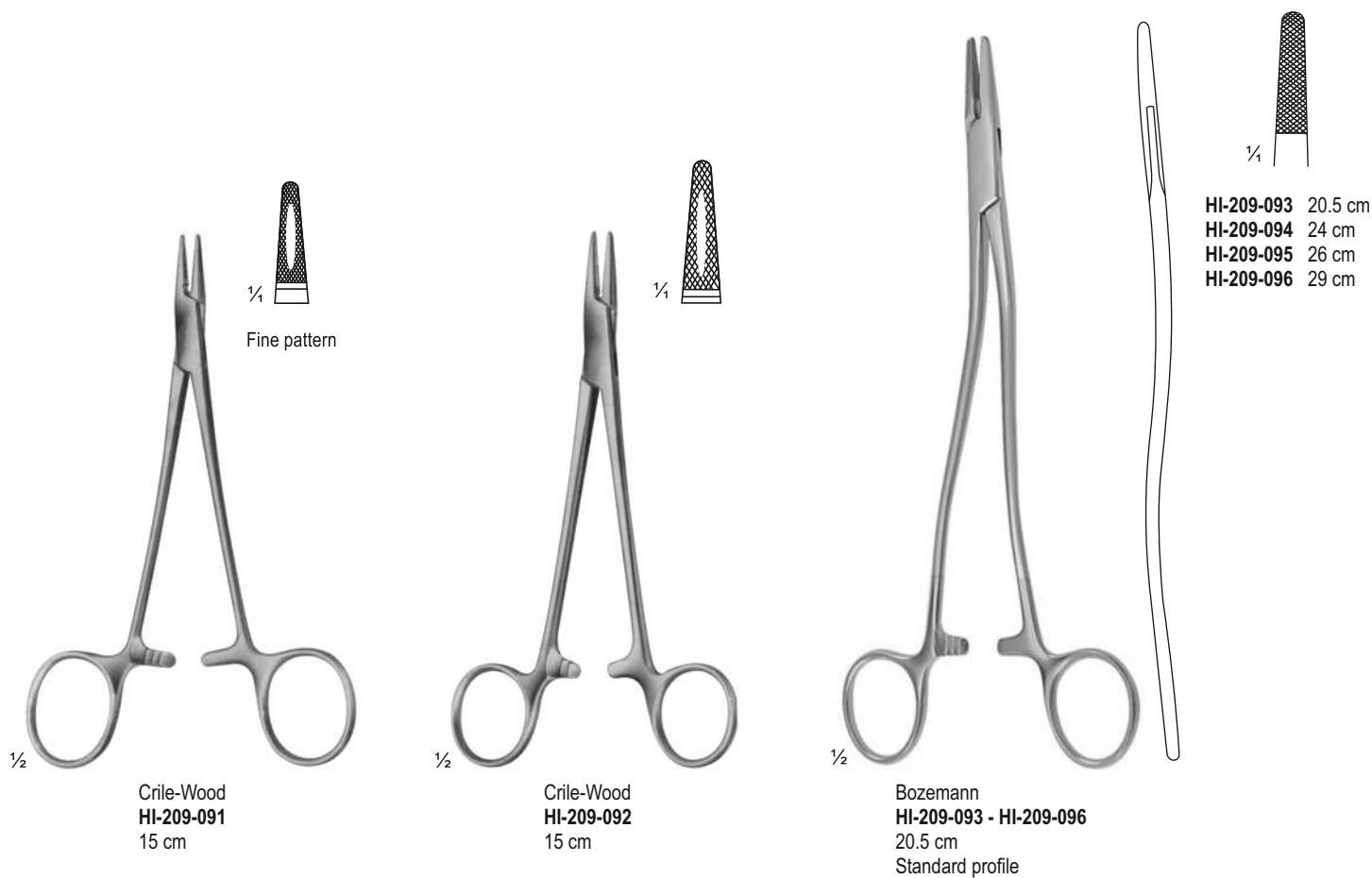
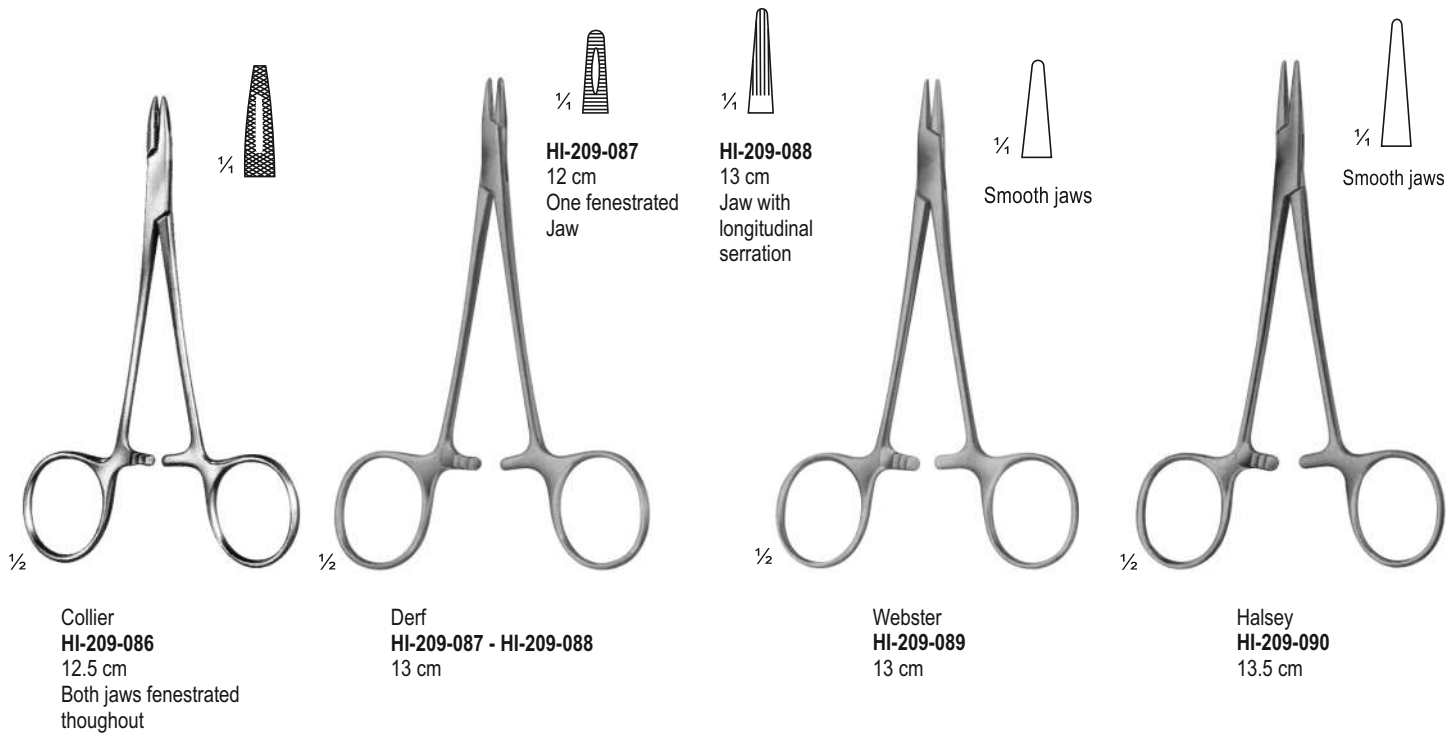


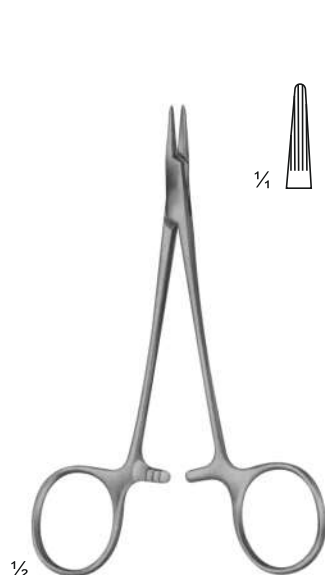
HI-208-084
14.5 cm



Castroviejo
HI-208-085
14.5 cm

Castroviejo
HI-208-083 - HI-208-084
with lock





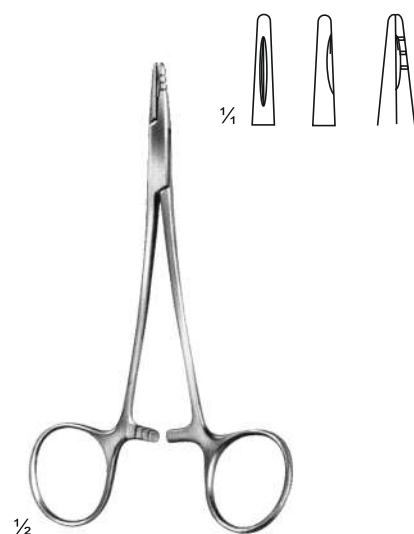
Converse
HI-210-097
12.5 cm



Hegar-Baumgartner
HI-210-098
14 cm



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



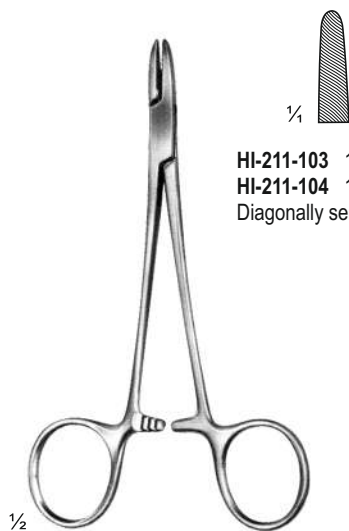
Neivert
HI-210-100
12.5 cm
Smooth jaw, special groove



Kilner
HI-210-101
13.5 cm

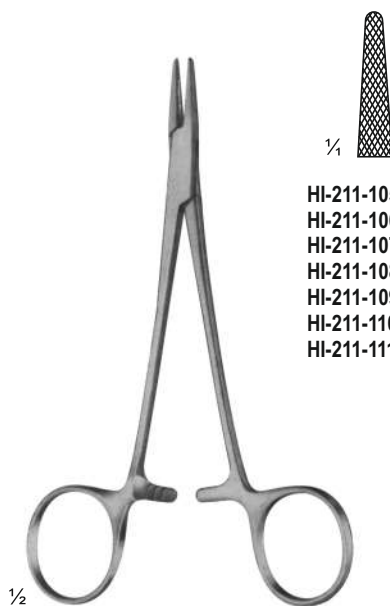


Adson
HI-210-102
18.5 cm
One fenestrated jaw



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

Brown
HI-211-103 - HI-211-104
Heavy Pattern



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

Mayo-Hegar
HI-211-105 - HI-211-111



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

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



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



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



Heaney
HI-211-117
20.5 cm



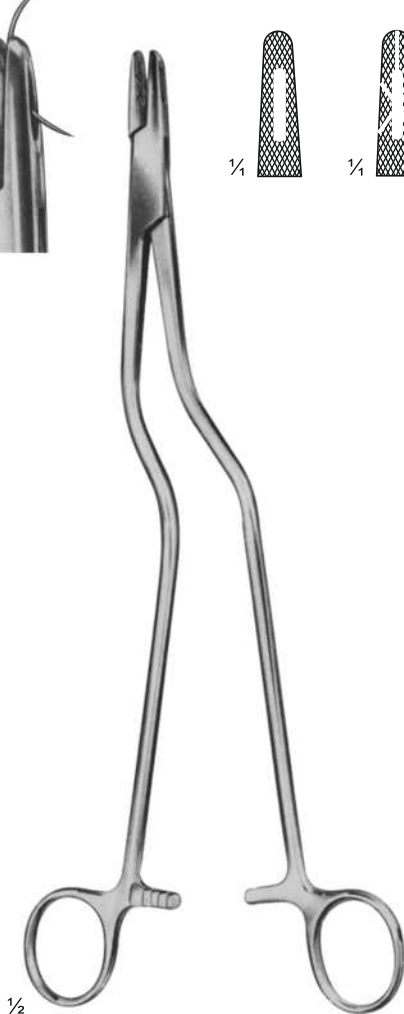
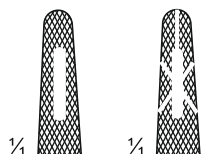
Jameson
HI-212-118
23 cm



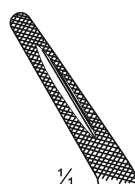
Wangensteen
HI-212-119
26.5 cm



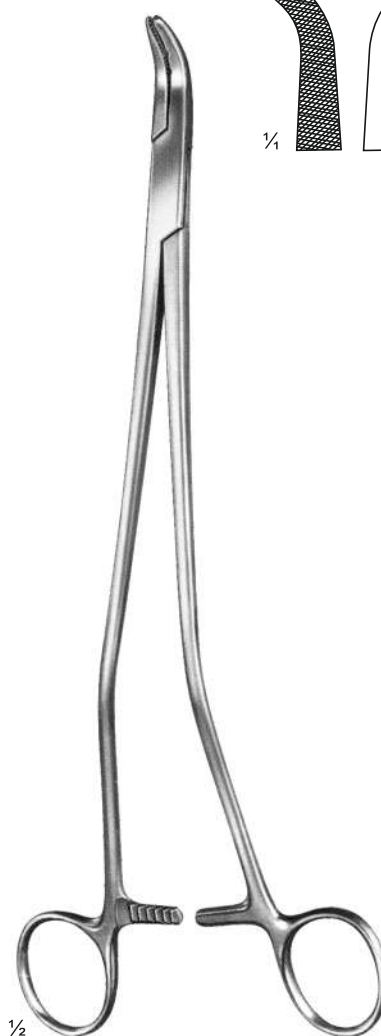
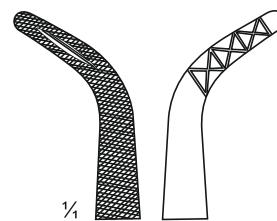
Masson
HI-212-120
26.5 cm
Heavy patterns



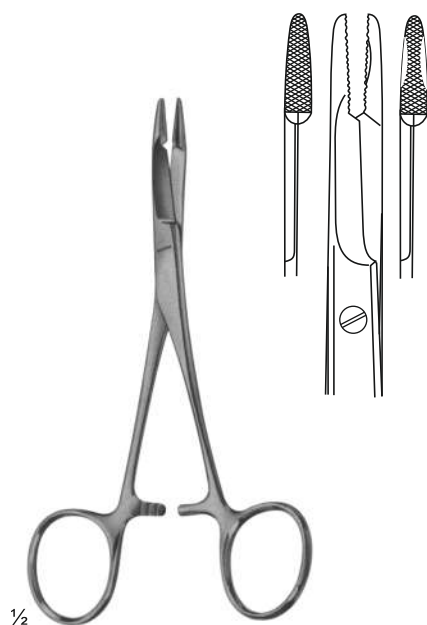
Masson-Luethy
HI-213-121
25.5 cm



Finochietto
HI-213-122
26.5 cm



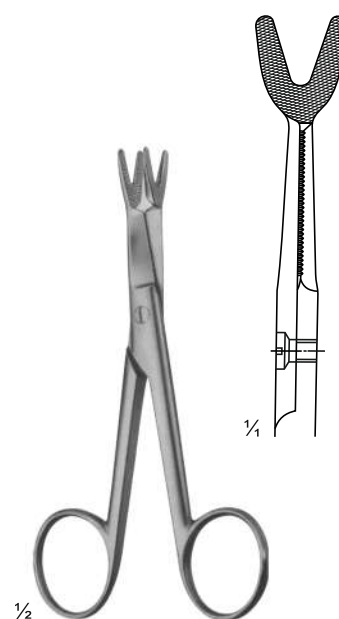
Johnson
HI-213-123
27 cm



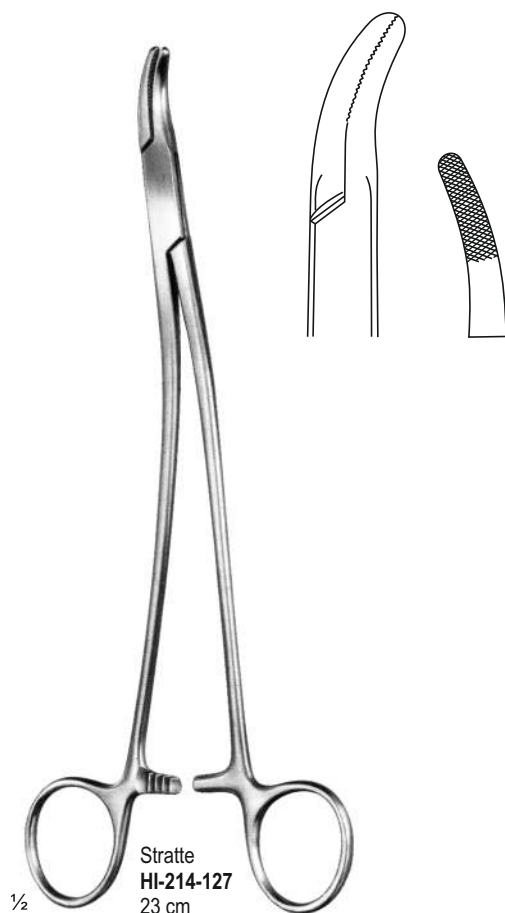
Olsen-Hegar
HI-214-124
14 cm



Gillies
HI-214-125
16 cm



Schoemaker-Loth
HI-214-126
12.5 cm



Stratte
HI-214-127
23 cm



Toennis
HI-214-128
18.5 cm



Crile
HI-214-129
15 cm



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

1/2

Mathieu
HI-215-130 - HI-215-132
17 cm



HI-215-133 14 cm
HI-215-134 17 cm

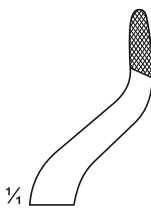
1/2

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



1/2

Boynton
HI-215-135
12.5 cm



1/2

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

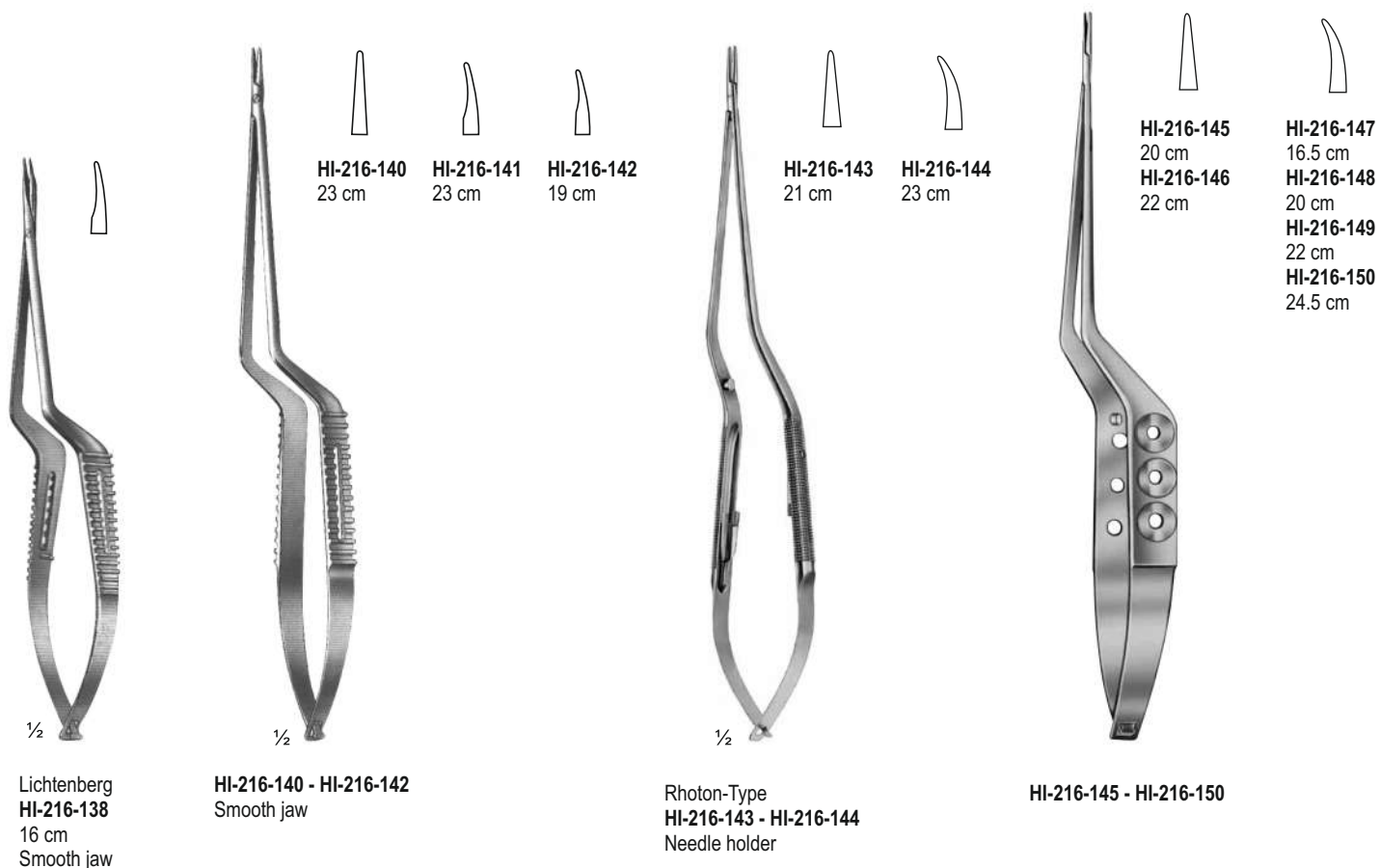


1/2

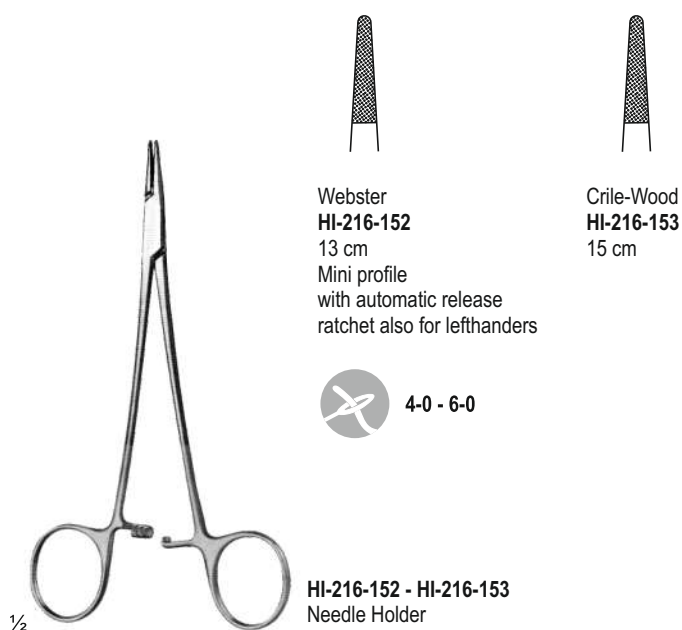
Lichtenberg
HI-215-137
20 cm

Micro Needle Holders, Needle Holders

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



TC GOLD



Micro Needle Holders

Micro Nadelhalter
Suportes Micro Agulha
Micro Needle Holders



HI-217-154
14.5 cm
Micro profile



HI-217-155
18 cm
Micro profile



HI-217-156
22 cm
Micro profile



HI-217-157
14.5 cm
Smooth jaw



1/2

Castroviejo
HI-217-154 - HI-217-161



HI-217-158
14.5 cm
Micro profile



HI-217-159
18 cm
Micro profile



HI-217-160
22 cm
Micro profile



HI-217-161
14.5 cm
Smooth jaw



HI-217-162
Mini profile



HI-217-163
Mini profile

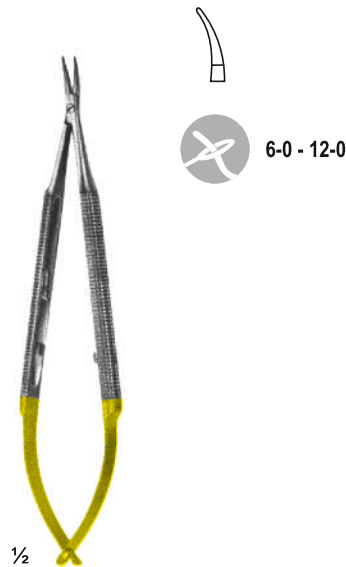


1/2

Arruga
HI-217-162 - HI-217-163
16 cm



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



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



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



Webster
HI-218-167
13 cm
Smooth jaw



Kilner
HI-218-168
14.5 cm
Mini profile



Derf
HI-218-169
12 cm
Mini profile

Micro Needle Holders T.C.

Mikro-Nadelhalter T.C.

Suportes de Micro Agulhas T.C.

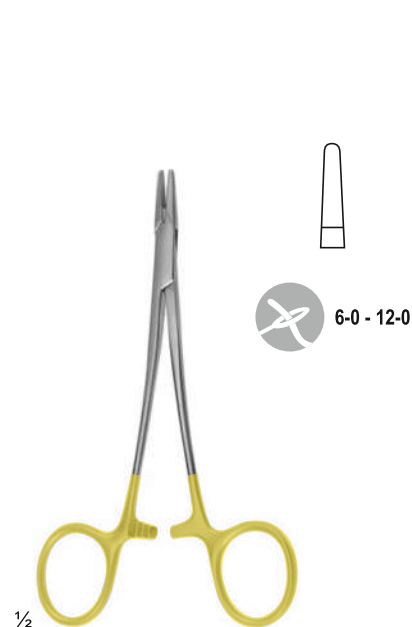
Micro Needle Holders T.C.



Kalt
HI-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



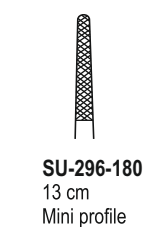
SU-296-178
14.5 cm



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



SU-296-179
13 cm
Smooth jaw



SU-296-180
13 cm
Mini profile



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



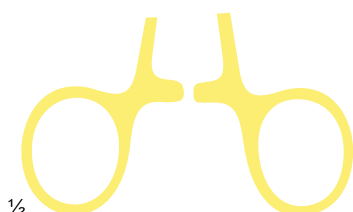
4-0 - 6-0



HI-220-186 15 cm
HI-220-187 20 cm

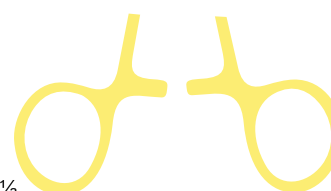


4-0 - 6-0



1/2

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



1/2

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



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



4-0 - 6-0



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



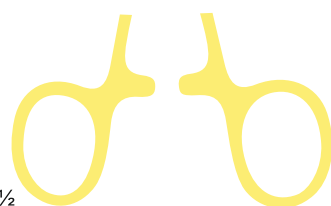
4-0 - 6-0



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

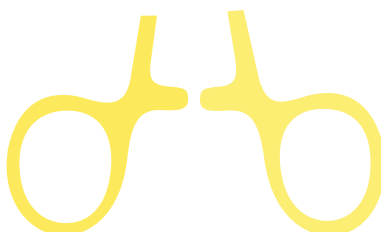


4-0 - 6-0



1/2

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



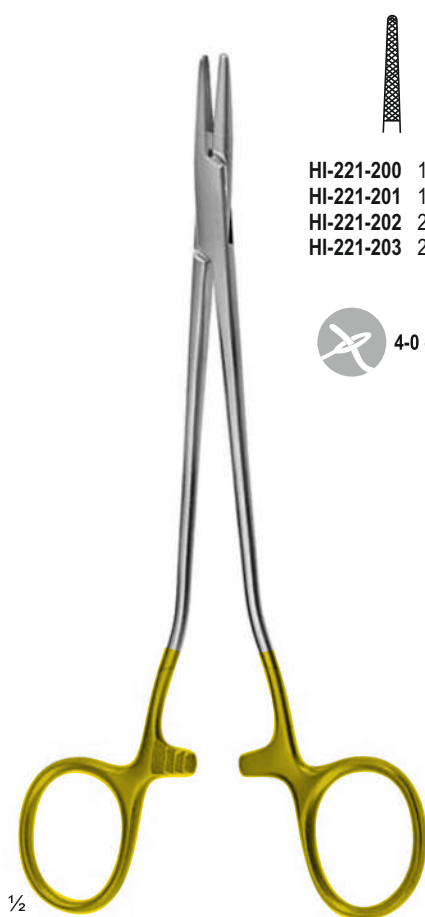
1/2

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



1/2

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



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



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



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



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



Masson
HI-221-207
26.5 cm
Standard profile



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



4-0 - 6-0



1/2

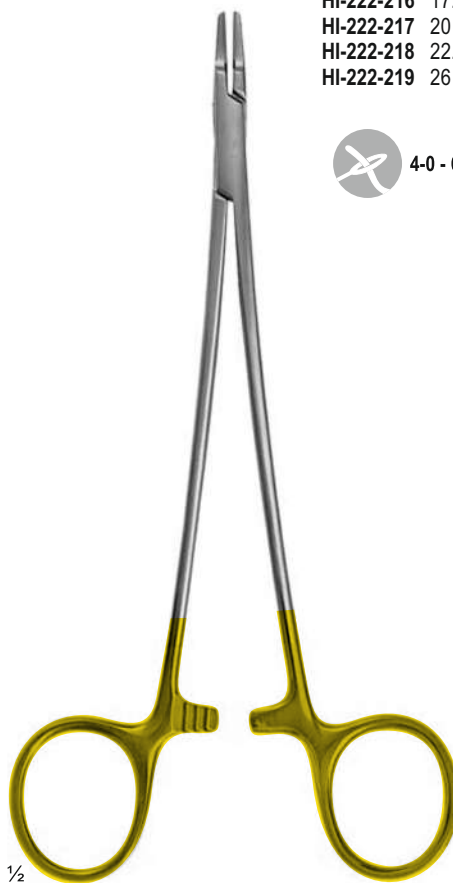
Ryder
HI-222-208 - HI-222-213
23 cm
Standard profile



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



4-0 - 6-0



1/2

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



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



4-0 - 6-0



1/2

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



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



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



Finochietto
HI-223-227
27 cm
Standard profile



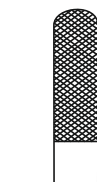
Wangensteen
HI-223-228
27 cm
Standard profile



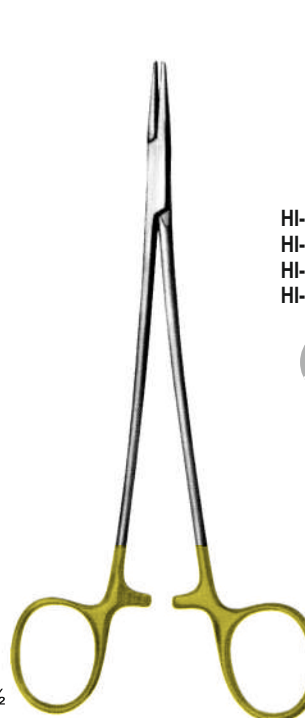
HI-224-229
For sternum Suture
15 cm



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



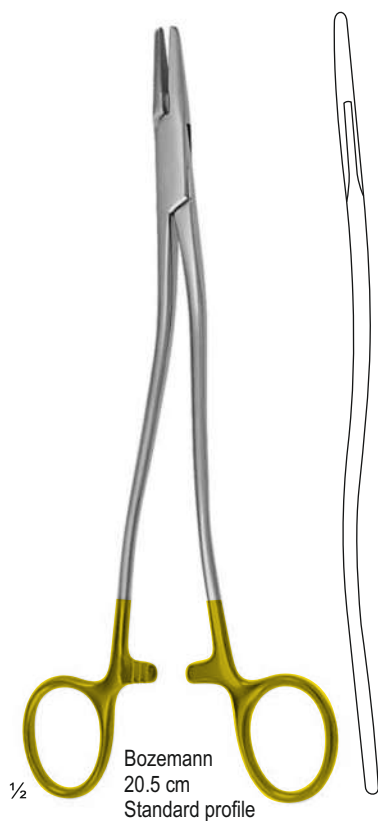
HI-224-230
Wire twister
20 cm



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



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



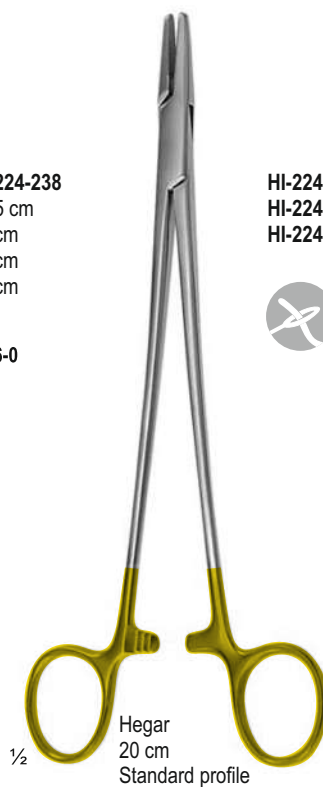
HI-224-235 - HI-224-238
HI-224-235 20.5 cm
HI-224-236 24 cm
HI-224-237 26 cm
HI-224-238 29 cm



Bozemann
20.5 cm
Standard profile



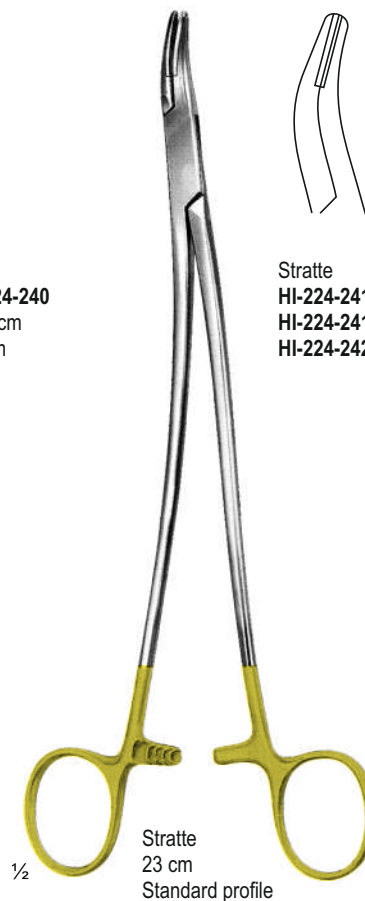
HI-224-239 - HI-224-240
HI-224-239 20.5 cm
HI-224-240 24 cm



Hegar
20 cm
Standard profile



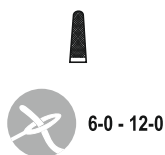
Stratte
HI-224-241 - HI-224-242
HI-224-241 22 cm
HI-224-242 23 cm



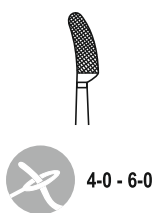
Stratte
23 cm
Standard profile



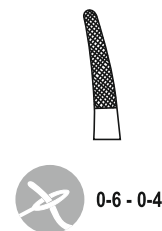
Foster-Gillies
HI-225-243
11 cm
Smooth jaw



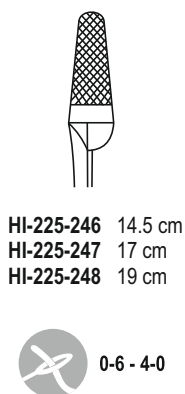
Gillies-Mini
HI-225-244
15 cm
Mini profile



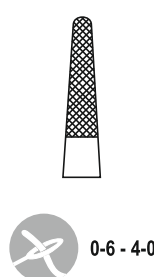
Gillies
HI-225-245
16 cm
Standard profile



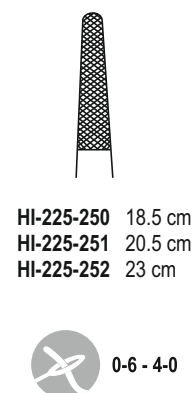
Olsen-Hegar
HI-225-248 - HI-225-248
17 cm
Standard profile



Toennis
HI-225-249
17 cm
Standard profile



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



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



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



0-6 - 4-0

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



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



0-6 - 4-0

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



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



0-6 - 4-0

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



0-6 - 4-0

Lichtenberg
HI-226-262
20 cm
Standard profile



HI-226-263 20.5 cm
HI-226-264 23 cm



0-6 - 4-0

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



Dressing

Dressing

Vestir

Vendaje

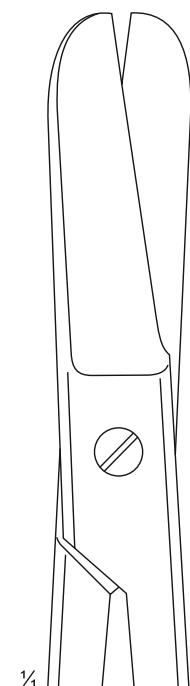
Page 228-234

Bandage Scissors, Plaster Shears

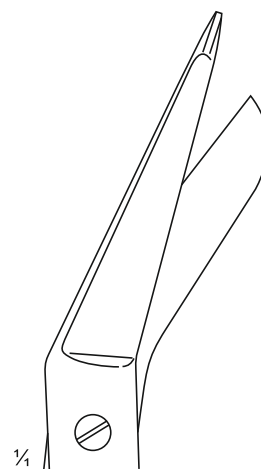
Verbandschere, Gipsschere]

Tesoura de bandagem, tesoura de gesso

Vendaje, tijeras, yeso, tijeras

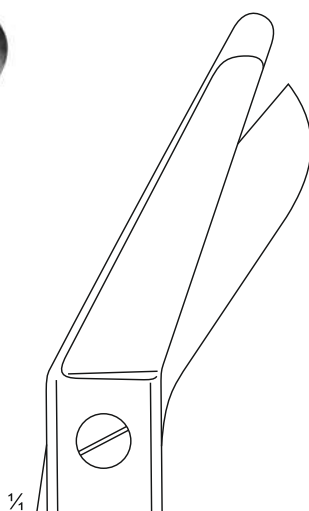
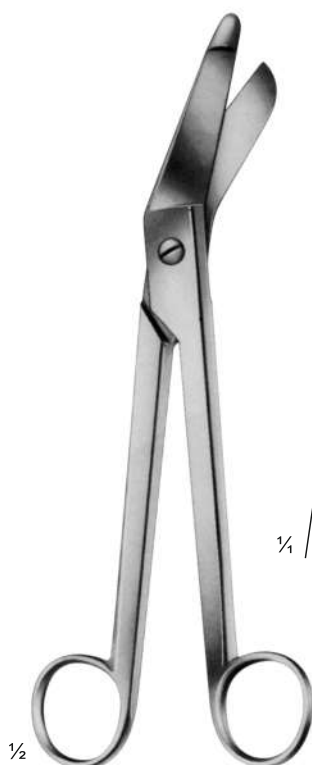


Lorenz
HI-228-001
24 cm
Bandage scissors
heavy pattern

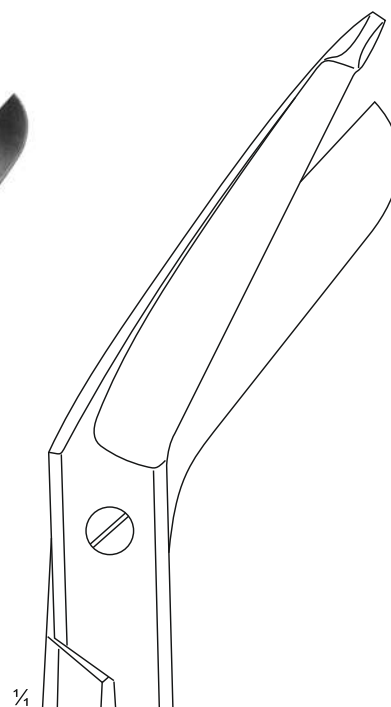


HI-228-002 14.5 cm
HI-228-003 18.5 cm
HI-228-004 20 cm

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



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



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

Bandage Scissors, Plaster Shears

Verbandschere, Gipsschere]

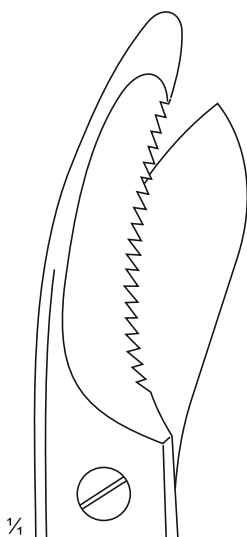
Tesoura de bandagem, tesoura de gesso

Vendaje, tijeras, yeso, tijeras



1/2

Bruns
HI-229-007 - HI-229-008
Plaster scissors



1/4

HI-229-007
24 cm
One toothed cutting edge



HI-229-008
24 cm



1/2

Seutin
HI-229-009
23 cm
Plaster shear



1/2

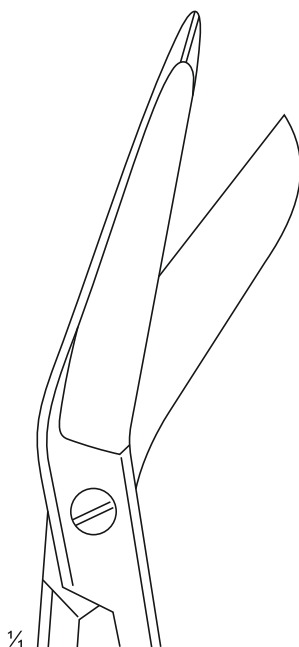
Universal
HI-229-010 - HI-229-011
15.5 cm
Bandage scissors
Black plastic rings, autoclavable

HI-229-010 15.5 cm
HI-229-011 19 cm

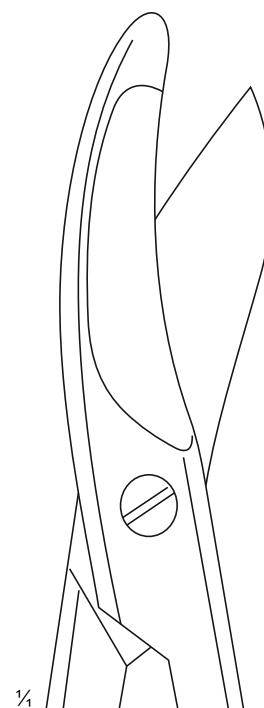
TC GOLG

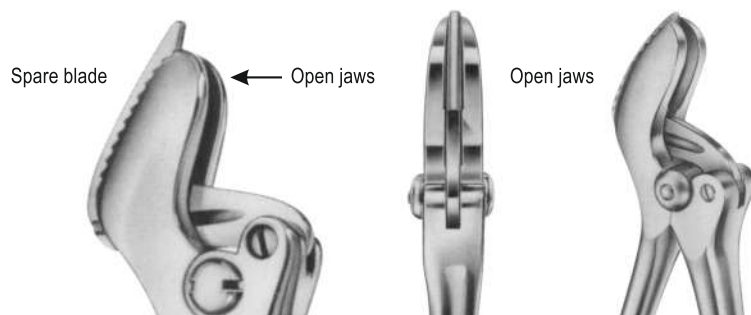


Lister
HI-230-012
 18 cm
 Bandage scissors



Bruns
HI-230-013
 23.5 cm
 Plaster scissors





Stille
HI-231-014
36 cm



Stille
HI-231-015
26 cm



Stille
HI-232-016
23 cm

HI-232-017
Spare blade



Stille
HI-232-020
37 cm

HI-232-021
Spare blade



Stille
HI-232-018
24 cm

HI-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
HI-233-022
18 cm

 $\frac{1}{2}$

Reiner
HI-233-023
18 cm

 $\frac{1}{2}$

Hopkins
HI-233-024
20 cm
with wooden handle

 $\frac{1}{2}$

Engel
HI-233-025
16 cm

Plaster Spreader, Plaster Breakers

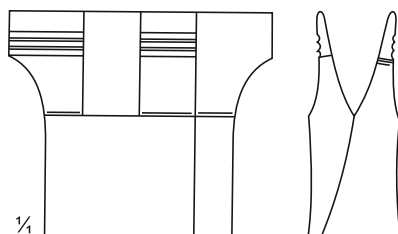
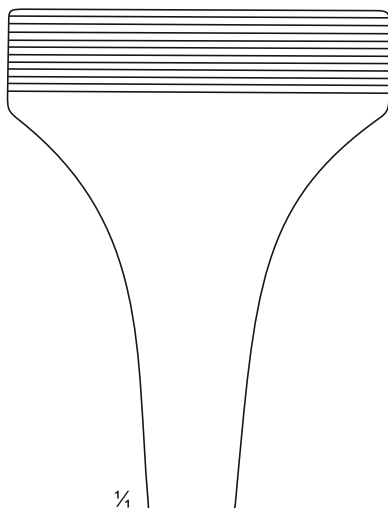
Gipsspreizer, Pflasterbrecher

Espalhador de gesso, disjuntores de gesso

Esparcidor de yeso, rompedores de yeso

DRESSING

12



Hennig
HI-234-026
28 cm
Plaster spreader



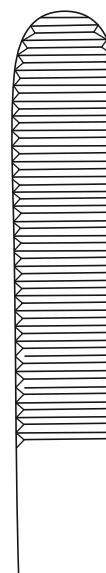
Quattro
HI-234-027
23 cm
Plaster spreader



Wolff
HI-234-028 - HI-234-029
17.5 cm
Plaster Breaker



HI-234-028
17.5 cm



HI-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



HI-235-001
23 cm
Bone Shears



HI-235-002
23 cm



Gluck
HI-235-003
21 cm
Drawing cut



Collin
HI-236-004
19.5 cm



Gluck
HI-236-005
19 cm



Schumacher
HI-236-006
21 cm
Sternum shears

Rib Shears
Rippenscheren
Tesoura De Costela
Tijeras de costillas



Sauerbruch
HI-237-007
26 cm



Giertz-Stille
HI-237-008
24.5 cm



Bethune
HI-237-009
34.5 cm



1/2

Killian
HI-238-010
20 cm



1/2

Lebsche
HI-238-011
24.5 cm
Sternum chisel



1/2

Brunner
HI-238-012
32 cm

For right hand

For left hand

Rib Retractors
Rippen-Reraktoren
Retradores de Costela
Retradores de costillas

SS AI



HI-239-013 - HI-239-018

HI-239-013 Stainless steel

HI-239-014 Aluminium

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



HI-239-015 Stainless steel

HI-239-016 Aluminium

Blades, only
9 x 20 mm



HI-239-017 Stainless steel

HI-239-018 Aluminium

Blades, only
9 x 10 mm

SS AI



Cooley

HI-239-019 - HI-239-020

HI-239-019 Stainless steel

HI-239-020 Aluminium

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

SS AI



Cooley

HI-239-021 - HI-239-022

HI-239-021 Stainless steel

HI-239-022 Aluminium

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

SS AI



Cooley

HI-239-023 - HI-239-024

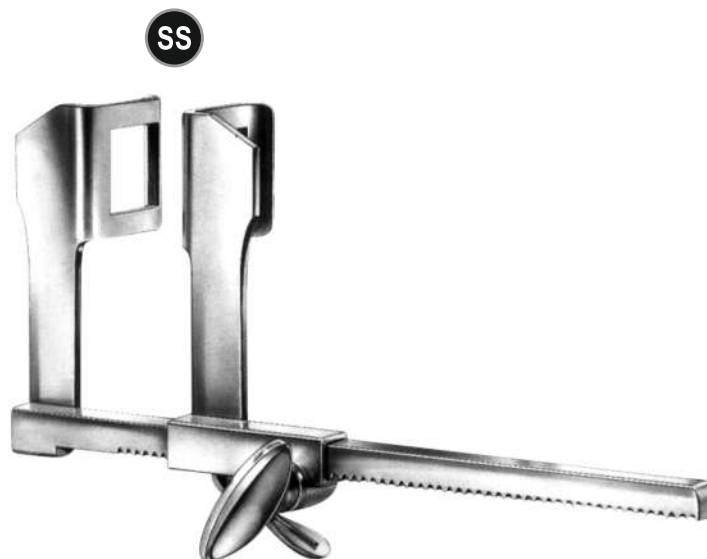
HI-239-023 Stainless steel

HI-239-024 Aluminium

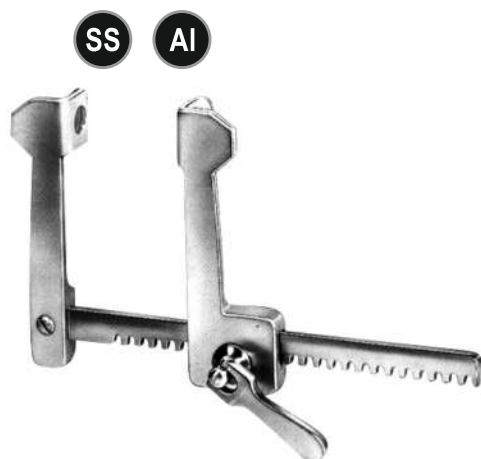
For children, lateral blades 21 x 44 mm,
spreading 150 mm



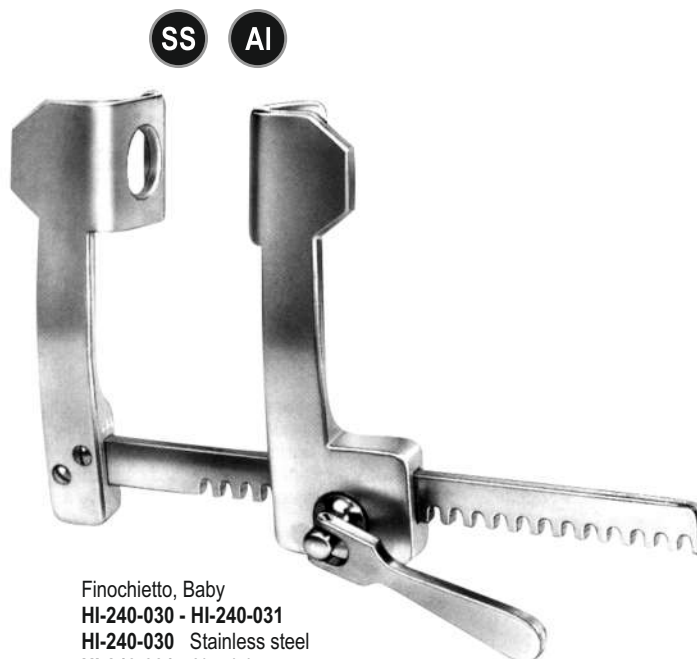
Cooley
HI-240-025 - HI-240-026
HI-240-025 Stainless steel
HI-240-026 Aluminium
For adults, lateral blades 35 x 50 mm,
spreading 200 mm



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



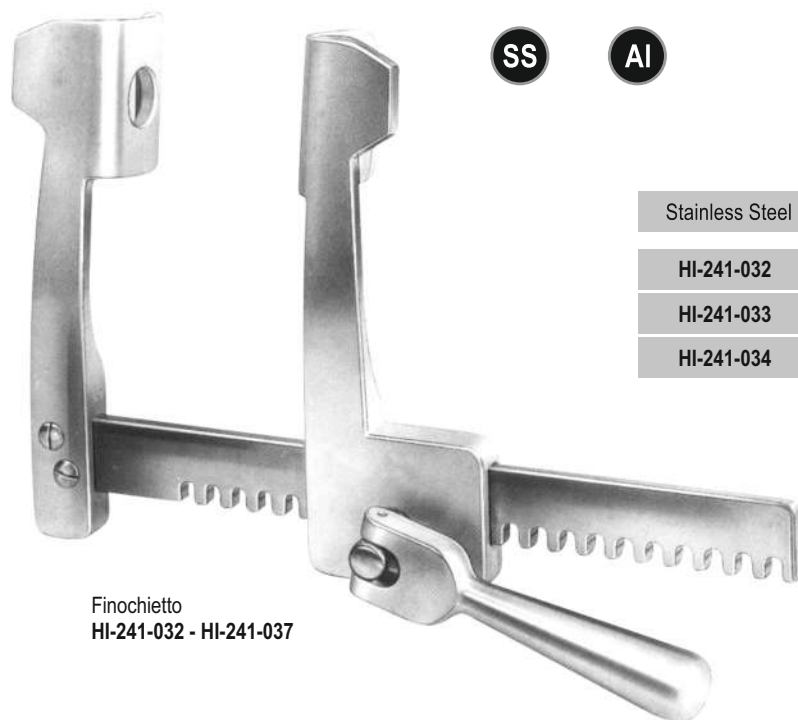
Finochietto, Infant
HI-240-028 - HI-240-029
HI-240-028 Stainless steel
HI-240-029 Aluminium
For babies, lateral blades 15 x 15 mm,
spreading 75 mm



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

Rib Retractors

Rippen-Reraktoren
Retradores de Costela
Retradores de costillas

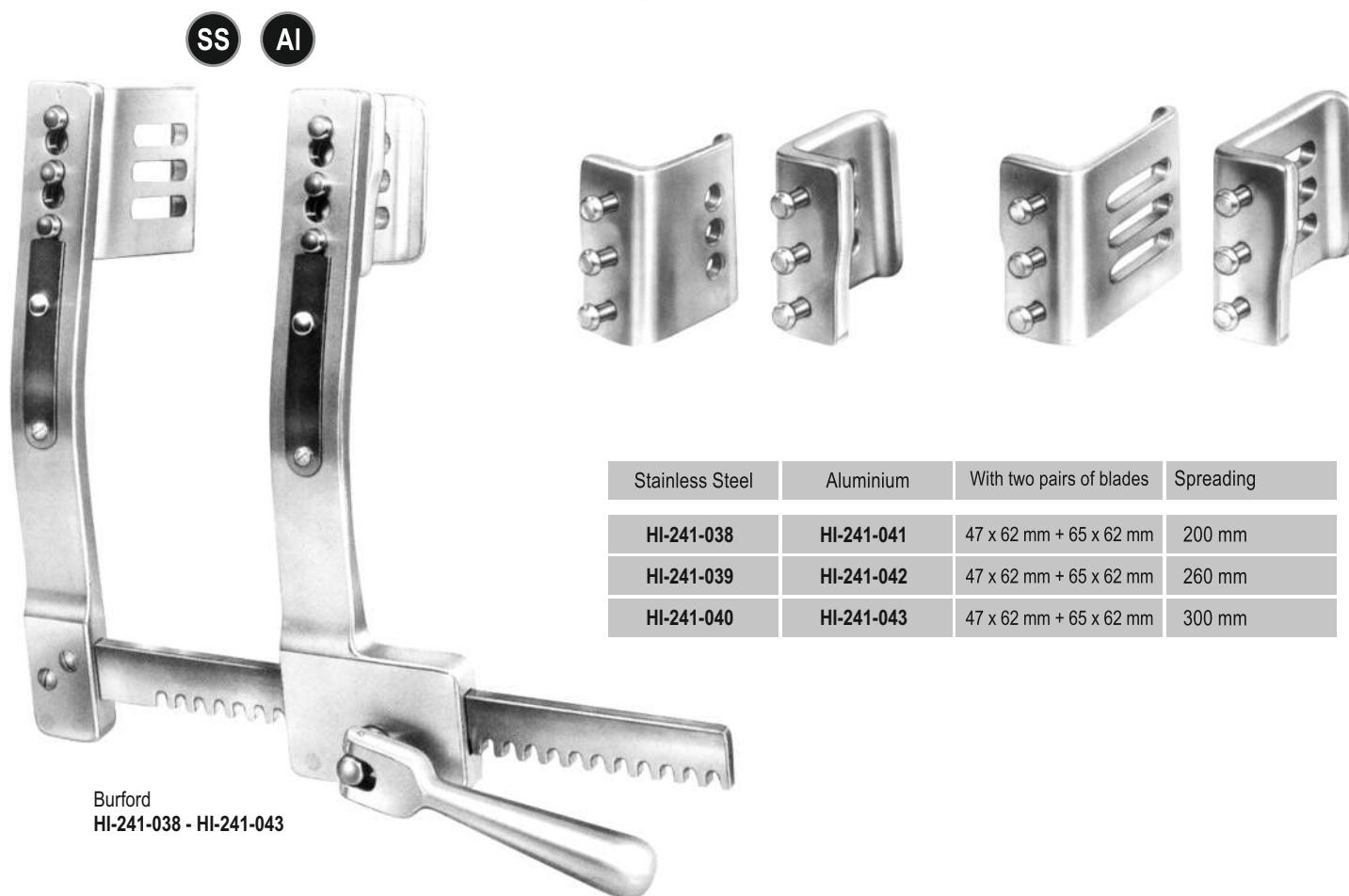


Finochietto
HI-241-032 - HI-241-037

SS

Al

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

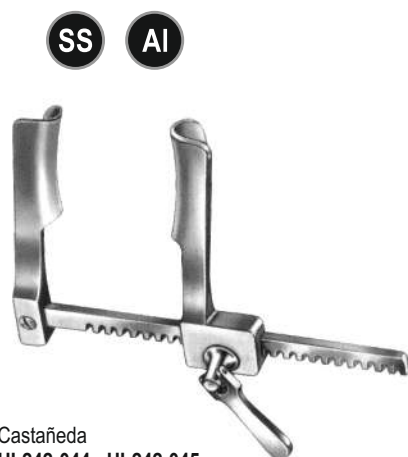


Burford
HI-241-038 - HI-241-043

SS

Al

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



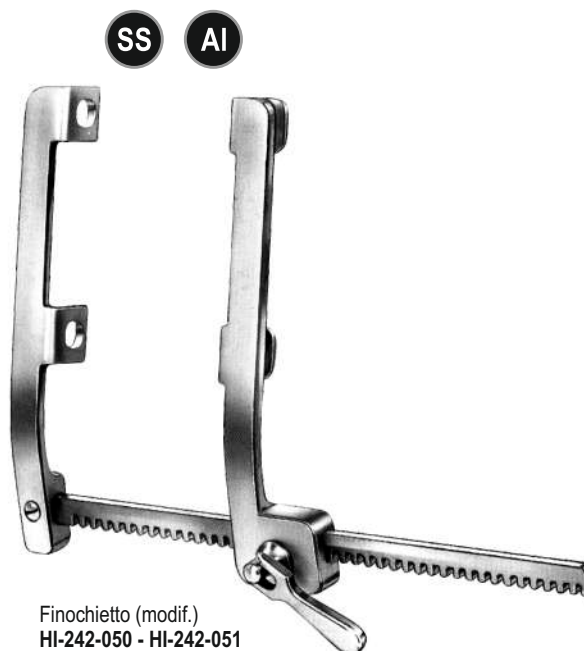
Castañeda
HI-242-044 - HI-242-045
HI-242-044 Stainless steel
HI-242-045 Aluminium
For babies, lateral blades 10.5 x 32 mm
spreading 65 mm



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

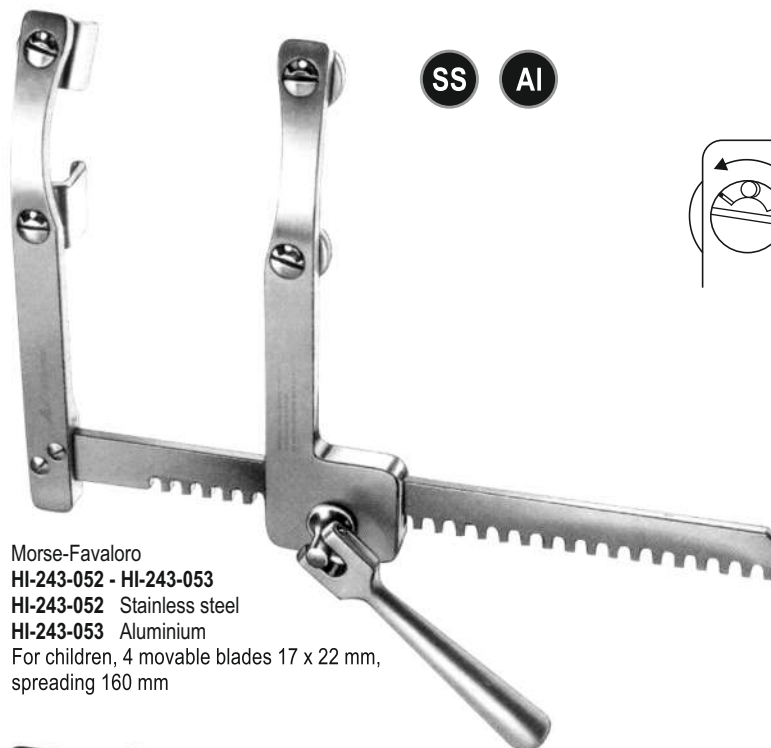


Castañeda
HI-242-048 - HI-242-049
HI-242-048 Stainless steel
HI-242-049 Aluminium
For infants, lateral blades 15 x 60 mm
spreading 120 mm

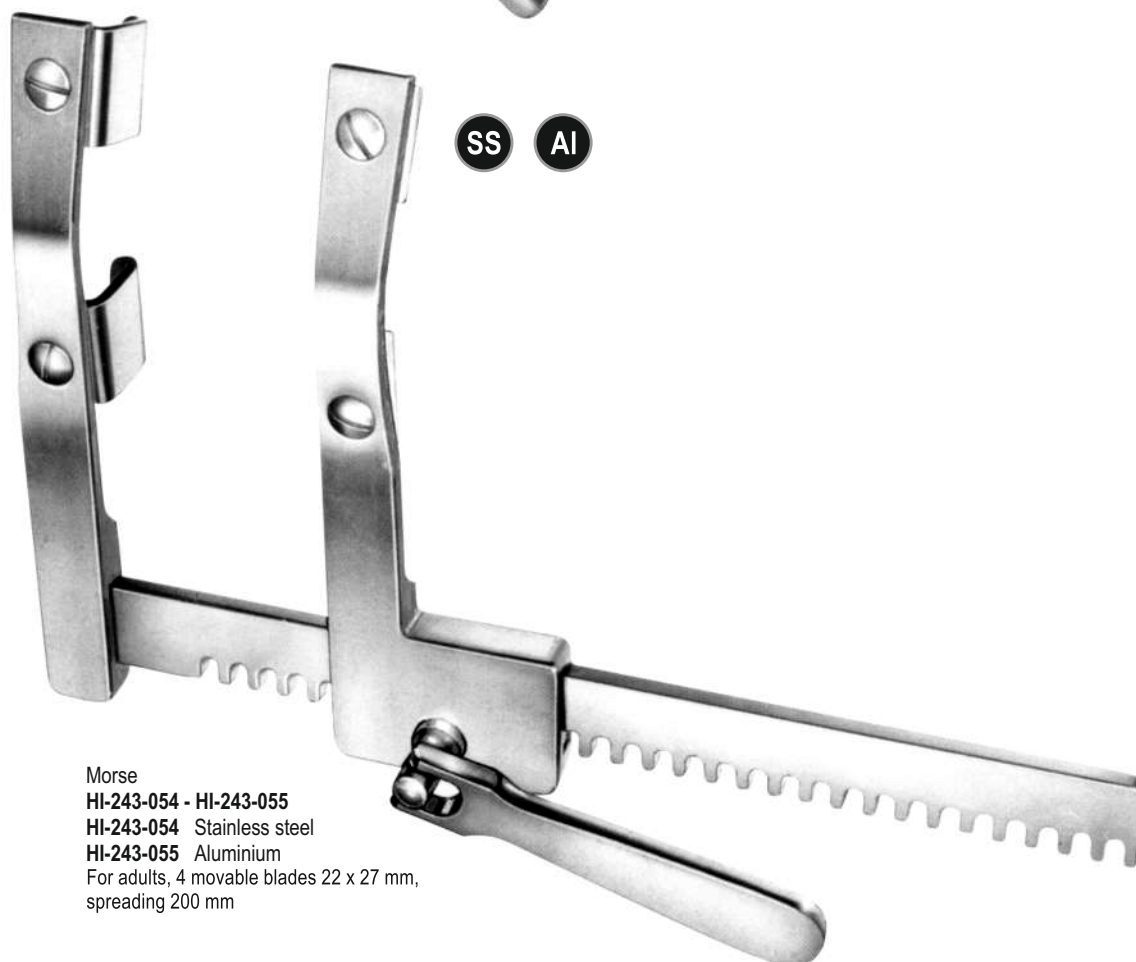
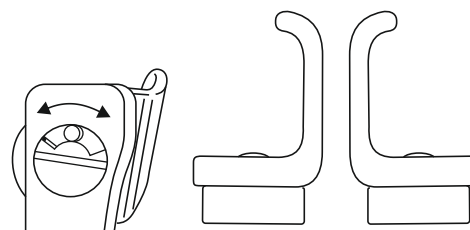


Finochietto (modif.)
HI-242-050 - HI-242-051
HI-242-050 Stainless steel
HI-242-051 Aluminium
Lateral blades 14 x 15 mm
spreading 120 mm

Rib Retractors
Rippen-Reraktoren
Retradores de Costela
Retradores de costillas



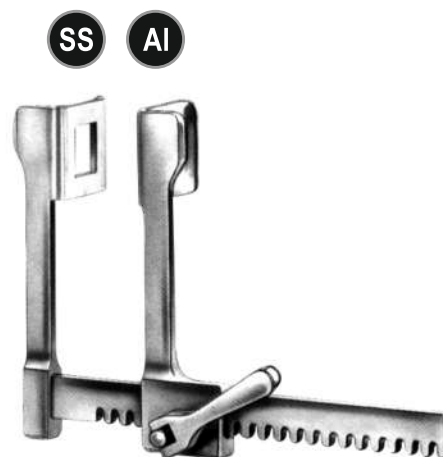
Morse-Favaloro
HI-243-052 - HI-243-053
HI-243-052 Stainless steel
HI-243-053 Aluminium
For children, 4 movable blades 17 x 22 mm,
spreading 160 mm



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



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



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



Finochietto
HI-244-059 - HI-244-064

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

Rib Retractors
Rippen-Reraktoren
Retradores de Costela
Retradores de costillas

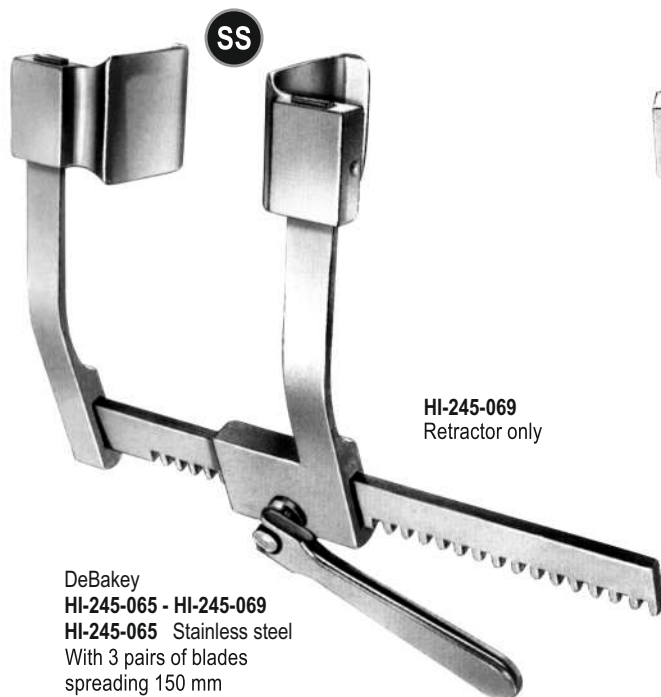


Fig. 1
Lateral blades
HI-245-066
30 x 30 mm



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



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

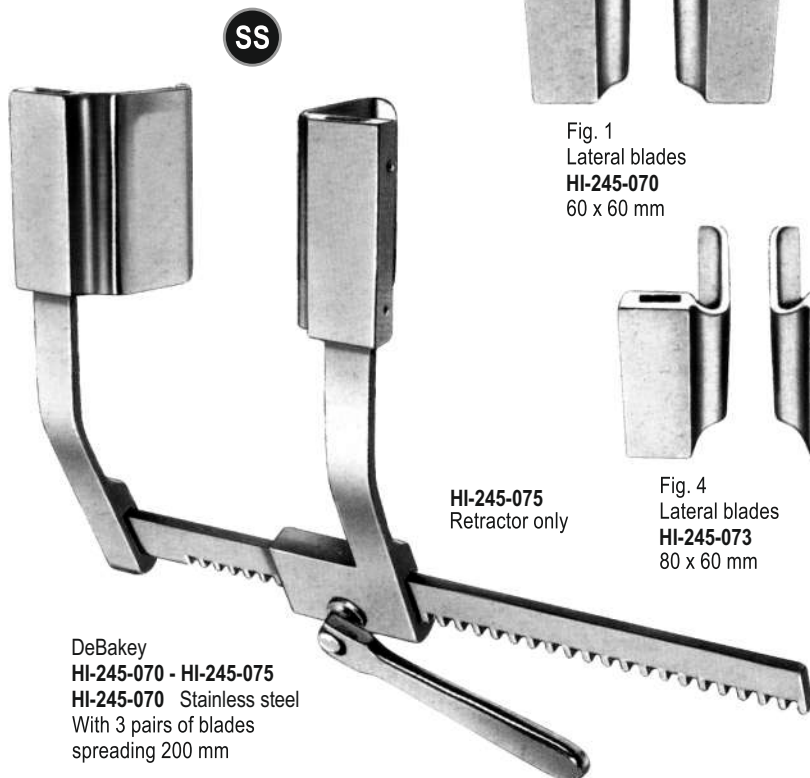


Fig. 1
Lateral blades
HI-245-070
60 x 60 mm



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



Fig. 3
Lateral blades
HI-245-072
40 x 100 mm

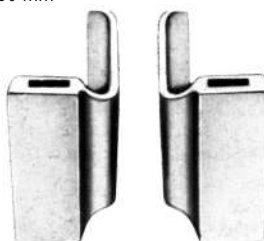


Fig. 4
Lateral blades
HI-245-073
80 x 60 mm



Fig. 5
Lateral blades
HI-245-074
50 x 66 mm



Mercedes Retractor
HI-246-076 - HI-246-078
With 1 pair of blades each

HI-246-078
Retractor only

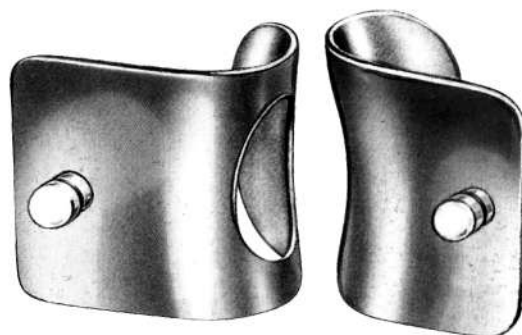


Fig. 1
Lateral blades pair
HI-246-076
48 x 68 mm

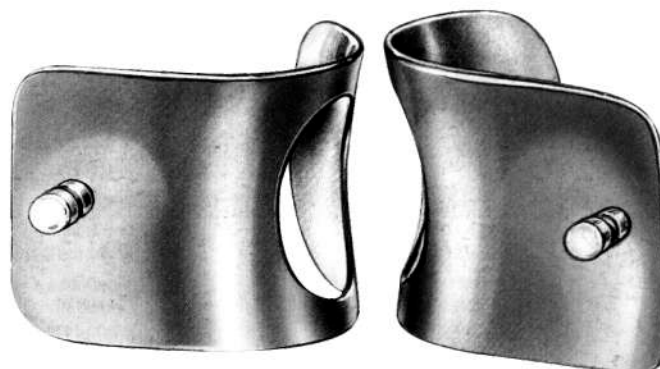
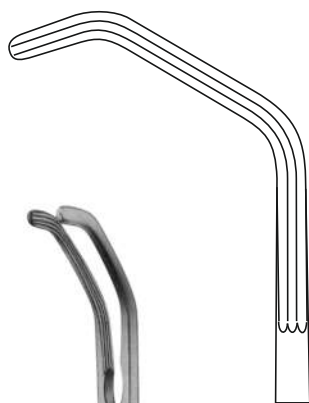


Fig. 2
Lateral blades pair
HI-246-077
70 x 75 mm



1/2

Price-Thomas
HI-247-079
22 cm

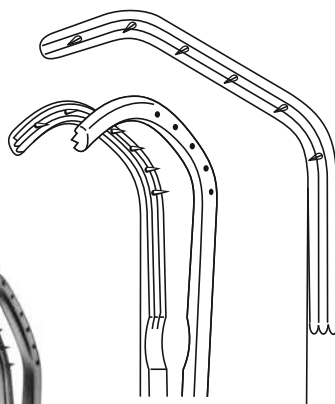


Fig. 1
HI-247-080



1/2

Price-Thomas
HI-247-080 - HI-247-081
22 cm

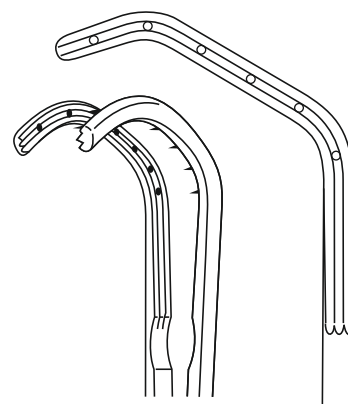


Fig. 2
HI-247-081

Lung Grasping Forceps, Haemostatic Forceps

Lungenfaßzange, Hämostatische Pinzette

Pinça de Agarrar no Pulmão, Pinça Hemostática

Pinzas de agarre de los pulmones, pinzas hemostáticas

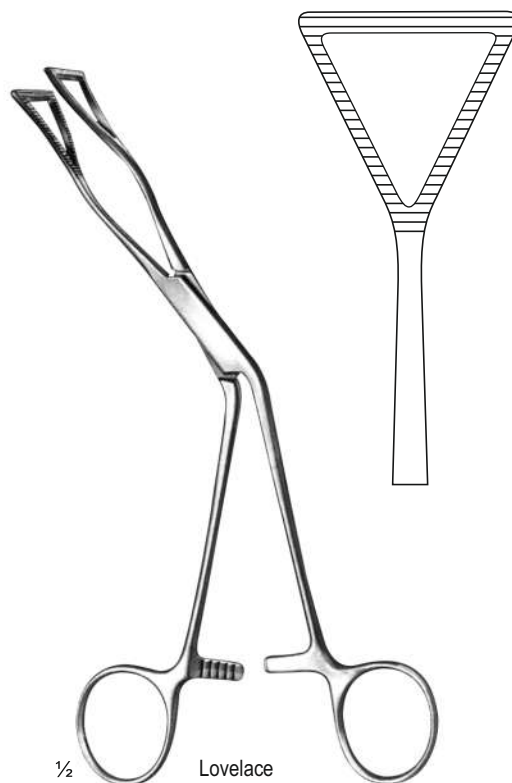
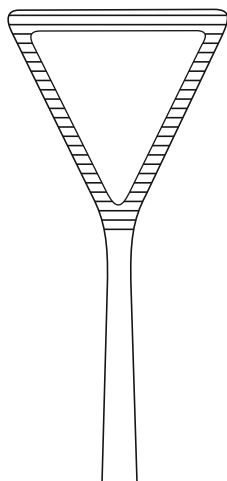


1/2

Lovelace
HI-248-082

20.5 cm

Lung grasping forceps

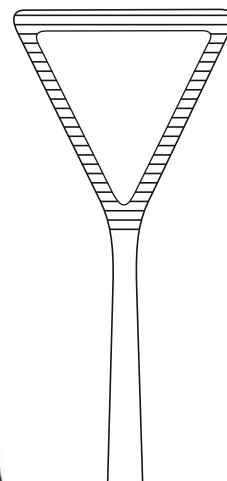


1/2

Lovelace
HI-248-083

19 cm

Lung grasping forceps

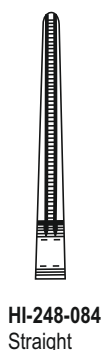


ATRAUMA



1/2

DeBailey-Rankin
HI-248-084 - HI-248-085
16 cm



HI-248-084
Straight

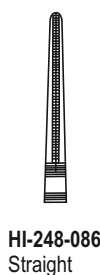


HI-248-085
Curved



1/2

DeBailey-Mosquito
HI-248-086 - HI-248-087
15 cm



HI-248-086
Straight



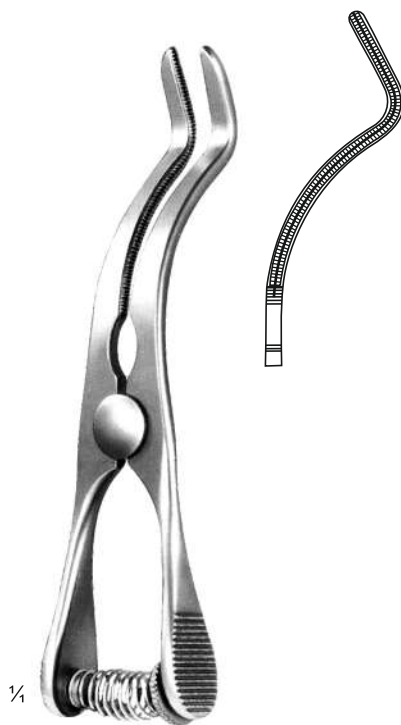
HI-248-087
Curved

Rib Retractors
Rippen-Reraktoren
Retradores de Costela
Retradores de costillas

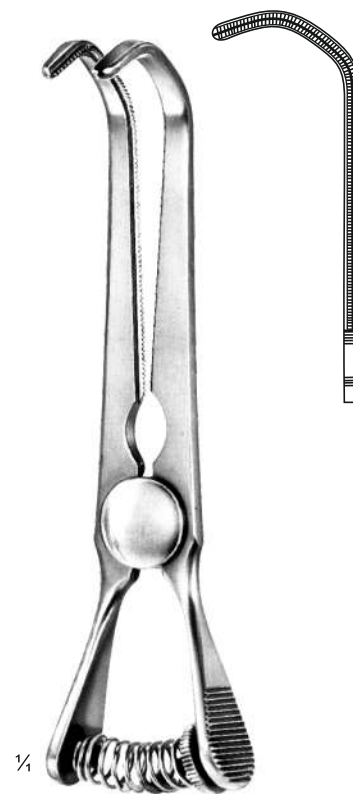
ATRAUMA



DeBakey-Satinsky
HI-249-088
7 cm



DeBakey-Satinsky
HI-249-089
9 cm



DeBakey-Satinsky
HI-249-090
10 cm



Glover
HI-249-091
6.5 cm



Santulli
HI-249-092
7 cm

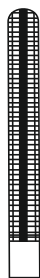


Ochsner
HI-250-093
22 cm



Diethrich
HI-250-094
22 cm

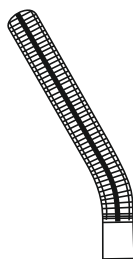
ATRAUMA



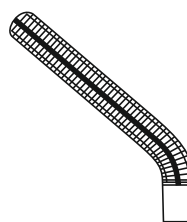
HI-251-095
15 cm



HI-251-096
15.5 cm
15°



HI-251-097
15.5 cm
30°



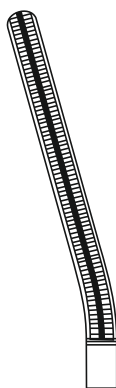
HI-251-098
15 cm
45°



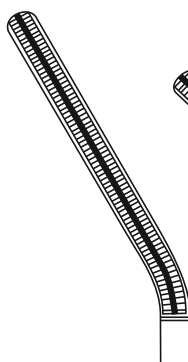
HI-251-099
13.5 cm
90°



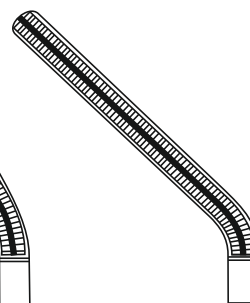
HI-251-100
17 cm



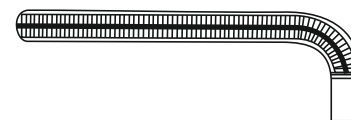
HI-251-101
16.5 cm
15°



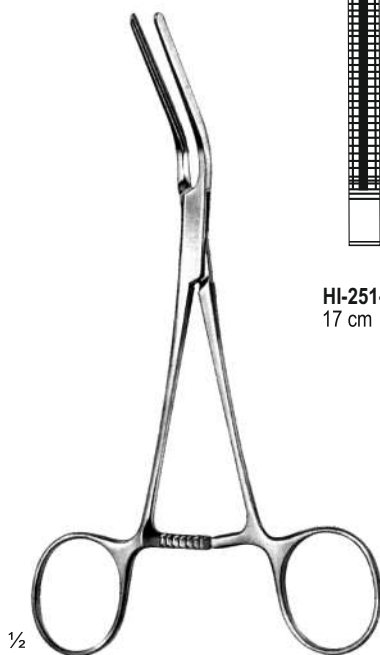
HI-251-102
16.5 cm
30°



HI-251-103
17 cm
45°

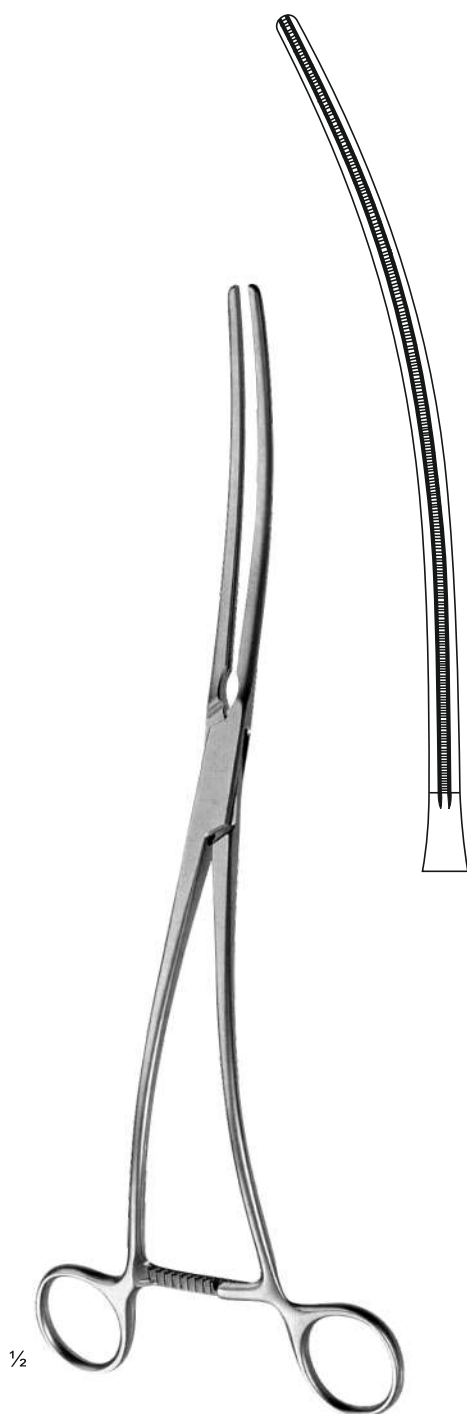


HI-251-104
13.5 cm
90°

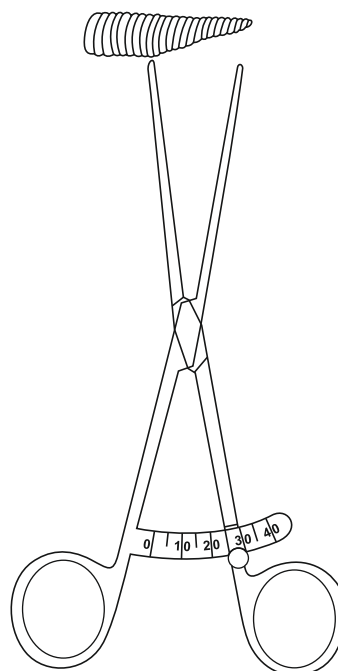
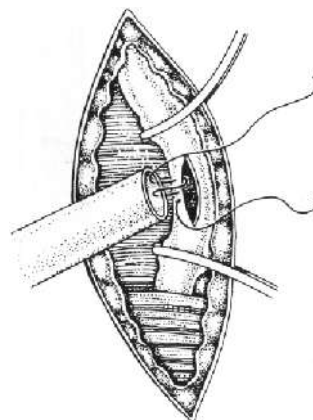


Dardik
HI-251-095 - HI-251-104
17 cm

ATRAUMA



DeBakey
HI-252-105
30 cm
Aortic clamp



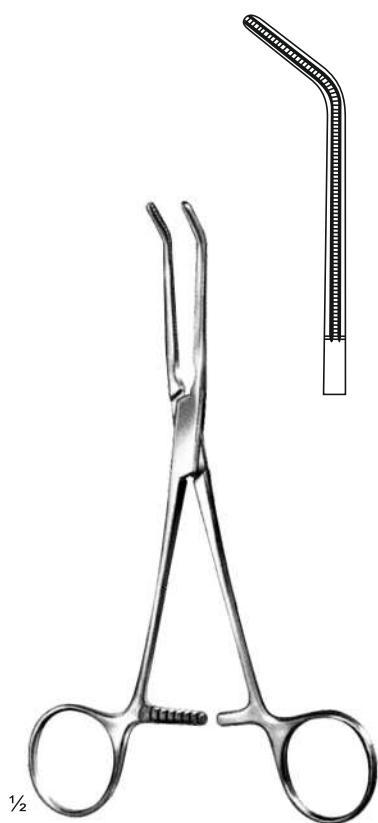
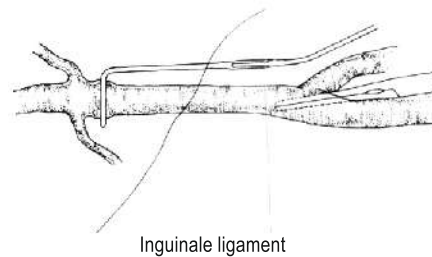
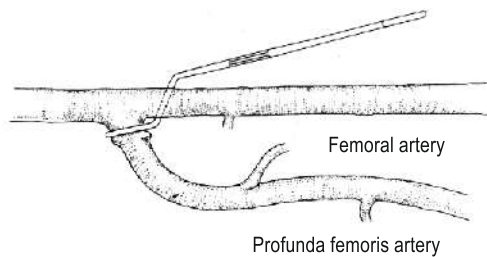
HI-252-106
18 cm
Vascular measuring device

Peripheral Vascular Clamps

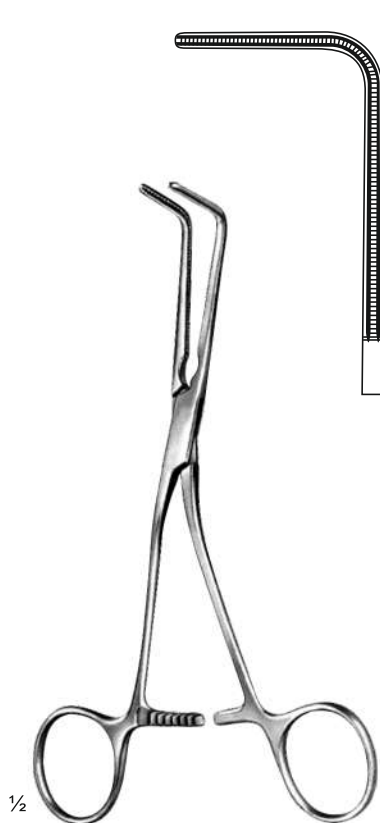
Periphere Gefäßklemmen
Grampos vasculares periféricos
Pinzas vasculares periféricas

13

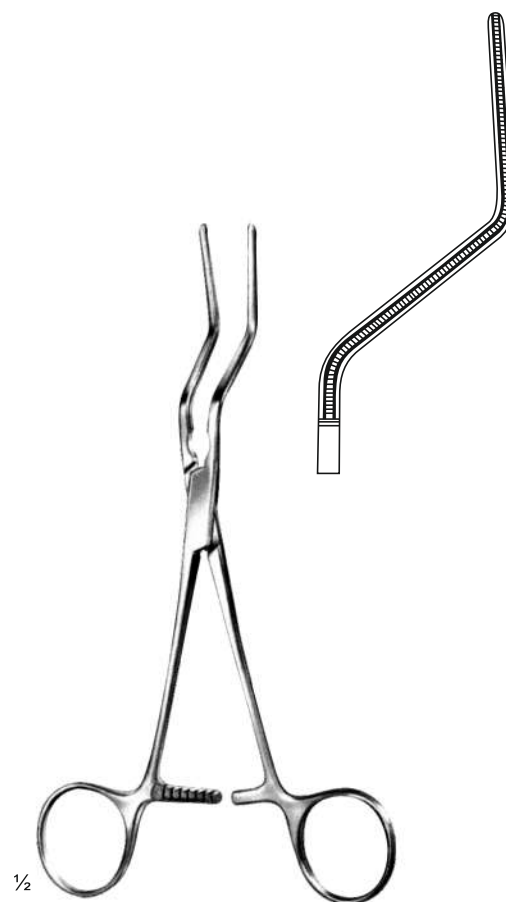
ATRAUMA



Husfeldt
HI-253-107
16.5 cm



Husfeldt
HI-253-108
17 cm



Husfeldt
HI-253-109
18 cm

ATRAUMA



DeBakey
HI-254-110 - HI-254-113
20 cm
2.7 mm



HI-254-110
16 cm



HI-254-111
20 cm



HI-254-112
25 cm



HI-254-113
30 cm



DeBakey
HI-254-114 - HI-254-116
20 cm
1.5 mm



HI-254-114
16 cm



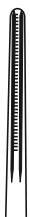
HI-254-115
20 cm



HI-254-116
25 cm



DeBakey
HI-254-117 - HI-254-120
20 cm
2 mm



HI-254-117
16 cm



HI-254-118
20 cm



HI-254-119
25 cm



HI-254-120
30 cm

Vascular Forceps

Gefäßzange

Pinça Vascular

Pinzas Vasculares

ATRAUMA



DeBakey
HI-255-121 - HI-255-124
20 cm
2 mm



HI-255-121
16 cm



HI-255-122
19.5 cm



HI-255-123
25 cm



HI-255-124
29.5 cm



DeBakey
HI-255-125 - HI-255-128
20 cm
3.5 mm



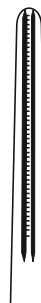
HI-255-125
16 cm



HI-255-126
20 cm



HI-255-127
25 cm



HI-255-128
30 cm

ATRAUMA



HI-256-129	15 cm	HI-256-132	15 cm
HI-256-130	19.5 cm	HI-256-133	19.5 cm
HI-256-131	24 cm	HI-256-134	24 cm
	1.0 mm		1.5 mm

DeBakey-Diethrich
HI-256-129 - HI-256-134



HI-256-135	15 cm	HI-256-140	15 cm
HI-256-136	19.5 cm	HI-256-141	19.5 cm
HI-256-137	24 cm	HI-256-142	24 cm
HI-256-138	30 cm	HI-256-143	30 cm
HI-256-139	38 cm	HI-256-144	38 cm
	2.7 mm		3.5 mm

DeBakey
HI-256-135 - HI-256-144



HI-256-145	15 cm
HI-256-146	19.5 cm
HI-256-147	24 cm
	2.0 mm

Cooley
HI-256-145 - HI-256-147



HI-256-148	15 cm
HI-256-149	19.5 cm
HI-256-150	24 cm
	1.5 mm



6:12

1/2

Chitwood-DeBakey
HI-256-148 - HI-256-150



HI-256-151	15 cm	HI-256-154	15 cm
HI-256-152	19.5 cm	HI-256-155	19.5 cm
HI-256-153	24 cm	HI-256-156	24 cm
	2.0 mm		2.7 mm



6:12

1/2

Chitwood-DeBakey
HI-256-151 - HI-256-159

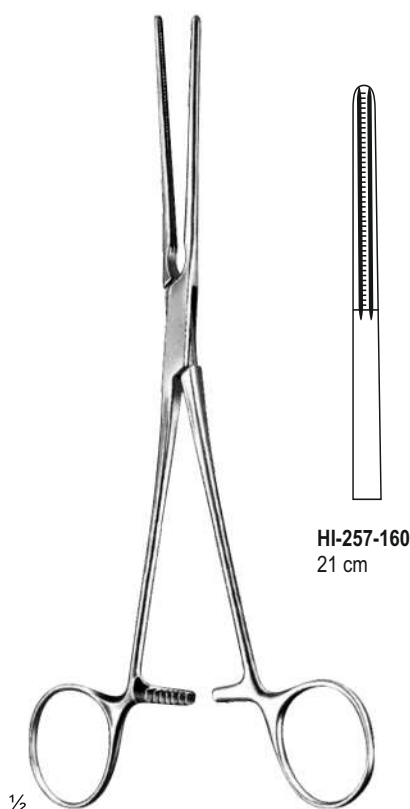
Coarctation Clamps

Coarctationsklemmen

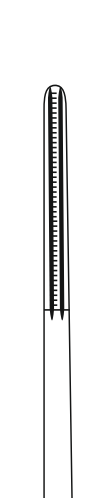
Grampos de coarctação

Abrazaderas de coartación

ATRAUMA



Potts
HI-257-160 - HI-257-161
21 cm



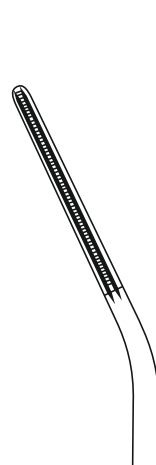
HI-257-160
21 cm



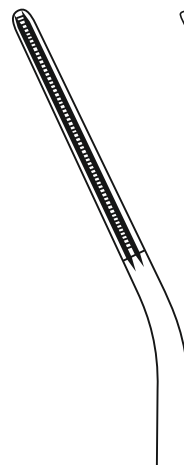
HI-257-161
22.5 cm



Potts
HI-257-162 - HI-257-163
20 cm



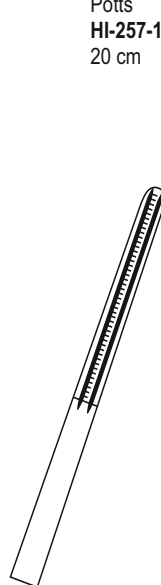
HI-257-162
20 cm



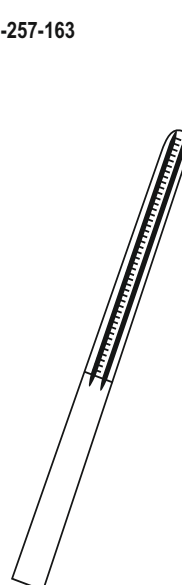
HI-257-163
22 cm



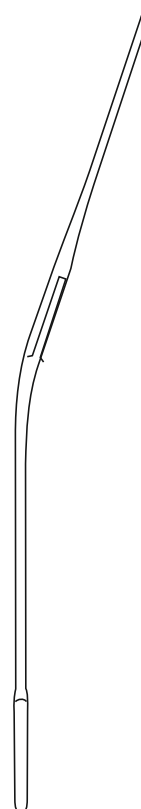
Potts
HI-257-164 - HI-257-155
20.5 cm



HI-257-164
20 cm



HI-257-165
22 cm

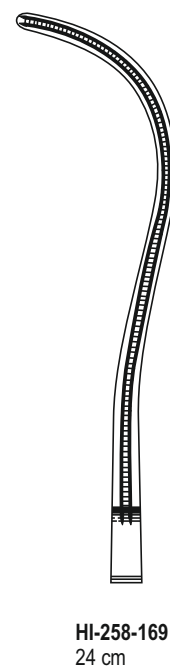
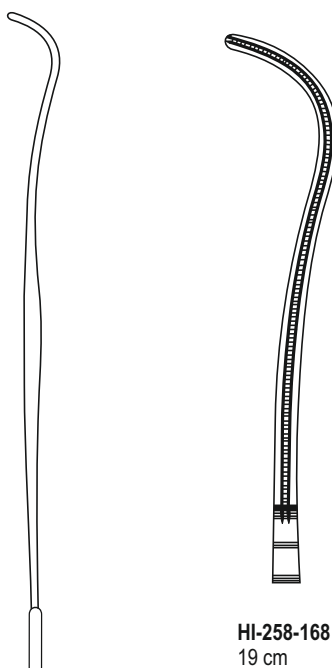
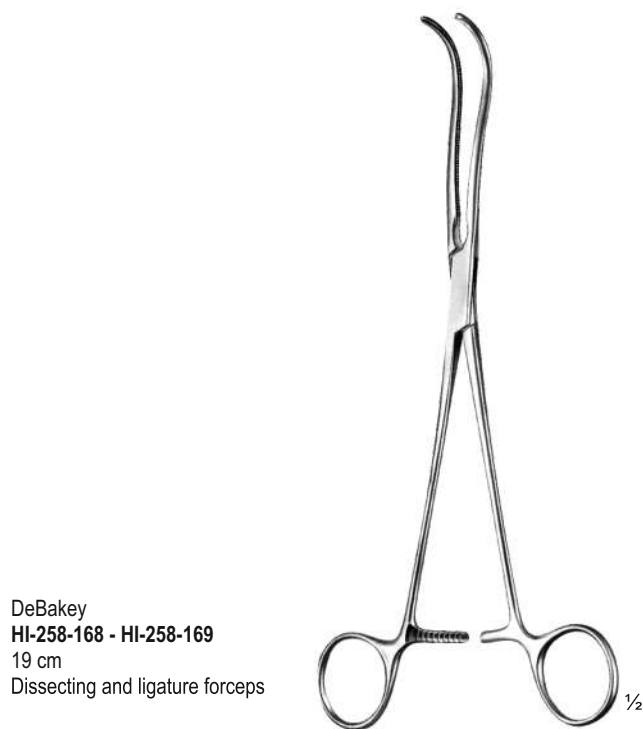


Anastomosis Clamps, Ligature Forceps

Anastomoseklemmen, Ligaturzange
Grampos Anastomose, Pinça Ligadura
Abrazaderas de anastomosis, pinzas de ligadura



ATRAUMA



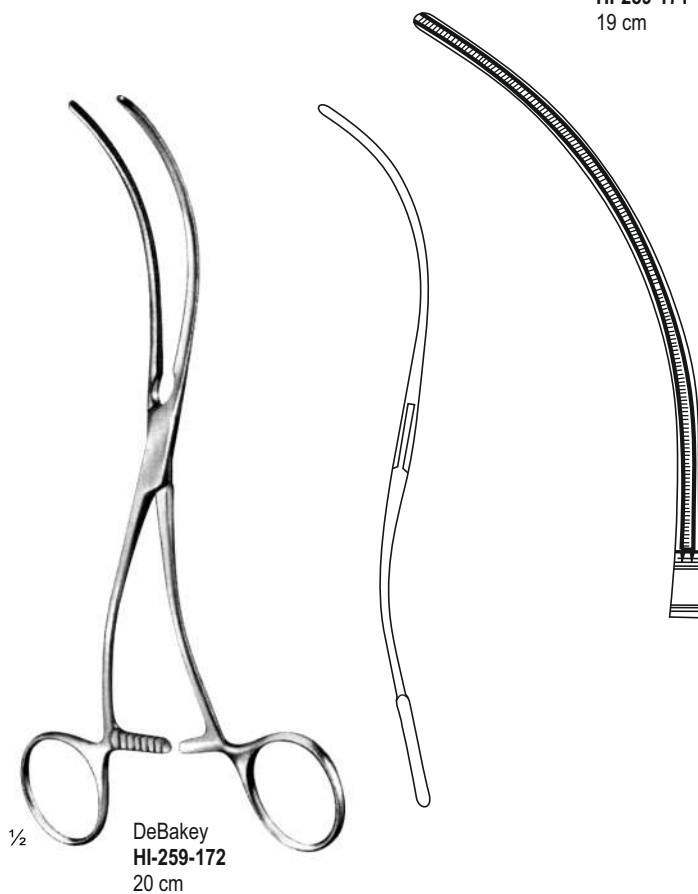
Peripheral Vascular Clamps

Periphere Gefäßklemmen

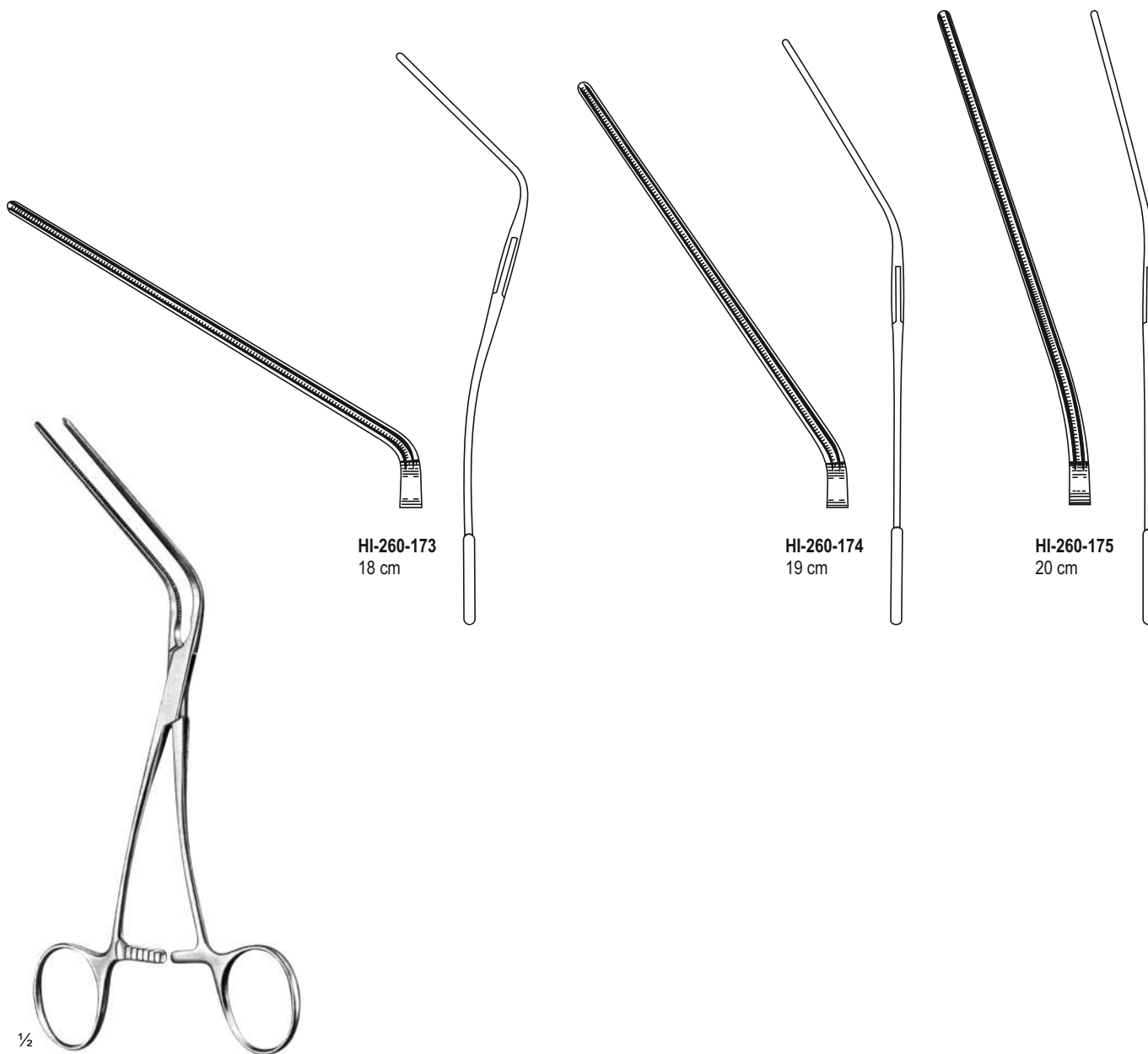
Grampos vasculares periféricos

Pinzas vasculares periféricas

ATRAUMA



ATRAUMA



HI-260-173
18 cm

HI-260-174
19 cm

HI-260-175
20 cm

Leland-Jones
HI-260-173 - HI-260-175

Multi Purpose Vascular Clamps
Mehrzweck-Gefäßklemmen
Grampos vasculares de múltiplos propósitos
Abrazaderas vasculares multiusos

ATRAUMA



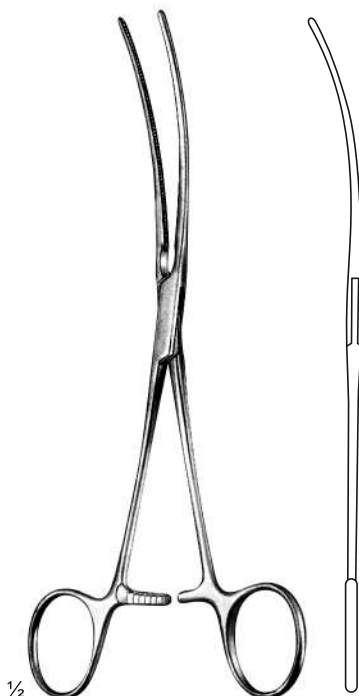
Bainbridge
HI-261-176 - HI-261-177
18.5 cm



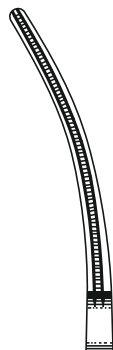
HI-261-176
15 cm



HI-261-177
18.5 cm



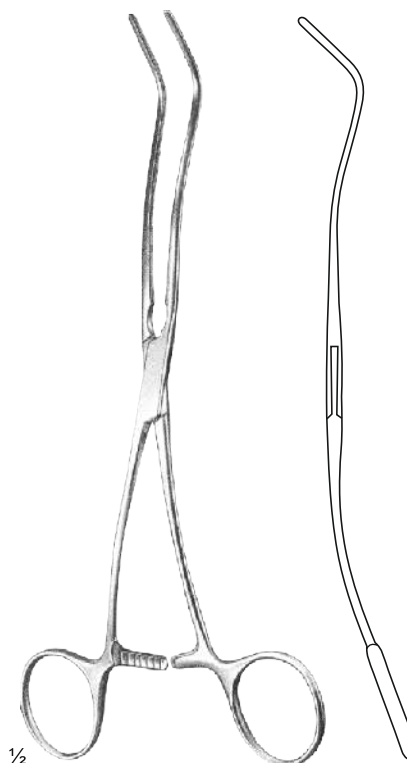
Bainbridge
HI-261-178 - HI-261-179
18.5 cm



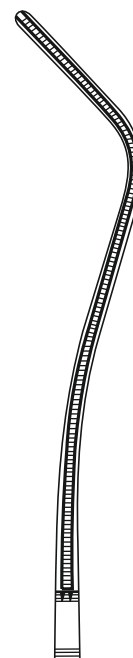
HI-261-178
15 cm



HI-261-179
18.5 cm



DeBakay
HI-261-180
20 cm



Aortic Aneurysm Clamps

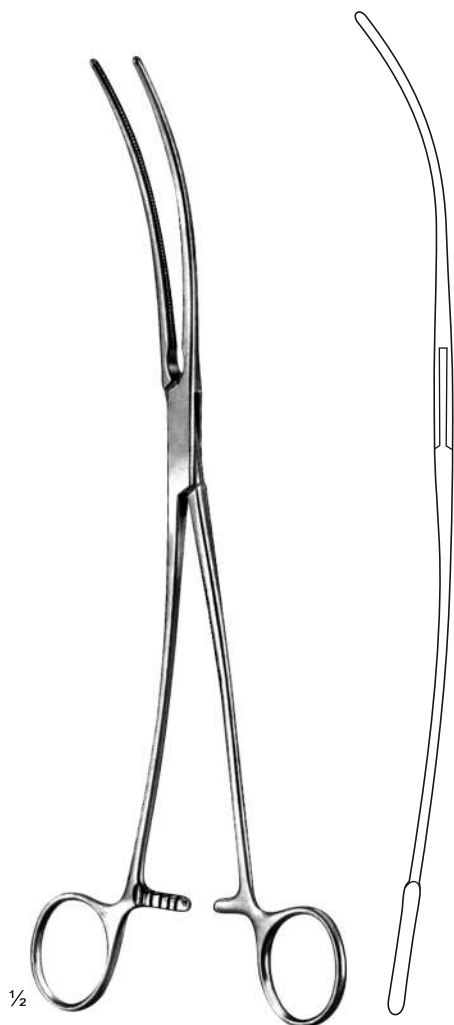
Aortenaneurysma-Klammern

Grampos de aneurisma aórtico

Abrazaderas de aneurisma aórtico

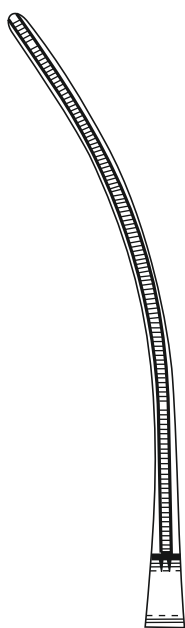


ATRAUMA

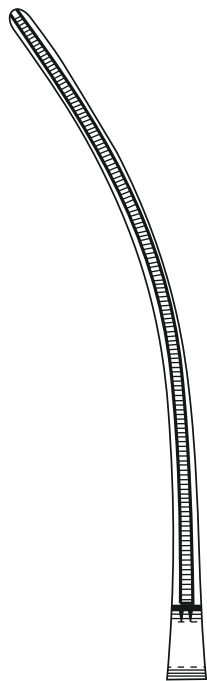


1/2

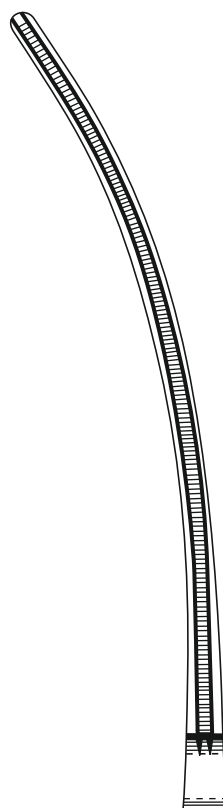
DeBakay
HI-262-181 - HI-262-184
26 cm



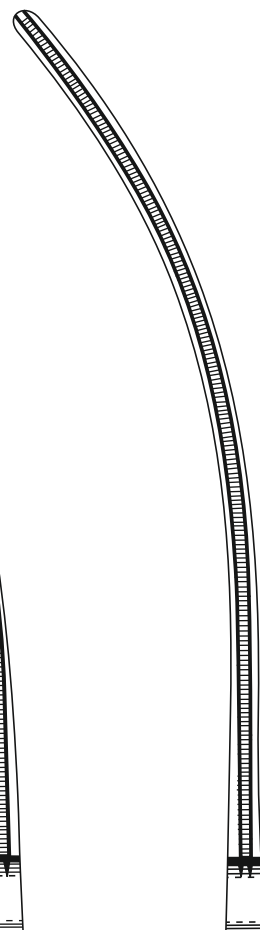
HI-262-181
26 cm



HI-262-182
27 cm



HI-262-183
31 cm



HI-262-184
33 cm

Aortic Aneurysm Clamps

Aortenaneurysma-Klammern

Grampos de aneurisma aórtico

Abrazaderas de aneurisma aórtico

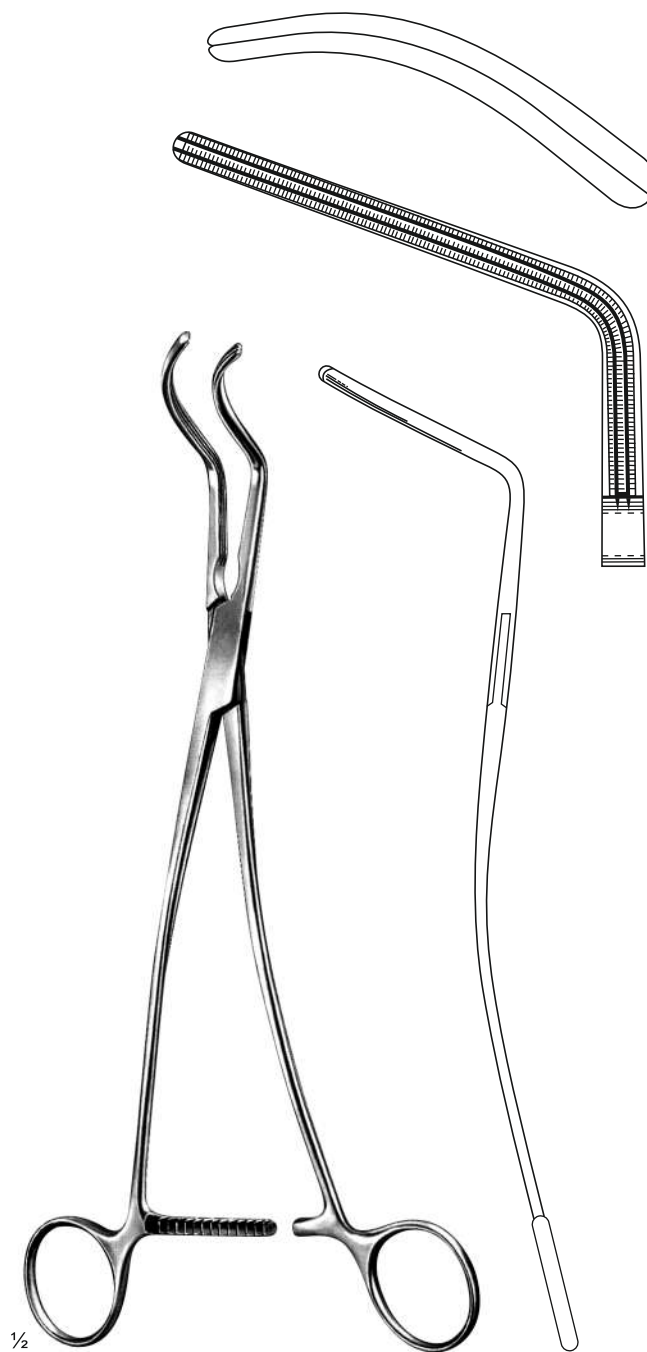
ATRAUMA



ATRAUMA



Cooley
HI-264-187
25 cm



DeBakay
HI-264-188
27 cm

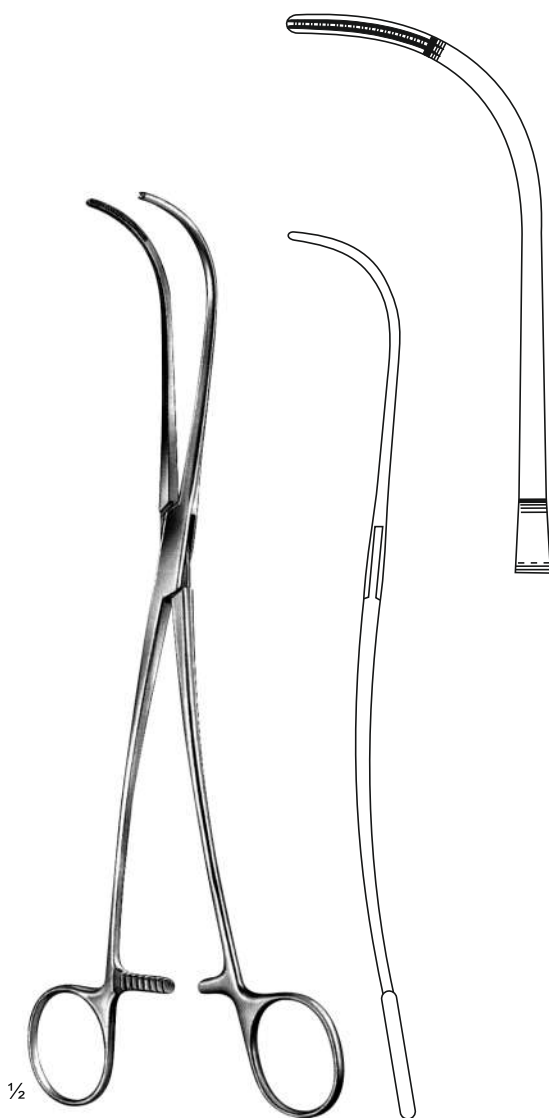
Ligature Forceps, Aortic Clamps

Ligatur Pinzetten, Aortenklappen

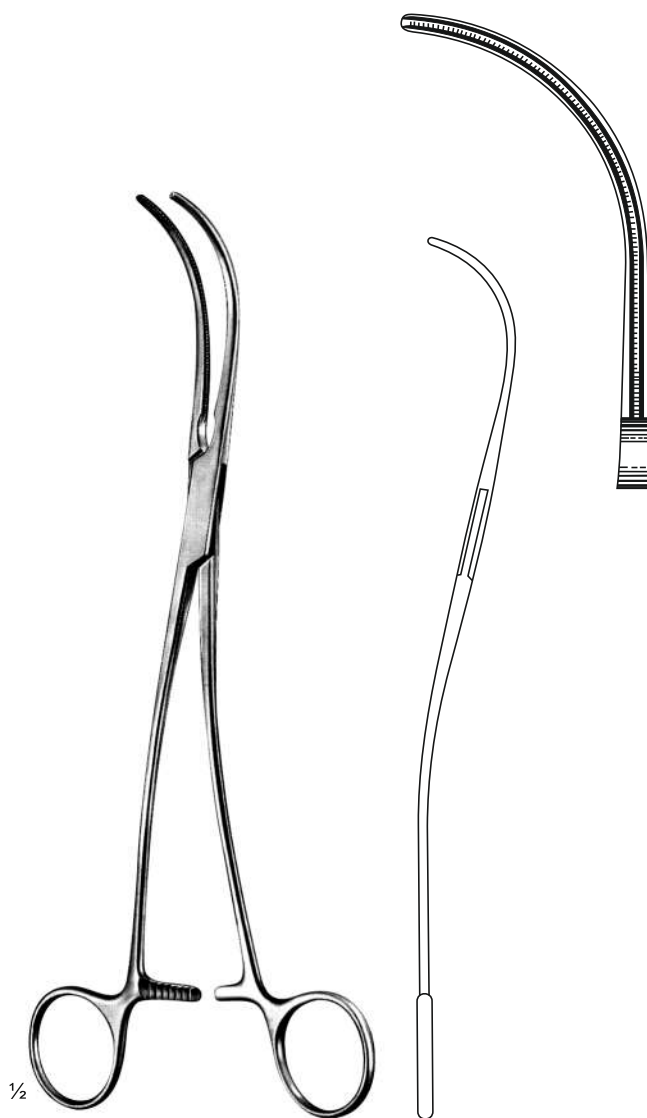
Pinça de Ligadura, Grampos Aórticos

Pinzas de ligadura, abrazaderas aórticas

ATRAUMA



DeBakay
HI-265-189
24.5 cm
Ligature forceps



DeBakay
HI-265-190
24.5 cm
Aortic forceps

ATRAUMA



DeBakay
HI-266-191
27 cm



DeBakay
HI-266-192
27 cm

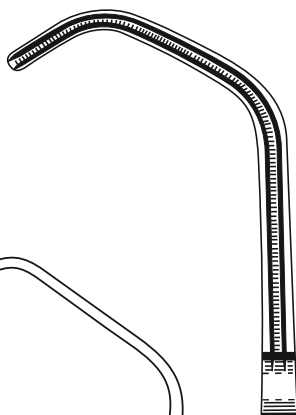
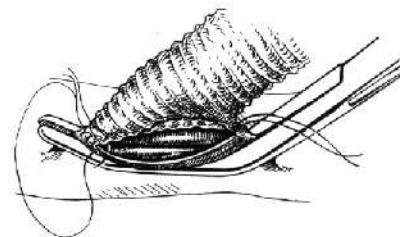
Tangential Occlusion Clamps

Tangentiale Okklusionsklemmen

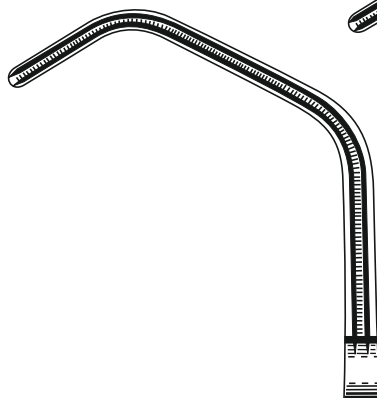
Grampos de oclusão tangencial

Abrazaderas de oclusión tangencial

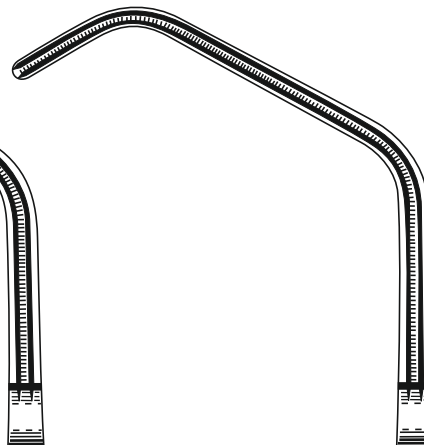
ATRAUMA



HI-267-193
22 cm



HI-267-194
26 cm



HI-267-195
26.5 cm



1/2
Satinsky
HI-267-193 - HI-267-197
28.5 cm

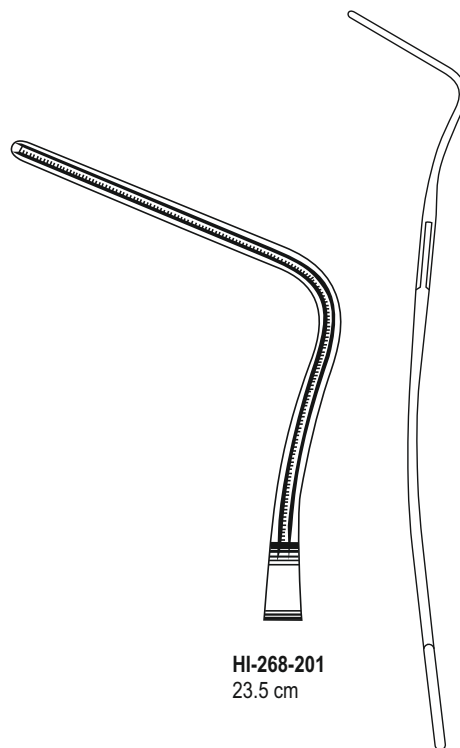
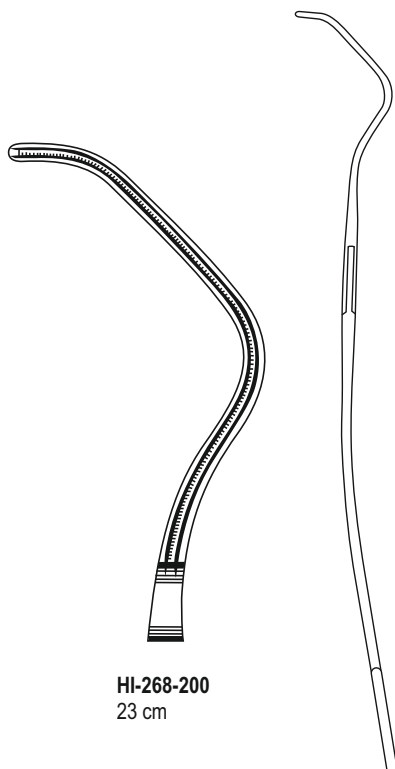
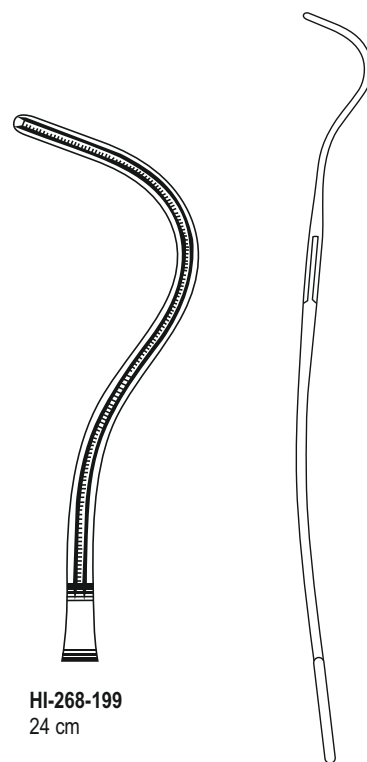
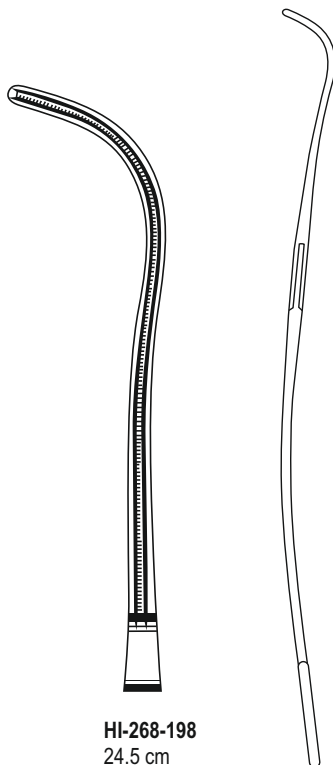


HI-267-196
27.5 cm



HI-267-197
28.5 cm

ATRAUMA



Aorta-Anastomosis Clamps, Anastomosis Clamps

Aorta-Anastomose-Klemmen, Anastomose-Klemmen

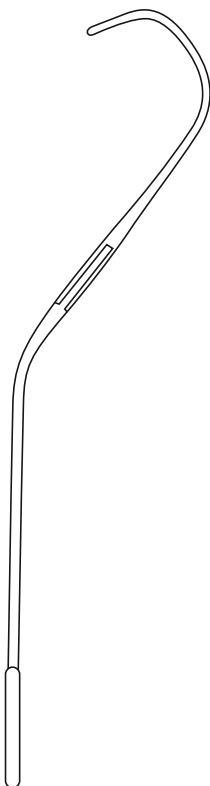
Braçadeiras Anastomose Aorta, Anastomose Braçadeiras

Abrazaderas de aorta-anastomosis, abrazaderas de anastomosis

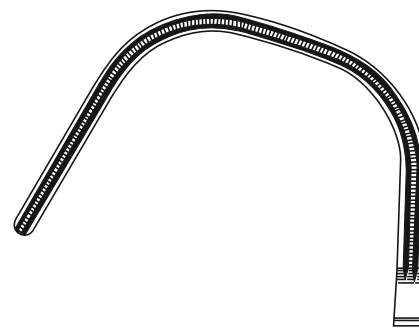
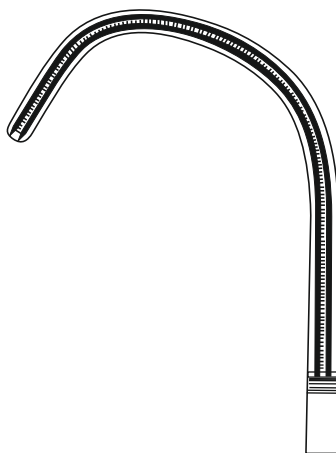
ATRAUMA



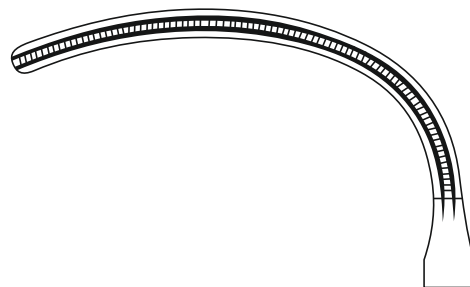
LambeHI-Kay
HI-269-267 - HI-269-268
20.5 cm
Aorta-Anastomosis clamp



HI-269-201
22.5 cm



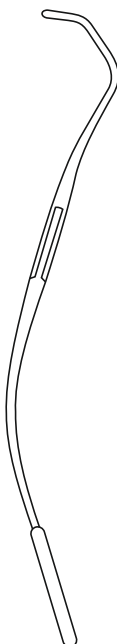
HI-269-202
20.5 cm



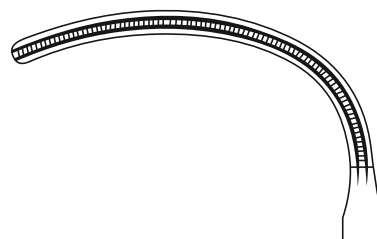
HI-269-204
22 cm



DeBakey
HI-269-203
16.5 cm
Aorta-Anastomosis clamp



Glover
HI-269-204 - HI-269-205
18 cm
Anastomosis clamp



HI-269-205
18 cm

ATRAUMA



Haemostatic Forceps

Hämostatische Pinzetten

Pinça hemostática

Pinzas hemostáticas

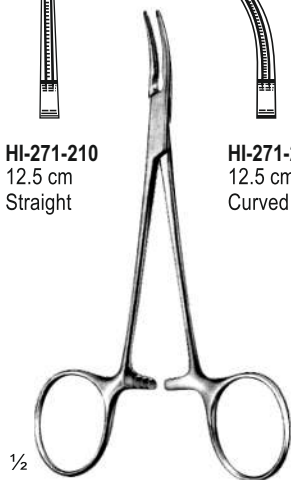
ATRAUMA



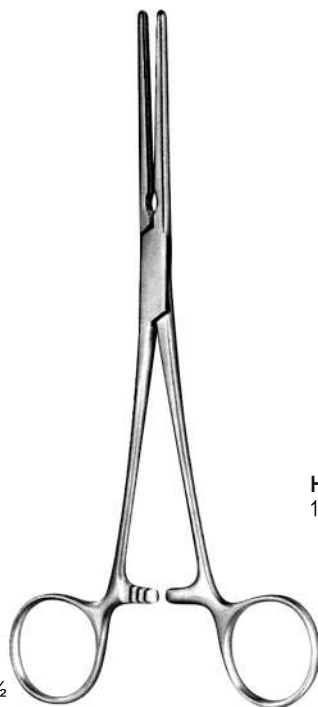
HI-271-210
12.5 cm
Straight



HI-271-211
12.5 cm
Curved



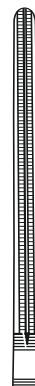
DeBakey-Mosquito
HI-271-210 - CS-495-211



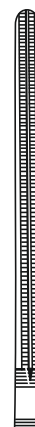
DeBakey-Pean
HI-271-212 - HI-271-215
18.5 cm



HI-271-212
14.5 cm



HI-271-213
16.5 cm



HI-271-214
18.5 cm



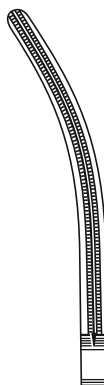
HI-271-215
20.5 cm



DeBakey-Pean
HI-271-216 - HI-271-219
18.5 cm



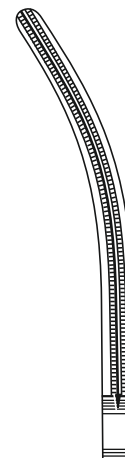
HI-271-216
14.5 cm



HI-271-217
16.5 cm



HI-271-218
18.5 cm



HI-271-219
20.5 cm

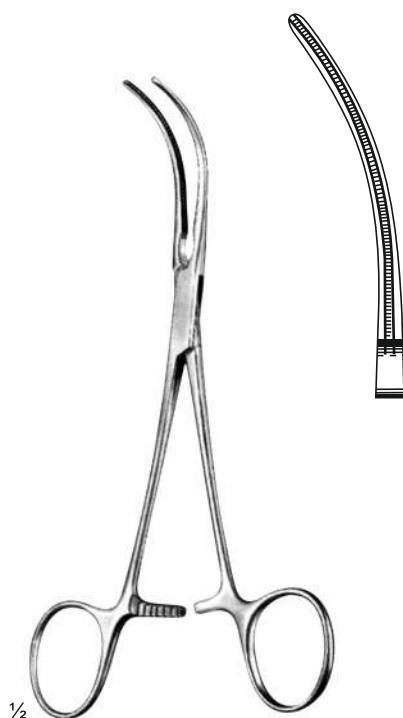
ATRAUMA



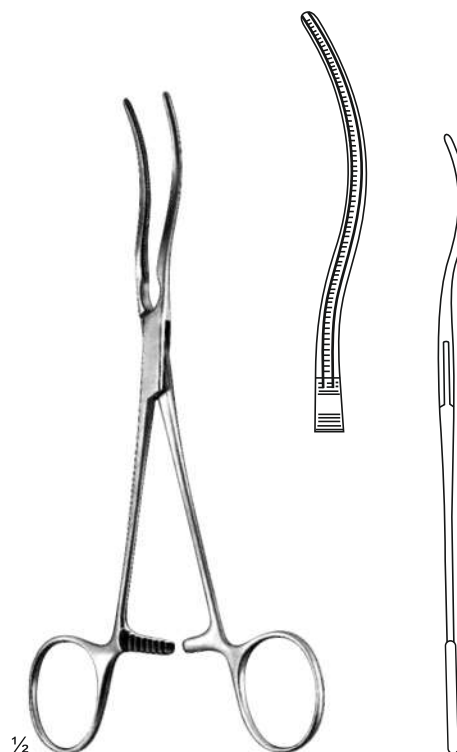
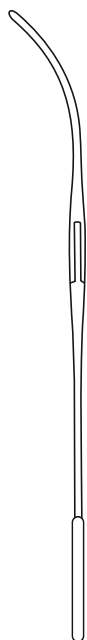
DeBailey
HI-272-220
15 cm



DeBailey
HI-272-221
16.5 cm



Glover
HI-272-222
17 cm



Glover
HI-272-223
17.5 cm

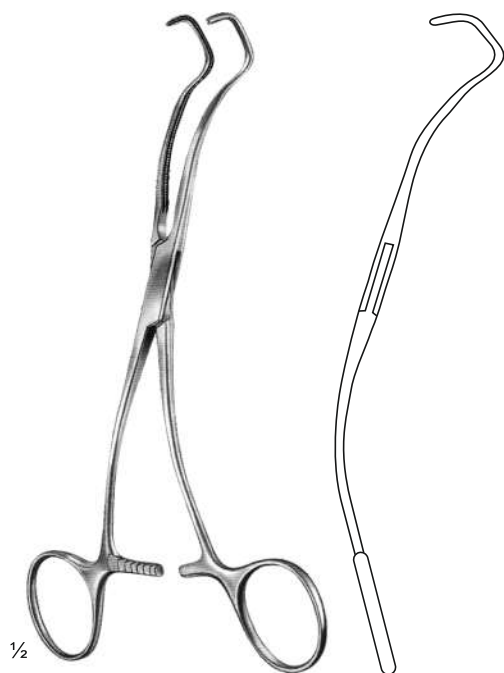
Anastomosis Clamps

Anastomoseschellen

Grampos Anastomose

Abrazaderas de anastomosis

ATRAUMA



Derra
HI-273-224 - CS-499-226
17.5 cm



Fig. 1
HI-273-224
16.5 cm



Fig. 2
HI-273-225
17 cm

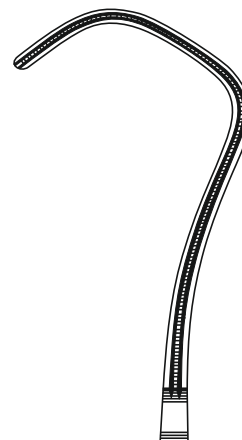


Fig. 3
HI-273-226
17.5 cm

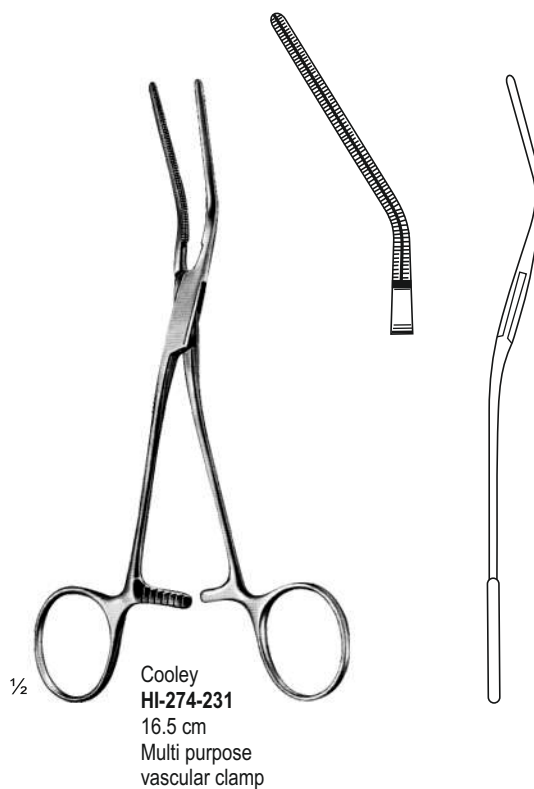
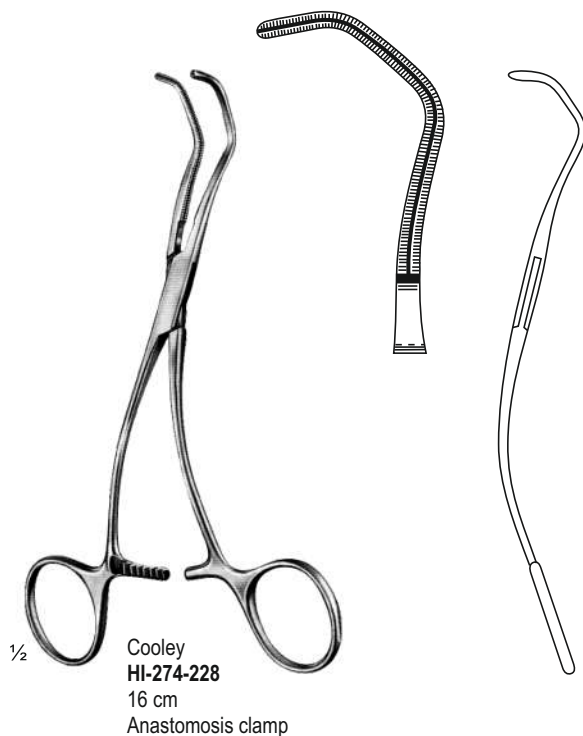


DeBakey-Beck
HI-273-227
17 cm

Anastomosis Clamps, Multi Purpose Vascular Clamps

Anastomosenklemmen, Mehrzweck-Gefäßklemmen
Braçadeiras Anastomose, Braçadeiras Vasculares Multifuncionais
Abrazaderas de anastomosis, abrazaderas vasculares multiuso

ATRAUMA





Neurosurgery, Laminectomy

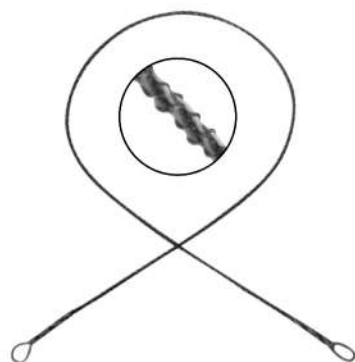
Neurochirurgie, Laminektomie

Neurocirurgia, Laminectomia

Neurocirugía, laminectomía

Page 276-330

Wire Saws
Sierras de alambre
Serras De Ar



Gigli
HI-276-001 - HI-276-005

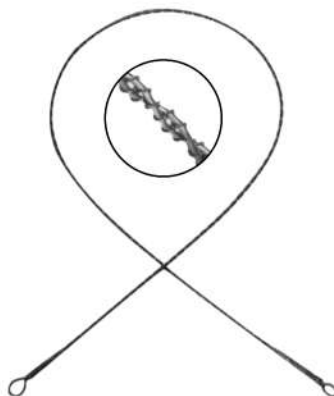
HI-276-001
30 cm

HI-276-002
40 cm

HI-276-003
50 cm

HI-276-004
60 cm

HI-276-005
70 cm



Karison
HI-276-006 - HI-276-010

HI-276-006
30 cm

HI-276-007
40 cm

HI-276-008
50 cm

HI-276-009
60 cm

HI-276-010
70 cm



1/4
Gigli
HI-276-011
Wire saw handle



1/2
Lebsche
HI-276-012
25 cm
Wire saw guide
malleabl



Gigli
HI-276-013 - HI-276-014
30.5 cm
Introducer guide

HI-276-013
5 mm
HI-276-014
7 mm



1/2
De Martel
HI-276-015
33 cm
Wire saw guide



HI-277-016
 7 cm
 Drill Point
 3.5 mm Ø



HI-277-017
 7 cm
 Drill Point
 5 mm Ø



Crutchfield
HI-277-016 - HI-277-017
 Small pattern



Crutchfield
HI-277-018
 Medium pattern



HI-277-019
 Large pattern
 and spare pin

Cranial Rongeurs

Schädel Rongeurs
Rongeurs craneanos
Rongeurs craneales

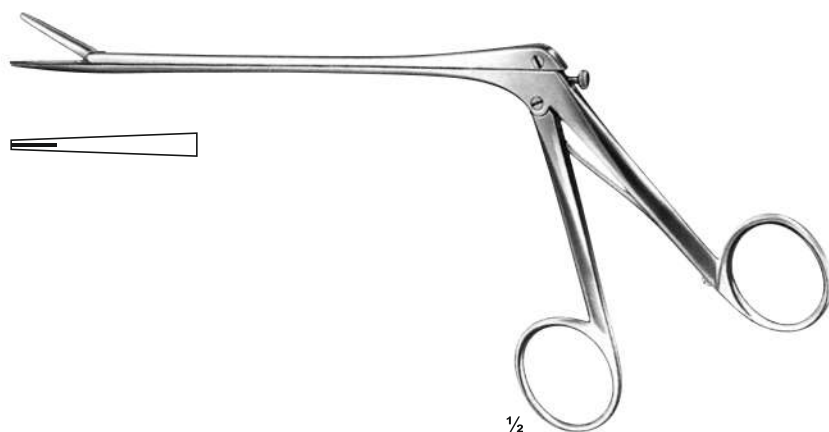


Clips and Applying Forceps

Clips und Anwendung Pinzetten

Clips e aplicação de fórceps

Clips y pinzas aplicadas



1/2

Olivecrona-Toennis

HI-279-024

Clip applying forceps



1/2

Mckenzie

HI-279-025

18.5 cm

Clip applying forceps



Kölner

HI-279-026

Scalp Clip



Raney

HI-279-027

Scalp Clip



1/2

Raney

HI-279-028

15.5 cm

Applying/Removal forceps

Nerve Root Retractors

Nervenzurzel-Reetraktoren

Retratores da Raiz Nervosa

Retradores de la raíz nerviosa

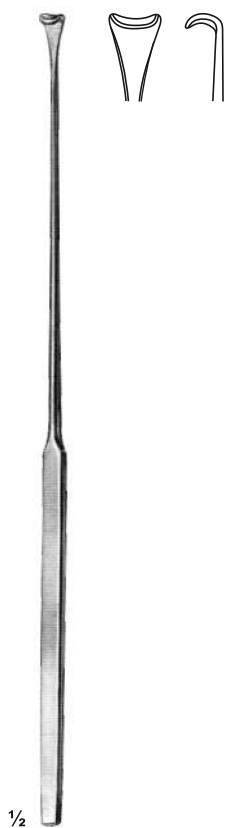


Fig. 1
Love
HI-280-029
21.5 cm



Fig. 2
Love
HI-280-030
17.5 cm

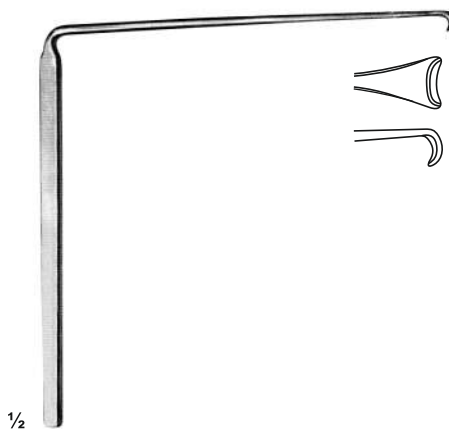


Fig. 3
Love
HI-280-031
11 cm



Love
HI-280-032
21 cm

Leyla Retractors System

Leyla Retraktorsystem
Sistema de Retratores Leyla
Sistema de retractores Leyla



Leyla
HI-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



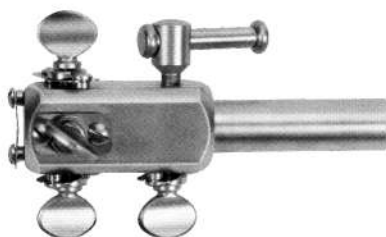
HI-282-034

Ball and Socket Joint
for fixation of holding rod
at the operating table



HI-282-035

Holding Rod, detachable,
for fixation in ball and socket joint
and to hold a desired coupling head



HI-282-036

Coupling Head
to hold 5 flexible arms



HI-282-037

Coupling Head, turnable,
to hold 1 flexible arms



HI-282-038

Coupling Head, lateral open,
to hold 1 flexible arms

Yasargil

HI-282-039

Brain Retractor, flexible, for 1 flat
spatula, complete, consisting out of:

Yasargil

HI-282-040

Brain Retractor, flexible, for 2 flat
spatula, complete, consisting out of:

Leyla Retractors System

Leyla Retraktorsystem
Sistema de Retratores Leyla
Sistema de retractores Leyla



Yasargil
HI-283-041
Flexible arms, only



Yasargil
HI-283-042
Ear Specula Holder, complete, consisting out of:



HI-283-043
Support for flat
brain spatula



HI-283-044
Support for brain
spatula with round shaf



HI-283-045
Fixation Base for skull mounting,
holding 2 flexible arms



HI-283-046
Fixation Base for skull mounting,
holding 1 flexible arm



HI-283-047
Fixation Base for mounting on bars
up to Ø 16 mm, for 1 flexible arm

Nerve Root Retractors

Nervenzurzel-Rejektoren

Retradores da Raiz Nervosa

Retradores de la raíz nerviosa

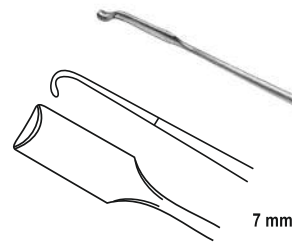


HI-284-048
3 mm

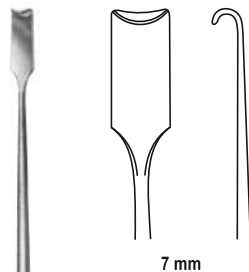
HI-284-049
5 mm

HI-284-050
7 mm

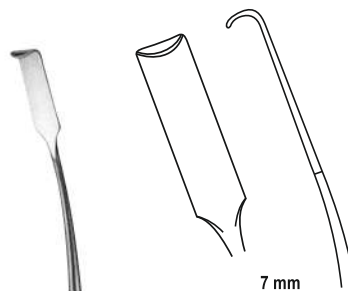
Hess
HI-284-048 - HI-284-050
17.5 cm



Scoville
HI-284-051
16.5 cm



Scoville
HI-284-052
23.5 cm



Holsher
HI-284-053
24 cm



HI-284-054
6 mm

HI-284-055
8 mm

HI-284-056
10 mm

Caspar
HI-284-054 - HI-284-056
24.5 cm



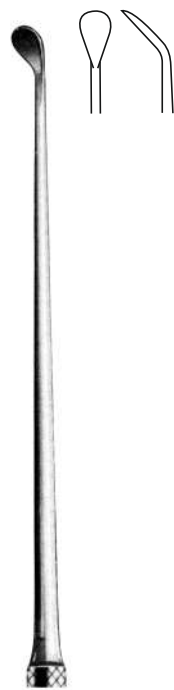
Yasargil
HI-285-057
19 cm



Yasargil
HI-285-058
19 cm



Yasargil
HI-285-059
19 cm



Yasargil
HI-285-060
19 cm



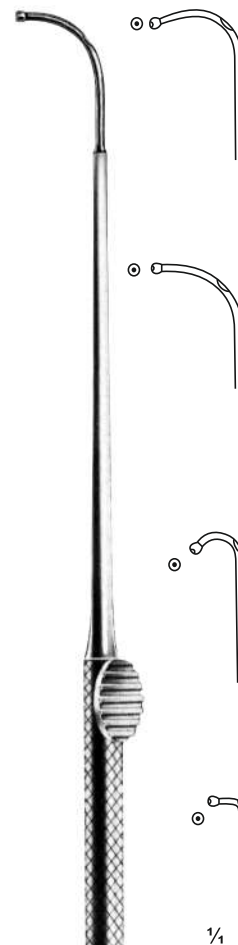
Yasargil
HI-285-061
19 cm



Yasargil
HI-285-062
19 cm



Jacobson
HI-285-063
19 cm



Jacobson
HI-285-064
19 cm



Yasargil
HI-285-065
19 cm



HI-285-066
19 cm



HI-285-067
19 cm

Yasargil



HI-285-068
19 cm



HI-285-069
19 cm

Yasargil
HI-285-057 -
HI-285-069
19 cm

Nerve and Dura Hooks

Nerven- und Dura-Haken

Nervo e Ganchos Dura

Nervio y Dura Hooks



1/2

Smithwick
HI-286-070
29 cm
Dura Dissector



1/2

Smithwick
HI-286-071 - HI-286-272
Nerve hook



HI-286-071
17 cm



1/4
HI-286-072
21 cm



1/2

Hoen
HI-286-073
22 cm
11 mm



1/2

Dandy
HI-286-074
20 cm
4.0 mm



1/2

Dandy
HI-286-075
20 cm
4.0 mm

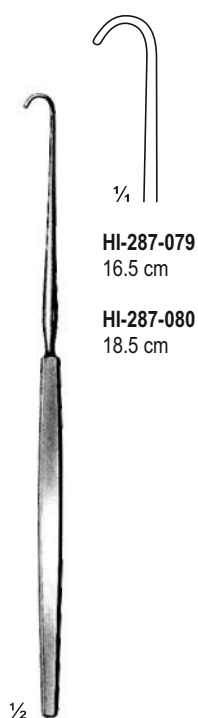


1/2

Dandy
HI-286-076
20 cm
4.0 mm



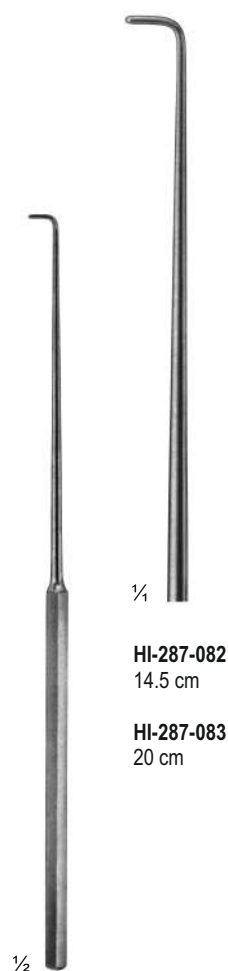
Adson
HI-287-077 - HI-287-078



Graham
HI-287-079 - HI-287-080



Sachs
HI-287-081
17 cm



Crile
HI-287-082 - HI-287-083



Cushing
HI-287-084 - HI-287-085

Nerve and Dura Hooks

Nerven- und Dura-Haken

Nervo e Ganchos Dura

Nervio y Dura Hooks



Blalock
HI-288-086
23 cm



PBI
HI-288-087
19 cm
with ball



PBI
HI-288-088
19 cm



Adson
HI-288-089
20 cm
7 mm



Adson
HI-288-090
20 cm
7 mm



Sachs
HI-288-091
20 cm
7 mm



HI-289-096
16 cm
Small, sharp



HI-289-097
16 cm
Medium, sharp



HI-289-098
16 cm
Large, sharp



HI-289-099
18 cm
Small, sharp



HI-289-100
18 cm
Large, sharp



HI-289-094
13 cm



HI-289-095
18 cm



sharp



sharp



Kilner
HI-289-092
15 cm



Hartmann
HI-289-093
16 cm



Frazier
HI-289-094 - HI-289-095



Kleine HI-Kutz
HI-289-096 - HI-289-098



Gillies
HI-289-099 - HI-289-100

Elevators Dissectors

Aufzüge Dissektoren
Dissectores de Elevadores
Disectores de ascensores



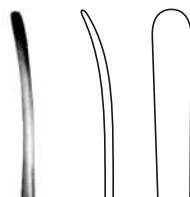
HI-290-101
30 cm



HI-290-102
41 cm

1/2

Yasargil
HI-290-101 - HI-290-102
Galea hook

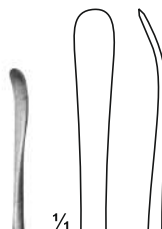


1/2

Toennis
HI-290-103
24 cm
Dura dissectors



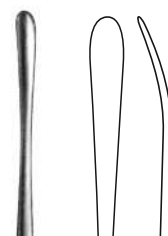
1/4



1/4

1/2

Davis
HI-290-104
21.5 cm
Dura dissectors
sharp

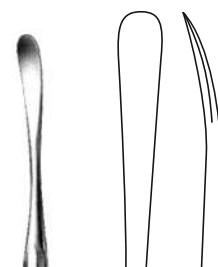


1/2

Davis
HI-290-105
24.5 cm
Dura dissectors

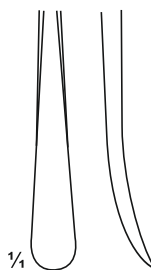


1/4



1/2

HI-290-106
22 cm



1/4



Freer
HI-291-107
18 cm
Septum elevator



Freer
HI-291-108
20 cm
Septum elevator



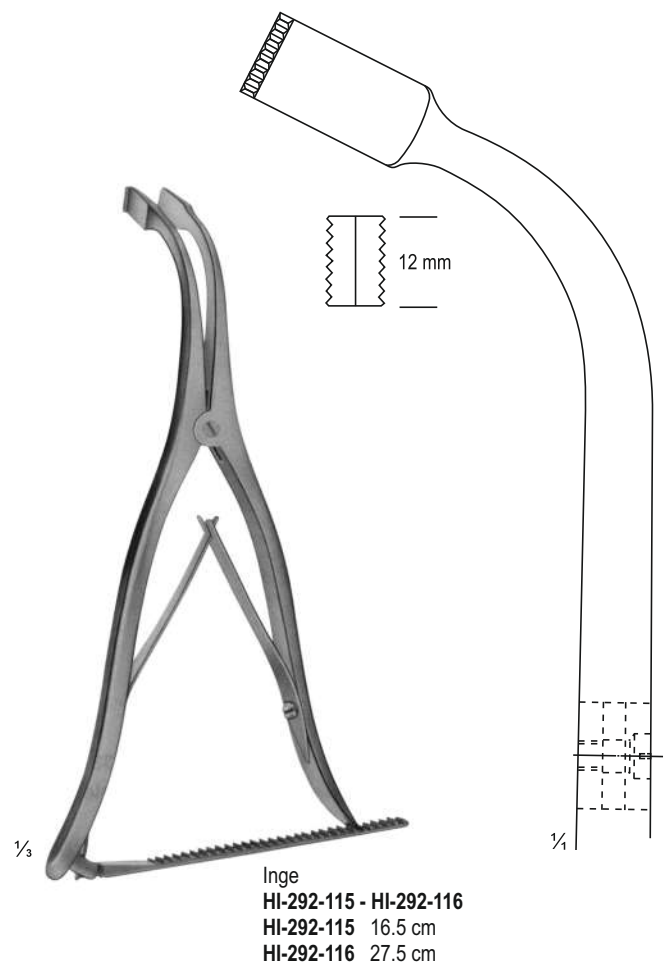
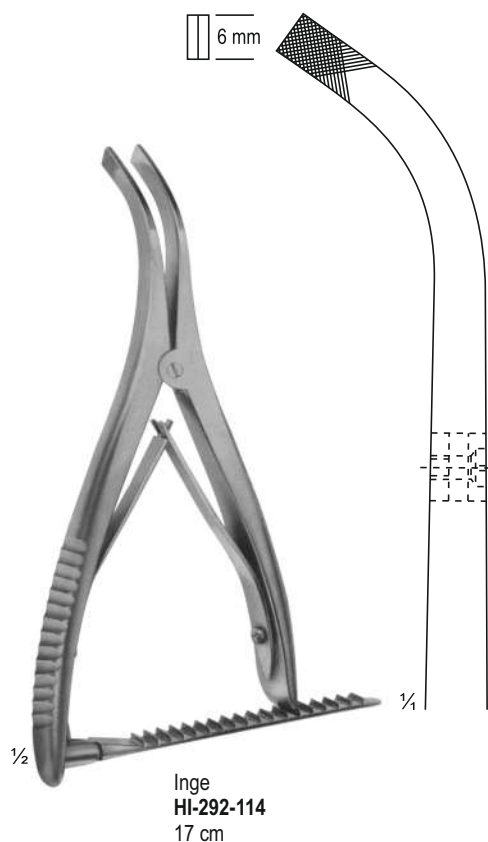
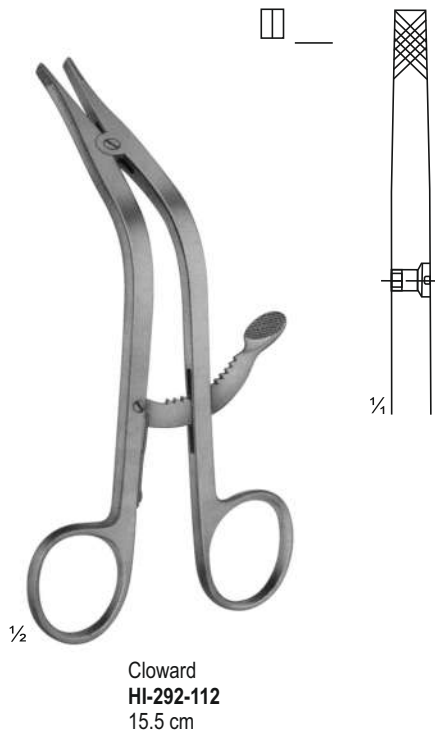
Micro Dissector
HI-291-109 - HI-291-110
HI-291-109 18.5 cm
HI-291-110 21.5 cm



Dorsey
HI-291-111
16.5 cm
17 mm/5 mm
Dura Separator

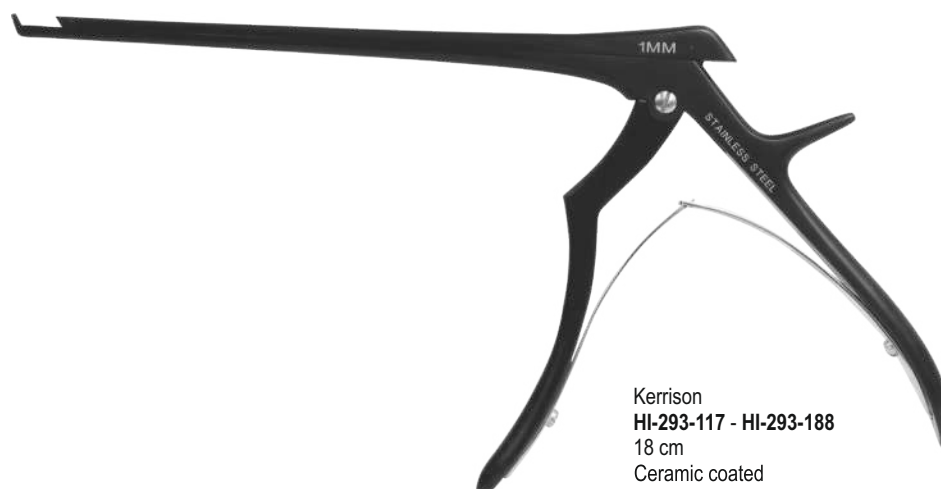
Lamina Spreaders

Lamina-Spreizer
Espalhadores de lamina
Esparcidores de Lamina



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 mmLength of shaft
200 mmLength of shaft
230 mmLength of shaft
180 mmLength of shaft
200 mmLength of shaft
230 mm

HI-293-117

HI-293-123

HI-293-129

HI-293-135

HI-293-141

HI-293-147

HI-293-118

HI-293-124

HI-293-130

HI-293-136

HI-293-142

HI-293-148

HI-293-119

HI-293-125

HI-293-131

HI-293-137

HI-293-143

HI-293-149

HI-293-120

HI-293-126

HI-293-132

HI-293-138

HI-293-144

HI-293-150

HI-293-121

HI-293-127

HI-293-133

HI-293-139

HI-293-145

HI-293-151

HI-293-122

HI-293-128

HI-293-134

HI-293-140

HI-293-146

HI-293-152

90°



40°



Down

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm

Length of shaft
180 mmLength of shaft
200 mmLength of shaft
230 mmLength of shaft
180 mmLength of shaft
200 mmLength of shaft
230 mm

HI-293-153

HI-293-159

HI-293-165

HI-293-171

HI-293-177

HI-293-183

HI-293-154

HI-293-160

HI-293-166

HI-293-172

HI-293-178

HI-293-184

HI-293-155

HI-293-161

HI-293-167

HI-293-173

HI-293-179

HI-293-185

HI-293-156

HI-293-162

HI-293-168

HI-293-174

HI-293-180

HI-293-186

HI-293-157

HI-293-163

HI-293-169

HI-293-175

HI-293-181

HI-293-187

HI-293-158

HI-293-164

HI-293-170

HI-293-176

HI-293-182

HI-293-188

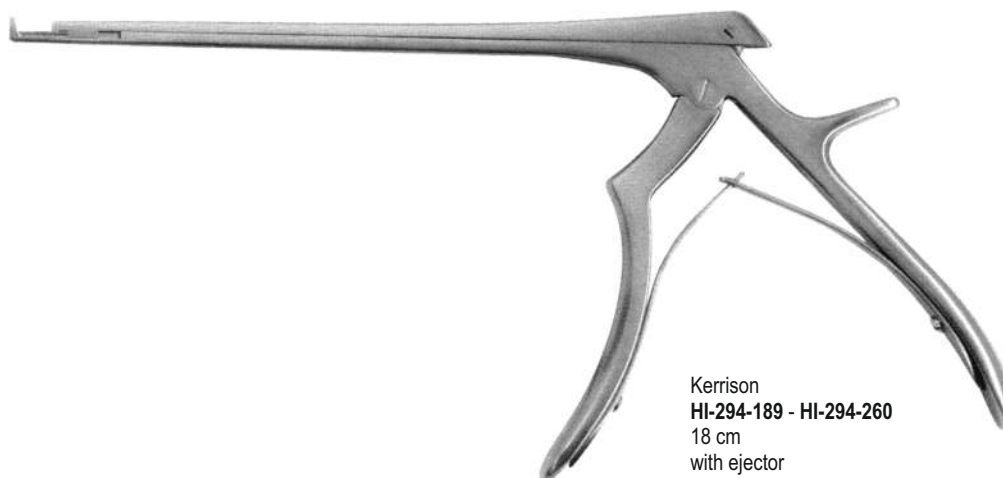
All sizes are also available in thin footplate

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

Length of shaft
180 mm

Length of shaft
200 mm

Length of shaft
230 mm

HI-294-189

HI-294-195

HI-294-201

HI-294-207

HI-294-213

HI-294-219

HI-294-190

HI-294-196

HI-294-202

HI-294-208

HI-294-214

HI-294-220

HI-294-191

HI-294-197

HI-294-203

HI-294-209

HI-294-215

HI-294-221

HI-294-192

HI-294-198

HI-294-204

HI-294-210

HI-294-216

HI-294-222

HI-294-193

HI-294-199

HI-294-205

HI-294-211

HI-294-217

HI-294-223

HI-294-194

HI-294-200

HI-294-206

HI-294-212

HI-294-218

HI-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

Length of shaft
180 mm

Length of shaft
200 mm

Length of shaft
230 mm

HI-294-225

HI-294-231

HI-294-237

HI-294-243

HI-294-249

HI-294-255

HI-294-226

HI-294-232

HI-294-238

HI-294-244

HI-294-250

HI-294-256

HI-294-227

HI-294-233

HI-294-239

HI-294-245

HI-294-251

HI-294-257

HI-294-228

HI-294-234

HI-294-240

HI-294-246

HI-294-252

HI-294-258

HI-294-229

HI-294-235

HI-294-241

HI-294-247

HI-294-253

HI-294-259

HI-294-230

HI-294-236

HI-294-242

HI-294-248

HI-294-254

HI-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

HI-295-261

HI-295-267

HI-295-273

HI-295-262

HI-295-268

HI-295-274

HI-295-263

HI-295-269

HI-295-275

HI-295-264

HI-295-270

HI-295-276

HI-295-265

HI-295-271

HI-295-277

HI-295-266

HI-295-272

HI-295-278

Length of shaft
180 mm

Length of shaft
200 mm

Length of shaft
230 mm

HI-295-279

HI-295-285

HI-295-291

HI-295-280

HI-295-286

HI-295-292

HI-295-281

HI-295-287

HI-295-294

HI-295-282

HI-295-288

HI-295-295

HI-295-283

HI-295-289

HI-295-596

HI-295-284

HI-295-290

HI-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

HI-295-298

HI-295-304

HI-295-310

HI-295-299

HI-295-305

HI-295-311

HI-295-300

HI-295-306

HI-295-312

HI-295-301

HI-295-307

HI-295-313

HI-295-302

HI-295-308

HI-295-314

HI-295-303

HI-295-309

HI-295-315

Length of shaft
180 mm

Length of shaft
200 mm

Length of shaft
230 mm

HI-295-316

HI-295-322

HI-295-328

HI-295-317

HI-295-323

HI-295-329

HI-295-318

HI-295-324

HI-295-330

HI-295-319

HI-295-325

HI-295-331

HI-295-320

HI-295-326

HI-295-332

HI-295-321

HI-295-327

HI-295-333

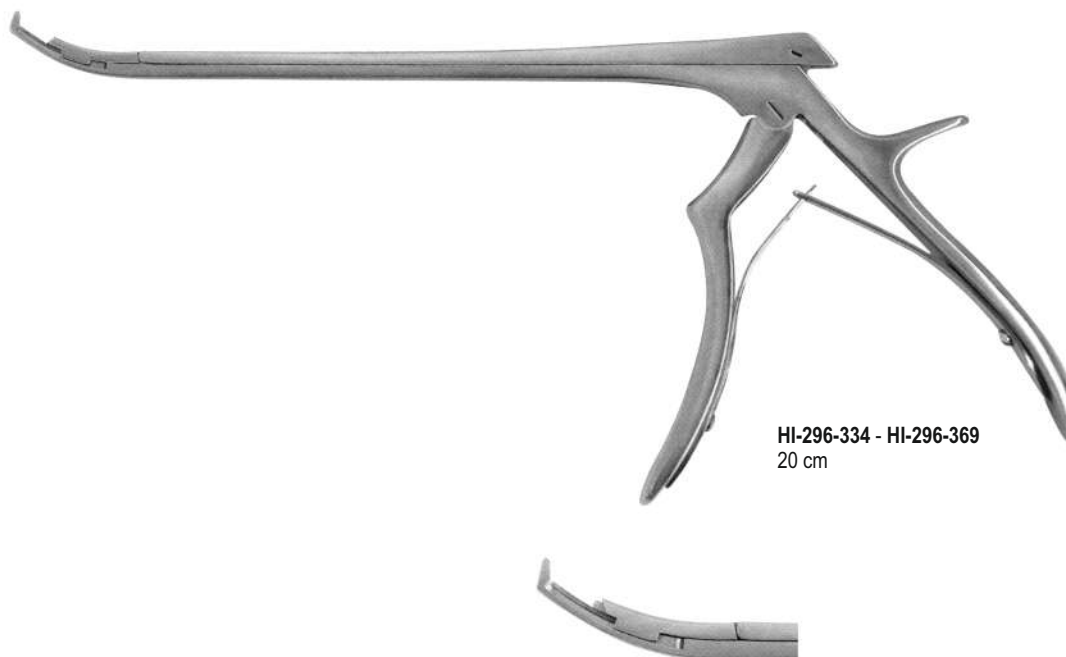
All sizes are also available in thin footplate

Laminectomy Punches

Laminektomie Stanzen

Socos de laminectomia

Punzones de laminectomía



HI-296-334 - HI-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
HI-296-334	HI-296-340	HI-296-346	with ejector
HI-296-335	HI-296-341	HI-296-347	with ejector
HI-296-336	HI-296-342	HI-296-348	with ejector
HI-296-337	HI-296-343	HI-296-349	with ejector
HI-296-338	HI-296-344	HI-296-350	with ejector
HI-296-339	HI-296-345	HI-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°)

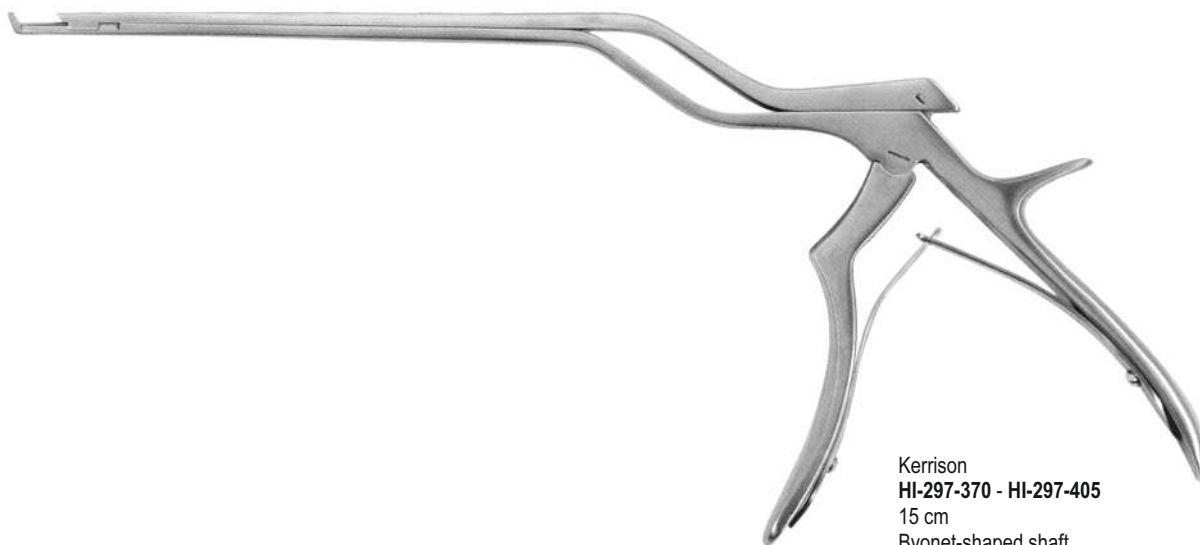


Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm	Foraminotomy Punches
HI-296-352	HI-296-358	HI-296-364	with ejector
HI-296-353	HI-296-359	HI-296-365	with ejector
HI-296-354	HI-296-360	HI-296-366	with ejector
HI-296-355	HI-296-361	HI-296-367	with ejector
HI-296-356	HI-296-362	HI-296-368	with ejector
HI-296-357	HI-296-363	HI-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
HI-297-370 - HI-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
HI-297-370	HI-297-376	HI-297-382	with ejector
HI-297-371	HI-297-377	HI-297-383	with ejector
HI-297-372	HI-297-378	HI-297-384	with ejector
HI-297-373	HI-297-379	HI-297-385	with ejector
HI-297-374	HI-297-380	HI-297-386	with ejector
HI-297-375	HI-297-381	HI-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
HI-297-388	HI-297-394	HI-297-400	with ejector
HI-297-389	HI-297-395	HI-297-401	with ejector
HI-297-390	HI-297-396	HI-297-402	with ejector
HI-297-391	HI-297-397	HI-297-403	with ejector
HI-297-392	HI-297-398	HI-297-404	with ejector
HI-297-393	HI-297-399	HI-297-405	with ejector

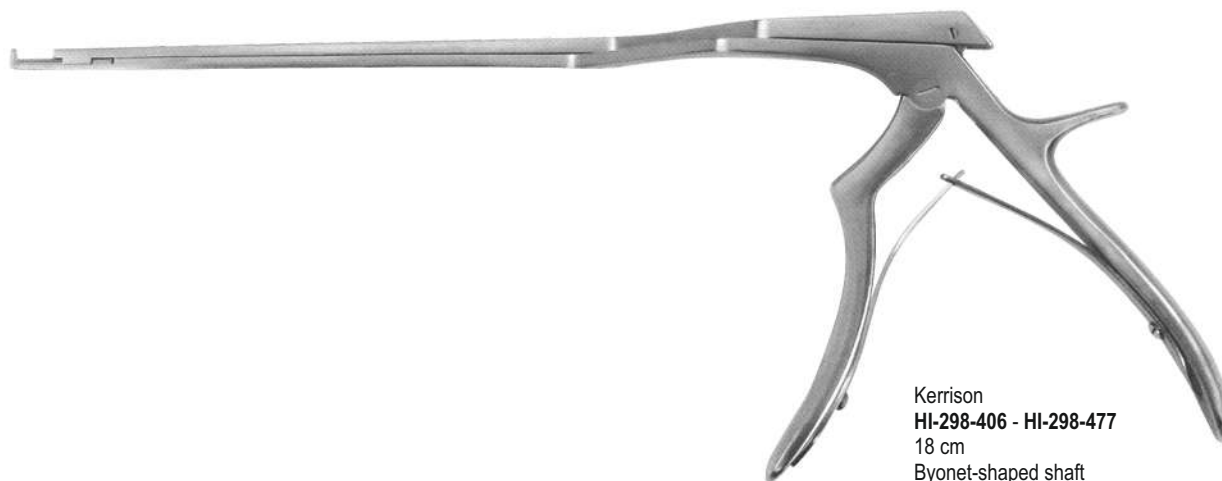
All sizes are also available in thin footplate and black coating

Laminectomy Punches

Laminektomie Stanzen

Socos de laminectomia

Punzones de laminectomía



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
HI-298-406	HI-298-412	HI-298-418	HI-298-424	HI-298-430	HI-298-436
HI-298-407	HI-298-413	HI-298-419	HI-298-425	HI-298-431	HI-298-437
HI-298-408	HI-298-414	HI-298-420	HI-298-426	HI-298-432	HI-298-438
HI-298-409	HI-298-415	HI-298-421	HI-298-427	HI-298-433	HI-298-439
HI-298-410	HI-298-416	HI-298-422	HI-298-428	HI-298-434	HI-298-440
HI-298-411	HI-298-417	HI-298-423	HI-298-429	HI-298-435	HI-298-441

90°

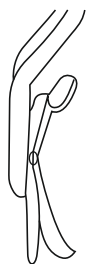


130° (40°)



Down

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm



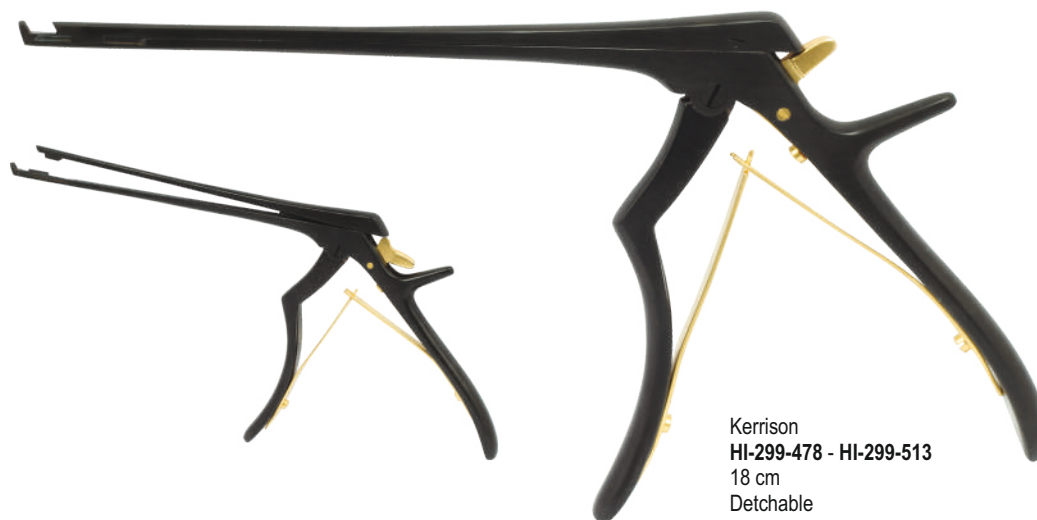
Bayonet right

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
HI-298-442	HI-298-448	HI-298-454	HI-298-460	HI-298-466	HI-298-472
HI-298-443	HI-298-449	HI-298-455	HI-298-461	HI-298-467	HI-298-473
HI-298-444	HI-298-450	HI-298-456	HI-298-462	HI-298-468	HI-298-474
HI-298-445	HI-298-451	HI-298-457	HI-298-463	HI-298-469	HI-298-475
HI-298-446	HI-298-452	HI-298-458	HI-298-464	HI-298-470	HI-298-476
HI-298-447	HI-298-453	HI-298-459	HI-298-465	HI-298-471	HI-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
HI-299-478	HI-299-484	HI-299-490
HI-299-479	HI-299-485	HI-299-491
HI-299-480	HI-299-486	HI-299-492
HI-299-481	HI-299-487	HI-299-493
HI-299-482	HI-299-488	HI-299-494
HI-299-483	HI-299-489	HI-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
HI-299-496	HI-299-502	HI-299-508
HI-299-497	HI-299-503	HI-299-509
HI-299-498	HI-299-504	HI-299-510
HI-299-499	HI-299-505	HI-299-511
HI-299-500	HI-299-506	HI-299-512
HI-299-501	HI-299-507	HI-299-513

All sizes are also available in thin footplate

Laminectomy Punches

Laminektomie Stanzen

Socos de laminectomia

Punzones de laminectomía



Kerrison
HI-300-514 - HI-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
HI-300-514	HI-300-520	HI-300-526
HI-300-515	HI-300-521	HI-300-527
HI-300-516	HI-300-522	HI-300-528
HI-300-517	HI-300-523	HI-300-529
HI-300-518	HI-300-524	HI-300-530
HI-300-519	HI-300-525	HI-300-531

90°



Up

-  1 mm
-  2 mm
-  3 mm
-  4 mm
-  5 mm
-  6 mm

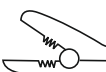
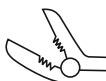
Length of shaft 180 mm	Length of shaft 200 mm	Length of shaft 230 mm
HI-300-532	HI-300-538	HI-300-544
HI-300-533	HI-300-539	HI-300-545
HI-300-534	HI-300-540	HI-300-546
HI-300-535	HI-300-541	HI-300-547
HI-300-536	HI-300-542	HI-300-548
HI-300-537	HI-300-543	HI-300-549

All sizes are also available in thin footplate and black coating

Working Length	Jaw	  		
		Straight	Upwards	Downwards
2 mm	16 cm	HI-301-550	HI-301-560	HI-301-570
	18 cm	HI-301-551	HI-301-561	HI-301-571
2.5 mm	16 cm	HI-301-552	HI-301-562	HI-301-572
	18 cm	HI-301-553	HI-301-563	HI-301-573
3 mm	16 cm	HI-301-554	HI-301-564	HI-301-574
	18 cm	HI-301-555	HI-301-565	HI-301-575
4 mm	16 cm	HI-301-556	HI-301-566	HI-301-576
	18 cm	HI-301-557	HI-301-567	HI-301-577
5 mm	16 cm	HI-301-558	HI-301-568	HI-301-578
	18 cm	HI-301-559	HI-301-569	HI-301-579

Fenestrated jaw, serrated

Caspar
HI-301-550 - HI-301-579

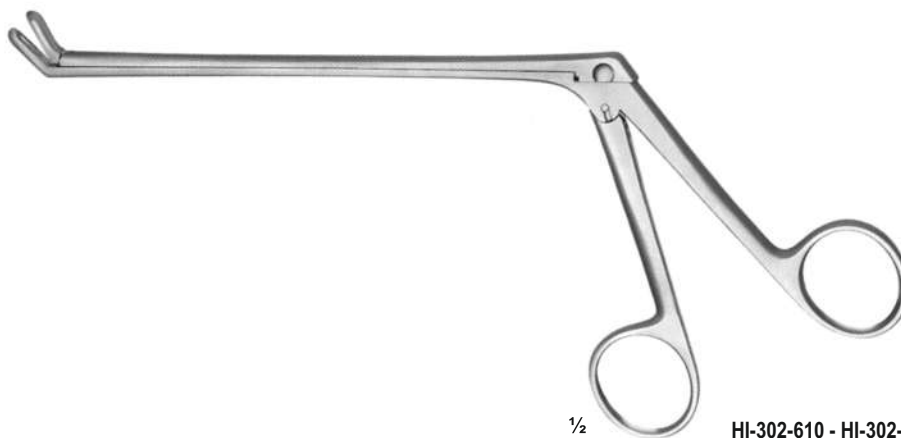
Working Length	Jaw	  		
		Straight	Upwards	Downwards
2 mm	16 cm	HI-301-580	HI-301-590	HI-301-600
	18 cm	HI-301-581	HI-301-591	HI-301-601
2.5 mm	16 cm	HI-301-582	HI-301-592	HI-301-602
	18 cm	HI-301-583	HI-301-593	HI-301-603
3 mm	16 cm	HI-301-584	HI-301-594	HI-301-604
	18 cm	HI-301-585	HI-301-595	HI-301-605
4 mm	16 cm	HI-301-586	HI-301-596	HI-301-606
	18 cm	HI-301-587	HI-301-597	HI-301-607
5 mm	16 cm	HI-301-588	HI-301-598	HI-301-608
	18 cm	HI-301-589	HI-301-599	HI-301-609

Fenestrated jaw, serrated

Caspar
HI-301-580 - HI-301-609

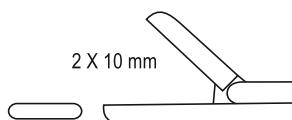
All sizes are also available in black coating

Rongeurs

Nagetierte
roedores
roedores


1/2

HI-302-610 - HI-302-636



2 X 10 mm

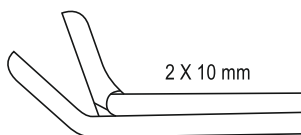
Cushing

HI-302-610 12 cm

HI-302-611 15 cm

HI-302-612 18 cm

Straight



2 X 10 mm

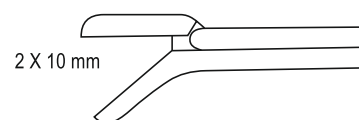
Cushing

HI-302-613 12 cm

HI-302-614 15 cm

HI-302-615 18 cm

Upwards



2 X 10 mm

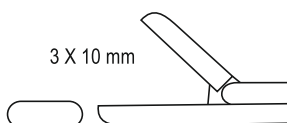
Cushing

HI-302-616 12 cm

HI-302-617 15 cm

HI-302-618 18 cm

Downwards



3 X 10 mm

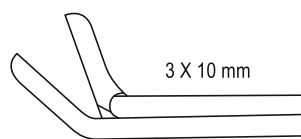
Love-Gruenwald

HI-302-619 12 cm

HI-302-620 15 cm

HI-302-621 18 cm

Straight



3 X 10 mm

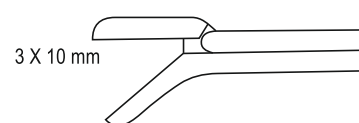
Love-Gruenwald

HI-302-622 12 cm

HI-302-623 15 cm

HI-302-624 18 cm

Upwards



3 X 10 mm

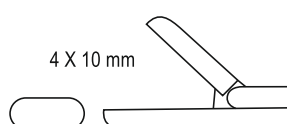
Love-Gruenwald

HI-302-625 12 cm

HI-302-626 15 cm

HI-302-627 18 cm

Downwards



4 X 10 mm

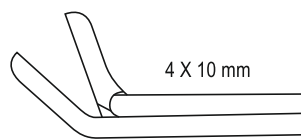
Spurling

HI-302-628 12 cm

HI-302-629 15 cm

HI-302-630 18 cm

Straight



4 X 10 mm

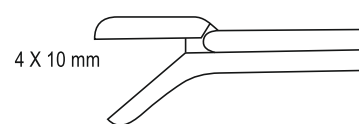
Spurling

HI-302-631 12 cm

HI-302-632 15 cm

HI-302-633 18 cm

Upwards



4 X 10 mm

Spurling

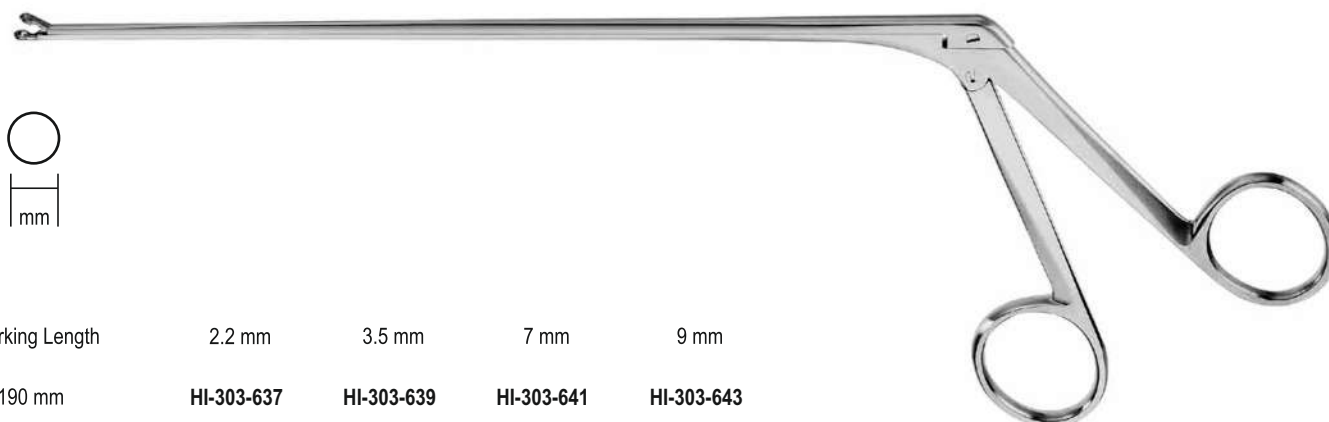
HI-302-634 12 cm

HI-302-635 15 cm

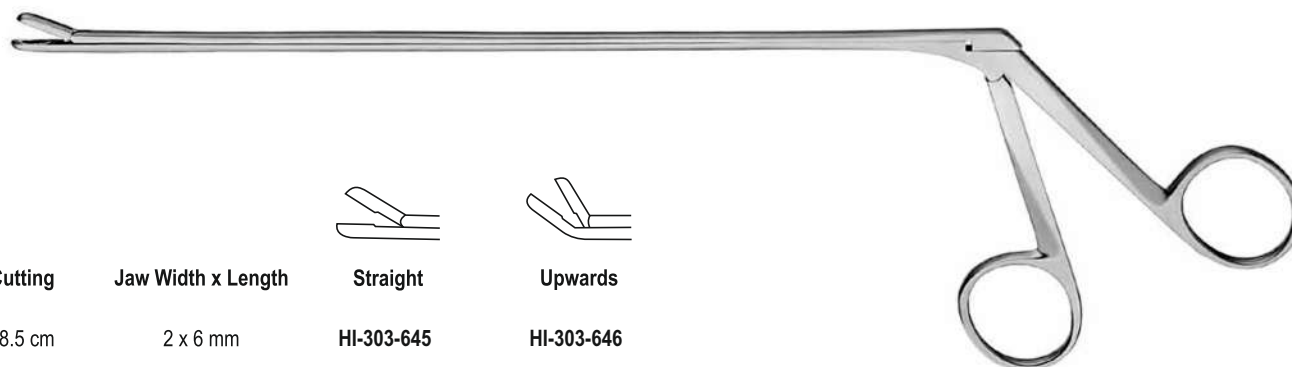
HI-302-636 18 cm

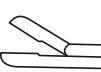
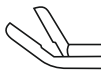
Downwards

All sizes are also available in black coating



Working Length	2.2 mm	3.5 mm	7 mm	9 mm
190 mm	HI-303-637	HI-303-639	HI-303-641	HI-303-643
140 mm	HI-303-638	HI-303-640	HI-303-642	HI-303-644

Oldberg
HI-303-637 - HI-303-644

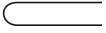
Cutting	Jaw Width x Length	 Straight	 Upwards
18.5 cm	2 x 6 mm	HI-303-645	HI-303-646

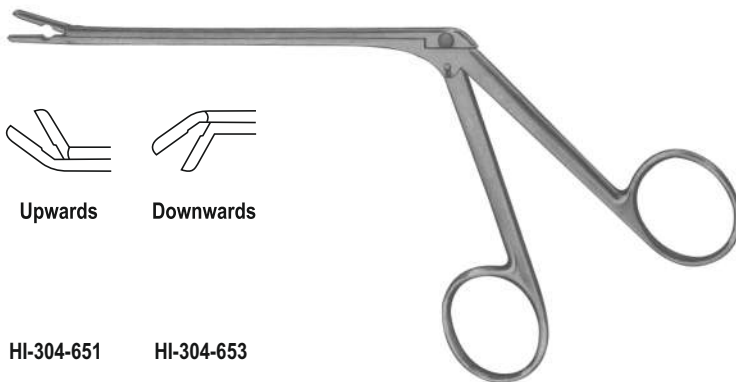
Decker
HI-303-645 - HI-303-646
Micro disc rongeur

All sizes are also available in black coating

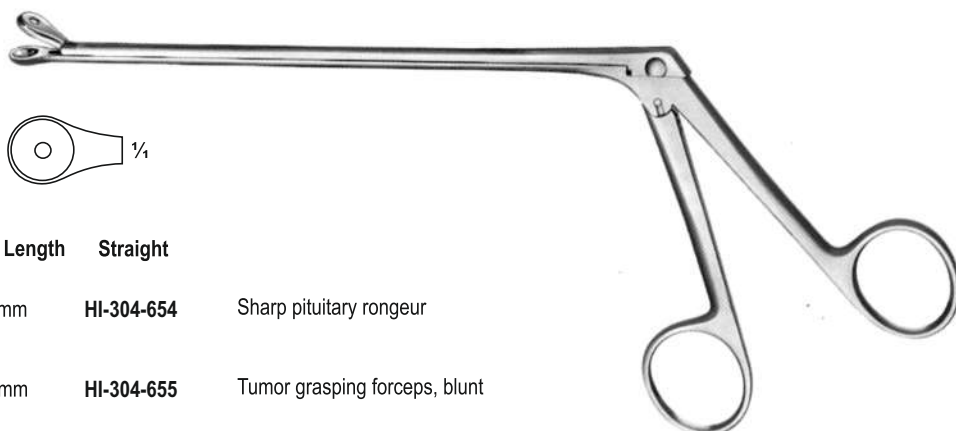
Rongeurs

Nagetiere
roedores
roedores

Jaw		Working Length		Straight	Upwards	Downwards
	2 mm	Beck	130 mm	HI-304-647		
	3 mm	St. Barts	114 mm	HI-304-648	HI-304-651	HI-304-653
	3 mm	Takahashi	120 mm	HI-304-649	HI-304-652	
	3 mm	Penny-Backer	120 mm	HI-304-650		


Takahashi
HI-304-647 - HI-304-653

Jaw		Working Length		Straight	
	2.2 mm	190 mm	HI-304-654	Sharp pituitary rongeur	
	9 mm	200 mm	HI-304-655	Tumor grasping forceps, blunt	


Landolt
HI-304-654 - HI-304-655

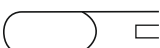
Jaw		Working Length		Straight	
	3.5 mm	190 mm	HI-304-656	Sharp pituitary rongeur	


Yasargil
HI-304-656

All sizes are also available in black coating

	Jaw	Working Length	 Straight	 Upwards
	2 mm	120 mm	HI-305-657	HI-305-665
	2.5 mm	120 mm	HI-305-658	HI-305-666
	3 mm	120 mm	HI-305-659	HI-305-667
	3.5 mm	120 mm	HI-305-660	HI-305-668
	4 mm	120 mm	HI-305-661	HI-305-669
	4.5 mm	120 mm	HI-305-662	HI-305-670
	5 mm	120 mm	HI-305-663	HI-305-671
	6 mm	120 mm	HI-305-664	HI-305-672

Weil-Blakesley
HI-305-657 - HI-305-672

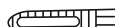
	Jaw	Working Length	Straight	Upwards
	5.3 mm	255 mm	HI-305-673	HI-305-676
	5.5 mm	210 mm	HI-305-674	HI-305-677
	5.8 mm	255 mm	HI-305-675	HI-305-678

Wagner
HI-305-673 - HI-305-678

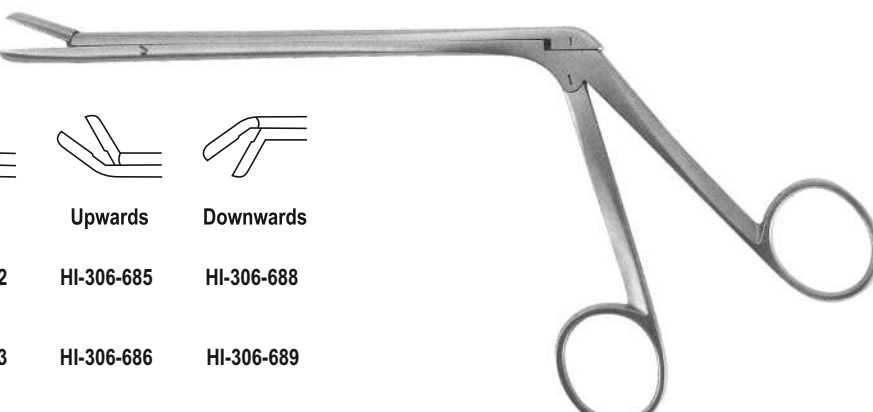
All sizes are also available in black coating

Rongeurs

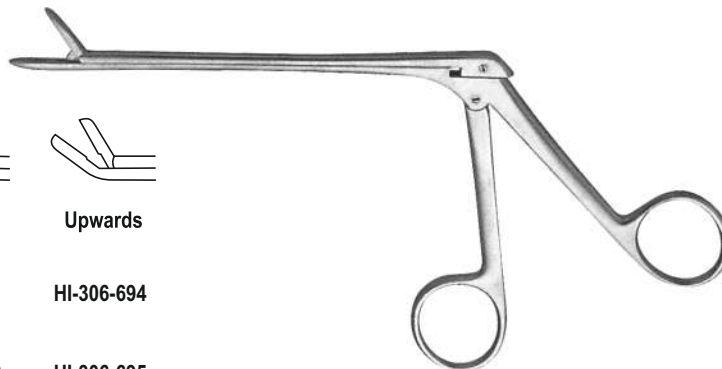
Nagetierte
roedores
roedores

	Jaw	Working Length	Straight	
	2 x 10 mm	130 mm	HI-306-679	
	3 x 10 mm	130 mm	HI-306-680	
	4 x 10 mm	130 mm	HI-306-681	

Schlesinger
HI-306-679 - HI-306-681

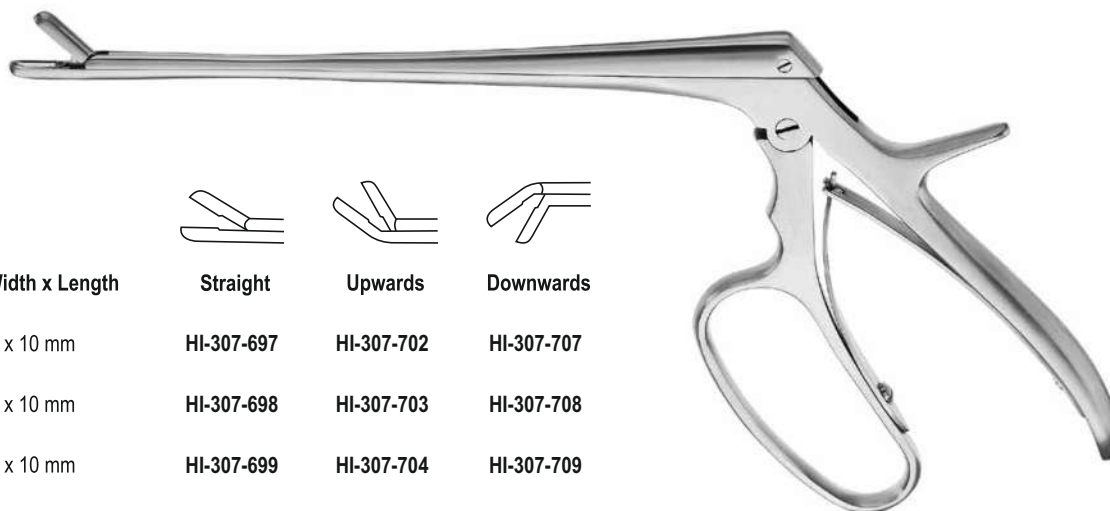
	Jaw	Working Length	Straight	Upwards	Downwards	
	6 x 10 mm	120 mm	HI-306-682	HI-306-685	HI-306-688	
	6 x 10 mm	150 mm	HI-306-683	HI-306-686	HI-306-689	
	6 x 10 mm	180 mm	HI-306-684	HI-306-687	HI-306-690	

Cloward
HI-306-682 - HI-306-690

	Jaw	Working Length	Straight	Upwards	
	3 x 8 mm	130 mm 170 mm	HI-306-691	HI-306-694	
	4 x 10 mm	130 mm 170 mm	HI-306-692	HI-306-695	
	5 x 12 mm	130 mm 170 mm	HI-306-693	HI-306-696	

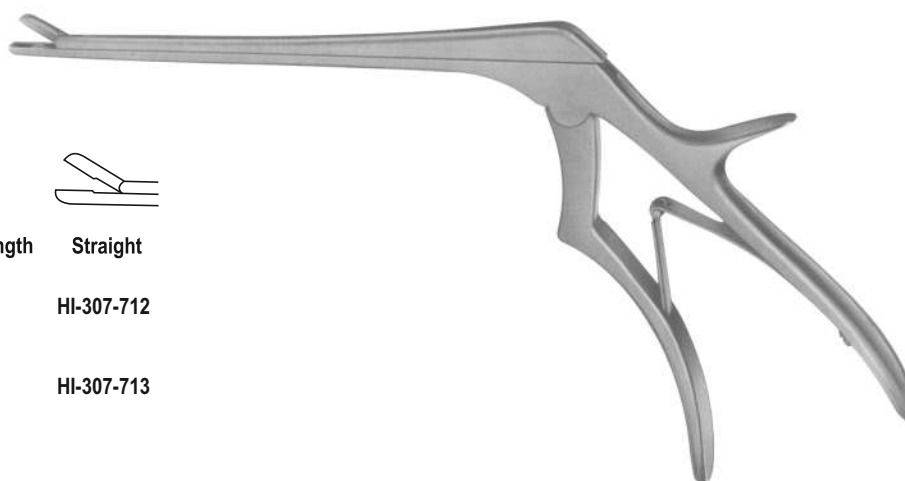
Wilde
HI-306-691 - HI-306-696

All sizes are also available in black coating



	Working Length	Jaw Width x Length	 Straight	 Upwards	 Downwards
	180 mm	2 x 10 mm	HI-307-697	HI-307-702	HI-307-707
	180 mm	3 x 10 mm	HI-307-698	HI-307-703	HI-307-708
	180 mm	4 x 10 mm	HI-307-699	HI-307-704	HI-307-709
	180 mm	5 x 10 mm	HI-307-700	HI-307-705	HI-307-710
	180 mm	6 x 10 mm	HI-307-701	HI-307-706	HI-307-711

Ferris-Smith
HI-307-697 - HI-307-711



	Jaw		Working Length	 Straight
	3 mm	Caspar	130 mm	HI-307-712
	4 mm	Caspar	145 mm 180 mm 220 mm	HI-307-713
	5.5 mm	Wagner	220 mm	HI-307-714

Caspar
HI-307-712 - HI-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

HI-308-715

Transverse Retractor hinged
65 mm regular spread
11 cm wide spread


Caspar

HI-308-716

Transverse Retractor double-hinged
65 mm spread


Caspar

HI-308-717

Longitudinal Retractor double-hinged,
ring handle
20.5 cm 85 mm spread


Caspar

HI-308-718

Specula Retractor single-hinged,
11.5 cm
70 mm regular spread

HI-308-719 - HI-308-726
HI-308-719 23 x 35 mm
HI-308-720 23 x 40 mm
HI-308-721 23 x 45 mm
HI-308-722 23 x 50 mm
HI-308-723 23 x 55 mm
HI-308-724 23 x 60 mm
HI-308-725 23 x 65 mm
HI-308-726 23 x 70 mm

Medial Toothed Blades
Stainless Steel

HI-308-727 - HI-308-731
HI-308-727 15 x 40 mm
HI-308-728 15 x 45 mm
HI-308-729 15 x 50 mm
HI-308-730 15 x 55 mm
HI-308-731 15 x 60 mm

Small Lateral Blades
Stainless Steel

HI-308-732 - HI-308-738
HI-308-732 23 x 40 mm
HI-308-733 23 x 45 mm
HI-308-734 23 x 50 mm
HI-308-735 23 x 55 mm
HI-308-736 23 x 60 mm
HI-308-737 23 x 65 mm
HI-308-738 23 x 70 mm

Lateral Serrated Blades
Stainless Steel


Cervical Blades

Stainless Steel – fenestrated

HI-308-739 - HI-308-740
HI-308-739 25 x 50 mm
HI-308-740 25 x 60 mm

HI-308-741 - HI-308-749
HI-308-741 23 x 35 mm
HI-308-742 23 x 40 mm
HI-308-743 23 x 45 mm
HI-308-744 23 x 50 mm
HI-308-745 23 x 55 mm
HI-308-746 23 x 60 mm
HI-308-747 23 x 65 mm
HI-308-748 23 x 70 mm
HI-308-749 23 x 75 mm

Blunt Blades
Stainless Steel

HI-308-750 - HI-308-754
HI-308-750 23 x 40 mm
HI-308-751 23 x 45 mm
HI-308-752 23 x 50 mm
HI-308-753 23 x 55 mm
HI-308-754 23 x 60 mm

Medial Toothed Blades
Aluminium – rotating

HI-308-755 - HI-308-759
HI-308-755 23 x 40 mm
HI-308-756 23 x 45 mm
HI-308-757 23 x 50 mm
HI-308-758 23 x 55 mm
HI-308-759 23 x 60 mm

Lateral Serrated Blades
Aluminium – rotating

HI-308-760 - HI-308-764
HI-308-760 23 x 45 mm
HI-308-761 23 x 50 mm
HI-308-762 3 x 55 mm
HI-308-763 23 x 60 mm
HI-308-764 23 x 65 mm

Blunt Blades
Aluminium – rotating

Retractors For Cervical Vertebral Column

Reaktoren für Halswirbelsäule
Retradores Para Columna Vertebral Cervical
Retradores para Columna Vertebral Cervical



Transverse Retractor hinged
HI-309-765
65 mm spread



Specula Retractor
HI-309-766
single-hinged
11.5 cm,
70 mm spread



Longitudinal Retractor
HI-309-767
single-hinged ring handle
17.5 cm
70 mm spread



HI-309-768 - HI-309-775
HI-309-768 20 x 40 mm
HI-309-769 20 x 45 mm
HI-309-770 20 x 50 mm
HI-309-771 20 x 55 mm
HI-309-772 20 x 60 mm
HI-309-773 20 x 65 mm
HI-309-774 20 x 70 mm
HI-309-775 20 x 75 mm
Medial Toothed Blades



HI-309-776 - HI-309-786
HI-309-776 20 x 25 mm
HI-309-777 20 x 30 mm
HI-309-778 20 x 35 mm
HI-309-779 20 x 40 mm
HI-309-780 20 x 45 mm
HI-309-781 20 x 50 mm
HI-309-782 20 x 55 mm
HI-309-783 20 x 60 mm
HI-309-784 20 x 65 mm
HI-309-785 20 x 70 mm
HI-309-786 20 x 75 mm
Lateral Serrated Blades



HI-309-787 - HI-309-796
HI-309-787 20 x 30 mm
HI-309-788 20 x 35 mm
HI-309-789 20 x 40 mm
HI-309-790 20 x 45 mm
HI-309-791 20 x 50 mm
HI-309-792 20 x 55 mm
HI-309-793 20 x 60 mm
HI-309-794 20 x 65 mm
HI-309-795 20 x 70 mm
HI-309-796 20 x 75 mm



HI-309-797 - HI-309-804
HI-309-797 20 x 35 mm
HI-309-798 20 x 40 mm
HI-309-799 20 x 45 mm
HI-309-800 20 x 50 mm
HI-309-801 20 x 55 mm
HI-309-802 20 x 60 mm
HI-309-803 20 x 65 mm
HI-309-804 20 x 70 mm
Medial Toothed Blades
fenestrated



HI-309-805 - HI-309-814
HI-309-805 20 x 25 mm
HI-309-806 20 x 30 mm
HI-309-807 20 x 35 mm
HI-309-808 20 x 40 mm
HI-309-809 20 x 45 mm
HI-309-810 20 x 50 mm
HI-309-811 20 x 55 mm
HI-309-812 20 x 60 mm
HI-309-813 20 x 65 mm
HI-309-814 20 x 70 mm
Lateral Serrated Blades
Fenestrated



HI-309-815 - HI-309-823
HI-309-815 20 x 35 mm
HI-309-816 20 x 40 mm
HI-309-817 20 x 45 mm
HI-309-818 20 x 50 mm
HI-309-819 20 x 55 mm
HI-309-820 20 x 60 mm
HI-309-821 20 x 65 mm
HI-309-822 20 x 70 mm
HI-309-823 20 x 75 mm
Blunt Blades Fenestrated

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule

Retratores Para Coluna Vertebral Cervical

Retractores para Columna Vertebral Cervical



Transverse Retractor
HI-310-824
Hinged spreading
60 mm



Transverse Retractor
HI-310-825
Double-hinged spreading
65 mm



Transverse Retractor
HI-310-826
17.5 cm
single-hinged ring handle
spreading
70 mm



Transverse Retractor
HI-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



HI-311-828 - HI-311-834

HI-311-828	12 x 40 mm
HI-311-829	12 x 45 mm
HI-311-830	12 x 50 mm
HI-311-831	12 x 55 mm
HI-311-832	12 x 60 mm
HI-311-833	12 x 65 mm
HI-311-834	12 x 75 mm

Small Lateral Serrated
Blades PEEK



HI-311-835 - HI-311-841

HI-311-835	23 x 40 mm
HI-311-836	23 x 45 mm
HI-311-837	23 x 50 mm
HI-311-838	23 x 55 mm
HI-311-839	23 x 60 mm
HI-311-840	23 x 65 mm
HI-311-841	23 x 75 mm

Lateral Serrated Blades
PEEK



HI-311-842 - HI-311-847

HI-311-842	23 x 40 mm
HI-311-843	23 x 45 mm
HI-311-844	23 x 55 mm
HI-311-845	23 x 60 mm
HI-311-846	23 x 65 mm
HI-311-847	23 x 75 mm

Blunt Blades PEEK



HI-311-848 - HI-311-854

HI-311-848	23 x 40 mm
HI-311-849	23 x 45 mm
HI-311-850	23 x 50 mm
HI-311-851	23 x 55 mm
HI-311-852	23 x 60 mm
HI-311-853	23 x 65 mm
HI-311-854	23 x 75 mm

Medial Toothed Blades
PEEK



HI-311-855 - HI-311-861

HI-311-855	23 x 40 mm
HI-311-856	23 x 45 mm
HI-311-857	23 x 50 mm
HI-311-858	23 x 55 mm
HI-311-859	23 x 60 mm
HI-311-860	23 x 65 mm
HI-311-861	23 x 75 mm

Lateral Serrated Blades
PEEK – rotating



HI-311-862 - HI-311-868

HI-311-862	23 x 40 mm
HI-311-863	23 x 45 mm
HI-311-864	23 x 50 mm
HI-311-865	23 x 55 mm
HI-311-866	23 x 60 mm
HI-311-867	23 x 65 mm
HI-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
HI-312-869
Double-hinged
quick connect 72 mm spread, side-loading



Specula Retractor
HI-312-870
11.5 cm
Single-hinged,
quick connect side-loading
spreading 70 mm



Longitudinal Retractor
HI-312-871
18.5 cm
Double-hinged,
ring handle, quick connect side-loading
spreading 75 mm



Quick
HI-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

**HI-313-873 - HI-313-877****HI-313-873** 23 x 40 mm**HI-313-874** 23 x 45 mm**HI-313-875** 23 x 50 mm**HI-313-876** 23 x 55 mm**HI-313-877** 23 x 60 mm

Medial Toothed Blades

Stainless Steel

quick connect

**HI-313-878 - HI-313-882****HI-313-878** 23 x 40 mm**HI-313-879** 23 x 45 mm**HI-313-880** 23 x 50 mm**HI-313-881** 23 x 55 mm**HI-313-882** 23 x 60 mm

Lateral Serrated Blades

Stainless Steel

quick connect

**HI-313-883 - HI-313-887****HI-313-883** 23 x 45 mm**HI-313-884** 23 x 50 mm**HI-313-885** 23 x 55 mm**HI-313-886** 23 x 60 mm**HI-313-887** 23 x 65 mm

Blunt Blades

Stainless Steel

quick connect

**HI-313-888 - HI-313-892****HI-313-888** 23 x 40 mm**HI-313-889** 23 x 45 mm**HI-313-890** 23 x 50 mm**HI-313-891** 23 x 55 mm**HI-313-892** 23 x 60 mm

Medial Toothed Blades

Titanium

quick connect

**HI-313-893 - HI-313-897****HI-313-893** 23 x 40 mm**HI-313-894** 23 x 45 mm**HI-313-895** 23 x 50 mm**HI-313-896** 23 x 55 mm**HI-313-897** 23 x 60 mm

Lateral Serrated Blades

Titanium

quick connect

**HI-313-898 - HI-313-902****HI-313-898** 23 x 45 mm**HI-313-899** 23 x 50 mm**HI-313-900** 23 x 55 mm**HI-313-901** 23 x 60 mm**HI-313-902** 23 x 65 mm

Blunt Blades

Titanium

quick connect

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule

Retradores Para Coluna Vertebral Cervical

Retractores para Columna Vertebral Cervical



HI-314-903



HI-314-904



HI-314-905



HI-314-906



HI-314-907



HI-314-908



HI-314-909



HI-314-910



HI-314-911



HI-314-912

Caspar Cervical Spine Retractor

HI-314-903 - HI-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

HI-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
HI-315-914 - HI-315-929

For micro surgical treatment of
herniated lumbar discs
spreading
45 mm

Frame only, hinged

**HI-315-914 - HI-315-922**

HI-315-914	35 mm
HI-315-915	40 mm
HI-315-916	45 mm
HI-315-917	50 mm
HI-315-918	55 mm
HI-315-919	60 mm
HI-315-920	65 mm
HI-315-921	75 mm
HI-315-922	85 mm

Lateral Blades

**HI-315-923 - HI-315-929**

HI-315-923	40 mm
HI-315-924	45 mm
HI-315-925	50 mm
HI-315-926	55 mm
HI-315-927	60 mm
HI-315-928	65 mm
HI-315-929	70 mm

Paraspinal blade



Lumbar Speculum

HI-315-930 - HI-315-939

HI-315-930	40 mm
HI-315-931	45 mm
HI-315-932	50 mm
HI-315-933	55 mm
HI-315-934	60 mm
HI-315-935	65 mm
HI-315-936	70 mm
HI-315-937	75 mm
HI-315-938	80 mm
HI-315-939	85 mm

Fenestrated

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule

Retratores Para Coluna Vertebral Cervical

Retradores para Columna Vertebral Cervical



HI-316-944 - HI-316-949

HI-316-944	20 x 30 mm
HI-316-945	20 x 40 mm
HI-316-946	20 x 50 mm
HI-316-947	20 x 60 mm
HI-316-948	20 x 70 mm
HI-316-949	20 x 80 mm

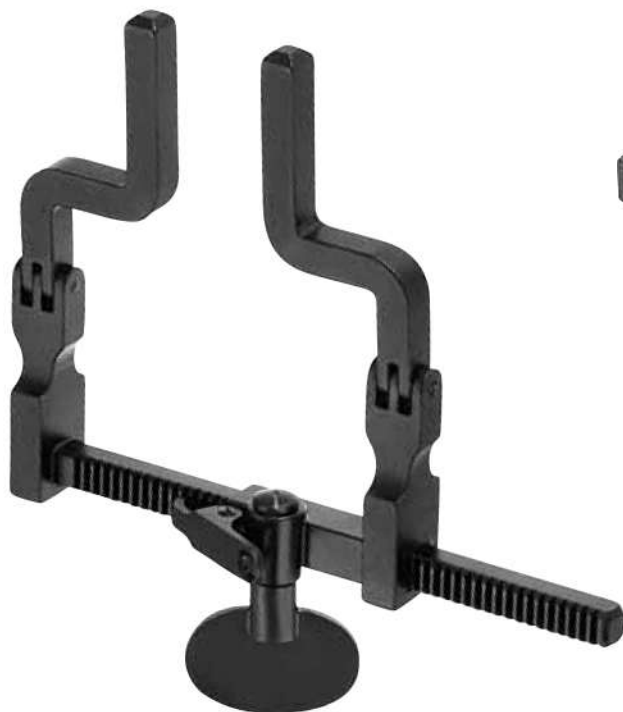
McCulloch 4-teeth
Narrow Muscle Blades



HI-316-950 - HI-316-955

HI-316-950	20 x 30 mm
HI-316-951	20 x 40 mm
HI-316-952	20 x 50 mm
HI-316-953	20 x 60 mm
HI-316-954	20 x 70 mm
HI-316-955	20 x 80 mm

McCulloch 6-teeth
Wide Muscle Blades



McCulloch Lumbar Spine Retractor for Microdiscectomy,
black silicone bead

HI-316-940	68 mm spread, hinged
HI-316-941	68 mm spread, rigid
HI-316-942	90 mm spread, rigid

McCulloch Lumbar Spine Retractor Tray

HI-316-943 Tray 265 x 265 mm for Container (not illustrated)

HI-316-940 - HI-316-980



HI-316-956 - HI-316-961

HI-316-956	20 x 30 mm
HI-316-957	20 x 40 mm
HI-316-958	20 x 50 mm
HI-316-959	20 x 60 mm
HI-316-960	20 x 70 mm
HI-316-961	20 x 80 mm

McCulloch 2-teeth
Thin Muscle Blades



HI-316-962 - HI-316-969

HI-316-962	20 mm
HI-316-963	30 mm
HI-316-964	40 mm
HI-316-965	50 mm
HI-316-966	60 mm
HI-316-967	70 mm
HI-316-968	80 mm
HI-316-969	90 mm

McCulloch Hook Blades



HI-316-970 - HI-316-977

HI-316-970	20 mm
HI-316-971	30 mm
HI-316-972	40 mm
HI-316-973	50 mm
HI-316-974	60 mm
HI-316-975	70 mm
HI-316-976	80 mm
HI-316-977	90 mm

McCulloch toothed
Hook Blades



HI-316-978 - HI-316-980

HI-316-978	20 x 50 mm
HI-316-979	20 x 60 mm
HI-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

HI-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

HI-317-983

Screw driver for spreading bar



Caspar

HI-317-984

Blade Changing Forceps
11.5 cm

HI-317-982 Frame only, 145 mm spread, hinged

**HI-317-985 - HI-317-986****HI-317-985** 38 mm**HI-317-986** 58 mm**HI-317-987 - HI-317-994****HI-317-987** 22 x 32 mm**HI-317-988** 22 x 37 mm**HI-317-989** 22 x 43 mm**HI-317-990** 22 x 47 mm**HI-317-991** 22 x 52 mm**HI-317-992** 22 x 57 mm**HI-317-993** 22 x 62 mm**HI-317-994** 22 x 67 mm**HI-317-995 - HI-317-1002****HI-317-995** 37 x 32 mm**HI-317-996** 37 x 37 mm**HI-317-997** 37 x 43 mm**HI-317-998** 37 x 47 mm**HI-317-999** 37 x 52 mm**HI-317-1000** 37 x 57 mm**HI-317-1001** 37 x 62 mm**HI-317-1002** 37 x 67 mm**HI-317-1003 - HI-317-1010****HI-317-1003** 57 x 32 mm**HI-317-1004** 57 x 37 mm**HI-317-1005** 57 x 43 mm**HI-317-1006** 57 x 47 mm**HI-317-1007** 57 x 52 mm**HI-317-1008** 57 x 57 mm**HI-317-1009** 57 x 62 mm**HI-317-1010** 57 x 67 mm

Retractors For Cervical Vertebral Column

Retraktoren für Halswirbelsäule

Retradores Para Coluna Vertebral Cervical

Retractores para Columna Vertebral Cervical



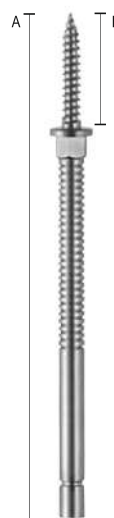
Caspar

HI-318-1011

Distractor only for use in surgical procedures from the left approach the right approach for the upper cervical spine

HI-318-1012

Distractor as above but with elongated toothed bar for multilevel (more than 2) distraction



Distraction Pin A/B

HI-318-1013 - HI-318-1016
HI-318-1013 66/12 mm

HI-318-1014 68/14 mm

HI-318-1015 70/16 mm

HI-318-1016 72/18 mm


Twist Drill

HI-318-1017


Drill guide

HI-318-1018


Screw Driver

HI-318-1019



Caspar

HI-319-1020

Distractor only for use in surgical procedures from the left approach the right approach for the upper cervical spine

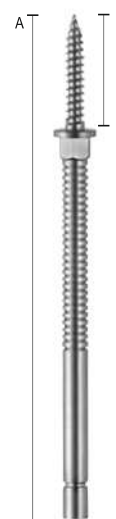
HI-319-1021

Distractor as above but with elongated toothed bar for multilevel (more than 2) distraction



Drill Guide

HI-319-1027



Distraction Pin A/B

HI-319-1022 - HI-319-1025

HI-319-1022 66/12 mm

HI-319-1023 68/14 mm

HI-319-1024 70/16 mm

HI-319-1025 72/18 mm



Twist Drill

HI-319-1026



Screw Driver

HI-319-1028

Vertebral and Lamina Spreaders

Vertebral- und Lamina-Spreizer

Espalhadores vertebrais e laminados

Esparcidores vertebrales y laminares



Cloward-Type
HI-320-1029
Vertebra Spreaders
13 cm
18 mm spread



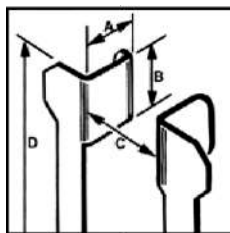
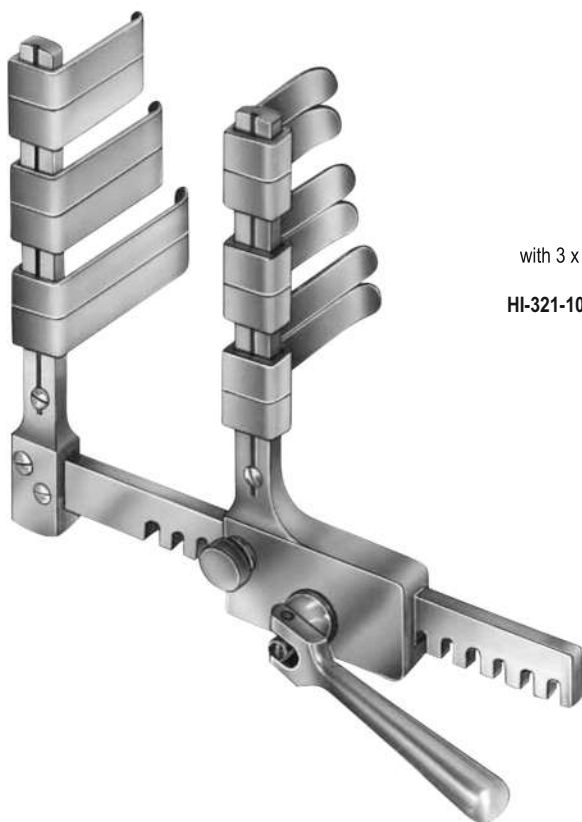
HI-320-1030
One pointed tip
7 cm arm
80 mm spread



Three pointed tips
HI-320-1031 - HI-320-1032
HI-320-1031
8.5 cm arm,
70 mm spread
HI-320-1032
10 cm arm
70 mm spread

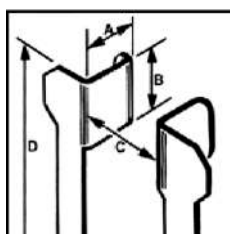
Laminectomy Spreaders

Laminektomie-Spreizer
Espalhadores de laminectomia
Esparcidores de laminectomía



with 3 x 2 pairs of movable blunt blades

	A	B	C	D
HI-321-1033	40 mm	12 mm	110 mm	132 mm
	50 mm	12 mm		
	65 mm	12 mm		



Badgley

	A	B	C	D
HI-321-1034	48 mm	45 mm	170 mm	110 mm



Retractors For Cervical Vertebral Column, Microdiscectomy Retractors

Retraktoren für Halswirbelsäule, Mikrodiskektomie Retraktoren

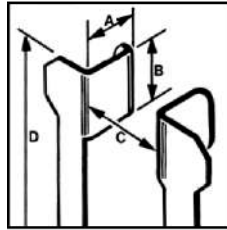
Retradores para columna vertebral cervical, retractor de microdiscectomia

Retradores para columna vertebral cervical, retractor de microdiscectomía



Scoville-Haverfield

	A	B	C	D
HI-322-1035	50 mm	35 mm	140 mm	140 mm
	50 mm	D = 5 mm		
with 1 each blade				
Frame only, hinged:				
HI-322-1036	--	--	140 mm	140 mm



3-prongs:

HI-322-1037 44 mm x 38 mm

4-prongs:

HI-322-1038 - HI-322-1042

HI-322-1038 41 mm x 38 mm

HI-322-1039 66 mm x 48 mm

HI-322-1040 48 mm x 51 mm

HI-322-1041 63 mm x 63 mm

HI-322-1042 82 mm x 58 mm



Toothed:

HI-322-1043 - HI-322-048

HI-322-1043 63 mm x 26 mm

HI-322-1044 66 mm x 30 mm

HI-322-1045 89 mm x 26 mm

HI-322-1046 51 mm x 51 mm

HI-322-1047 63 mm x 51 mm

HI-322-1048 76 mm x 51 mm



Hook-shaped, blunt:

HI-322-1049 - HI-322-1050

HI-322-1049 50 mm

HI-322-1050 75 mm



Williams

HI-322-1051 - HI-322-1056

for microsurgical treatment

of herniated discs left

17 cm

w = 10 mm

HI-322-1051 10 x 50 mm

HI-322-1052 10 x 60 mm

HI-322-1053 10 x 70 mm

w = 20 mm

HI-322-1054 20 x 50 mm

HI-322-1055 20 x 60 mm

HI-322-1056 20 x 70 mm



Williams

HI-322-1057 - HI-322-1062

for microsurgical treatment

of herniated discs right

17 cm

w = 10 mm

HI-322-1057 10 x 50 mm

HI-322-1058 10 x 60 mm

HI-322-1059 10 x 70 mm

w = 20 mm

HI-322-1060 20 x 50 mm

HI-322-1061 20 x 60 mm

HI-322-1062 20 x 70 mm

Cervical Spine Retractors

Cervical Spine Retraktoren
Retradores de Coluna Cervical
Retradores de columna cervical



Cloward-Type

HI-323-1063

25 cm

Cervical Retractor Set with
slide-lock complete with 14 blades**HI-323-1064** Retractor body only (without blades)**HI-323-1063 - HI-323-1064**

Cloward-Type

HI-323-1065

16 cm

Cervical Retractor Set with
slide-lock complete with 14 blades,**HI-323-1066** Retractor Body only (without blades)**HI-323-1065 - HI-323-1066****HI-323-1067 - HI-323-1073****HI-323-1067** 25 mm**HI-323-1068** 30 mm**HI-323-1069** 35 mm**HI-323-1070** 40 mm**HI-323-1071** 45 mm**HI-323-1072** 50 mm**HI-323-1073** 55 mm

Blunt

**HI-323-1074 - HI-323-1080****HI-323-1074** 25 mm**HI-323-1075** 30 mm**HI-323-1076** 35 mm**HI-323-1077** 40 mm**HI-323-1078** 45 mm**HI-323-1079** 50 mm**HI-323-1080** 55 mm

Blunt

Cervical Spine Retractors

Cervical Spine Retraktoren

Retradores de Coluna Cervical

Retradores de columna cervical

Exchangeable blades



1/2

Cloward-Type

HI-324-1081

HI-324-1081 - - HI-324-1092

25.5 cm

Cervical retractor

with ball closure, complete blades

110 mm spreading

HI-324-1082 Retractor body (without blades)



HI-324-1083 - HI-324-1087

HI-324-1083 15 x 40 mm

HI-324-1084 15 x 45 mm

HI-324-1085 15 x 50 mm

HI-324-1086 15 x 55 mm

HI-324-1087 15 x 60 mm

Serrated



HI-324-1088 - HI-324-1092

HI-324-1088 15 x 40 mm

HI-324-1089 15 x 45 mm

HI-324-1090 15 x 50 mm

HI-324-1091 15 x 55 mm

HI-324-1092 15 x 60 mm

Blunt

Self-Retaining Retractors

Sich selbst haltende Retraktoren

Retraçadores de Auto-Retenção

Retradores autoretenibles



1/2

Cone

HI-325-1093 - HI-325-1100**HI-325-1093** 14 cm, 18 mm 3 x 4**HI-325-1094** 6 cm, 18 mm 3 x 4**HI-325-1095** 20 cm, 20 mm 3 x 4**HI-325-1096** 24 cm, 27 mm 3 x 4**HI-325-1097** 14 cm, 18 mm 3 x 4**HI-325-1098** 16 cm, 18 mm 3 x 4**HI-325-1099** 20 cm, 20 mm 3 x 4**HI-325-1100** 24 cm, 27 mm 3 x 4

Prongs blunt



1/2

Markham-Meyerdung

HI-325-1101

18 cm

50 x 25 mm left

Hemilaminectomy Retractor



1/2

Markham-Meyerdung

HI-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

HI-326-1103 - HI-326-1104

11 cm

HI-326-1103 16 mm 2 x 3 prongs sharp

HI-326-1104 16 mm 2 x 3 prongs blunt



Weitlaner

HI-326-1105 - HI-326-1112

HI-326-1105 13 cm, 18 mm 3 x 4 prongs sharp

HI-326-1106 16 cm, 18 mm 3 x 4 prongs sharp

HI-326-1107 20 cm, 21 mm 3 x 4 prongs sharp

HI-326-1108 25 cm, 27 mm 3 x 4 prongs sharp

HI-326-1109 13 cm, 18 mm 3 x 4 prongs blunt

HI-326-1110 16 cm, 18 mm 3 x 4 prongs blunt

HI-326-1111 20 cm, 21 mm 3 x 4 prongs blunt

HI-326-1112 25 cm, 27 mm 3 x 4 prongs blunt



Anderson-Adson

HI-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

HI-327-1114 - HI-327-1115**HI-327-1114** 26 cm, 27 mm 5 x 6 prongs sharp**HI-327-1115** 26 cm, 27 mm 5 x 6 prongs blunt

Hemilaminectomy

HI-327-1116 - HI-327-1117**HI-327-1116** 29 cm, 42 mm 6 x 6 prongs sharp**HI-327-1117** 29 cm, 42 mm 6 x 6 prongs blunt**HI-327-1118 - HI-327-1121**

Right blade 42 mm, left blade 22 mm deep

HI-327-1118 29 cm, 22/42 mm 6 x 6 prongs sharp**HI-327-1119** 29 cm, 22/42 mm 6 x 6 prongs blunt

Right blade 22 mm, left blade 42 mm deep

HI-327-1120 29 cm, 22/42 mm 6 x 6 prongs sharp**HI-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

HI-328-1122 - HI-328-1125

HI-328-1122 14 cm, 18 mm 1 x 1 prongs blunt

HI-328-1123 14 cm, 18 mm 3 x 3 prongs blunt

HI-328-1124 14 cm, 18 mm 3 x 4 prongs sharp

HI-328-1125 14 cm, 18 mm 3 x 4 prongs blunt



Beckmann-Adson

HI-328-1126 - HI-328-1131

HI-328-1126 31 cm, 25 mm 4 x 4 prongs sharp

HI-328-1127 31 cm, 37 mm 4 x 4 prongs sharp

HI-328-1128 31 cm, 48 mm 4 x 4 prongs sharp

HI-328-1129 31 cm, 25 mm 4 x 4 prongs blunt

HI-328-1130 31 cm, 37 mm 4 x 4 prongs blunt

HI-328-1131 31 cm, 48 mm 4 x 4 prongs blunt



Beckmann-Eaton

HI-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

HI-329-1133 - HI-329-1134

HI-329-1133 22 cm, 35 mm 7 x 7 prongs sharp

HI-329-1134 22 cm, 35 mm 7 x 7 prongs blunt



Adson

HI-329-1135 - HI-329-1136

HI-329-1135 19 cm, 23 mm 4 x 4 prongs sharp

HI-329-1136 19 cm, 23 mm 4 x 4 prongs blunt



Adson

HI-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
HI-330-1138
22 cm
50 mm 4 x 5 prongs blunt
Hemilaminectomy Retractor



Gelpi
HI-330-1139
17.5 cm
Skin retractor



Tracheotomy

Tracheotomie

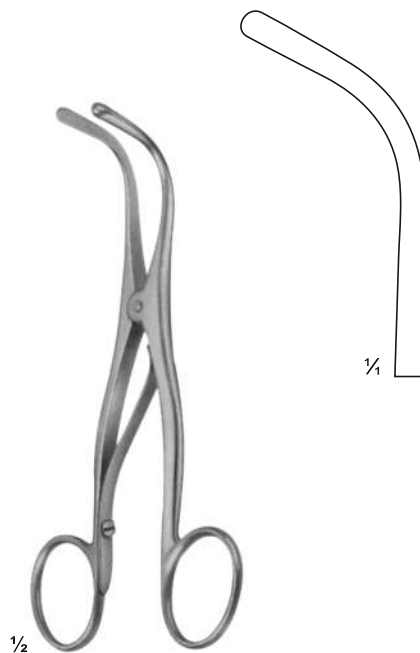
Traqueotomia

Traqueotomía

Page 331-335

Tracheal Dilators

Trachealdilatatoren
Dilatadores traqueais
Dilatadores traqueales



Trousseau
HI-331-001
14.5 cm



Laborde
HI-331-002
strong pattern
13.5 cm



Laborde
HI-331-003
14 cm



1/2

Iterson
HI-332-004 - TR-586-005
17 cm



1/4

HI-332-004
17 cm
Scharp



HI-332-005
17 cm
Blunt

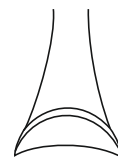


1/2

Rose
HI-332-006
15.5 cm



1/4

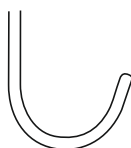


1/2

Luer
HI-332-007
11 cm

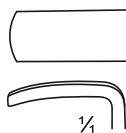


1/4

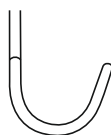


1/2

Lukens
HI-332-008
17.5 cm



1/4

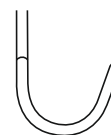


1/2

Jackson
HI-332-009
18 cm



1/4



Cleaning Brush, Goitre Enucleator, Goitre Grasping Forceps

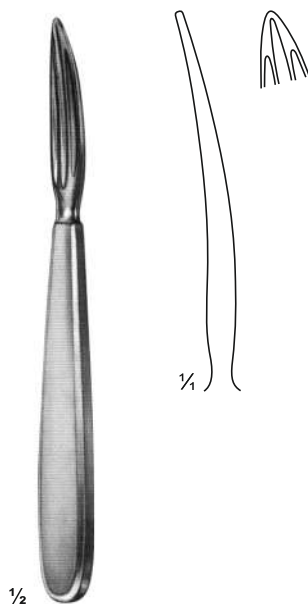
Reinigungsbürste, Kropf Enukleator, Kropfgreifer

Escova de Limpeza, Goitre Enucleator, Goitre Clearing Forceps

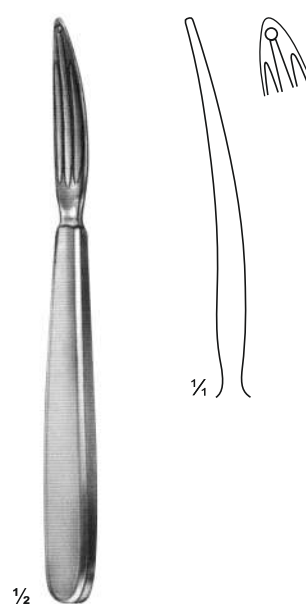
Cepillo de limpieza, Enucleador de Goitre, Pinzas de agarre de Goitre



HI-333-010
26 cm
Cleaning Brush
for tracheal tubes, head of bursh Ø 12 mm



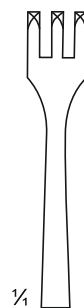
Kocher
HI-333-011
15.5 cm



Kocher
HI-333-012
15.5 cm
with eye



Lahey
HI-333-013 - HI-333-014
15.5 cm



HI-333-013
15.5 cm



3:3



HI-333-014
20 cm



3:3

Cryothyreotomy-Trocars, Tracheal Tubes

Kryothyreotomie-Trokare, Trachealtuben

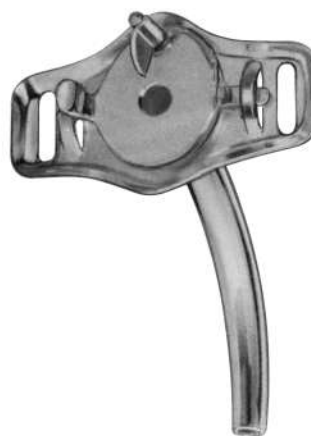
Cryothyreotomy-Trocars, Tubos traqueais

Cryothyreotomy-Trocars, Traqueal Tubes



1/2

Ueckermann-Denker
HI-334-015 - HI-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	HI-334-015	HI-334-025	HI-334-035	HI-334-045
30 mm	1	5 x 50 mm	HI-334-016	HI-334-026	HI-334-036	HI-334-046
30 mm	2	6 x 50 mm	HI-334-017	HI-334-027	HI-334-037	HI-334-047
39 mm	3	7 x 55 mm	HI-334-018	HI-334-028	HI-334-038	HI-334-048
39 mm	4	8 x 60 mm	HI-334-019	HI-334-029	HI-334-039	HI-334-049
39 mm	5	9 x 65 mm	HI-334-020	HI-334-030	HI-334-040	HI-334-050
39 mm	6	10 x 70 mm	HI-334-021	HI-334-031	HI-334-041	HI-334-051
43.5 mm	7	11 x 80 mm	HI-334-022	HI-334-032	HI-334-042	HI-334-052
43.5 mm	8	12 x 85 mm	HI-334-023	HI-334-033	HI-334-043	HI-334-053
43.5 mm	9	13 x 90 mm	HI-334-024	HI-334-034	HI-334-044	HI-334-054



HI-335-055 - HI-335-094
Jackson

Fig.	Dia. x Length	Brass	Magnet S.S.	Non-Magnet S.S.	German Silver S.S.
0	4 x 50 mm	HI-335-055	HI-335-065	HI-335-076	HI-335-085
1	5 x 58 mm	HI-335-056	HI-335-066	HI-335-076	HI-335-086
2	6 x 58 mm	HI-335-057	HI-335-067	HI-335-077	HI-335-087
3	7 x 70 mm	HI-335-058	HI-335-068	HI-335-078	HI-335-088
4	8 x 78 mm	HI-335-059	HI-335-069	HI-335-079	HI-335-089
5	9 x 84 mm	HI-335-060	HI-335-070	HI-335-080	HI-335-090
6	10 x 84 mm	HI-335-061	HI-335-071	HI-335-081	HI-335-091
7	11 x 86 mm	HI-335-062	HI-335-072	HI-335-082	HI-335-092
8	12 x 88 mm	HI-335-063	HI-335-073	HI-335-083	HI-335-093
9	13 x 90 mm	HI-335-064	HI-335-074	HI-335-084	HI-335-094



HI-335-095 - HI-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	HI-335-095	HI-335-106	HI-335-117	HI-335-128
1	5 x 58 mm	HI-335-096	HI-335-107	HI-335-118	HI-335-129
2	6 x 58 mm	HI-335-097	HI-335-108	HI-335-119	HI-335-130
3	7 x 70 mm	HI-335-098	HI-335-109	HI-335-120	HI-335-130
4	8 x 78 mm	HI-335-099	HI-335-110	HI-335-121	HI-335-131
5	9 x 84 mm	HI-335-100	HI-335-111	HI-335-122	HI-335-132
6	10 x 84 mm	HI-335-101	HI-335-112	HI-335-123	HI-335-133
7	11 x 86 mm	HI-335-102	HI-335-113	HI-335-124	HI-335-134
8	12 x 88 mm	HI-335-103	HI-335-114	HI-335-125	HI-335-135
9	13 x 90 mm	HI-335-104	HI-335-115	HI-335-126	HI-335-136
10	14 x 90 mm	HI-335-105	HI-335-116	HI-335-127	HI-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

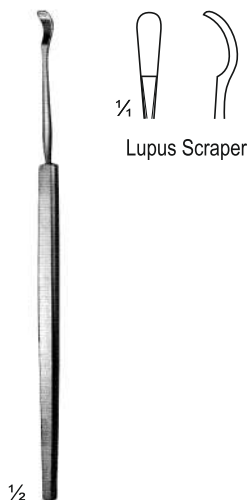


HI-336-001
13 cm
milium knife

Moncorps
HI-336-001 - HI-336-002
13 cm
Milium knife



HI-336-002
13 cm
Spare Blade



Vidal
HI-336-003
13 cm
Lupus scraper

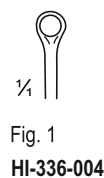


Fig. 1
HI-336-004



Fig. 2
HI-336-005



Fig. 3
HI-336-006



Fig. 4
HI-336-007



Fox
HI-336-004 - HI-336-007
14 cm
Lupus curette



Wolff
HI-336-008 - HI-336-013
14 cm
Lupus curette



Fig. 1
HI-336-008



Fig. 2
HI-336-009



Fig. 3
HI-336-010



Fig. 4
HI-336-011



Fig. 5
HI-336-012



Fig. 6
HI-336-013

Skin Hooklets, Dermal Punches

Haut-Haken, Dermal Punches

Cápsulas de pele, punções dérmicas

Hooklets de la piel, punzones dérmicos



Kilner
HI-337-014
14.5 cm
Skin hooklet
sharp



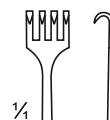
Gillies
HI-337-015 - HI-337-016
18 cm
Skin hooklet



Fig. 1
HI-337-015
Small curvature, sharp



Fig. 2
HI-337-016
Large curvature, sharp



HI-337-017



Kaye
HI-337-017 - HI-337-018
13 cm
Face-lift hook



HI-337-018



HI-337-019 - HI-337-024
5.5 cm
Dermal punch



HI-337-019
Ø 2 mm



HI-337-020
Ø 4 mm



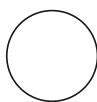
HI-337-021
Ø 6 mm



HI-337-022
Ø 8 mm



HI-337-023
Ø 10 mm



HI-337-024
Ø 12 mm



Keyes
HI-337-025 - HI-337-032
11 cm
Dermal punch



HI-337-026
Ø 2 mm



HI-337-027
Ø 3 mm



HI-337-028
Ø 4 mm



HI-337-029
Ø 5 mm



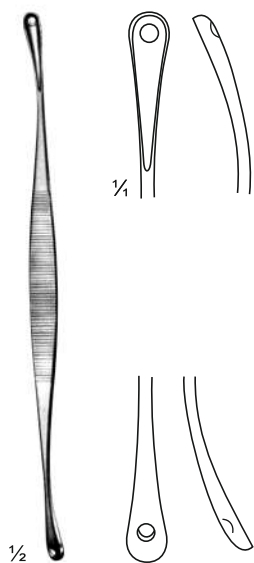
HI-337-030
Ø 6 mm



HI-337-031
Ø 7 mm



HI-337-032
Ø 8 mm



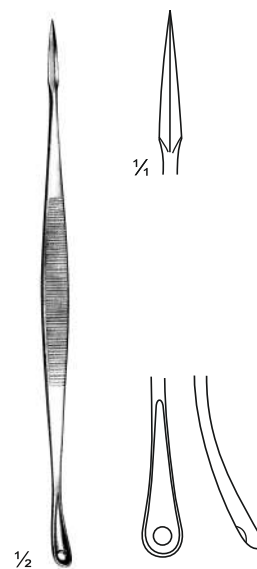
Unna
HI-338-033
14.5 cm



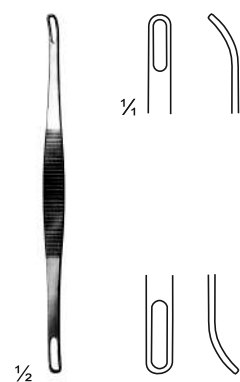
Unna
HI-338-034
14 cm



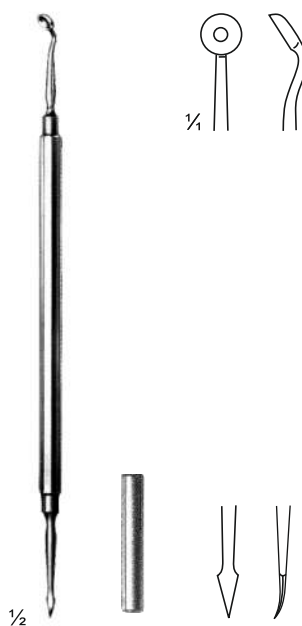
Saalfeld
HI-338-035
11 cm



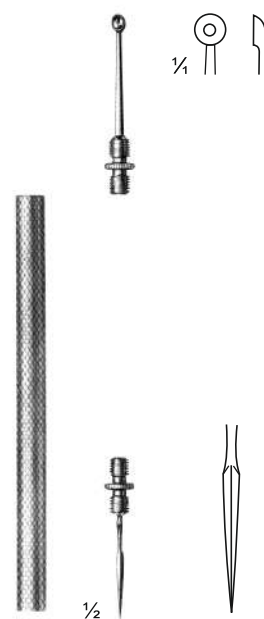
Saalfeld
HI-338-036
14.5 cm



Schamberg
HI-338-037
9.5 cm



Katsch
HI-338-038
16 cm

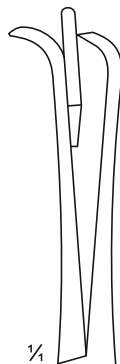


Unna-Vidal
HI-338-039
11 cm

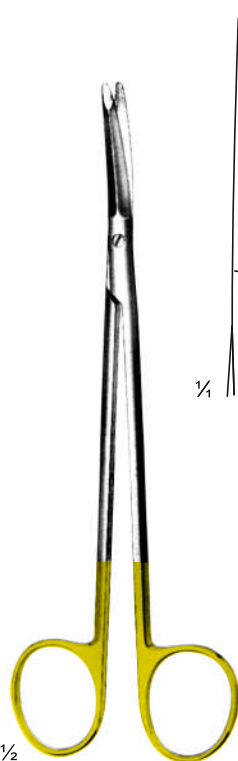
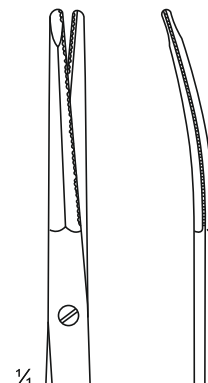
Face-Lift Forceps, Face-Lift Scissors With T.C.
 Face-Lift-Zange, Face-Lift-Schere mit T.C.
 Pinça Face-Lift, Tesoura Face-Lift Com T.C.
 Fórceps de estiramiento facial, tijeras de estiramiento facial con T.C.



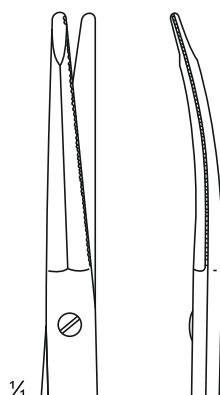
d' Assumpção
HI-339-040
 16 cm



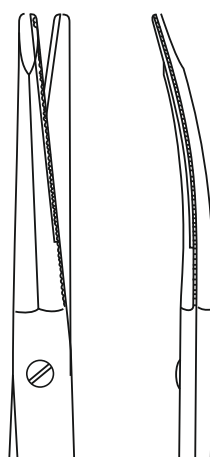
Gergory
HI-339-041
 14.5 cm
 Curved toothed



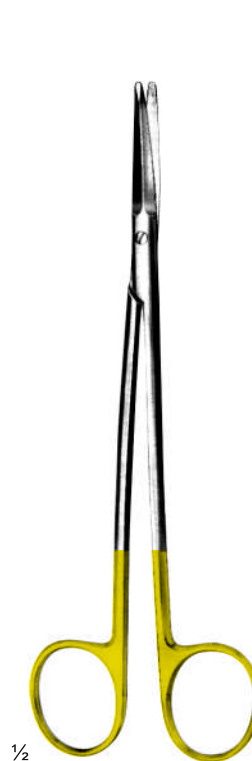
Kaye
HI-339-042 - HI-339-043
 Curved
 one toothed cutting edge



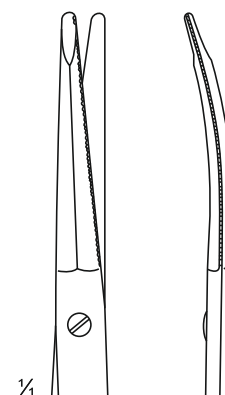
HI-339-042
 15 cm



HI-339-043
 18 cm



Stells-S
HI-339-044
 18 cm
 Curved
 one toothed cutting edge



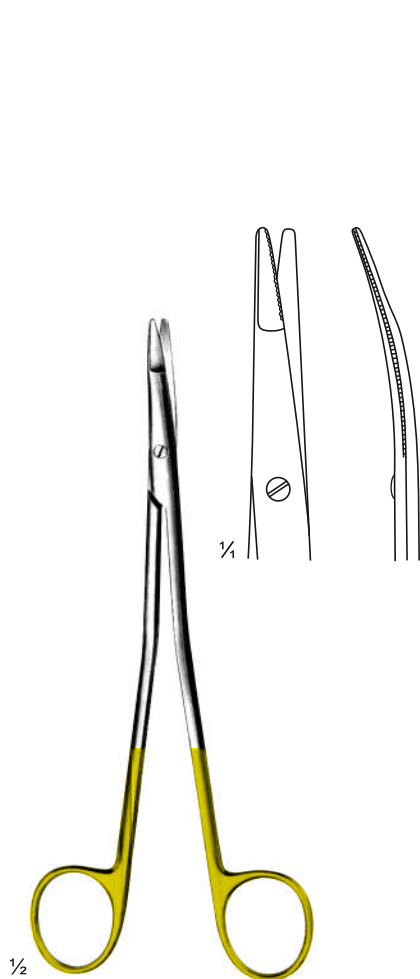
S-shaped

Face-Lift Scissors T.C.

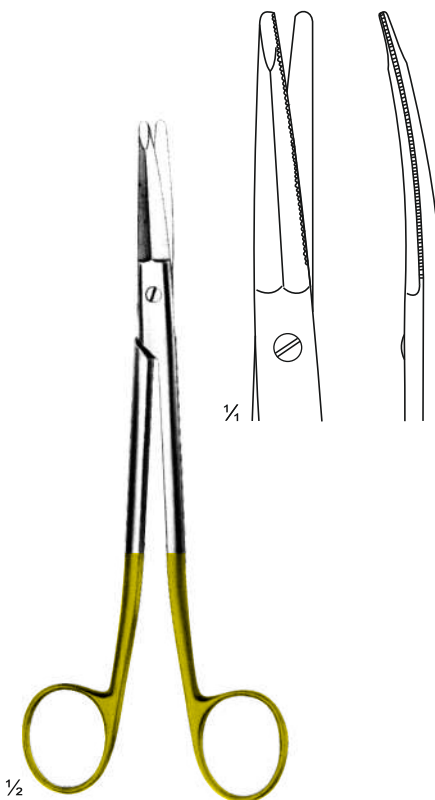
Face-Lift-Schere T.C.

Tesoura de Face-Lift T.C.

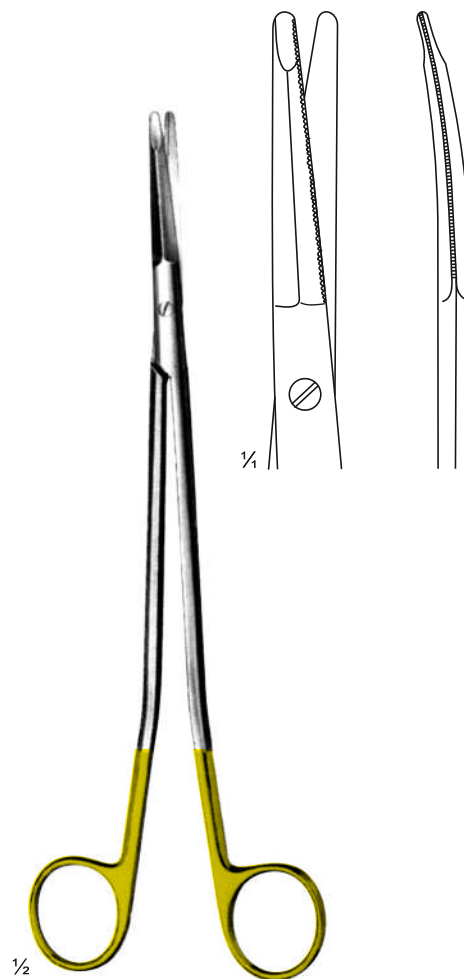
Face-Lift Scissors T.C.



Gorney
HI-340-045
17.5 cm
Curved
One Toothed Cutting Edge



Freeman-Kaye
HI-340-046
18 cm
Curved
One Toothed Cutting Edge



Freeman
HI-340-047
23 cm
Curved
One Toothed Cutting Edge



Stomach, Intestines, Rectum

Magen, Darm, Rektum

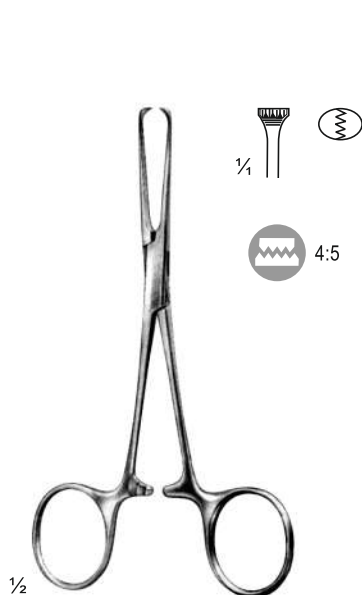
Estômago, Intestinos, Reto

Estómago, intestinos, recto

Page 341-355

Intestinal and Tissue Grasping Forceps

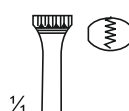
Intestinale und Gewebe fassende Zange
Pinça de apreensão intestinal e tecidual
Pinza de agarre intestinal y de tejidos



Allis-Baby
HI-341-001
13 cm



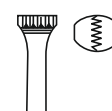
Allis
HI-341-002- HI-341-005
15.5 cm



HI-341-002
15.5 cm



HI-341-003
15.5 cm



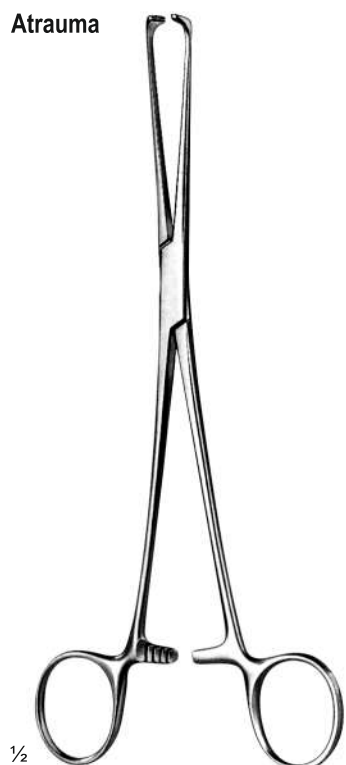
HI-341-004
19 cm



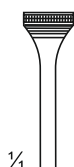
HI-341-005
25.5 cm



Atrauma



Allis
HI-341-006 - HI-341-009
20 cm



HI-341-006
15.5 cm



HI-341-007
20 cm



HI-341-008
24.5 cm



HI-341-009
30 cm

Intestinal and Tissue Grasping Forceps

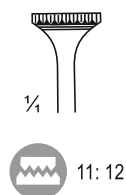
Intestinale und Gewebe fassende Zange

Pinça de apreensão intestinal e tecidual

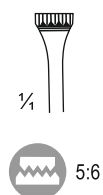
Pinza de agarre intestinal y de tejidos



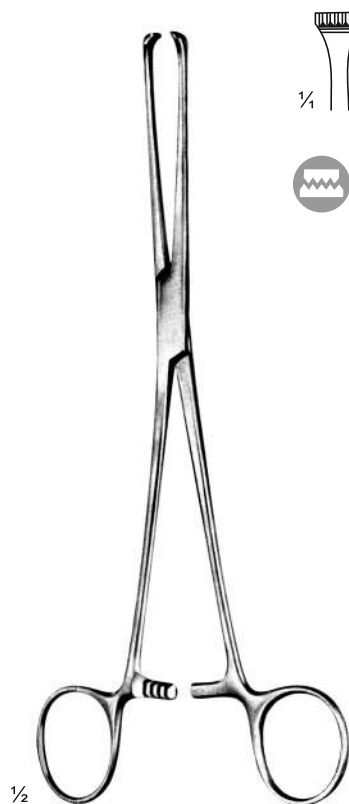
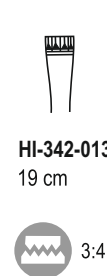
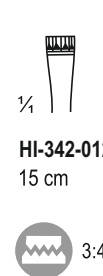
Allis-Adair
HI-342-010
16 cm



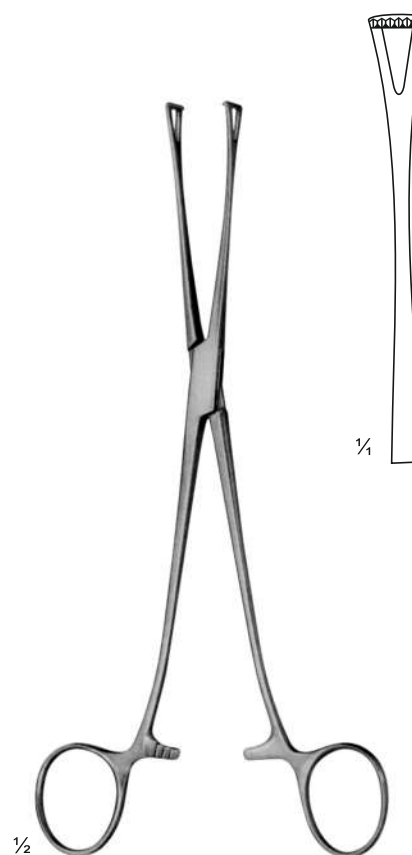
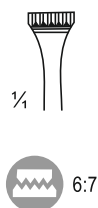
Boys-Allis
HI-342-011
15.5 mm



Judd-Allis
HI-342-012 - HI-342-013
15.5 cm



Thoms-Allis
HI-342-014
20.5 cm



Lockwood
HI-342-015
20 cm



Intestinal and Tissue Grasping Forceps

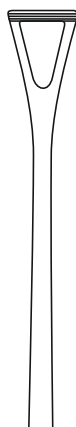
Intestinale und Gewebe fassende Zange
Pinça de apreensão intestinal e tecidual
Pinza de agarre intestinal y de tejidos



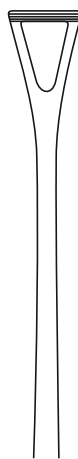
Babcock
HI-343-016- HI-343-019
17.5 cm



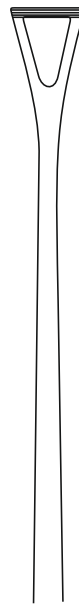
HI-343-016
15.5 cm



HI-343-017
17.5 cm

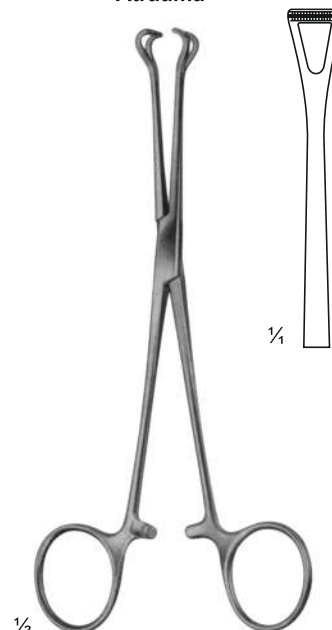


HI-343-018
21 cm



HI-343-019
24 cm

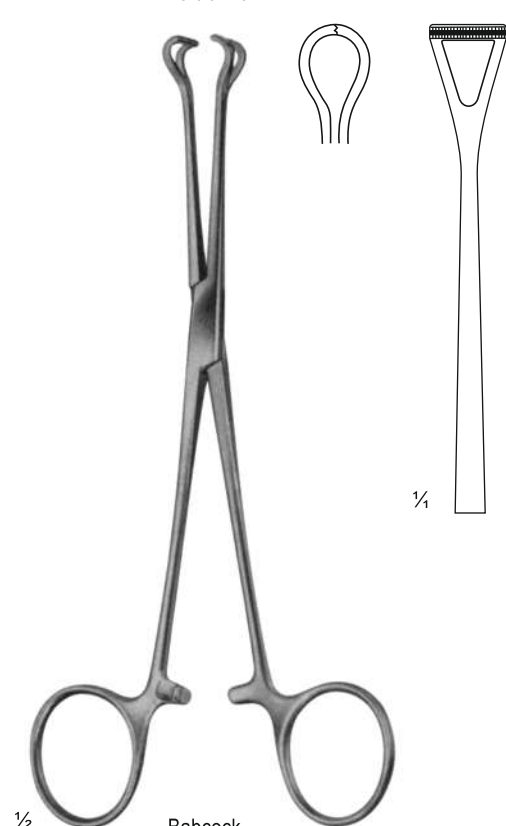
Atrauma



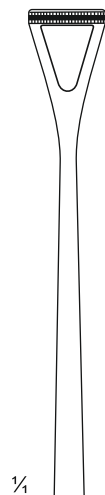
Babcock
HI-343-020
16 cm



Atrauma



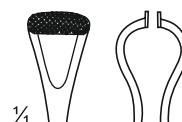
Babcock
HI-343-021
21 cm



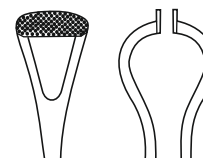
TC GOLD



Babcock
HI-343-022 - HI-343-023
21 cm



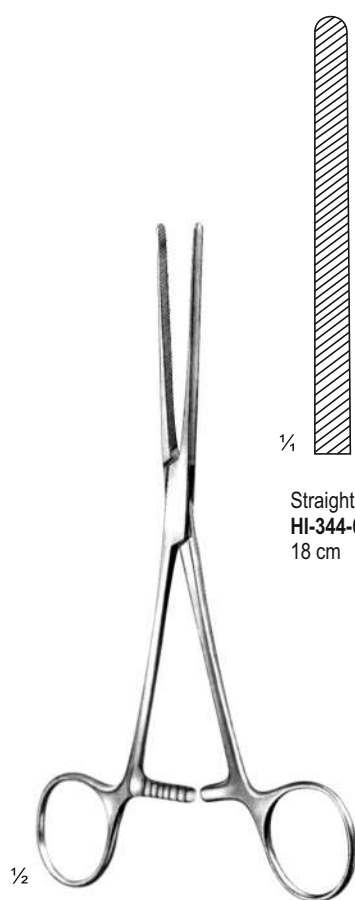
HI-343-022
16.5 cm



HI-343-023
21 cm

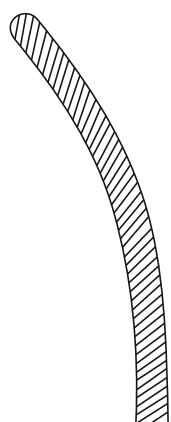
Intestinal Clamps

Darmklemmen
Grampos Intestinais
Pinzas intestinales

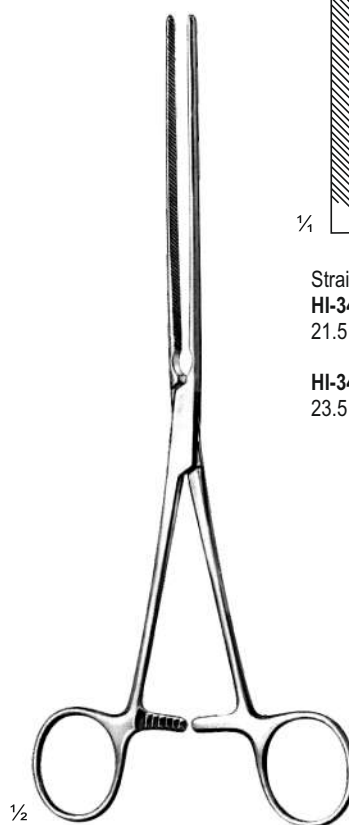


Straight
HI-344-024
18 cm

Doyen-Boby
HI-344-024 - HI-344-025
18 cm



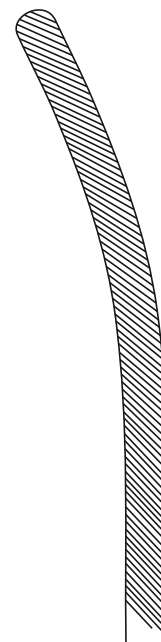
Curved
HI-344-025
17.5 cm



Straight
HI-344-026
21.5 cm

HI-344-027
23.5 cm

Doyen
HI-344-026 - HI-344-029
18 cm

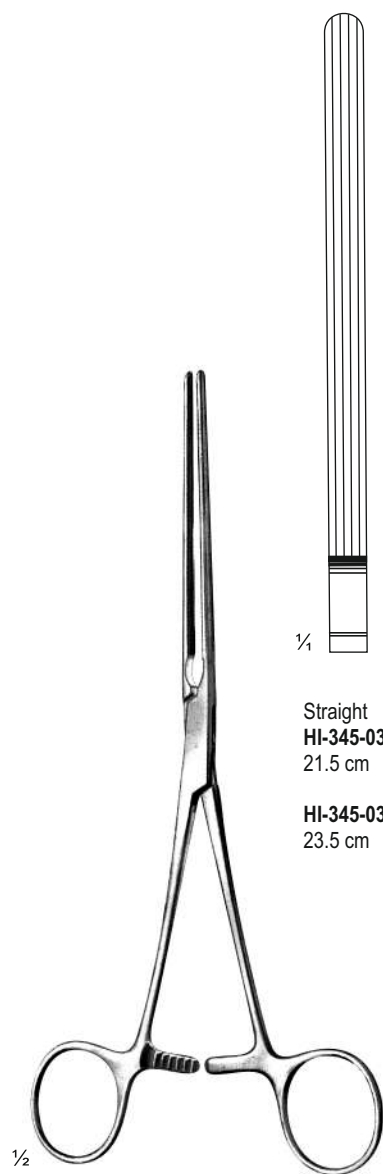


Curved
HI-344-028
21 cm

HI-344-029
23 cm

Intestinal Clamps

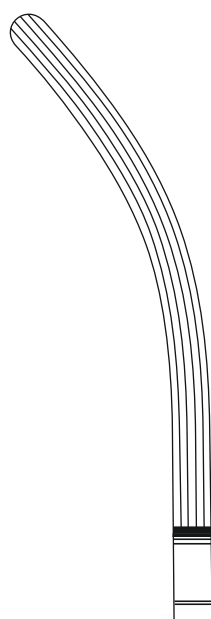
Darmklemmen
Grampos Intestinais
Pinzas intestinales



Straight
HI-345-030
21.5 cm

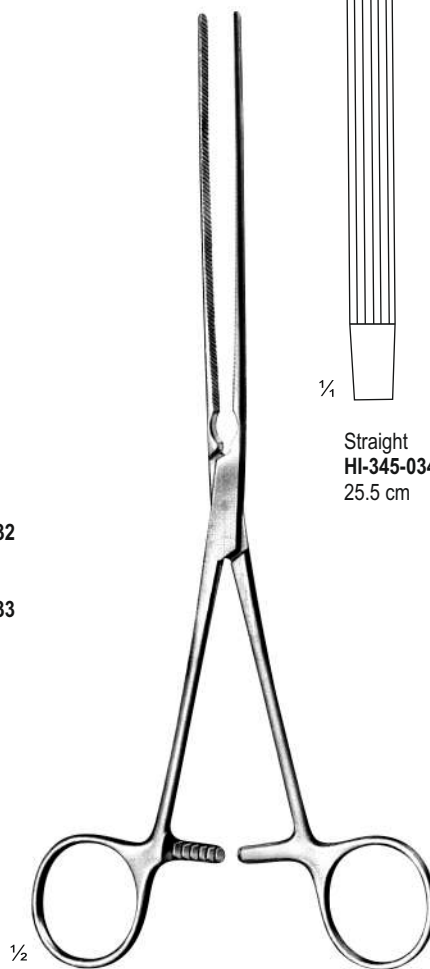
HI-345-031
23.5 cm

Mayo-Robson
HI-345-030 - HI-345-033
21.5 cm

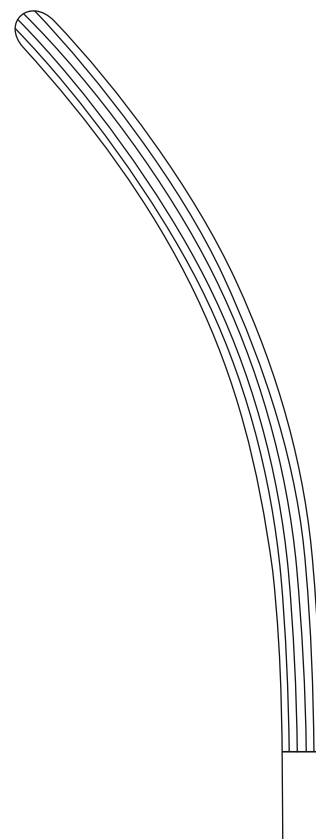


Curved
HI-345-032
21 cm

HI-345-033
23 cm

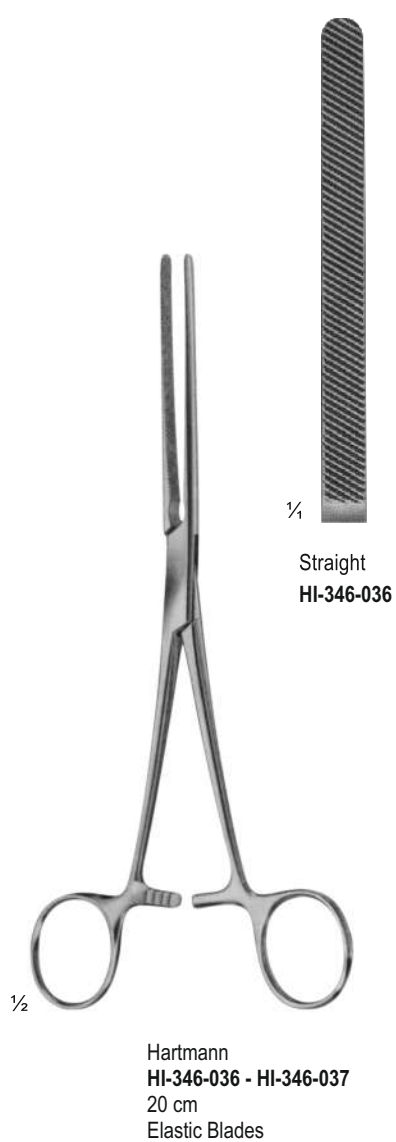


Straight
HI-345-034
25.5 cm



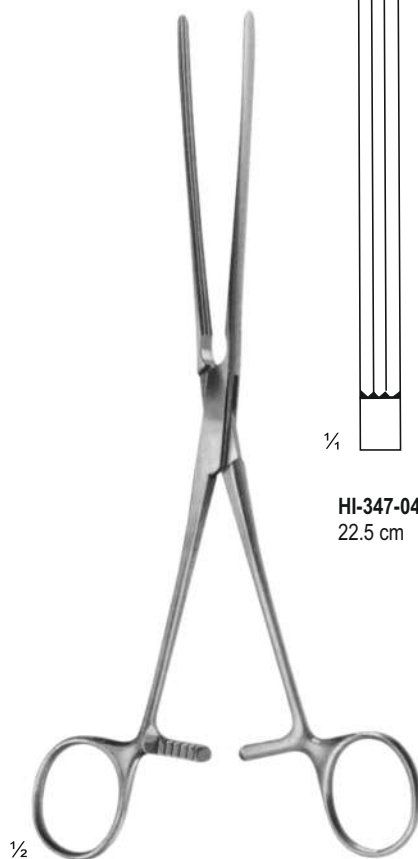
Curved
HI-345-035
24.5 cm

Mayo-Robson
HI-345-034 - HI-345-035
25.5 cm

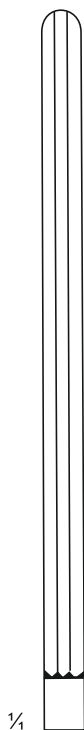


Intestinal Clamps

Darmklemmen
Grampos Intestinais
Pinzas intestinales



Kocher
HI-347-040 - HI-347-042
22.5 cm
Straight



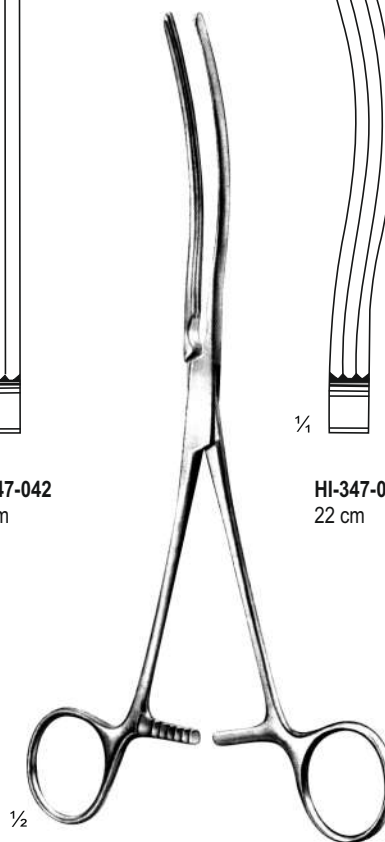
HI-347-040
22.5 cm



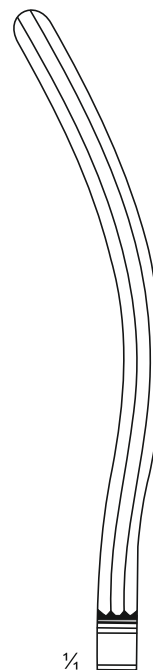
HI-347-041
25 cm



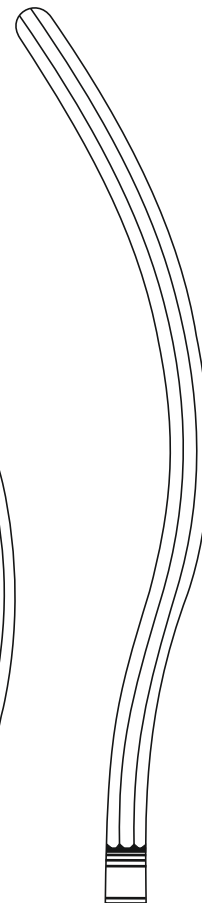
HI-347-042
28 cm



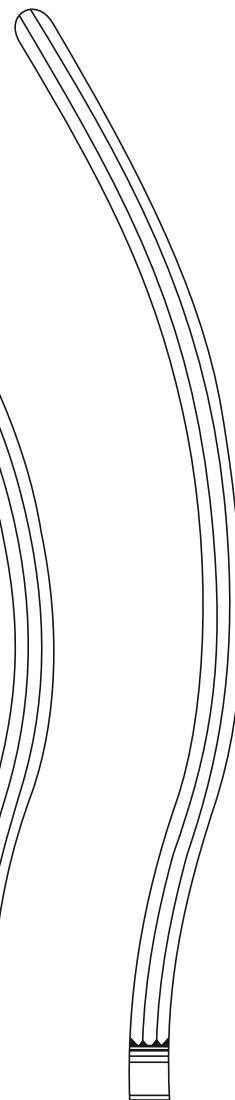
Kocher
HI-347-0543 - HI-347-045
22.5 cm
Curved



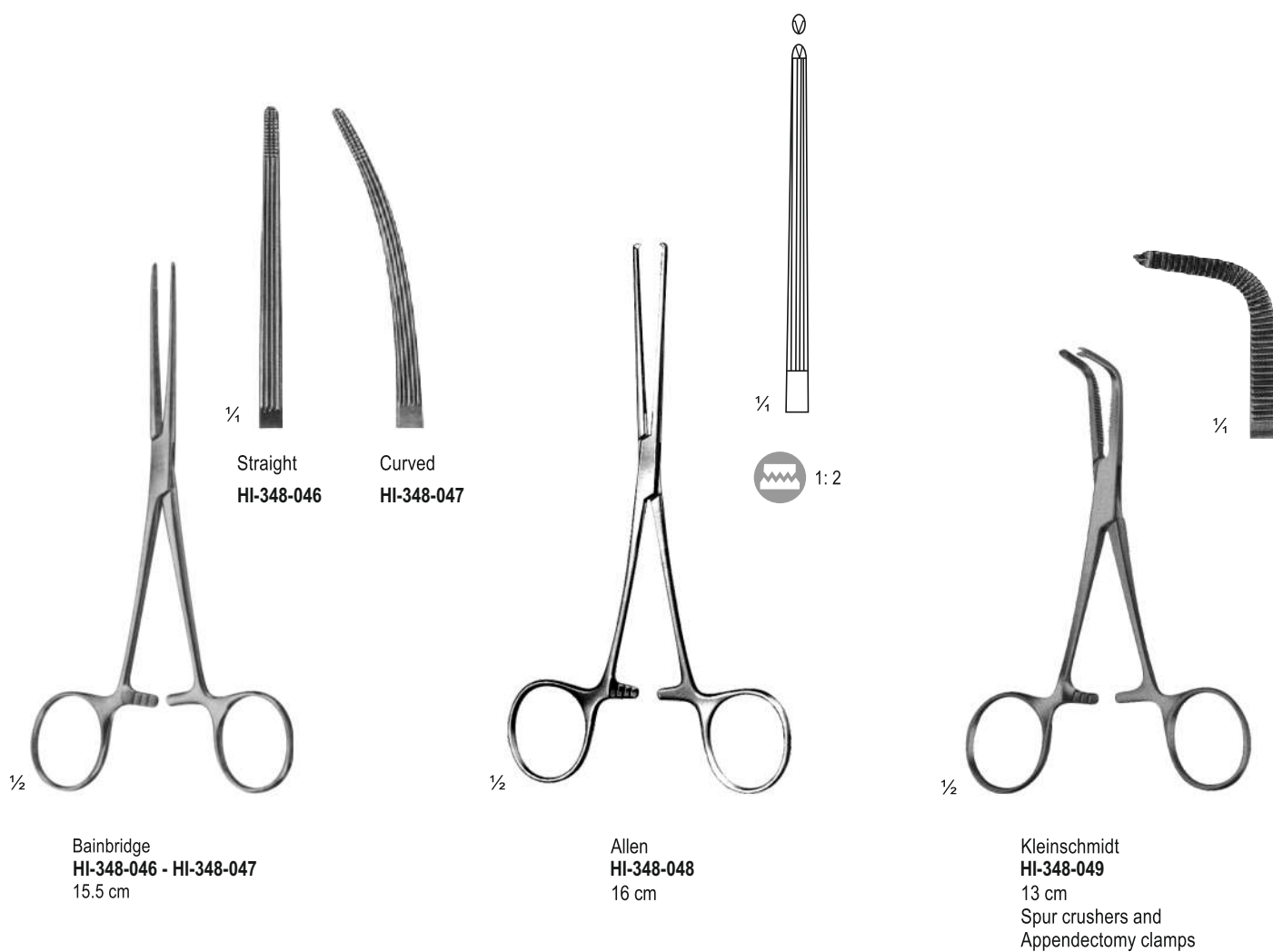
HI-347-043
22 cm



HI-347-044
25 cm



HI-347-045
27.5 cm



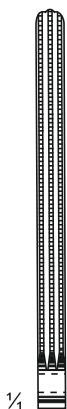
Intestinal Clamps

Darmklemmen
Grampos Intestinais
Pinzas intestinales

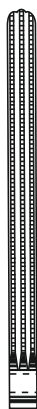
Atrauma



Doyen-Baby
HI-349-050 - HI-349-054
18 cm
Straight



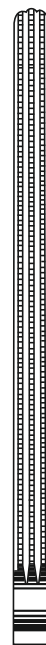
HI-349-050
14 cm



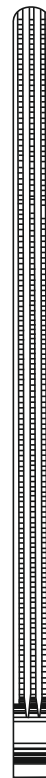
HI-349-051
17 cm



HI-349-052
18.5 cm



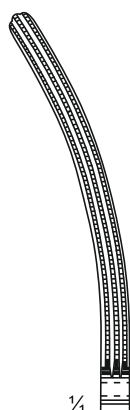
HI-349-053
21.5 cm



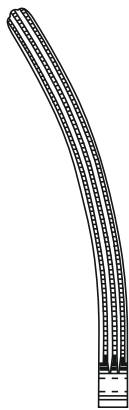
HI-349-054
23.5 cm



Doyen-Baby
HI-349-055 - HI-349-059
18 cm
Curved



HI-349-055
13.5 cm



HI-349-056
17 cm



HI-349-057
18 cm



HI-349-058
21 cm



HI-349-059
23 cm



70 x 70 mm

1/2

Killian
HI-350-060 Brass
HI-350-061 Stainless steel
 14.5 cm



70 x 15 mm

1/2

Sims
HI-350-062 Brass
HI-350-063 Stainless steel
 15.5 cm



70 x 15 mm

1/2

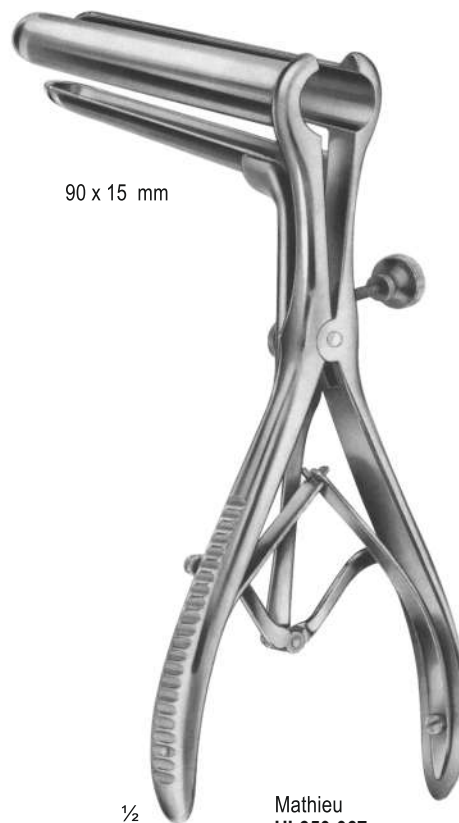
Sims
HI-350-064 Brass
HI-350-065 Stainless steel
 15.5 cm



80 x 25 mm

1/2

Pratt
HI-350-066
 20.5 cm
 Brass



90 x 15 mm

1/2

Mathieu
HI-350-067
 21.5 cm
 Brass

Rectal Specula

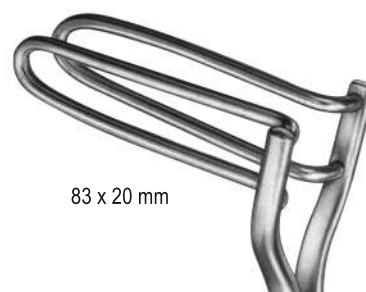
Rektale Spekula
Espéculo Retal
Espéculos rectales



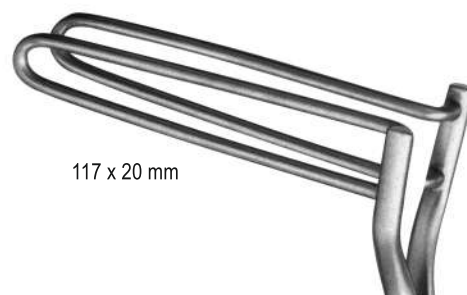
Sims
HI-351-068 - HI-351-071



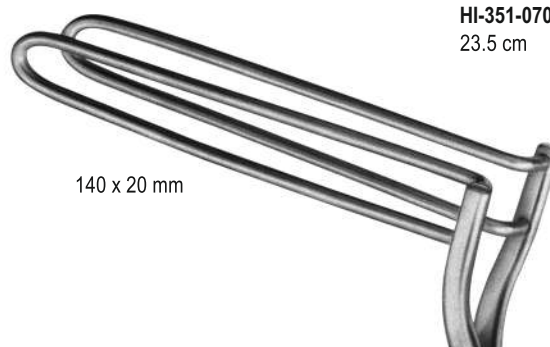
HI-351-068
19 cm
For children



HI-351-069
23.5 cm
For adults



HI-351-070
23.5 cm



HI-351-071
24.5 cm



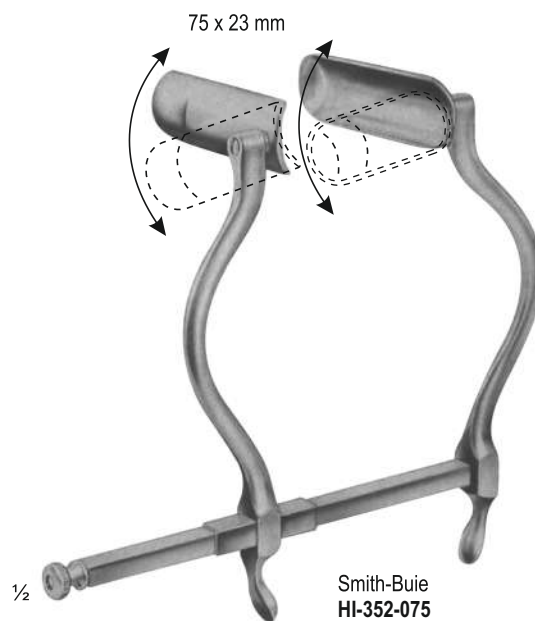
Brinkerhoff

HI-352-072 - HI-352-074

HI-352-072 13 - 25 mm Ø / 89 mm

HI-352-073 13 - 25 mm Ø / 102 mm

HI-352-074 19 - 32 mm Ø / 114 mm



Smith-Buie

HI-352-075

15 cm



Roschke

HI-352-076

15 cm

With fibre optic



Barr

HI-352-077

17 cm

Anuscope

Anuskop
Ânuscópio
Anuscope



Bensaude
HI-353-078 - HI-353-079

HI-353-078
Working length
70 X 19 mm

HI-353-079
Working length
70 X 22 mm



Hirschmann
HI-353-080 - HI-353-082

HI-353-080
Working length
65 X 16 mm

HI-353-081
Working length
65 X 19 mm

HI-353-082
Working length
65 X 22 mm



Ives-Fansler
HI-353-083
14.5 cm

Working length
80 mm



Alan-Parks
HI-354-084 - HI-354-090

HI-354-084
 14 cm
 Without F.O. light carrier

HI-354-085
 14 cm
 With F.O. light carrier



HI-354-087
 Wing nut

HI-354-088
 Pair of lateral blades, short, useful length 75 mm

HI-354-089
 Pair of lateral blades, long, useful length 95 mm

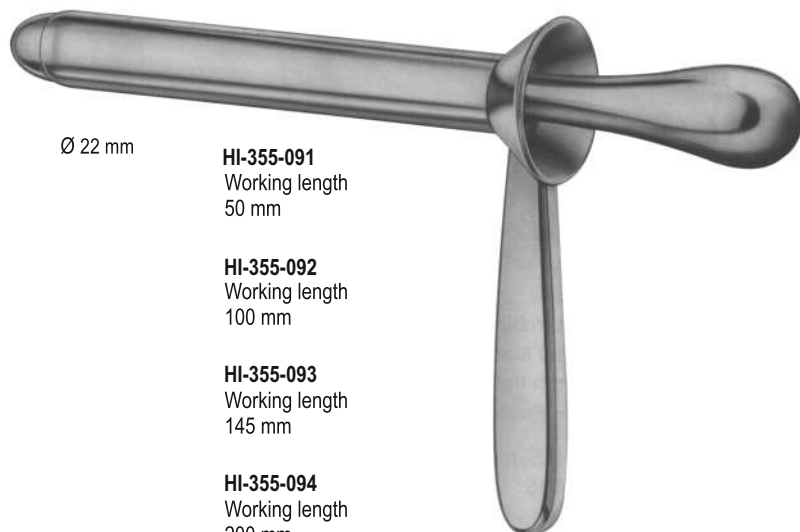


HI-354-090
 Central blades, useful length 95 mm

$\frac{1}{4}$
HI-354-086
 F.O. light carrier

Sphincteroscopes, Hemorrhoidal Ligators

Sphinkterskøpe, h morrhoidale Ligatoren
Sphincteroscopes, Ligadores Hemorrhoidais
Esfincteroscopios, ligadores hemorroidales



  22 mm

HI-355-091
Working length
50 mm

HI-355-092
Working length
100 mm

HI-355-093
Working length
145 mm

HI-355-094
Working length
200 mm

Kelly
HI-355-091 - HI-355-094
Sphincteroscopes



HI-355-095
  21 mm
Working length
50 mm

HI-355-096
  27 mm
Working length
50 mm

Kelly
HI-355-095 - HI-355-096
Sphincteroscopes



HI-355-097
Loading Cone



Rudd
HI-355-097 - HI-355-099
Hemorrhoidal ligators

HI-355-098
27.5 cm
Complete with loading cone



HI-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

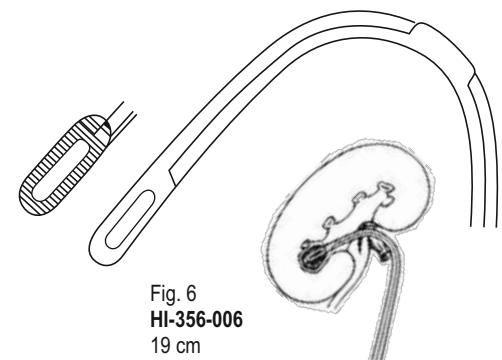
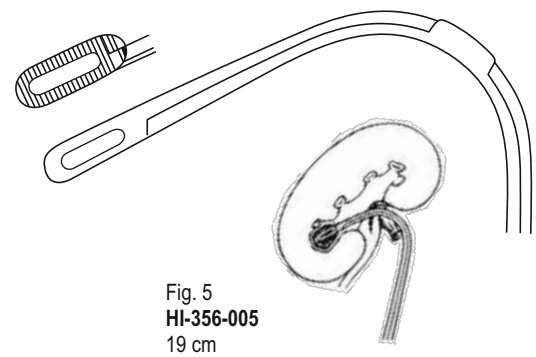
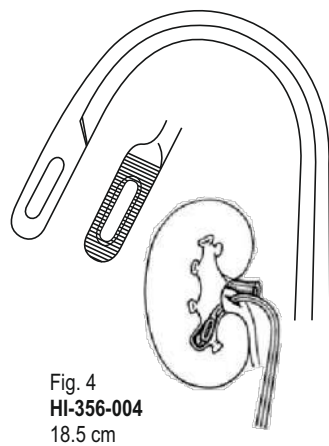
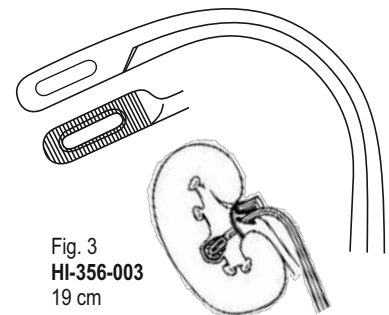
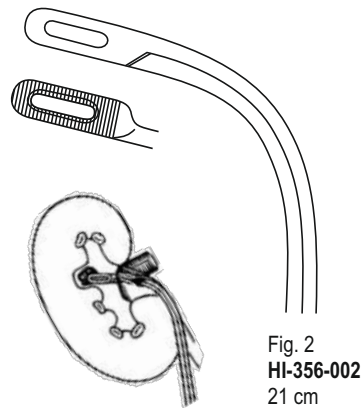
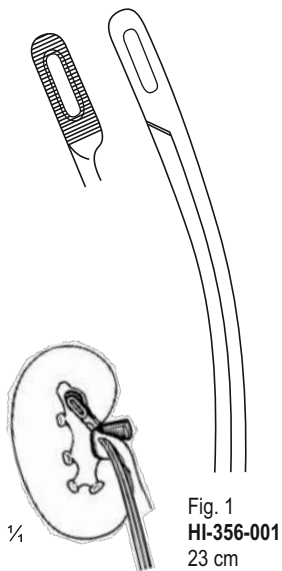
Page 356-366

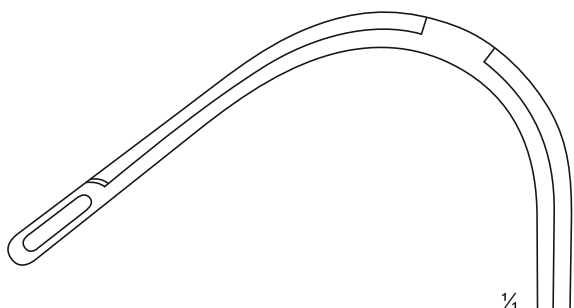
Kidney Stone Forceps

Nierensteinzange

Pinça de Pedra no Rim

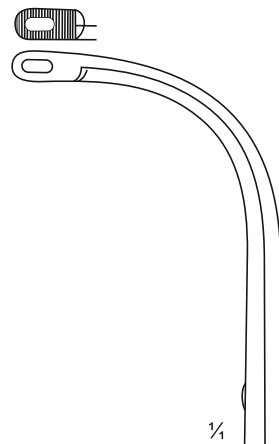
Pinzas de piedra de riñón





¼

Fig. 1
HI-357-007
23 cm



¼

Fig. 1
HI-357-009
16 cm

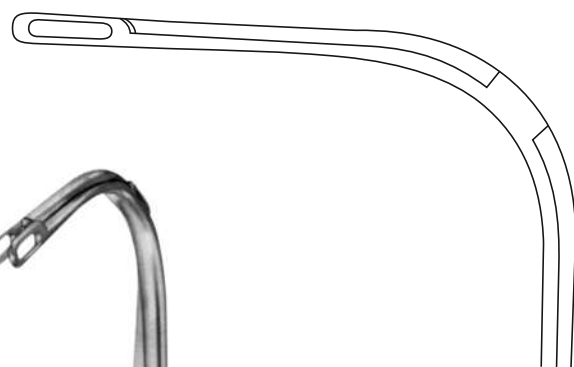


Fig. 2
HI-357-008
24 cm



Fig. 2
HI-357-010
17 cm



½

Randall
HI-357-007 - HI-357-008
23 cm
Extremely delicate pattern

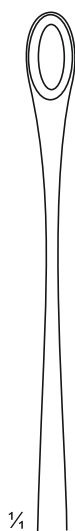


½

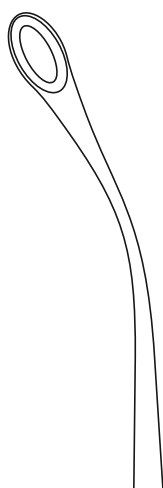
Heiming
HI-357-009 - HI-357-010
17 cm
For children

Gall Stone Forceps

Gallensteinzange
Pinça de pedra biliar
Pinzas de piedra



HI-358-011



HI-358-012



1/2

Blake
HI-358-011 - HI-358-012
21 cm



1/4



1/2

Mayo-Blake
HI-358-013
21 cm
Straight



1/4



1/2

Mayo-Blake
HI-358-014
21 cm
Angled



Mixer
HI-359-015
22 cm



Desjardins
HI-359-016 - HI-359-017
23 cm



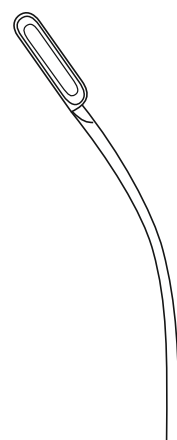
Fig. 2
HI-359-017



Desjardins
HI-359-018 - HI-359-019
23 cm
very slender pattern



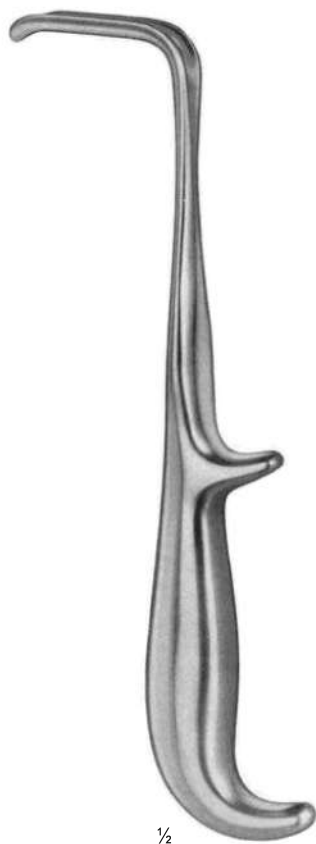
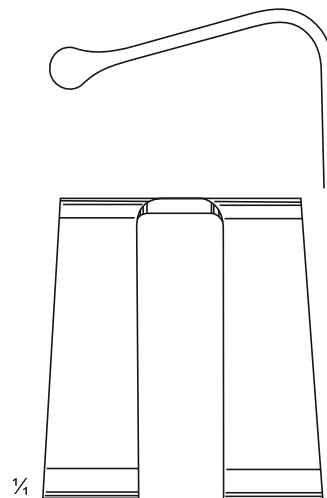
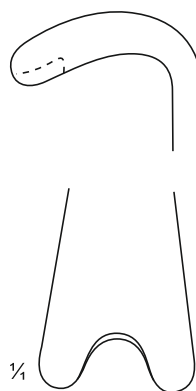
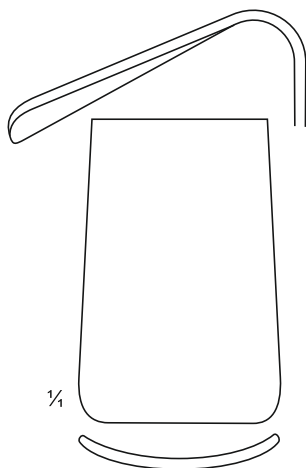
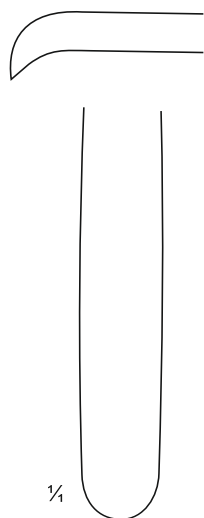
HI-359-018



HI-359-019

Prostatic Retractors

Prostatic Retraktoren
Retratores Prostáticos
Retractores prostáticos



1/2

Young
HI-360-020
22 cm



1/2

Young
HI-360-021
22 cm



1/2

Young
HI-360-022
21.5 cm



1/2

Young
HI-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



1/2

Legueu
HI-361-024
24 cm
Blade 35 mm
Bladder spatula



1/2

Kocher
HI-361-025
26 cm
Bladder retractors
blade 56 mm



1/2

Kocher
HI-361-026
26 cm
Bladder retractors
Blade 67 mm



1/2

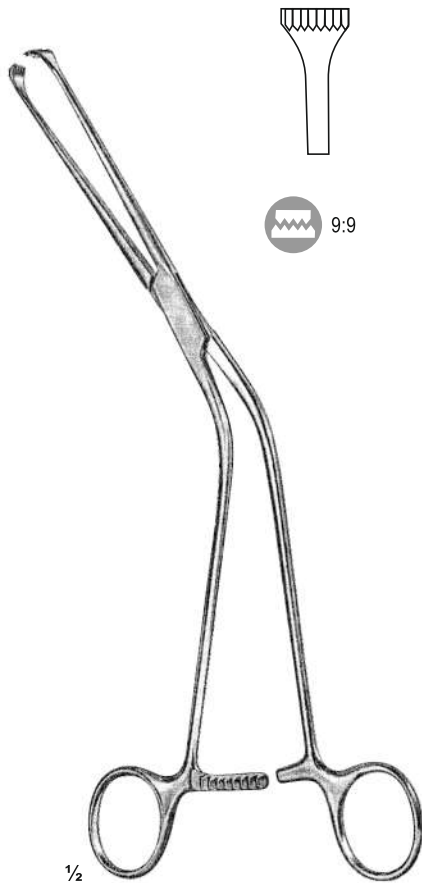
Spermatic
HI-361-027
16 cm
Cord tissue hook

Capsule Forceps, Ligature Carrying Forceps

Kapselpinzette, Ligaturtragezange

Pinça de cápsula, pinça para transporte de ligaduras

Fórceps de cápsula, pinças de transporte de ligadura



1/2

Millin
HI-362-028
22 cm
Capsule forceps



1/2

Millin
HI-362-029
24 cm
Ligature carrying forceps

Bladder Retractors

Blasen-Reraktoren
Retratores da Bexiga
Retradores de vejiga



Legueu
HI-363-030
Center blade
80 x 31 mm



Judd-Masson
HI-363-031
Spreading
120 mm



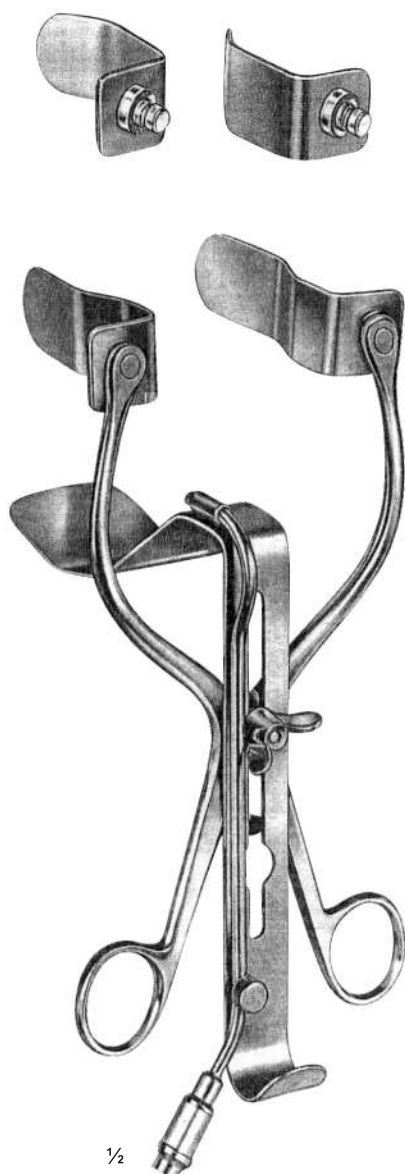
Judd-Masson
HI-363-032
Self-retaining with swivel blade 70 x 25 mm
and center blade 70 mm deep
opening 10 cm



Judd-Masson
HI-363-033
Self-retaining with swivel blade,
cross bar 16.8 cm, Blade depth 6.9 cm.
Arm length 13 cm

Bladder Retractors

Blasen-Reraktoren
Retratores da Bexiga
Retradores de vejiga



1/2

Millin

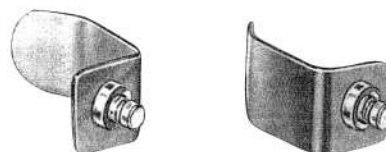
HI-364-034

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

Millin

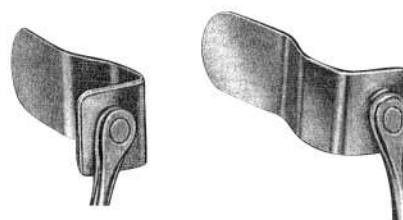
HI-364-039

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



HI-364-035

Lateral blades
57 x 25 mm



HI-364-036

Lateral blades
80 x 25 mm

HI-364-037

Central Blade, **without** F.O. carrier

HI-364-038

Fiber Optic Light Carrier



Urethrography, Instrument, Circumcision Clamps, Penis Clamps

Urethrographie, Instrument, Beschneidung Klammern, Penisklammern

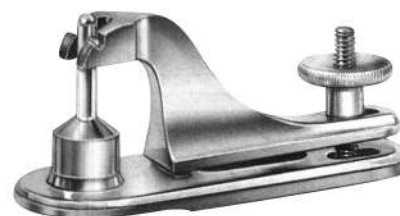
Urethrography, instrumento, braçadeiras da circuncisão, braçadeiras do pênis

Uretrografía, instrumento, abrazaderas de circuncisión, pinzas de pene



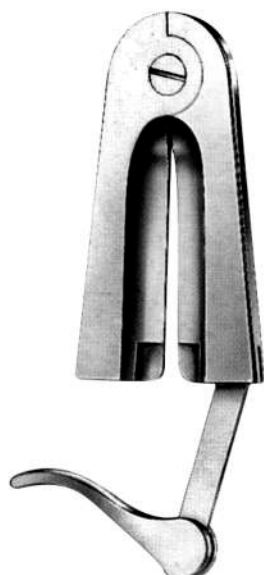
Knutson
HI-365-040
Urethrography Instrument

Knutson-Koch
HI-365-041
Cone, only



HI-365-042 - HI-365-048
Circumcision gomco clamp

- HI-365-042** Ø 8 mm
- HI-365-043** Ø 11 mm
- HI-365-044** Ø 13 mm
- HI-365-045** Ø 16 mm
- HI-365-046** Ø 21 mm
- HI-365-047** Ø 26 mm
- HI-365-048** Ø 32 mm



Mogen
HI-365-049
7.5 cm
Circumcision clamp



Stockmann
HI-365-050
8 cm
Penis clamp



Strauss
HI-365-051
11 cm
Penis clamp

HI-365-052
1 pair of flexible tubes only



Gynecology

Gynäkologie

Ginecologia

Ginecología

Page 367-389

Vaginal Specula

Vaginale Spekula
Vaginale Spekula
Vaginale Spekula



Collin
HI-367-001
53 x 10 mm
For children



Collin
HI-367-002
95/85 x 18 mm



Collin
HI-367-003 80 x 30 mm
HI-367-004 100 x 35 mm
HI-367-005 110 x 40 mm



Cusco
HI-367-006 90 x 22 mm Small
HI-367-007 100 x 25 mm Medium
HI-367-008 110 x 27 mm Large
Swiss pattern, side screw



Cusco
HI-367-009 90 x 22 mm Small
HI-367-010 100 x 25 mm Medium
HI-367-011 110 x 27 mm Large
Swiss pattern, center screw



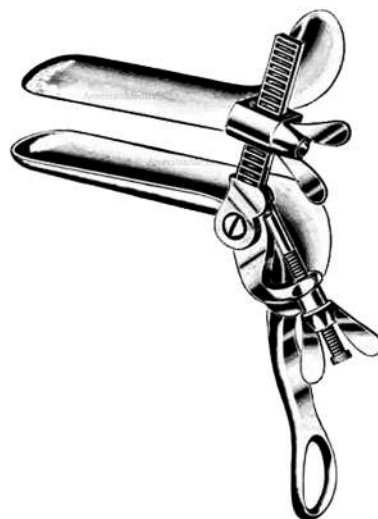
Cusco
HI-367-012 95 x 30 mm Small
HI-367-013 105 x 33 mm Medium
HI-367-014 110 x 35 mm Large
German pattern, side screw



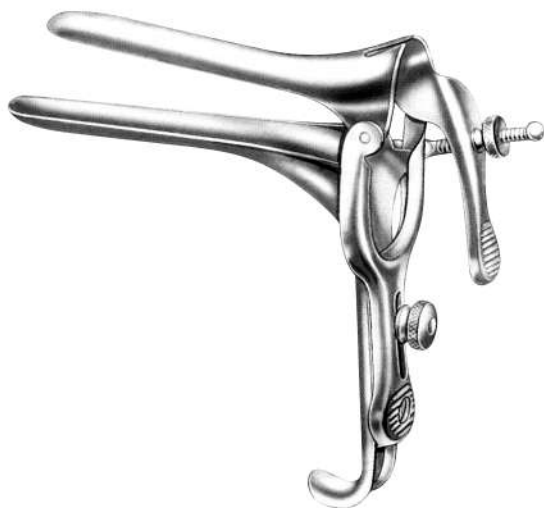
Cusco
HI-367-015 95 x 30 mm Small
HI-367-016 105 x 33 mm Medium
HI-367-017 110 x 35 mm Large
German pattern, center screw



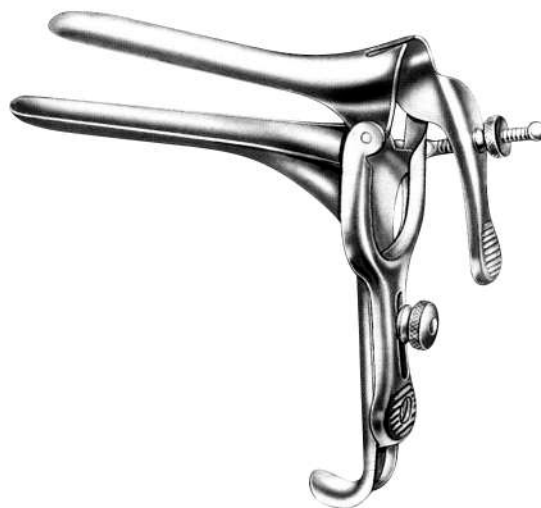
Cusco
HI-368-018 Side screw
HI-368-019 Center screw
 75 x 17 mm
 Virgin



Trelat
HI-368-020 85 x 33 mm
HI-368-021 95 x 35 mm
HI-368-022 115 x 43 mm



Graves
HI-368-023 75 x 20 mm
HI-368-024 95 x 30 mm
HI-368-025 105 x 33 mm



Pederson
HI-368-026 75 x 13 mm
HI-368-027 100 x 22 mm
HI-368-028 120 x 25 mm



Semm
HI-369-029 - HI-369-030
HI-369-029 100 x 20-25 mm
HI-369-030 100 x 27-35 mm



Seyffert
HI-369-031 - HI-369-032
HI-369-031 100 x 24 mm
HI-369-032 110 x 32 mm
23 cm



Guttman
HI-369-033
90 x 35 mm

Vaginal Specula, Vaginal Retractors

Vaginale Spekula, Vaginale Retraktoren
Espécula Vaginal, Retratores Vaginais
Espéculos vaginales, retractoros vaginales



Sims

HI-370-034 - HI-370-036**HI-370-034** 65 x 25 mm**HI-370-035** 70 x 30 mm**HI-370-036** 85 x 35 mm

Set of 3



Jackson

HI-370-037 - HI-370-039**HI-370-037** 75 x 38 mm**HI-370-038** 90 x 38 mm**HI-370-039** 100 x 38 mm

Vaginal retractors



Kristeller

HI-370-040 - HI-370-042**HI-370-040** Fig.1 70 x 27 mm**HI-370-041** Fig.2 80 x 30 mm**HI-370-042** Fig.3 90 x 36 mm

Vaginal Speculum



Kristeller

HI-370-043 - HI-370-045**HI-370-043** Fig. 1 (20-132-01 & 20-136-01)**HI-370-044** Fig. 2 (20-132-02 & 20-136-02)**HI-370-045** Fig. 3 (20-132-03 & 20-136-03)

Speculum /retractors (set)

Vaginal retractor (Set)



Kristeller

HI-370-046 - HI-370-048**HI-370-046** Fig. 1 75 x 23 mm**HI-370-047** Fig. 2 85 x 26 mm**HI-370-048** Fig. 3 100 x 32 mm

Vaginal retractors



Kristeller

HI-370-049 - HI-370-050**HI-370-049** Fig. 1 105 x 18 mm**HI-370-050** Fig. 2 110 x 21 mm

Speculum slender pattern



Kristeller
HI-371-051 - HI-371-052
HI-371-051 Fig. 1 110 x 14 mm
HI-371-052 Fig. 2 115 x 17 mm
 Vaginal retractor
 Slender pattern



Kristeller
HI-371-053 - HI-371-054
HI-371-053 Fig. 1 (20-138-01 & 20-140-01)
HI-371-054 Fig. 2 (20-138-02 & 20-140-02)
 Speculum / retractor (set)
 slender pattern



Kristeller
HI-371-055 - HI-371-057
HI-371-055 Fig. 1 105 x 26 mm
HI-371-056 Fig. 2 105 x 28 mm
HI-371-057 Fig. 3 105 x 33 mm
 Flat speculum

Vaginal Specula, Vaginal Retractors

Vaginale Spekula, Vaginale Retraktoren
Espécula Vaginal, Retratores Vaginais
Espéculos vaginales, retractoros vaginales



Kallmorgen

HI-372-058 - HI-372-059**HI-372-058** Fig. 1 70 x 37 mm**HI-372-059** Fig. 2 90 x 37 mm

Vaginal retractor



Kallmorgen

HI-372-060 - HI-372-031**HI-372-060** Fig. 1 (20-156-01 & 20-158-01)**HI-372-061** Fig. 2 (20-156-02 & 20-158-02)

speculum / retractor (Set)



Doyen

HI-372-062 Fig. 1 58 x 35 mm**HI-372-063** Fig. 2 88 x 35 mm**HI-372-064** Fig. 3 118 x 35 mm**HI-372-065** Fig. 1 60 x 47 mm**HI-372-066** Fig. 2 78 x 47 mm**HI-372-067** Fig. 3 120 x 47 mm**HI-372-068** Fig. 4 165 x 47 mm**HI-372-069** Fig. 1 55 x 60 mm**HI-372-070** Fig. 2 85 x 60 mm**HI-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



Braun
HI-373-072
18 cm
Vaginal speculum



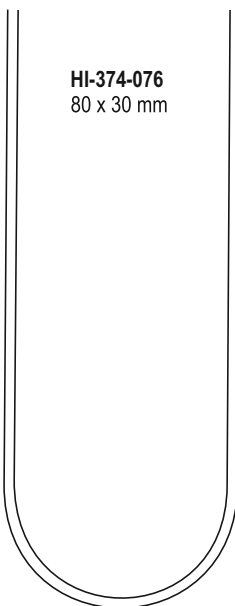
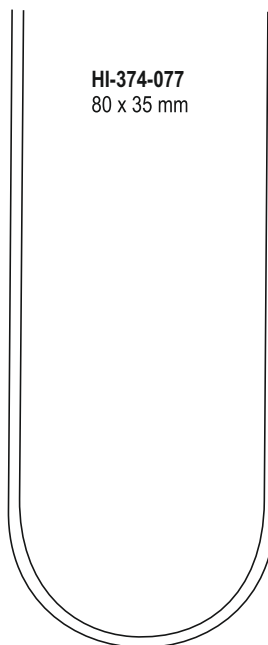
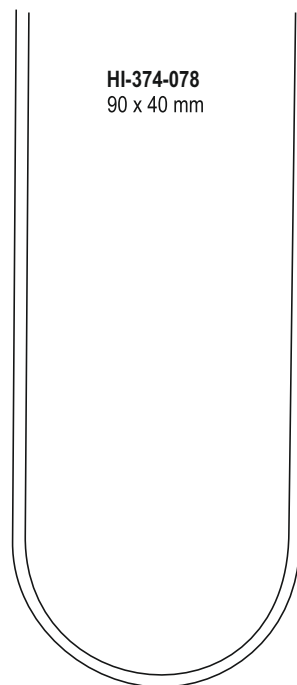
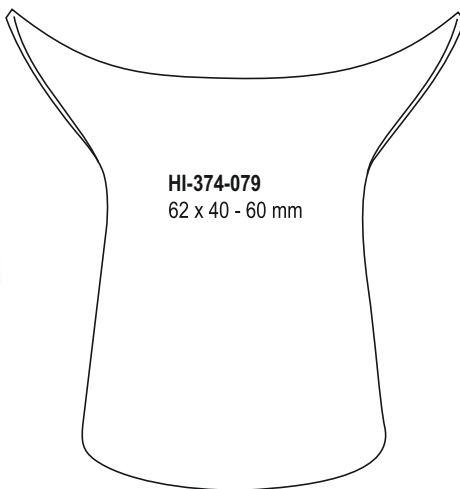
Braun
HI-373-073
18 cm
Vaginal speculum

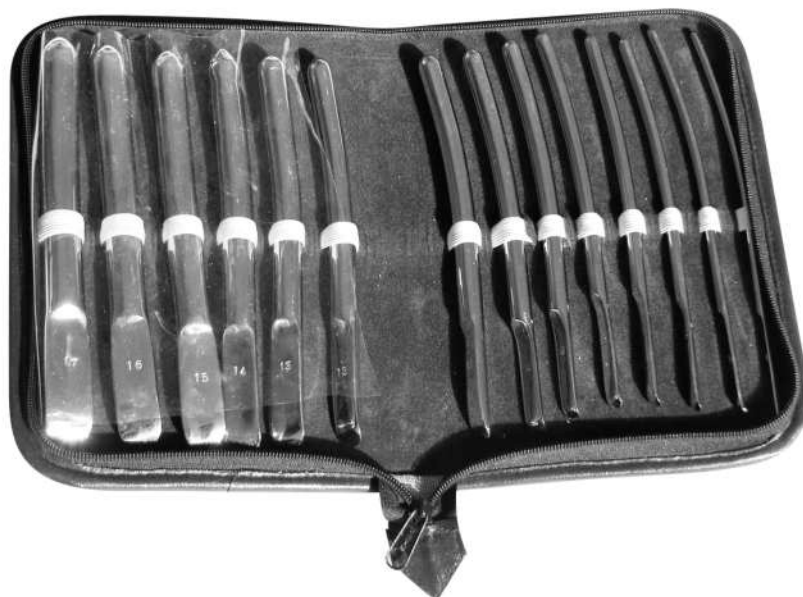


Mathieu
HI-373-074
21 cm
Speculum for
children and virgins



Mathieu
HI-373-075
21 cm
Vaginal retractor
for children and virgins

Scherbak
Specula Blade, OnlyHI-374-076
80 x 30 mmHI-374-077
80 x 35 mmHI-374-078
90 x 40 mmScherbak
Specula Blade, OnlyHI-374-079
62 x 40 - 60 mmHI-374-080
81 x 45 - 70 mmScherbak
HI-374-081



1/2

1 mm	HI-375-082	1.5 mm	HI-375-108
2 mm	HI-375-083	2.5 mm	HI-375-109
3 mm	HI-375-084	3.5 mm	HI-375-110
4 mm	HI-375-085	4.5 mm	HI-375-111
5 mm	HI-375-086	5.5 mm	HI-375-112
6 mm	HI-375-087	6.5 mm	HI-375-113
7 mm	HI-375-088	7.5 mm	HI-375-114
8 mm	HI-375-089	8.5 mm	HI-375-115
9 mm	HI-375-090	9.5 mm	HI-375-116
10 mm	HI-375-091	10.5 mm	HI-375-117
11 mm	HI-375-092	11.5 mm	HI-375-118
12 mm	HI-375-093	12.5 mm	HI-375-119
13 mm	HI-375-094	13.5 mm	HI-375-120
14 mm	HI-375-095	14.5 mm	HI-375-121
15 mm	HI-375-096	15.5 mm	HI-375-122
16 mm	HI-375-097	16.5 mm	HI-375-123
17 mm	HI-375-098	17.5 mm	HI-375-124
18 mm	HI-375-099		
19 mm	HI-375-100		
20 mm	HI-375-101		
21 mm	HI-375-102		
22 mm	HI-375-103		
23 mm	HI-375-104		
24 mm	HI-375-105		
25 mm	HI-375-106		
26 mm	HI-375-107		

HI-375-125
set of 14 pieces (full sizes) from 4 to 17 mm without pouch

HI-375-126
set of 14 pieces (full sizes) from 4 to 17 mm in pouch

HI-375-127
set of 26 pieces (full sizes) from 1 to 26 mm without pouch

HI-375-128
pouch only, for Ø 4-7 mm

HI-375-129
set complete, packed in pouch

Hegar
HI-375-082 - HI-375-124
18.5 cm



1/2

Hegar
HI-376-130 - HI-376-142
20 cm

HI-376-130	1.0 / 2.0 mm
HI-376-131	3.0 / 4.0 mm
HI-376-132	5.0 / 6.0 mm
HI-376-133	7.0 / 8.0 mm
HI-376-134	9.0 / 10.0 mm
HI-376-135	11.0 / 12.0 mm
HI-376-136	13.0 / 14.0 mm
HI-376-137	15.0 / 16.0 mm
HI-376-138	17.0 / 18.0 mm
HI-376-139	19.0 / 20.0 mm
HI-376-140	21.0 / 22.0 mm
HI-376-141	23.0 / 24.0 mm
HI-376-142	25.0 / 26.0 mm



Hegar
HI-376-143
set of 8 pieces from 3/4 to 17/18 mm packed in pouch

Uterine Dilators

Gebärmutter-Dilatatoren
Dilatadores Uterinos
Dilatadores uterinos

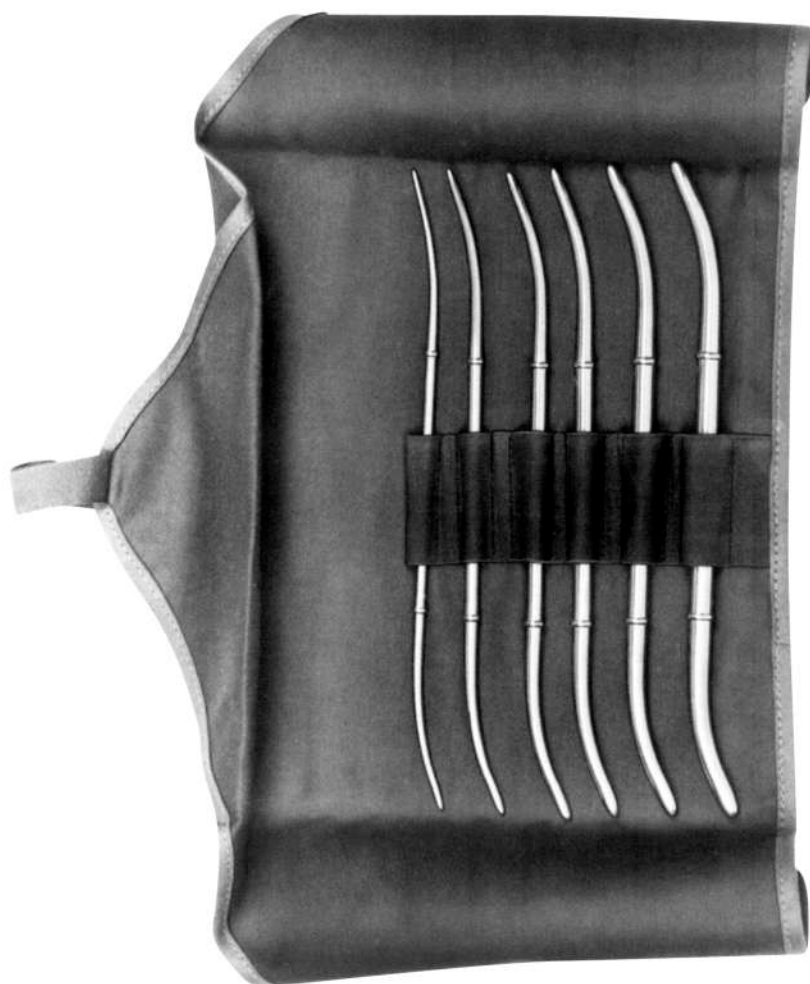


1/2

Hank
HI-377-144 - HI-377-149
26.5 cm
American scaler

Fig. mm

HI-377-144	9 / 10	4.5 / 5.0
HI-377-145	11 / 12	5.5 / 6.0
HI-377-146	13 / 14	6.5 / 7.0
HI-377-147	15 / 16	7.5 / 8.0
HI-377-148	17 / 18	8.5 / 9.0
HI-377-149	19 / 20	9.5 / 10.0



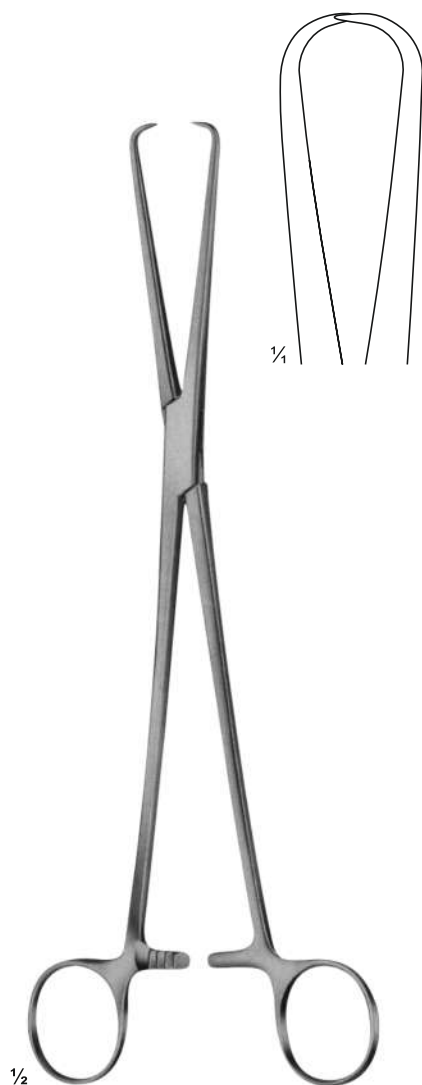
Hank
HI-377-150
Set of 6 piezas in boilable canvas roll

Uterine Tenaculum Forceps

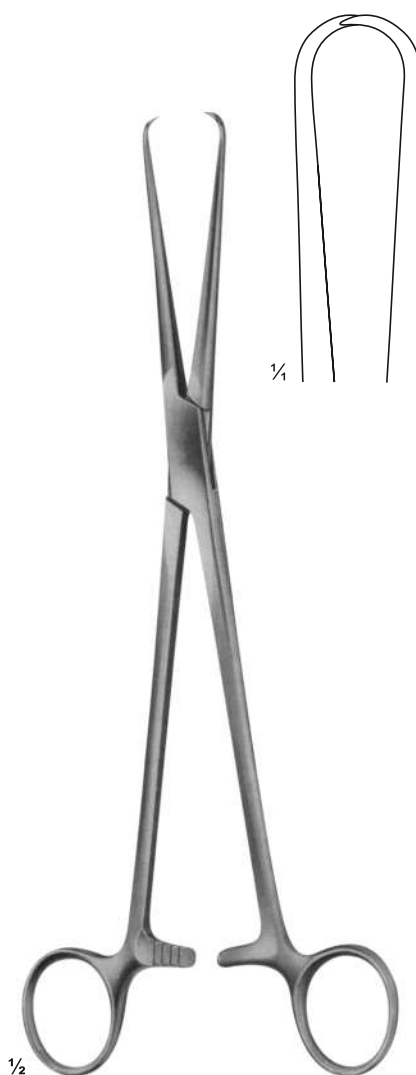
Uterine Tenaculum Pinzette

Pinça de Tenaculum Uterina

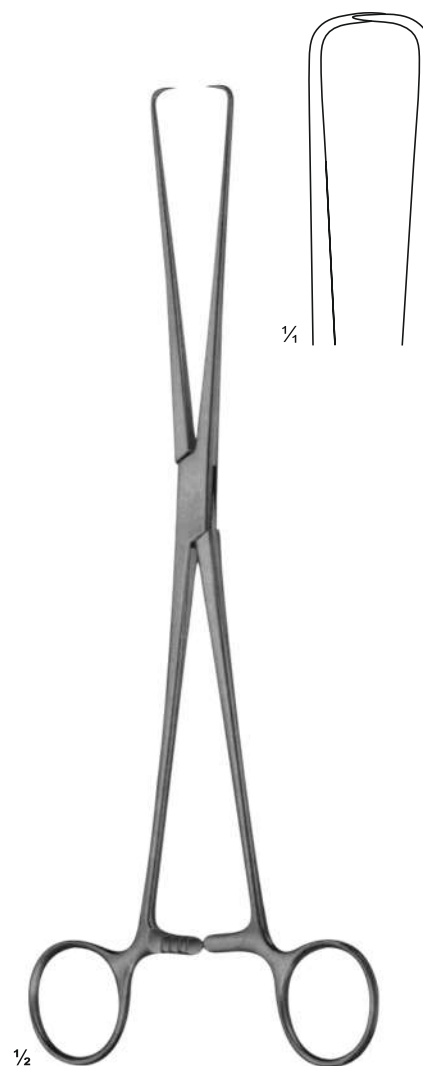
Pinza tenaculum uterina



Schröder
HI-378-151
25.5 cm



Pozzi
HI-378-152
25.5 cm
Heavy type



Braun
HI-378-153
26 cm

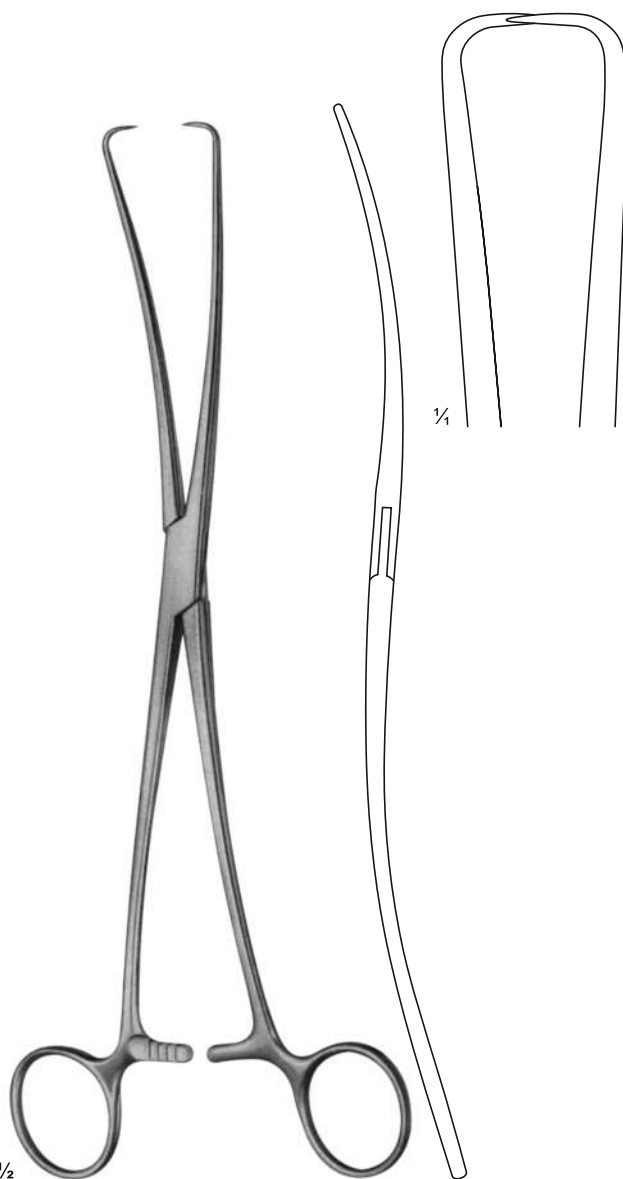
Amniotome, Uterine Tenaculum Forceps

Amniotom, Uterine Tenaculum Pinzette
Amniotome, fórceps de tenaculum uterino
Amniotome, fórceps del tenáculo uterino



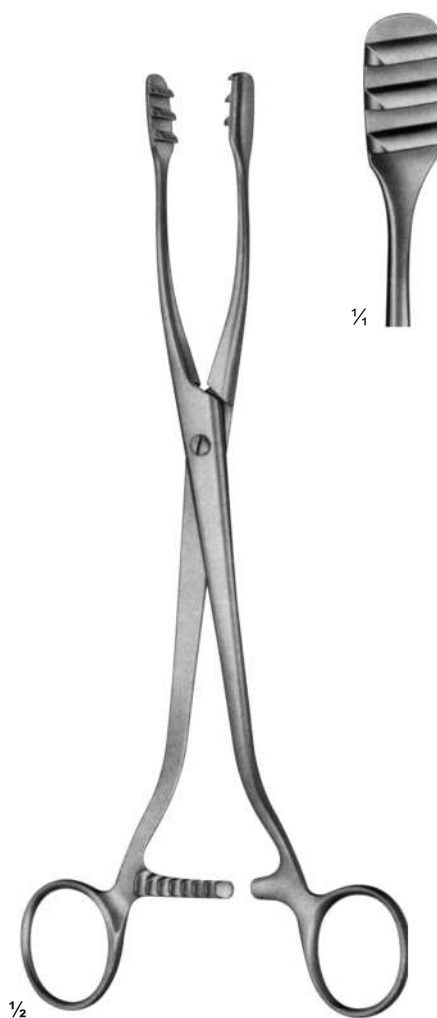
1/2

Beacham
HI-379-154
26 cm
Amniotome



1/2

Duplay
HI-379-155
28 cm



1/2

Collin
HI-379-156
25 cm

Uterine Tenaculum Forceps

Uterine Tenaculum Pinzette

Pinça de Tenaculum Uterina

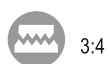
Pinza tenaculum uterina



Skene
HI-380-157
24 cm



Teale
HI-380-158
23 cm

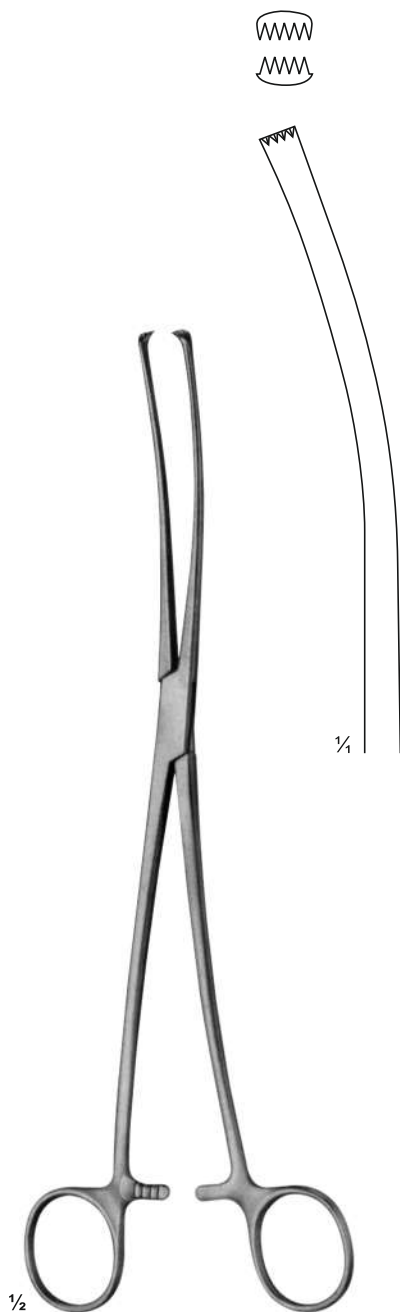


Kustner
HI-380-159
25 cm

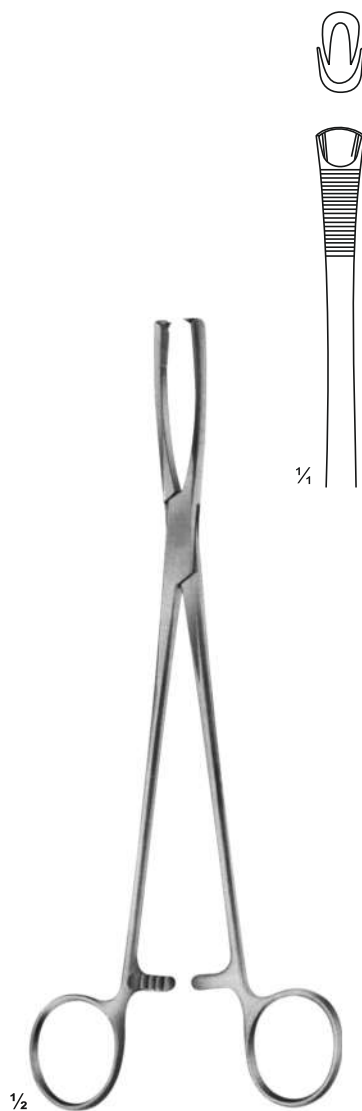


Uterine Tenaculum Forceps

Uterine Tenaculum Pinzette
Pinça de Tenaculum Uterina
Pinza tenaculum uterina



Lova
HI-381-160
26 cm



Jacobs
HI-381-161
21 cm



Museux
HI-381-162
20 cm



Uterine Tenaculum Forceps

Uterine Tenaculum Pinzette

Pinça de Tenaculum Uterina

Pinza tenaculum uterina



HI-382-163
6 mm



HI-382-166
9 mm



HI-382-169
6 mm



HI-382-164
8 mm



HI-382-167
11 mm



HI-382-170
8 mm



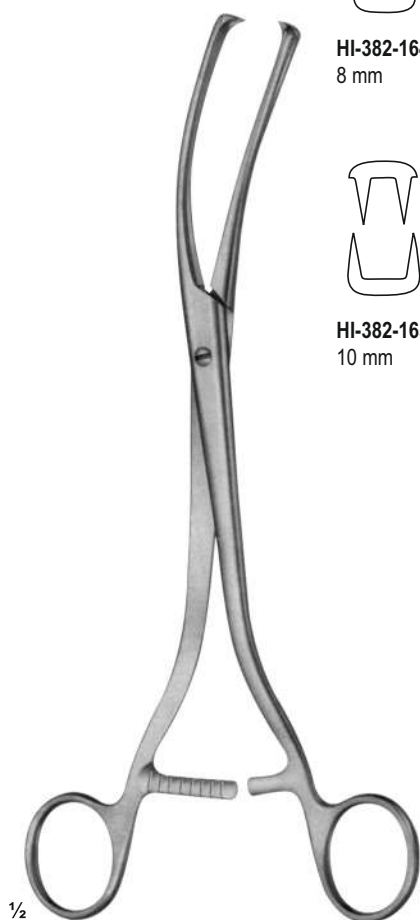
HI-382-165
10 mm



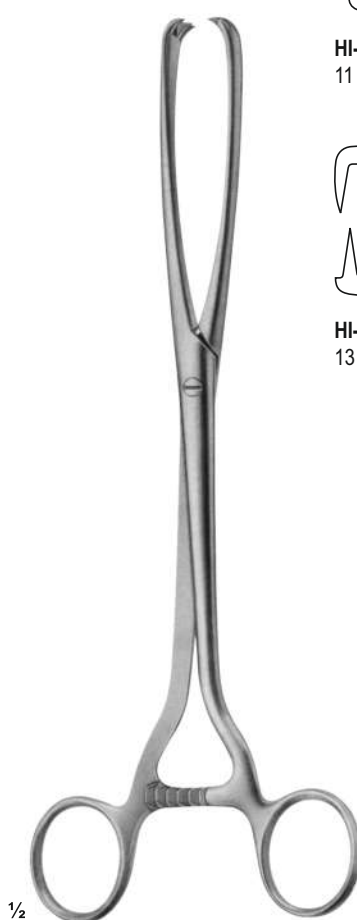
HI-382-168
13 mm



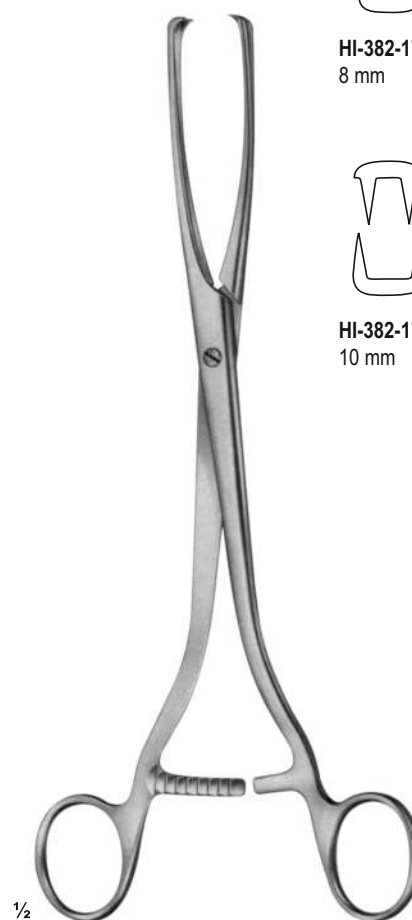
HI-382-171
10 mm



Museux
HI-382-163 - HI-382-165
24 cm
Curved sideways



Museux
HI-382-166 - HI-382-168
24 cm
Curved sideways

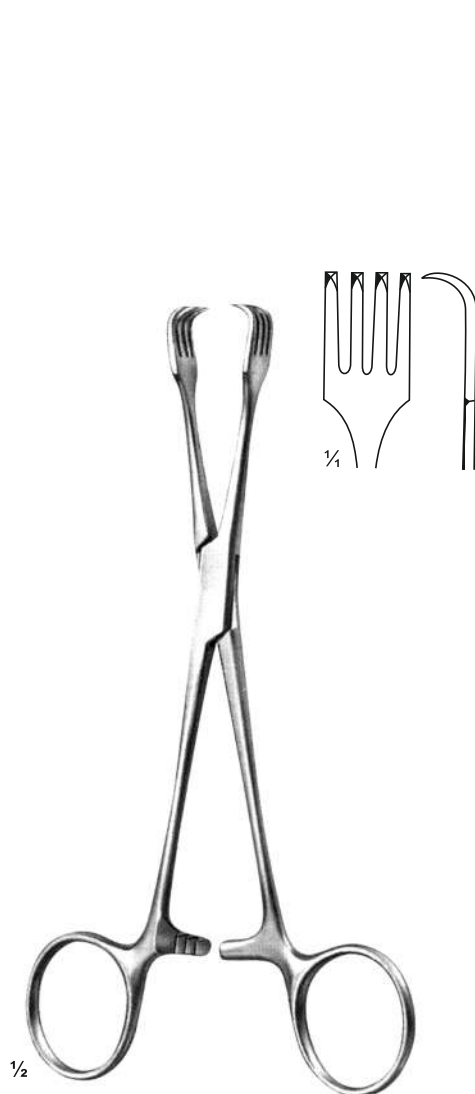


Museux
HI-382-169 - HI-382-171
24 cm

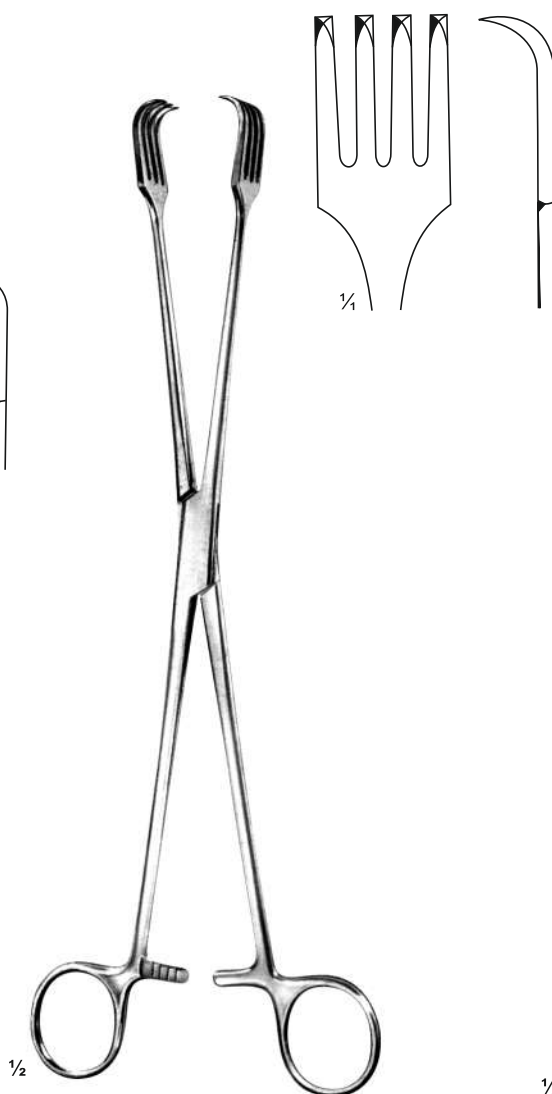


Uterine Tenaculum Forceps

Uterine Tenaculum Pinzette
Pinça de Tenaculum Uterina
Pinza tenaculum uterina



Baron
HI-383-172
21 cm



HI-383-173
26.5 cm



Schröder
HI-383-174
27 cm

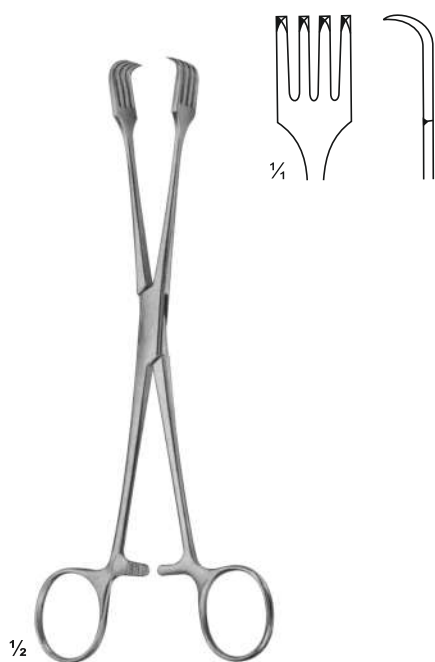


Uterine Tenaculum Forceps

Uterine Tenaculum Pinzette

Pinça de Tenaculum Uterina

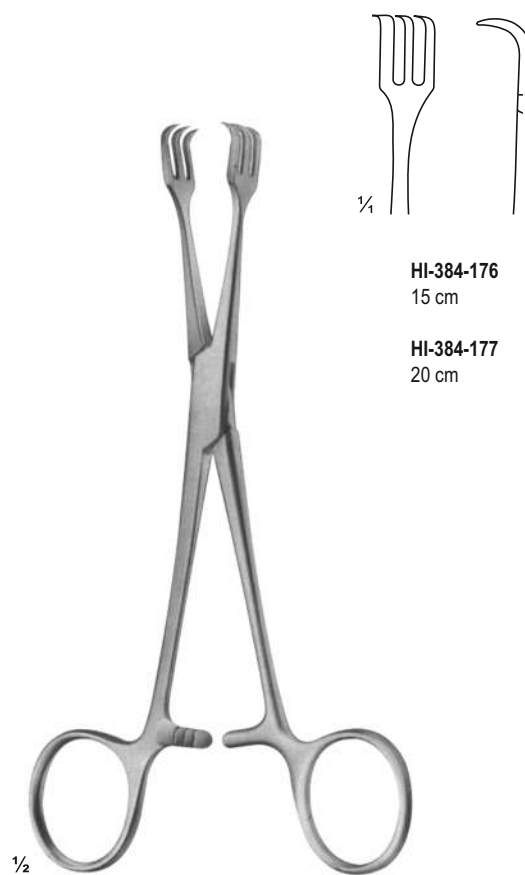
Pinza tenaculum uterina



Czerny
HI-384-175
16 cm



4:4



HI-384-176
15 cm

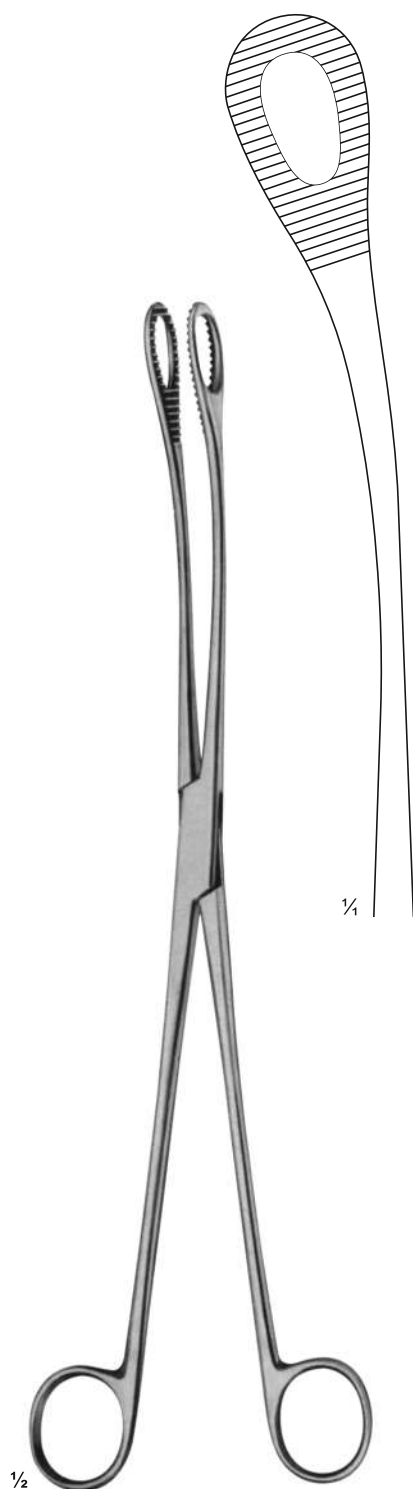
HI-384-177
20 cm



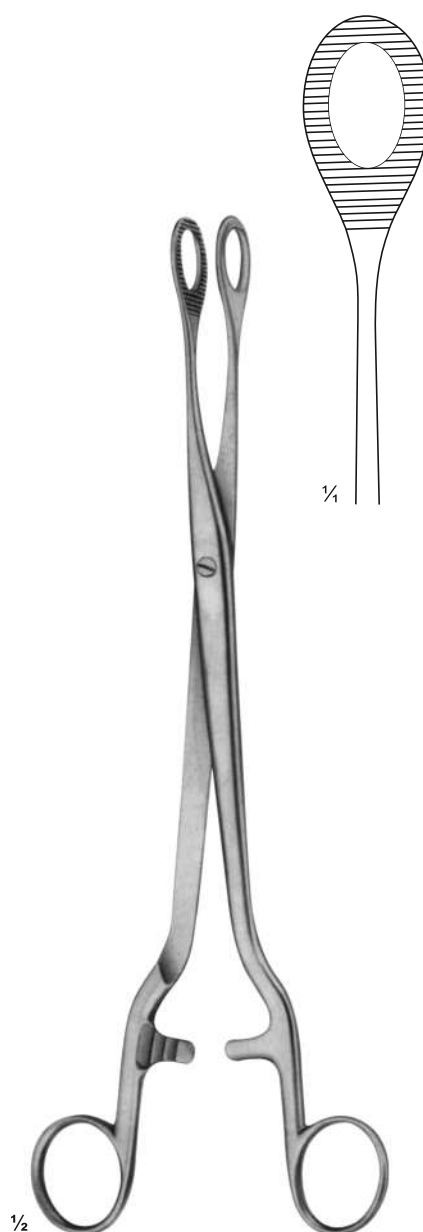
3:3

Uterine Tenaculum Forceps

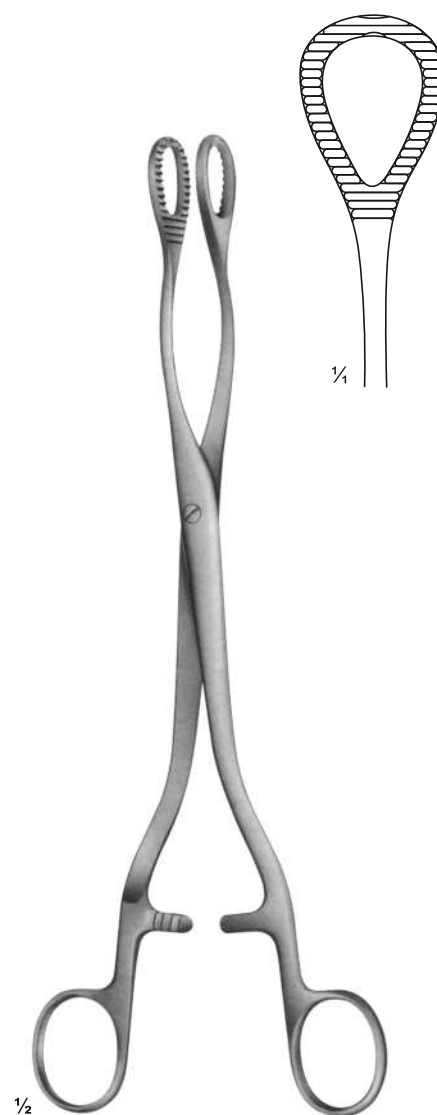
Uterine Tenaculum Pinzette
Pinça de Tenaculum Uterina
Pinza tenaculum uterina



Kelly
HI-385-178
31.5 cm



Noto
HI-385-179
27 cm



Heywood-Smith
HI-385-180
26 cm

Fistula Hooks, Conization Knife

Fistula Hooks, Konizationsmesser
 Ganchos de fístula, faca de conização
 Ganchos de Fístula, Cuchillo de Conización

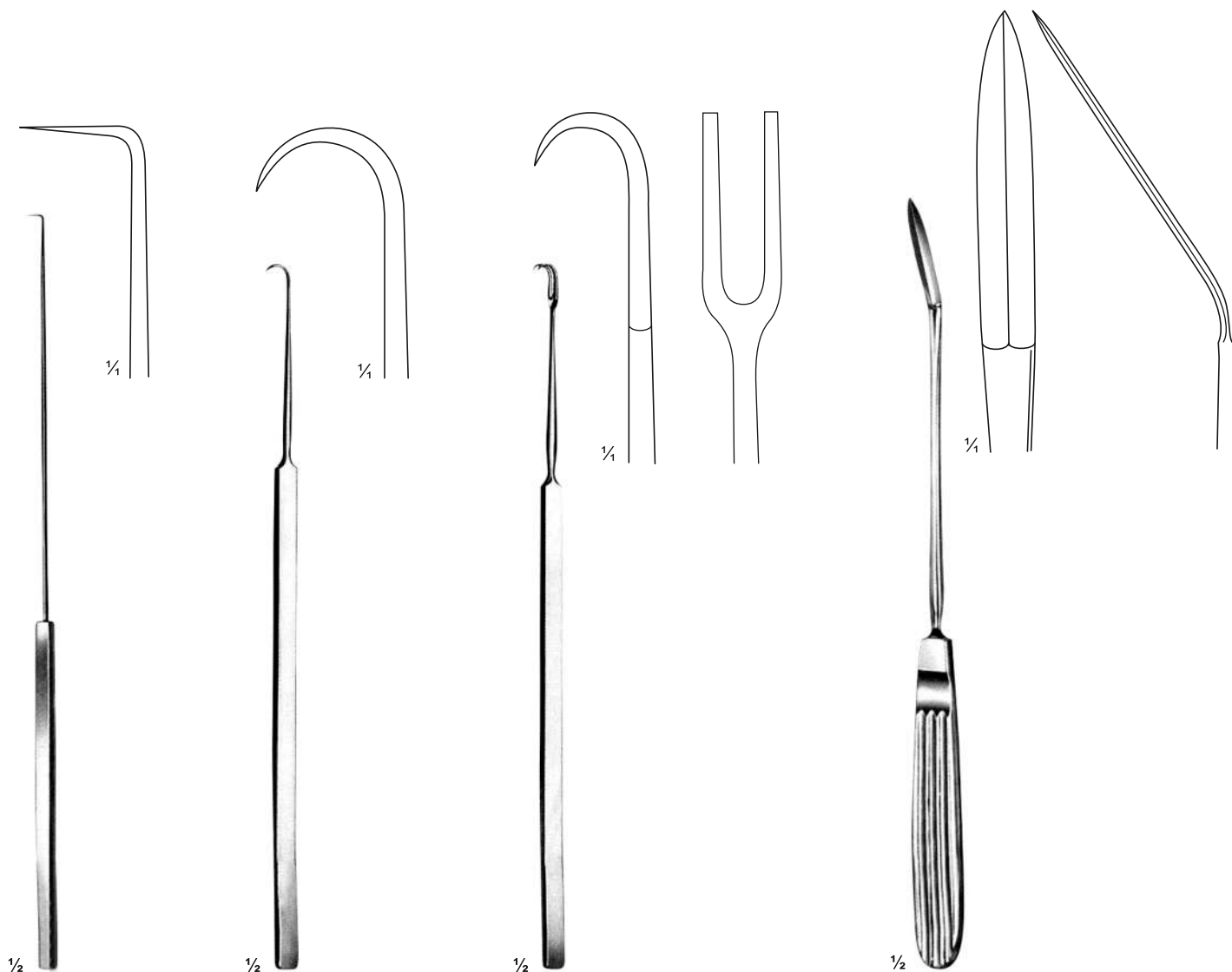


Fig. 3
 Emmett
HI-386-181
 23 cm

Simon
HI-386-182
 22 cm

Simon
HI-386-183
 22 cm

Ayre
HI-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
HI-387-185
23 cm
10 x 7 mm



Fig. 2
HI-387-186
23.5 cm
12 x 8 mm



Fig. 3
HI-387-187
24 cm
13 x 10 mm



Fig. 4
HI-387-188
24 cm
16 x 12 mm



Fig. 5
HI-387-189
24 cm
18 x 13 mm



Fig. 6
HI-387-190
24 cm
20 x 15 mm



1/2

Simon
HI-387-185 - HI-387-190
24 cm
Uterine scoop
sharp, rigid



Fig. 1
HI-387-191
10 x 7 mm



Fig. 2
HI-387-192
12 x 8 mm



Fig. 3
HI-387-193
13 x 10 mm



Fig. 4
HI-387-194
16 x 12 mm



Fig. 5
HI-387-195
18 x 13 mm



HI-387-196
20 x 15 mm



1/2

Simon
HI-387-191 - HI-387-196
30 cm
Uterine scoop
sharp, rigid



1/2

Schröder
HI-387-197 - HI-387-202
Uterine scoop
sharp, rigid



Fig. 1
HI-387-197
10 x 7 mm



Fig. 2
HI-387-198
12 x 8 mm



Fig. 3
HI-387-199
13 x 10 mm



Fig. 4
HI-387-200
16 x 12 mm



Fig. 5
HI-387-201
18 x 13 mm



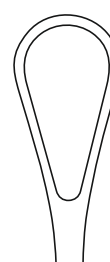
Fig. 6
HI-387-202
20 x 15 mm



1/2

Blake
HI-387-203
27.5 cm
Uterine curettes

Blunt
13 mm



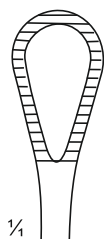
1/4



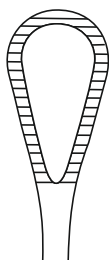
Sharp
8 mm

Uterine Curettes

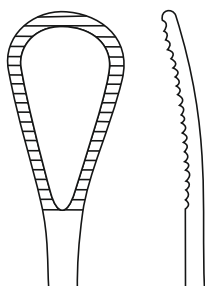
Uterine Küretten
Curetas Uterinas
Curetas uterinas



HI-388-204
10 mm



HI-388-205
12 mm



HI-388-206
14 mm

$\frac{1}{2}$

Greene
HI-388-204 - HI-388-206
28 cm



Fig. 1
HI-388-207



Fig. 2
HI-388-208



Fig. 3
HI-388-209



Fig. 4
HI-388-210

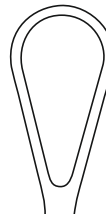


Fig. 5
HI-388-211

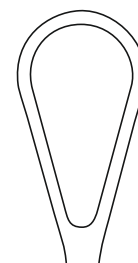


Fig. 6
HI-388-212

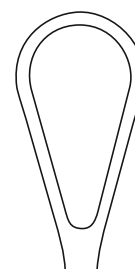


Fig. 7
HI-388-213

$\frac{1}{2}$

Sims
HI-388-207 - HI-388-213 (Sharp)
HI-388-214 - HI-388-220 (Blunt)
25.5 cm
Flat handle



Obstetrics

Geburtshilfe

Obstetrícia

Obstetricia

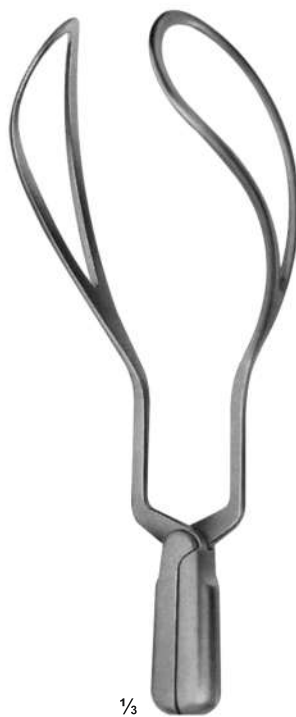
Page 390-394



HI-390-001
36.5 cm

HI-390-002
40.5 cm

Nögele
HI-390-001 - HI-390-002
36.5 cm



Wrigley
HI-390-003
28 cm



Simpson
HI-390-004
30.5 cm



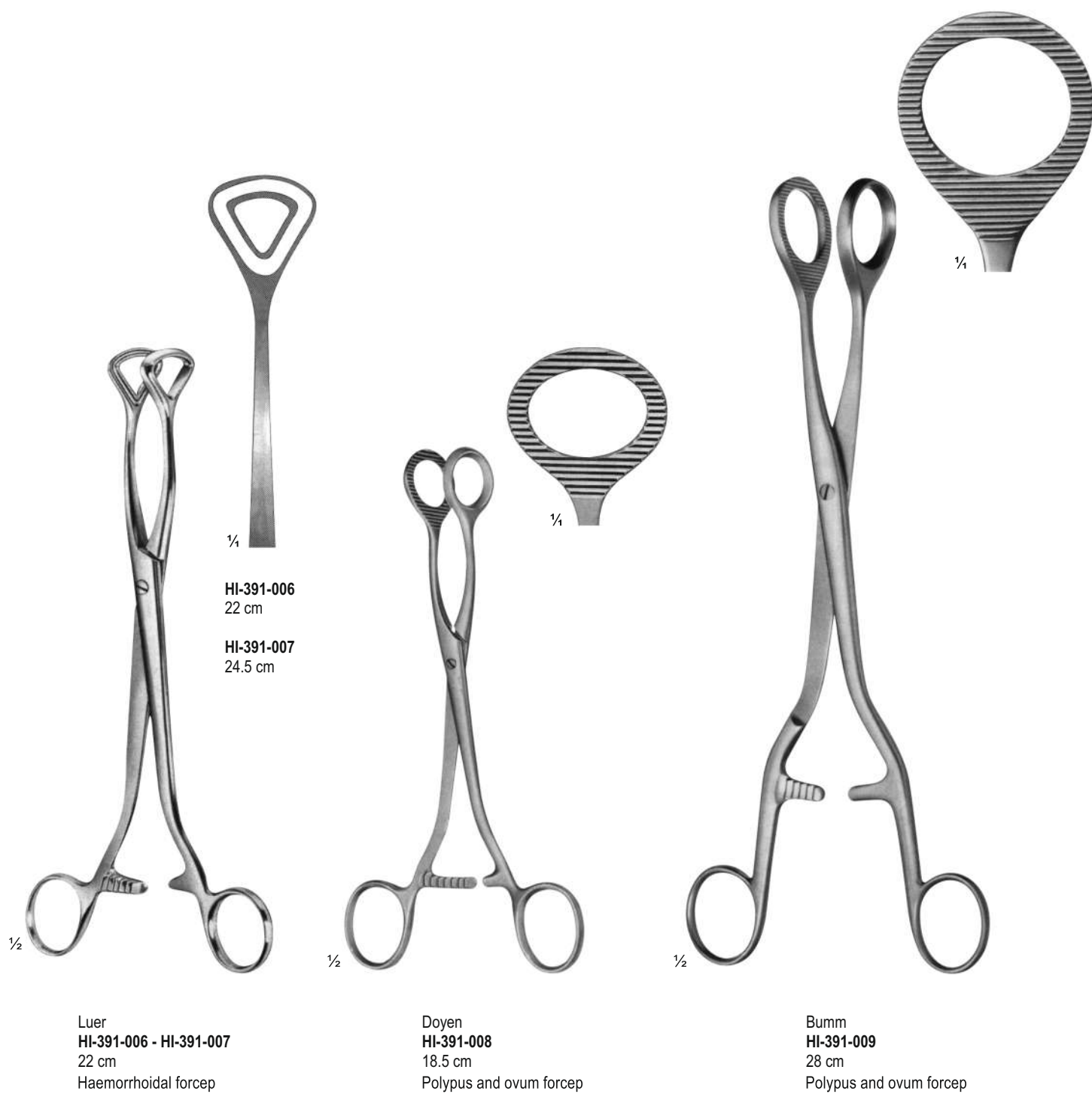
Simpson
HI-390-005
36.5 cm

Haemorrhoidal Forceps, Polypus, Ovum Forceps

Hämorrhoiden, Polypus, Ovum Pinzette

Pinça Hemorroidal, Polypus, Pinça Ovum

Pinzas hemorroidales, pólipos, pinzas de óvulos

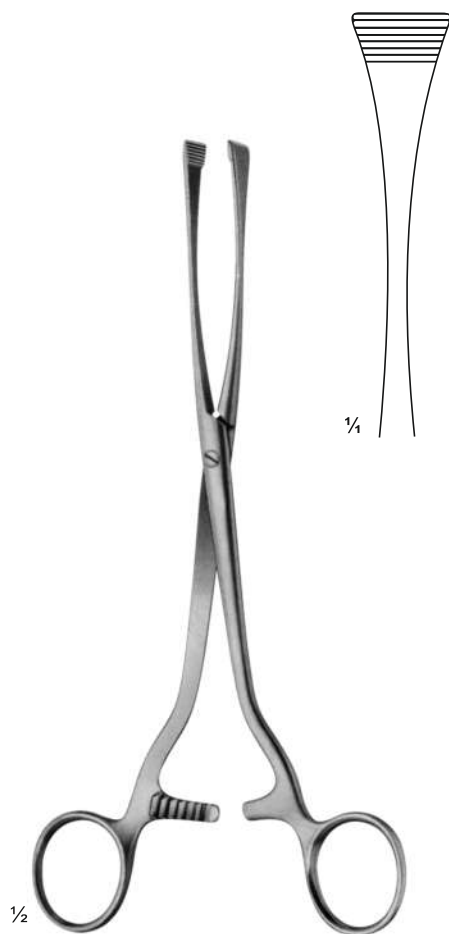


Placenta, Ovum Forceps

Plazenta, Ovum Pinzette

Placenta, Fórceps Ovum

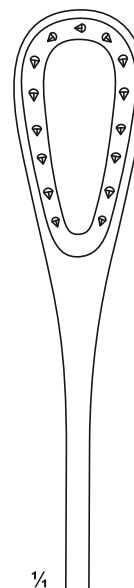
Placenta, fórceps de óvulo



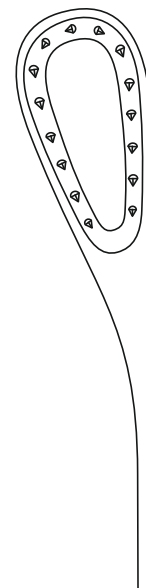
Green-Armytage
HI-392-010
21 cm
Uterine clamp



Sanger
HI-392-011 - HI-392-012
27.5 cm
Placenta and ovum forcep



HI-392-011
27.5 cm
Straight



HI-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
 HI-393-013
 18.5 cm
 Scalp flap forceps

Gauss
 HI-393-014
 26 cm
 Scalp flap forceps

Sellheim
 HI-393-015
 32 cm
 Obstetrical lever



Calipers

Bremssättel

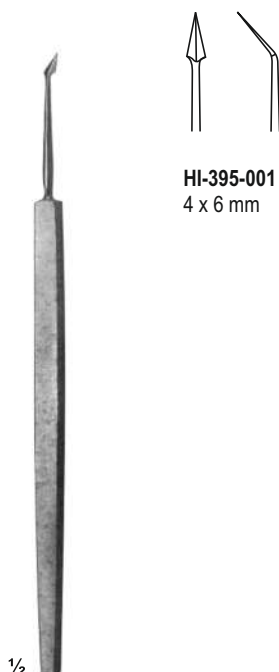
Pinças

Calibrador

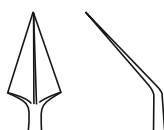
Page 395-397

Trowel Knives, Calipers

Kelle Messer, Bremssättel
Facas de colher de pedreiro, pinças
Paleta cuchillos, pinzas



HI-395-001
4 x 6 mm



HI-395-002
7 x 11 mm

1/2

HI-395-001 - HI-395-002
16.5 cm
Trowel knife



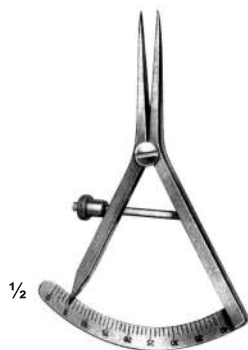
Castroviejo
HI-395-003
8 cm
Effective range
0-15 mm



Castroviejo
HI-395-004
8 cm
Effective range
0-20 mm



Castroviejo
HI-395-005
8 cm
Effective range
0-20 mm



Castroviejo-Epker
HI-396-006
9 cm
Effective range
0-40 mm



Castroviejo-Epker
HI-396-007
18 cm
Effective range
0-40 mm



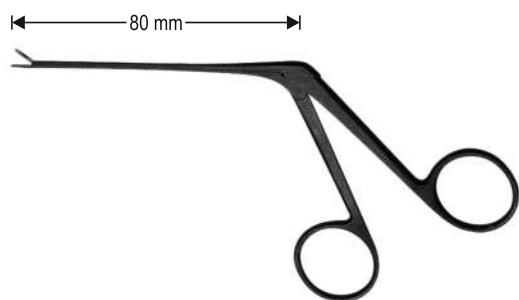
Otology

Otologie

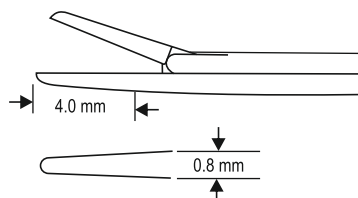
Otologia

Otología

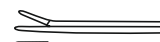
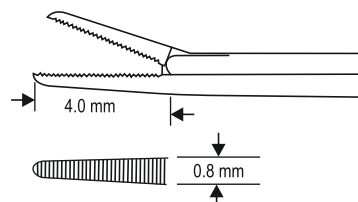
Page 398-412



HI-398-001 - HI-398-005



HI-398-001
4.0 x 0.8 mm
Smooth, straight



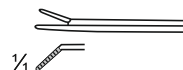
HI-398-002
4.0 x 0.8 mm
Serrated, straight



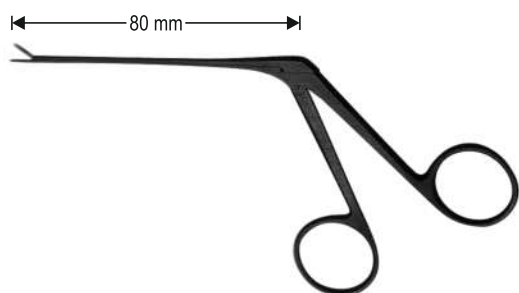
HI-398-003
4.0 x 0.8 mm
Sent upwards, serrated



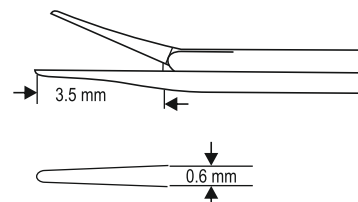
HI-398-004
4.0 x 0.8 mm
Right, serrated



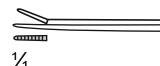
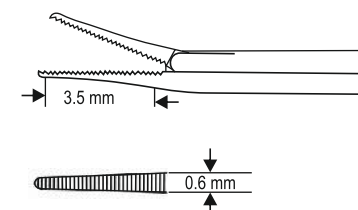
HI-398-005
4.0 x 0.8 mm
Left, serrated



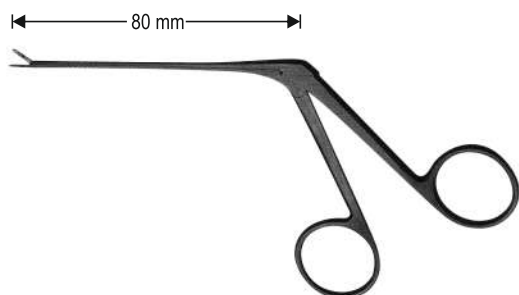
Mini-McGee
HI-398-006 - HI-398-007



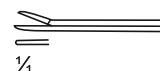
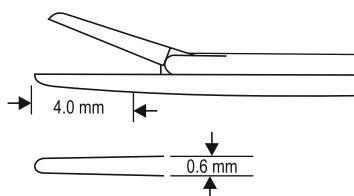
HI-398-006
3.5 x 0.6 mm
Smooth, straight



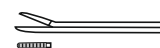
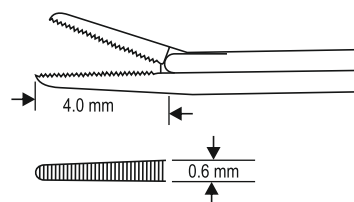
HI-398-007
3.5 x 0.6 mm
Serrated, straight



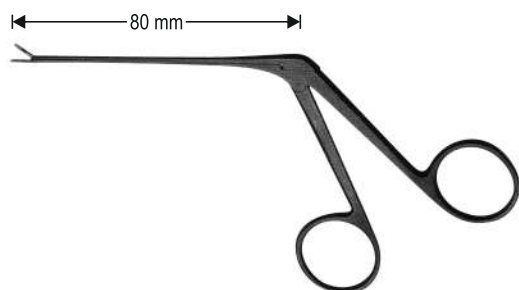
HI-399-008



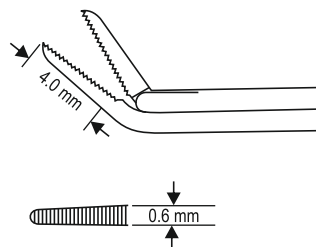
Smooth, straight



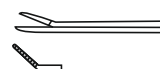
HI-399-009
4.0 x 0.6 mm
Serrated, straight



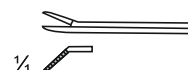
HI-399-009 - HI-399-012



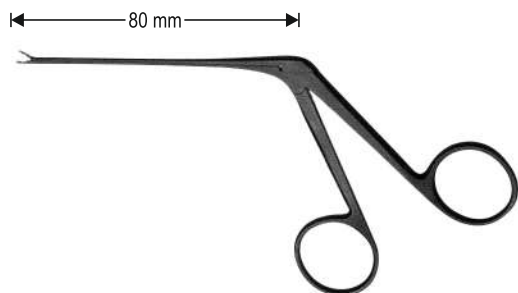
HI-399-010
4.0 x 0.6 mm
Bent upwards, serrated



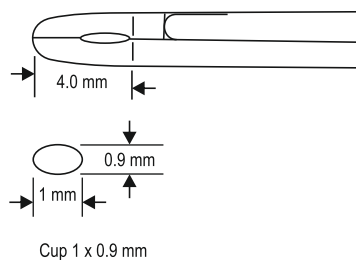
HI-399-011
4.0 x 0.6 mm
Bight, serrated



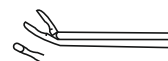
HI-399-012
4.0 x 0.6 mm
Left, serrated



HI-400-013 - HI-400-016



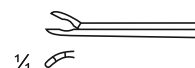
HI-400-013
4.0 mm
Straight



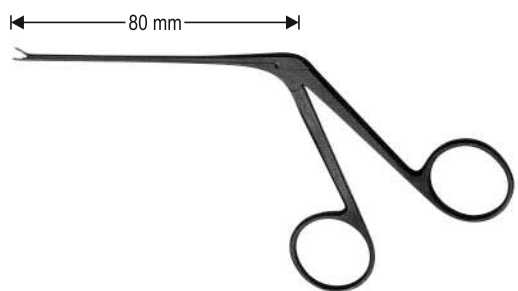
HI-400-014
4.0 mm
Bent upward



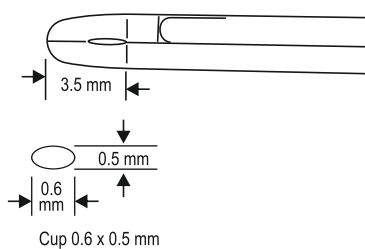
HI-400-015
4.0 mm
Right



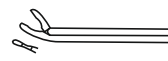
HI-400-016
4.0 mm
Left



Mini-McGee
HI-400-017 - HI-400-020



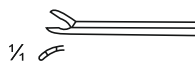
HI-400-017
3.5 mm
Straight



HI-400-018
3.5 mm
Bent Upward



HI-400-019
3.5 mm
Right



HI-400-020
3.5 mm
Left



1/4



Fig. 1
HI-401-121
5.5 X 6.5 mm



Fig. 2
HI-401-122
6.5 X 7.5 mm



Fig. 3
HI-401-123
7.5 X 8.5 mm



Fig. 4
HI-401-124
8.5 X 9.5 mm



Fig. 5
HI-401-125
9.5 X 10.5 mm



Fig. 6
HI-401-126
10.5 X 11.5 mm

Zöllner
HI-401-121 - HI-401-127
Oval, black

Fig. 1-6
HI-401-127
Ear specula set
for adults



1/4



Fig. 1
HI-401-128
Ø 2 mm



Fig. 2
HI-401-129
Ø 3 mm



Fig. 3
HI-401-130
Ø 4 mm



Fig. 4
HI-401-131
Ø 5 mm

Poltzer
HI-401-128 - HI-401-132

Fig. 1-4
HI-401-132
Set of 4
for adults



1/4



Fig. 0
HI-401-133
Ø 3.0 mm



Fig. 1
HI-401-134
Ø 4.5 mm



Fig. 2
HI-401-135
Ø 5.5 mm

Boucheron
HI-401-133 - HI-401-136

Fig. 0-2
HI-401-136
Set of 3
for children



1/4



Fig. 1
HI-401-137
Ø 4.5 mm



Fig. 2
HI-401-138
Ø 5.5 mm



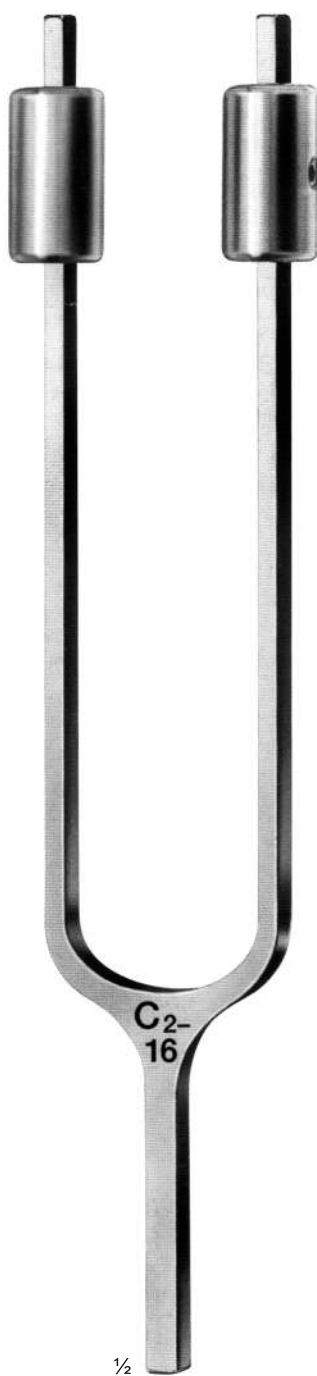
Fig. 3
HI-401-139
Ø 6.5 mm



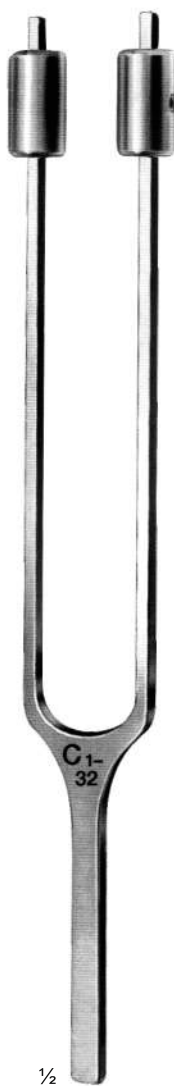
Fig. 4
HI-401-140
Ø 7.5 mm

Hartmann
HI-401-137 - HI-401-141

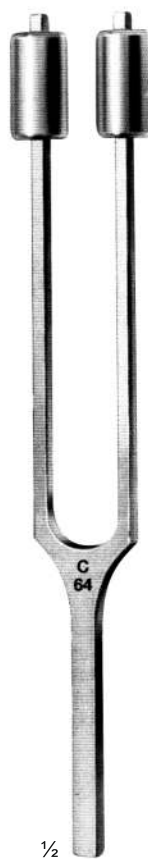
Fig. 1-4
HI-401-141
Set of 4
for adults



French
HI-402-142
C. 16



French
HI-402-143
C. 32



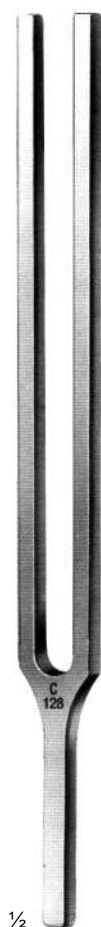
Hartmann
HI-402-144
C 64



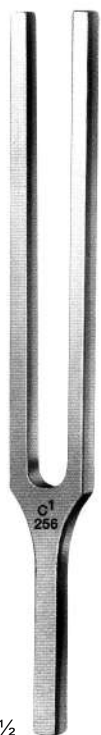
Hartmann
HI-402-145
C 128



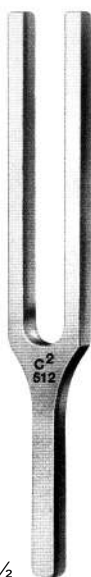
Hartmann
HI-402-146
C' 256



Hartmann
HI-403-147
C 128



Hartmann
HI-403-148
C¹ 256



Hartmann
HI-403-149
C² 512



Hartmann
HI-403-150
C³ 1024



Hartmann
HI-403-151
C⁴ 2048

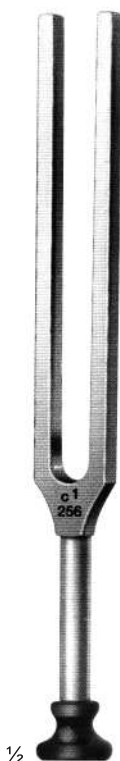


Hartmann
HI-403-152
C⁵ 4096



1/2

Lucae
HI-404-153
C 128



1/2

Lucae
HI-404-154
C 256



1/2

Lucae
HI-404-155
C 512



1/2

Lucae
HI-404-156
C 1024



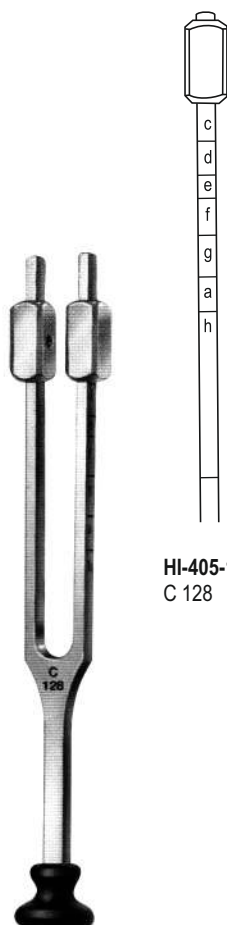
1/2

Lucae
HI-404-157
C 2048



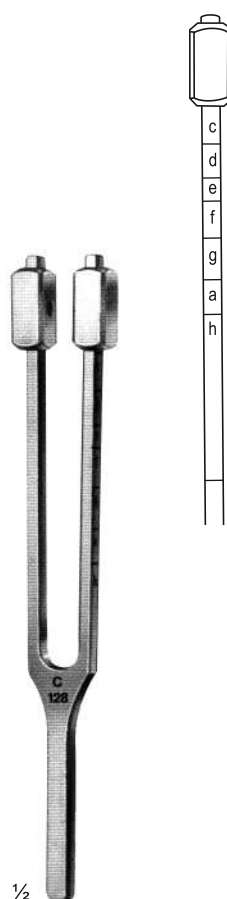
1/2

Lucae
HI-404-158
C 4096

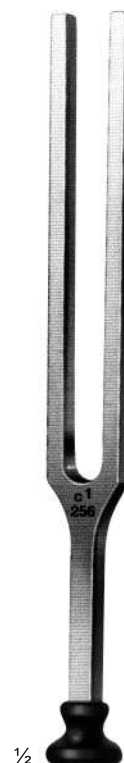


HI-405-159
C 128

HI-405-160
Socket, only



Hartmann
HI-405-161
C 128
Moveable up to h



HI-405-163
Socket, only

Hartmann
HI-405-162
C' 256
HI-405-162 - HI-405-163

Lucae
HI-405-159 - HI-405-160
C 128
Moveable up to h

HI-406-165
Damper
white scale



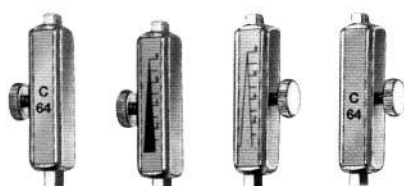
HI-406-166
Damper
black scale



HI-406-167
knurled screw



HI-406-168
Weights, C 64



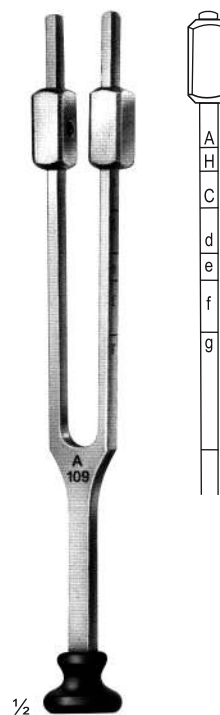
1/2

Rydel-Seiffert
HI-406-164 - HI-406-168
C 64 / C 128
Also for neurologyie



1/2

Neuro
HI-406-169
With hammer, pinwheel,
brush and needle



1/2

König
HI-406-170 - HI-406-172
A 109
Moveable up to h

HI-406-171
Bakelit base



HI-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
HI-407-173



Fig. 2
HI-407-174



Fig. 3
HI-407-175

Hartmann
HI-407-173 - HI-407-175
15 cm
Ear catheters



Krause
HI-407-176 - HI-407-177
HI-407-176 18.5 cm
HI-407-177 26 cm
Open tip



Krause-Voss
HI-407-178 - HI-407-180
HI-407-178 18.5 cm
HI-407-179 26 cm
Closed tip

HI-407-180
Polypus snares



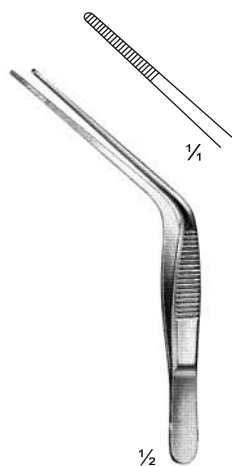
HI-407-178
HI-407-179



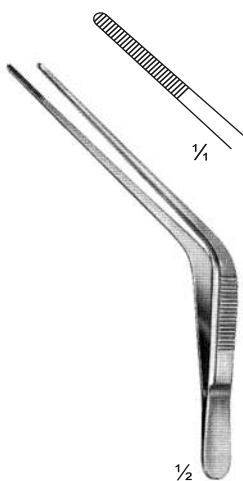
HI-407-181 - HI-407-182
HI-407-181 Ø 0.3 cm
HI-407-182 Ø 0.4 cm
Snare wire, coil of 10 m

Ear Forceps, Ear Polypus Forceps

Ohrzange, Ohrpolypenzange
Fórceps de Ouvido, Fórceps de Ortopédico
Pinzas para oídos, pinzas para polypus



Tröltsch (Wilde)
HI-408-183
10.5 cm



Tröltsch (Wilde)
HI-408-184
11 cm



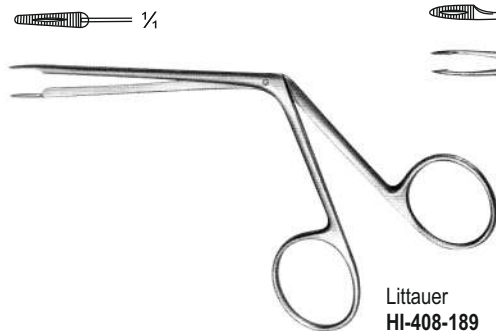
Tröltsch (Wilde)
HI-408-185
12.5 cm



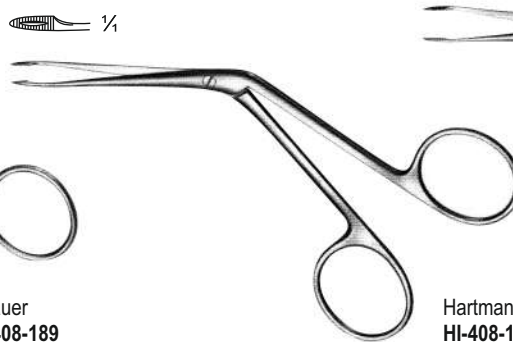
Grünwald
HI-408-186
12.5 cm



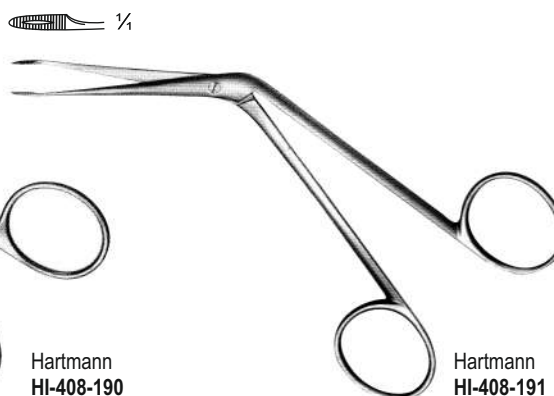
Jansen
HI-408-187 - HI-408-188
HI-408-187 16 cm
HI-408-188 21.5 cm



Littauer
HI-408-189
Ear polypus forceps
shaft length
75 mm



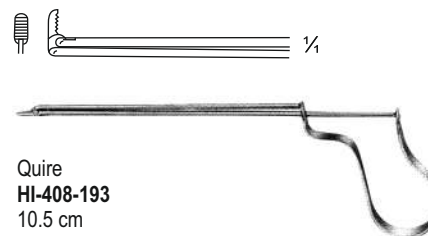
Hartmann
HI-408-190
Ear polypus forceps
delicate pattern
shaft length
65 mm



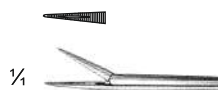
Hartmann
HI-408-191
Ear polypus forceps
regular model
shaft length
65 mm



Buck
HI-408-192
11.5 cm
Foreign body lever



Quire
HI-408-193
10.5 cm
Foreign body lever



Hartmann-Wullstein
HI-409-194
Shaft length
85 mm



Hartmann-Wullstein
HI-409-195
Ø 1.0 mm
Shaft length
85 mm



Hartmann
HI-409-196
Shaft length
85 mm



Hartmann
HI-409-198



Shaft length
85 mm



HI-409-194 - HI-409-204

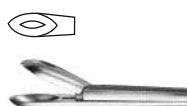
HI-409-197
Shaft length
140



Hartmann-Herzfelr
HI-409-199
2.0 mm
Shaft length
85 mm



Hartmann
HI-409-202
3.0 mm
Shaft length
85 mm



Strümpel
HI-409-203
Shaft length
85 mm



Hartmann-Hoffmar
HI-409-204
2.0 mm
Through-cutting
85 mm



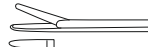
HI-409-200
Ø 2.5 mm
Shaft length
85 mm



HI-409-201
Ø 3.0 mm
Shaft length
85 mm



McGee
HI-409-205
Wire bending forceps
3.5 mm
length 0.8 mm



Fuller
HI-409-206
Introducing forceps
for teflon prosthesis
80 mm



HI-409-207
Up - cutting



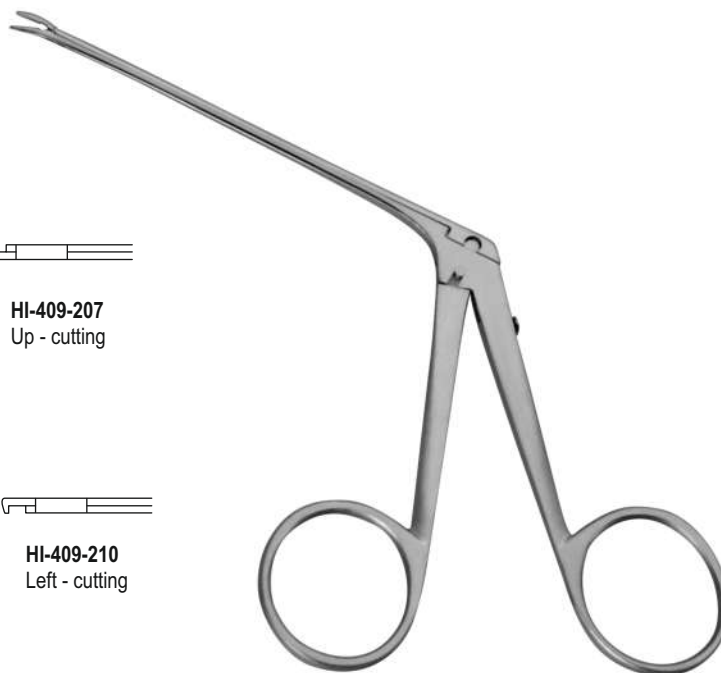
HI-409-208
Down - cutting



HI-409-209
Right - cutting



HI-409-210
Left - cutting



Dieter
HI-409-749-205 - HI-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



HI-410-211
Straight, oval
length 75 mm



HI-410-212
Curved upwards, oval
length 75 mm



HI-410-213
Curved to left, oval
length 75 mm



HI-410-214
Curved to right, oval
length 75 mm



HI-410-215
Curved downwards, oval
length 75 mm



HI-410-211 - HI-410-215



HI-410-216
Straight,
sharp/sharp
length 75 mm



HI-410-217
Curved upwards,
blunt/blunt
length 75 mm



HI-410-218
Curved to right,
sharp/sharp
length 75 mm



HI-410-219
Curved to left,
sharp/sharp
length 75 mm



HI-410-220
Straight,
sharp/blunt
length 75 mm



Belucci
HI-410-216 - HI-410-220

¼ C



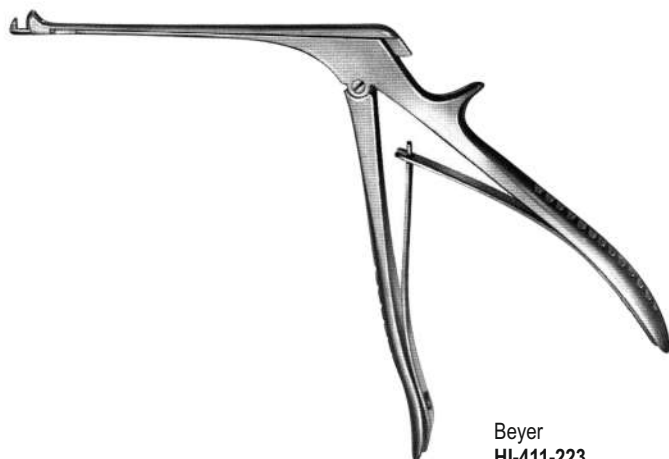
Citelli
HI-411-221
2 mm
Shaft length
75 mm

¼ C



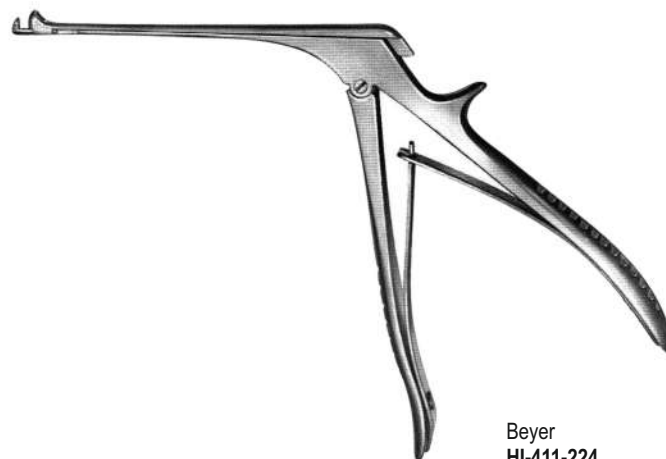
Citelli
HI-411-222
3 mm
Shaft length
75 mm

¼ C



Beyer
HI-411-223
2 mm
Shaft length
95 mm

¼ C



Beyer
HI-411-224
1 mm
Shaft length
95 mm

¼ ○

Fig. 1
HI-412-225



HI-412-233
Irrigation adapter

○

Fig. 2
HI-412-226



HI-412-234
Irrigation adapter

○

Fig. 3
HI-412-227



○

Fig. 4
HI-412-228



HI-412-230
50 ml
Complete with protection disc and 2 tips

HI-412-232
Ear syringe

○

Fig. 5
HI-412-229



½

Lempert
HI-412-225 - HI-412-229
21.5 cm
Ear scoop sharp



½

HI-412-231
100 ml
Complete with protection disc and 2 tips

HI-412-230 - HI-412-233



Rhinology

Rhinologie

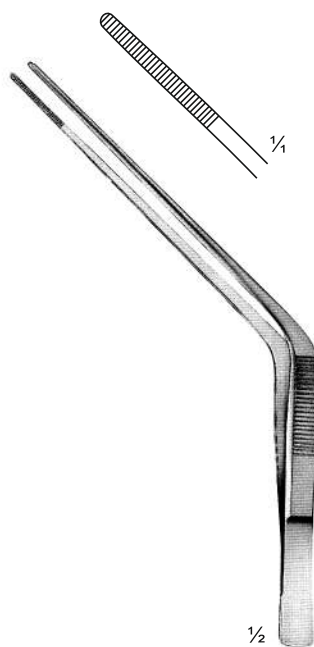
Rinologia

Rinología

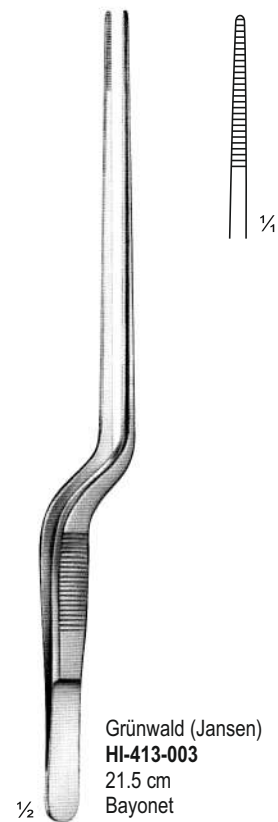
Page 413-431



Tröltsch
HI-413-001
14.5 cm



Tröltsch
HI-413-002
15.5 cm



Grünwald (Jansen)
HI-413-003
21.5 cm
Bayonet



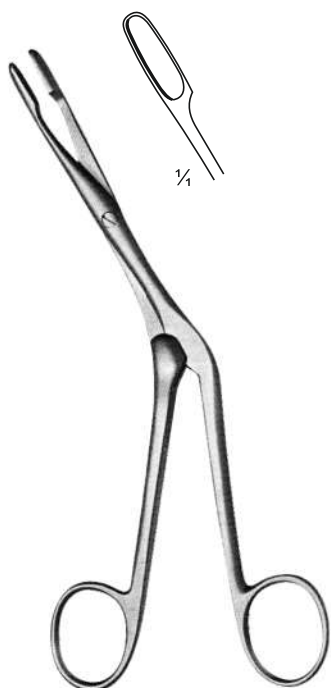
Westmacott
HI-413-004
20 cm



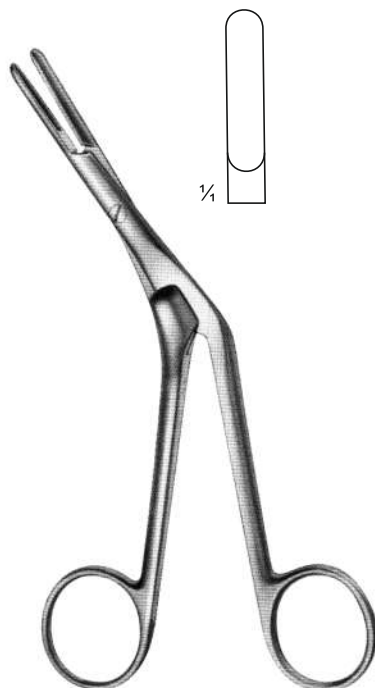
Lubet-Barbon
HI-413-005
18.5 cm



Hartmann
HI-413-006
18.5 cm
Nasal polypus forceps



Knight
HI-414-007
17 cm



Graig
HI-414-008
17 cm



HI-414-009
Left curved



HI-414-010
Right curved

HI-414-009 - HI-414-010
15.5 cm

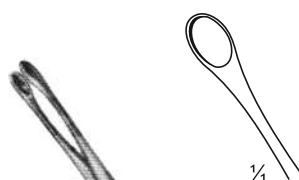


Fig. 1
HI-414-011



Fig. 2
HI-414-012



Luc
HI-414-011 - HI-414-012
20 cm
Ethmoid bone forceps



Fig. 1
HI-414-013



Fig. 2
HI-414-014



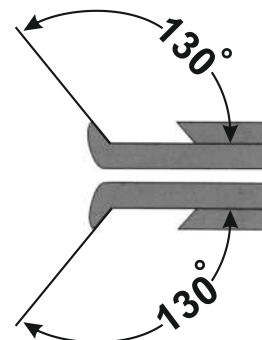
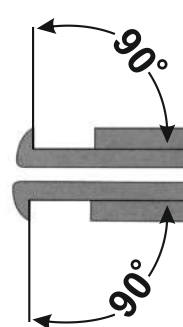
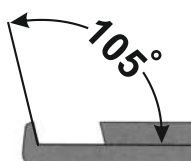
Fig. 3
HI-414-015



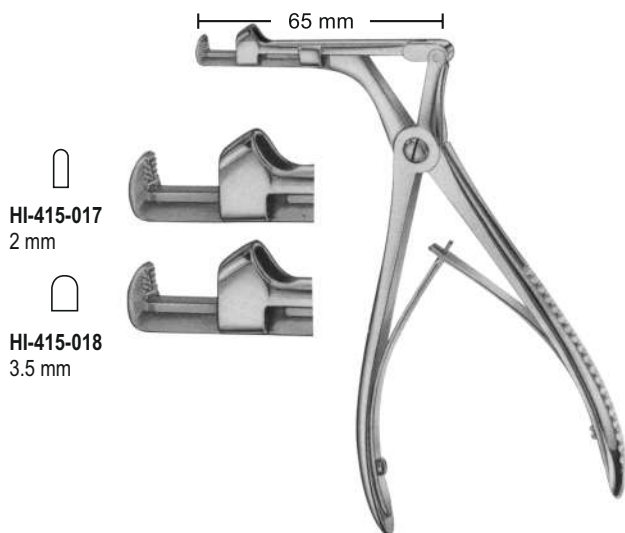
Fig. 4
HI-414-016



Brünings
HI-414-013 - HI-414-016
16.5 cm

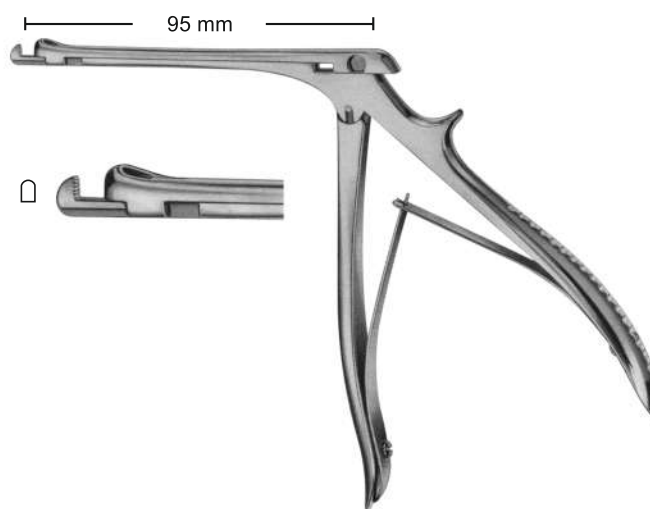


90° upwards cutting



Citelli
HI-415-017 - HI-415-018

90° upwards cutting



Citelli-Beyer
HI-415-019
1.8 mm

Sphenoid Bone Punches

Sphenoid Knochen Stanzen

Socos de osso esfenoidal

Punzones de hueso esfenoides



140 mm



Hajek
HI-416-020 - HI-416-023



HI-416-020
Up cutting
4.0 x 4.0 mm
Shaft length
140 mm



HI-416-021
Down cutting
4.0 x 4.0 mm
Shaft length
145 mm

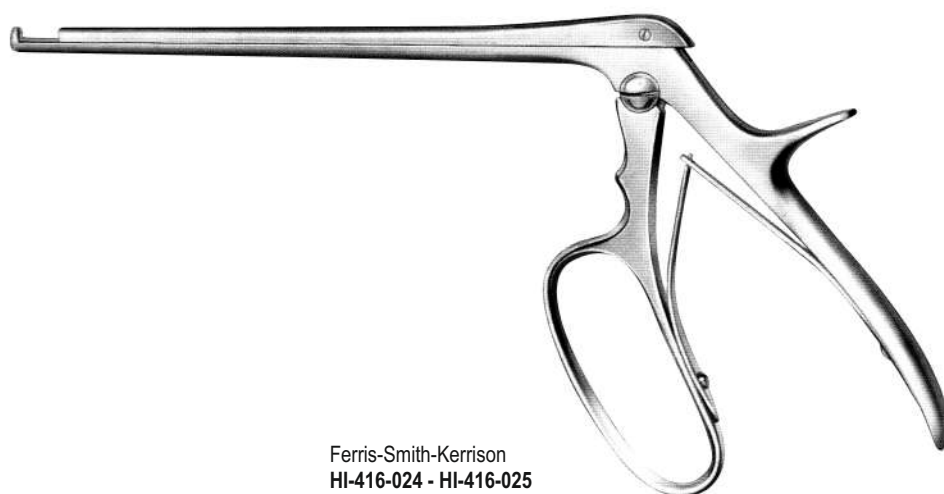


HI-416-022
Up cutting
3.5 x 3.5 mm
Shaft length
140 mm

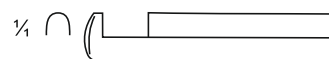


HI-416-023
Down cutting
3.5 x 3.5 mm
Shaft length
145 mm

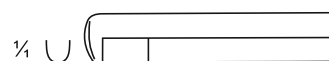
180 mm



Ferris-Smith-Kerrison
HI-416-024 - HI-416-025



HI-416-024
Up cutting
3.0 x 3.0 mm



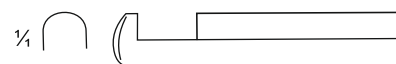
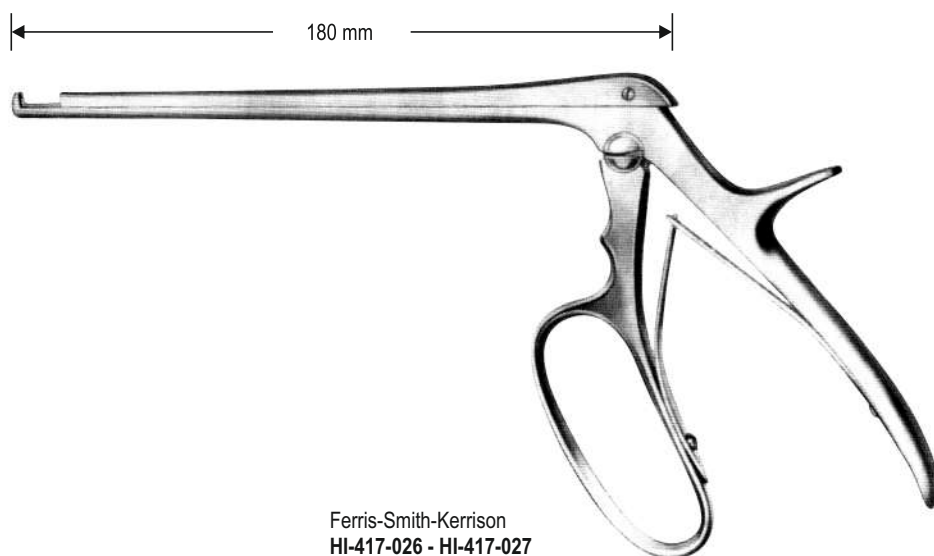
HI-416-025
Down cutting
3.0 x 3.0 mm

Sphenoid Bone Punches

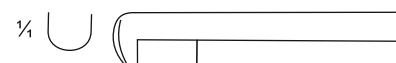
Sphenoid Knochen Stanzen

Socos de osso esfenoidal

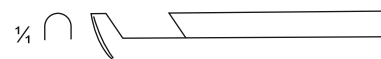
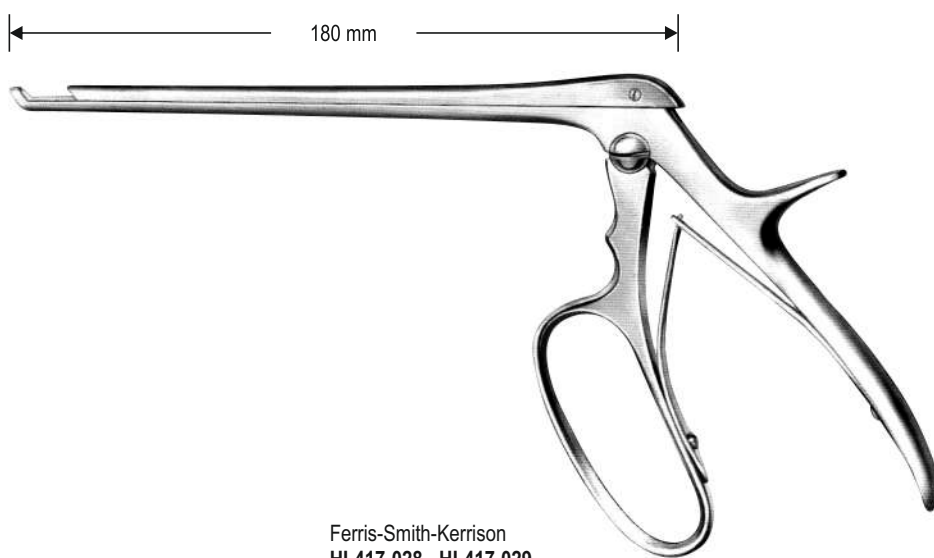
Punzones de hueso esfenoides



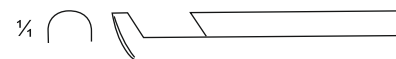
HI-417-026
Up cutting
5.0 x 5.0 mm



HI-417-027
Down cutting
5.0 x 5.0 mm



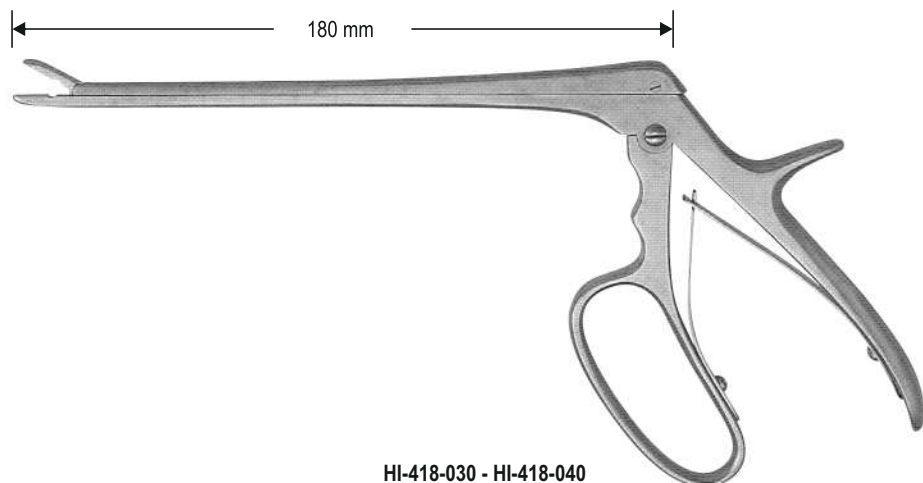
HI-417-028
Obliquely forward cutting
3 mm



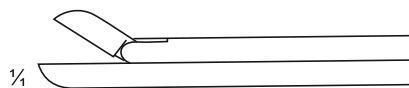
HI-417-029
Obliquely forward cutting
5 mm

Sphenoid Bone Punches

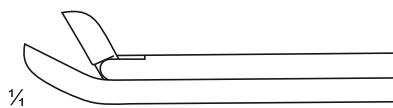
Sphenoid Knochen Stanzen
Socos de osso esfenoidal
Punzones de hueso esfenoides



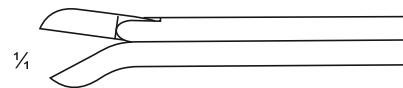
HI-418-030 - HI-418-040



HI-418-030
10 x 2 mm



HI-418-035
10 x 2 mm



HI-418-038
10 x 2 mm



HI-418-031
10 x 3 mm



HI-418-036
10 x 3 mm



HI-418-039
10 x 3 mm



HI-418-032
10 x 4 mm



HI-418-037
10 x 4 mm



HI-418-040
10 x 4 mm



HI-418-033
10 x 5 mm



HI-418-034
10 x 6 mm

Antrum Punches

Antrum Schläge
Antrum Socos
Antrum Punches



HI-419-041
3 x 3 mm



HI-419-042
4 x 4 mm

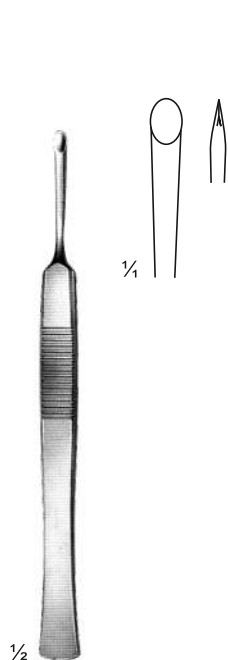


HI-419-043
5 x 5 mm

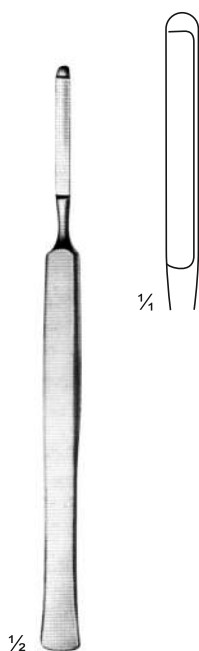


HI-419-044
6 x 6 mm

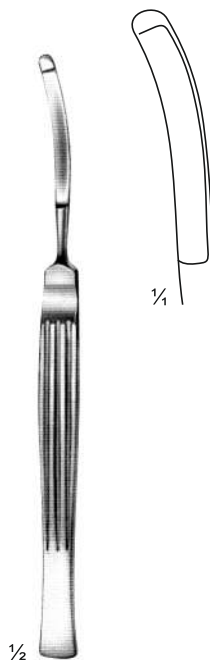
Kerrison
HI-419-041 - HI-419-044
20 cm
Shaft length
90 mm
Up cutting



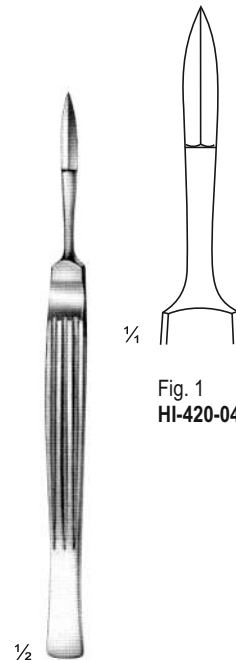
Cottle
HI-420-045
14 cm
Rhinoplastic knife



Joseph
HI-420-046
15.5 cm
Rhinoplastic knife



Converse
HI-420-047
16 cm
Rhinoplastic knife



Joseph
HI-420-048 - HI-420-049
15.5 cm
Rhinoplastic knife

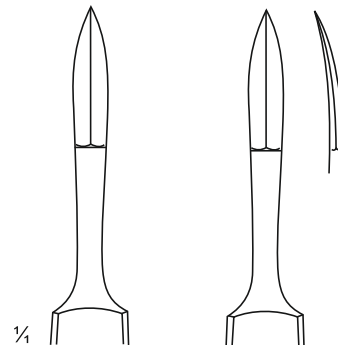
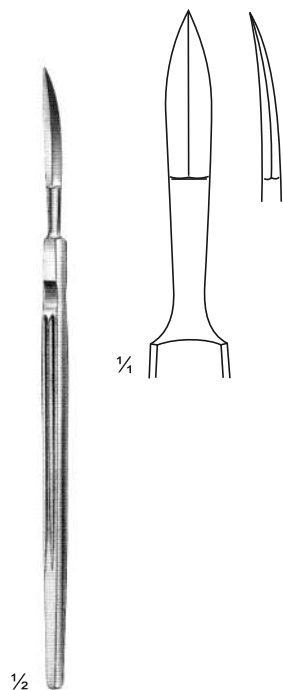
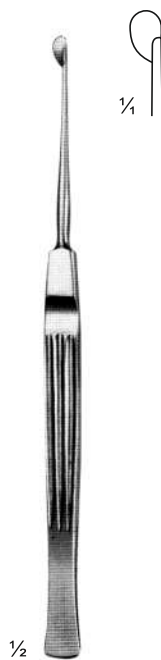


Fig. 1
HI-420-048

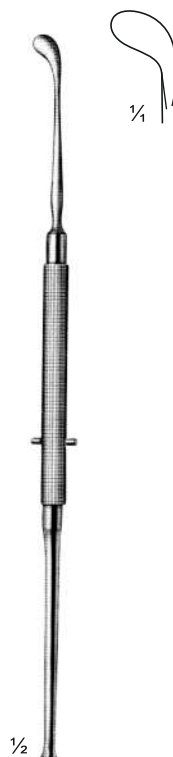
Fig. 2
HI-420-049



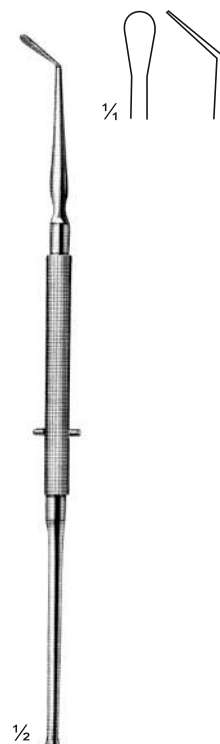
Fomon
HI-420-050
16.5 cm
Rhinoplastic knife



Freer
HI-420-051
16.5 cm
Mucosa knife
Septum knife



Freer
HI-420-052
19 cm
Septum knife



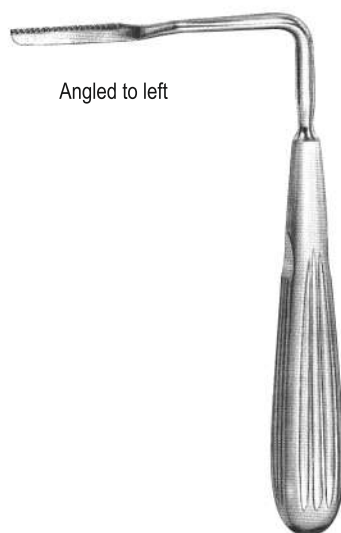
Freer
HI-420-053
18.5 cm
Septum knife

Nasal Saws, Cartilage Crusher

Nasensägen, Knorpel-Crusher

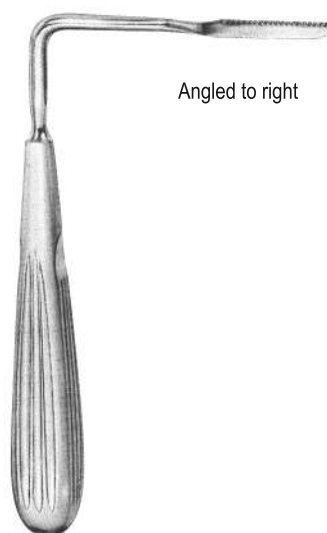
Serras Nasais, Triturador de Cartilagem

Sierras nasales, trituradora de cartílago



Angled to left

Joseph
HI-421-054
17 cm
Nasal saw



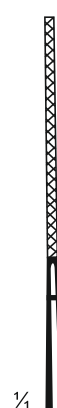
Angled to right

Joseph
HI-421-055
17 cm
Nasal saw



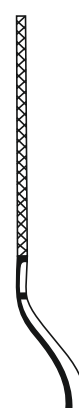
$\frac{1}{2}$

Joseph
HI-421-156 - HI-421-058
19 cm
Nasal saw

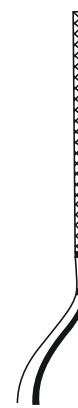


$\frac{1}{4}$

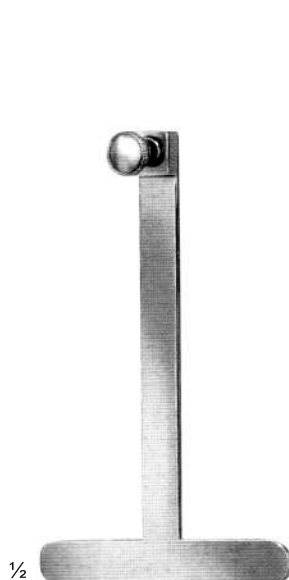
HI-421-056
Working length
40 mm



HI-421-057
Working length
40 mm



HI-421-058
Working length
40 mm

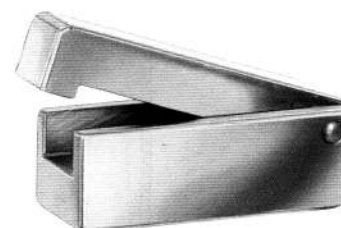
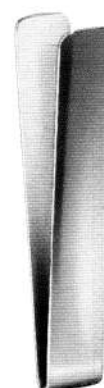


$\frac{1}{2}$

Cottle
HI-421-059
12 cm
Handle cartilage crusher



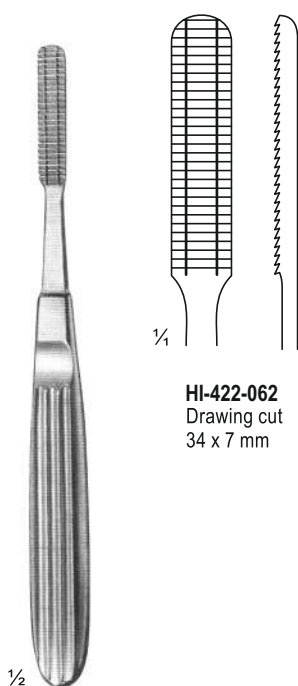
Cottle
HI-421-060
Guide support for osteotomies
7 mm wide
Cartilage crusher



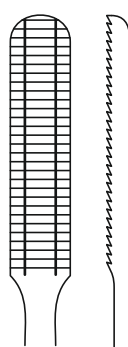
Cottle
HI-421-061
Cartilage crusher
65 x 30 x 30 mm

Nasal Rasps, Bone Files, Antrum Rasps

Nasal Raspeln, Knochenfeilen, Antrum Raspeln
Raspa Nasal, Arquivos Ósseos, Antrum Rasps
Escofinas nasales, archivos de hueso, escofinas antro



HI-422-062
Drawing cut
34 x 7 mm



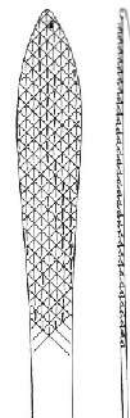
HI-422-063
Pushing cut
34 x 7 mm



Maltz
HI-422-064 - HI-422-065
16 cm
Bone file



HI-422-064
60 x 8 mm



HI-422-065
45 x 9 mm

Maltz
HI-422-062 - HI-422-063
17 cm
Nasal saw



Gallaher
HI-422-066 - HI-422-1068
17 cm
Antrum rasp



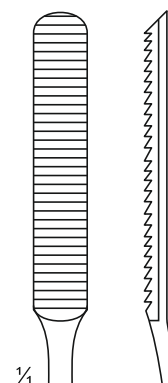
HI-422-066
45 x 6 mm



HI-422-067
45 x 6 mm



HI-422-068
45 x 6 mm



30 x 8 mm



Cottle
HI-422-069
21 cm
Nasal rasp

Glabella Rasps, Nasal Rasps, Bone Files

Glabella Raspeln, Nasenraspeln, Knochenfeilen

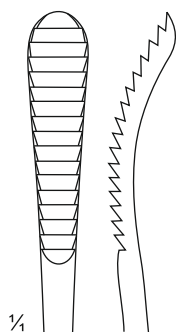
Rasps de Glabella, Raspa Nasal, Archivos Óseos

Glabella Rasps, raspados nasales, archivos de hueso



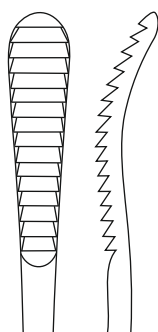
1/2

Aufricht
HI-423-070 - HI-423-071
21 cm
Glabella rasp



1/4

HI-423-070
Pushing cut
32 x 9 mm

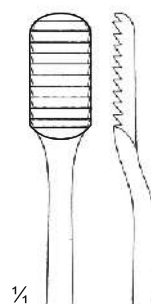


HI-423-071
Drawing cut
32 x 9 mm



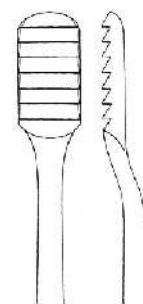
1/2

Lweis
HI-423-072 - HI-423-073
19 cm
Nasal rasp

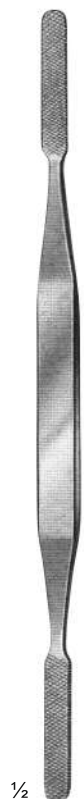


1/4

HI-423-072
Pushing cut
15 x 8 mm



HI-423-073
Drawing cut
15 x 8 mm



1/2

Fomon
HI-423-074
21 cm
Bone file
30 x 8 mm



1/4



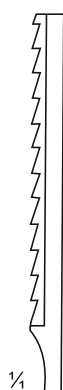


Fig. 1
HI-424-075



Fig. 2
HI-424-076



Fig. 3
HI-424-077



Fig. 4
HI-424-078



Fig. 5
HI-424-079



Fig. 6
HI-424-080



Fig. 7
HI-424-081



Fig. 8
HI-424-082



Fig. 9
HI-424-083



Fig. 10
HI-424-084



Maltz
HI-424-075 - HI-424-084
21 cm

T.C. GOLD

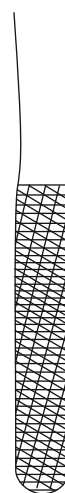
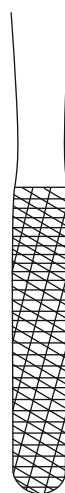
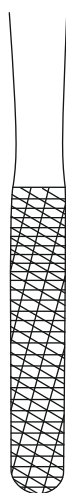
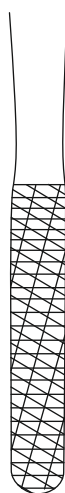
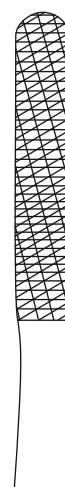
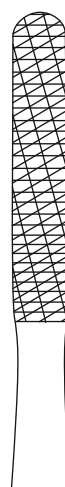


Fig. 1/2
HI-425-085
30 x 8 mm

Fig. 3/4
HI-425-086
40 x 7 mm

Fig. 5/6
HI-425-087
40 x 7 mm

Fig. 7/8
HI-425-088
40 x 7 mm

Fig. 9/10
HI-425-089
40 x 7 mm

Fig. 2/5
HI-425-090
40 x 7 mm

Fomon
HI-425-085 - HI-425-090
20.5 cm

Alar Hooklets, Mucosa Hooklet

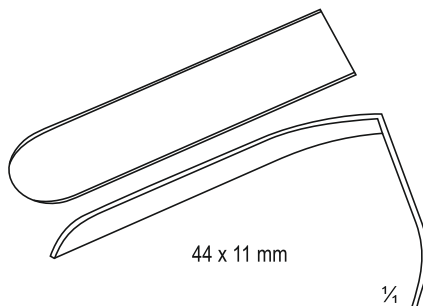
Alar-Haken, Mucosa-Haken
Alar Hooklets, Mucosa Hooklet
Alar Hooklets, Mucosa Hooklet



Kilner
HI-426-091
8 cm
Sharp
Alar hooklet

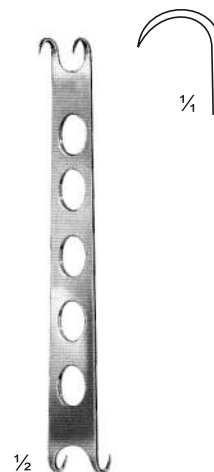


Converse
HI-426-092
10.5 cm
Nasal retractor



44 x 11 mm

1/4



Converse
HI-426-093
11.5 cm
Sharp
Alar hooklet



Freer
HI-426-094
15 cm
Sharp
Mucosa hooklet



Joseph
HI-426-095 - HI-426-098
16 cm
Mucosa hooklet



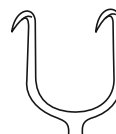
HI-426-095
2 mm



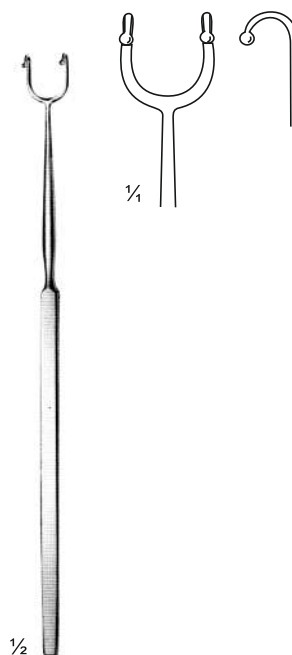
HI-426-096
5 mm



HI-426-097
7 mm



HI-426-098
10 mm



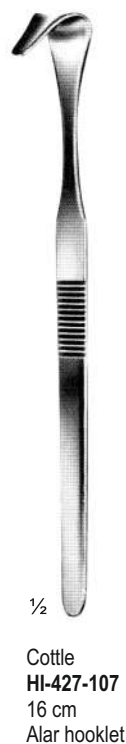
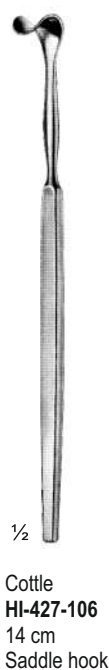
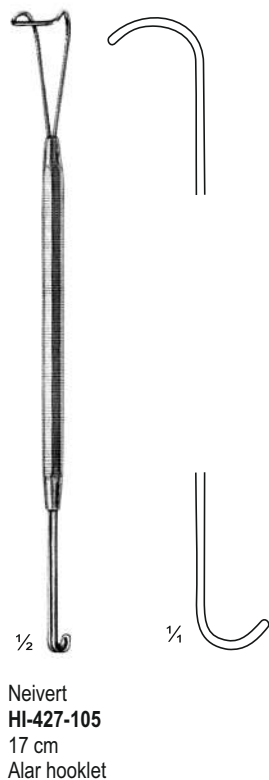
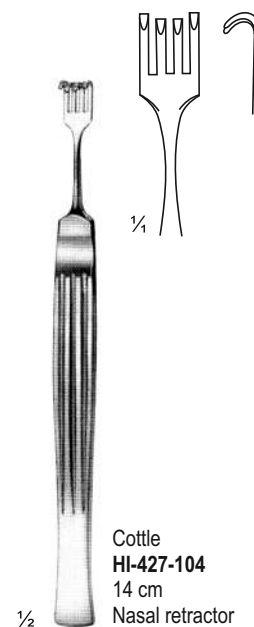
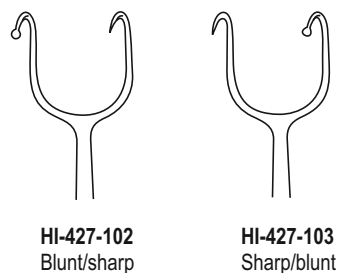
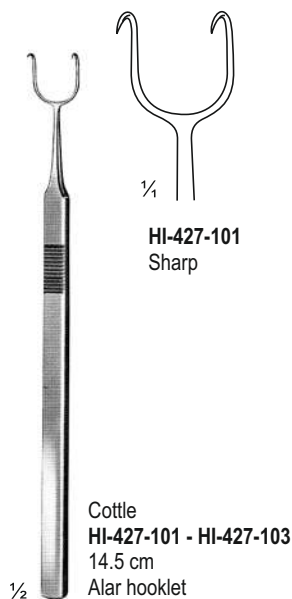
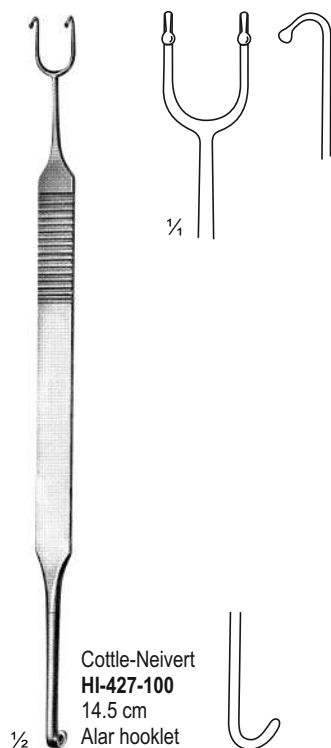
Fomon
HI-426-099
16 cm
Button ended
Alar hooklet

Alar Hooklets, Nasal Retractors

Alar Hooklets, nasale Retraktoren

Alar Hooklets, retratores nasais

Alar Hooklets, retratores nasales



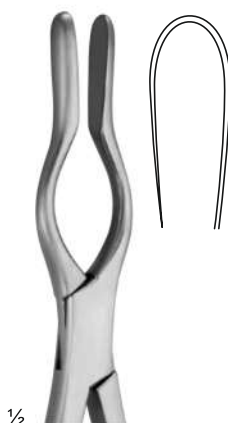
Septum Forceps, Septum Straightening Forceps

Septumzange, Septum-Richtzange
 Pinça de Septo, Pinça de Endireitamento de Septo
 Pinzas de septo, pinzas de enderezar septos



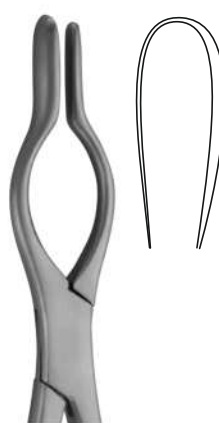
1/2

Cottle-Walsham
HI-428-109 - HI-428-111
 22 cm
 Septum straightening forcep

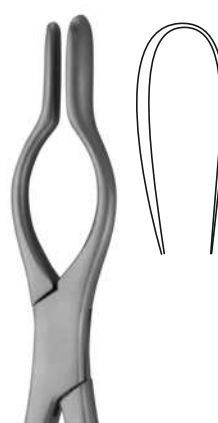


1/2

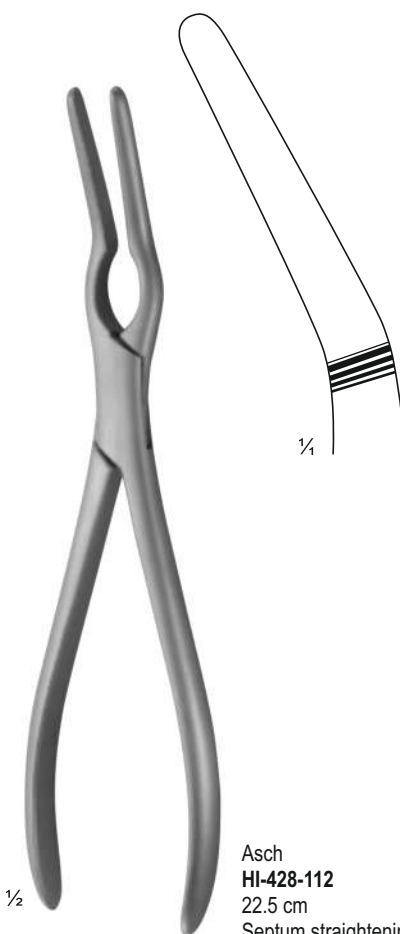
HI-428-109
 Straight



HI-428-110
 Left



HI-428-111
 Right



1/2

Asch
HI-428-112
 22.5 cm
 Septum straightening forcep



1/2

Kressner
HI-428-113
 22 cm
 Septum forcep

Skin Grasping Forceps, Antrum Curettes

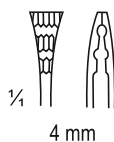
Hautgreifpinzetten, Antrum Küretten
Pinça para Agarre a Pele, Curetas Antrum
Fórceps de agarre de piel, curaciones de antrum



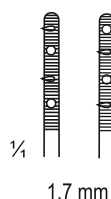
Aiach
HI-429-114
15.5 cm
Columella suturing forcep



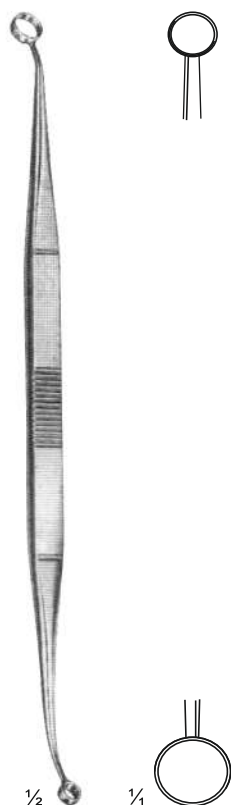
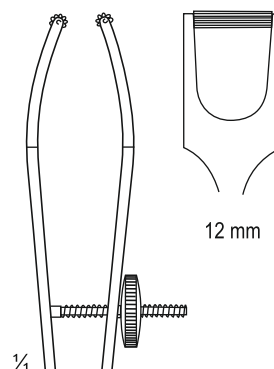
Ogura
HI-429-115
11 cm
Skin grasping forcep



Cottle
HI-429-116
14 cm
Skin grasping forcep



Cottle
HI-429-167
11 cm
Columella forcep



Faulkner
HI-429-118
21 cm
Antrum curette



Coakley
HI-429-119 - HI-429-124
17 cm
Antrum curette



Fig. 1
HI-429-119



Fig. 2
HI-429-120



Fig. 3
HI-429-121



Fig. 4
HI-429-122



Fig. 5
HI-429-123



Fig. 6
HI-429-124



Fig. 1
HI-430-125
Blades
21.0 x 9.5 mm

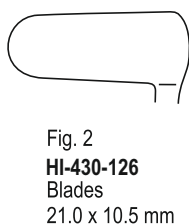


Fig. 2
HI-430-126
Blades
21.0 x 10.5 mm

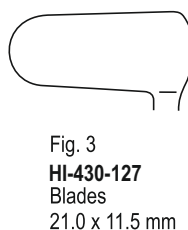
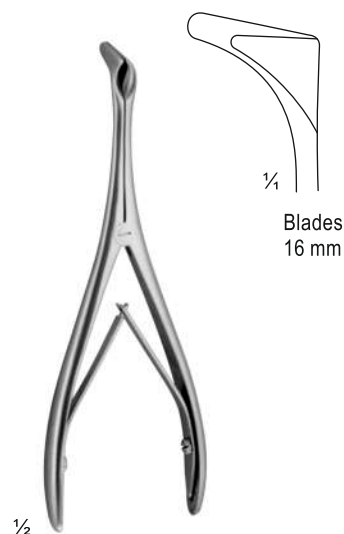


Fig. 3
HI-430-127
Blades
21.0 x 11.5 mm



Tieck - Halle
HI-430-128
13 cm



Hartmann-Halle
HI-430-129 - HI-430-131
16 cm

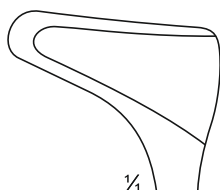


Fig. 1
HI-430-129
blades
27 mm

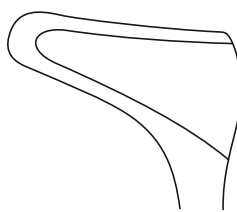


Fig. 2
HI-430-130
blades
31 mm

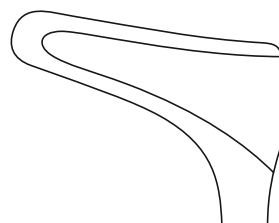


Fig. 3
HI-430-131
blades
35 mm



Beckmann
HI-430-132
15 cm



Mod. Wien
HI-431-133 - HI-431-135
13.5 cm

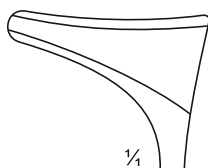


Fig. 1
HI-431-133
blades
27 mm

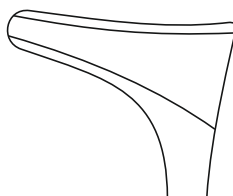


Fig. 2
HI-431-134
blades
31 mm

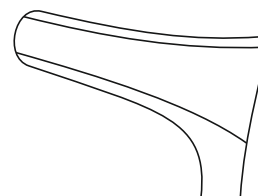


Fig. 3
HI-431-135
blades
35 mm



Killian
HI-431-139 - HI-431-140

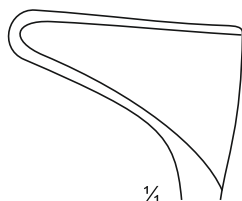


Fig. 1
HI-431-136
14 cm
Blades
35 mm

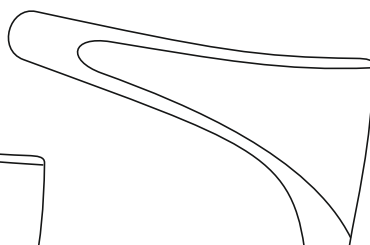


Fig. 2
HI-431-137
14.5 cm
Blades
50 mm

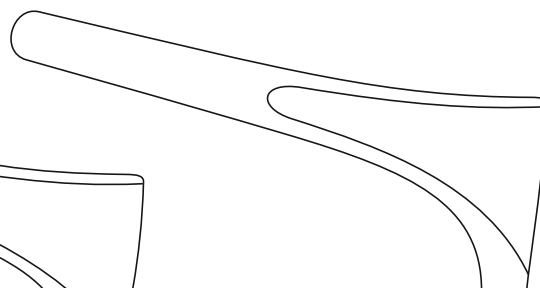


Fig. 3
HI-431-138
16 cm
Blades
75 mm

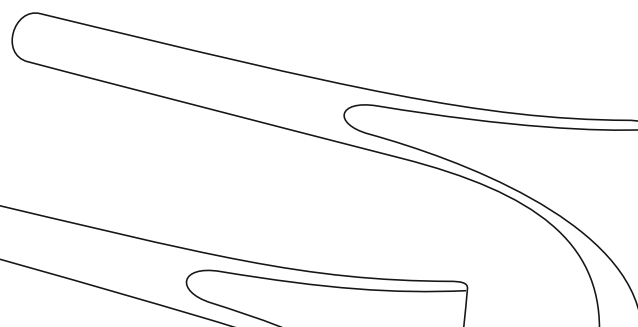


Fig. 4
HI-431-139
17 cm
Blades
90 mm



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
HI-432-001
For children
11 cm



1/2

Molt
HI-432-002
For adults
13 cm



1/2

Denhart
HI-432-003
13 cm
Jaws
16 mm



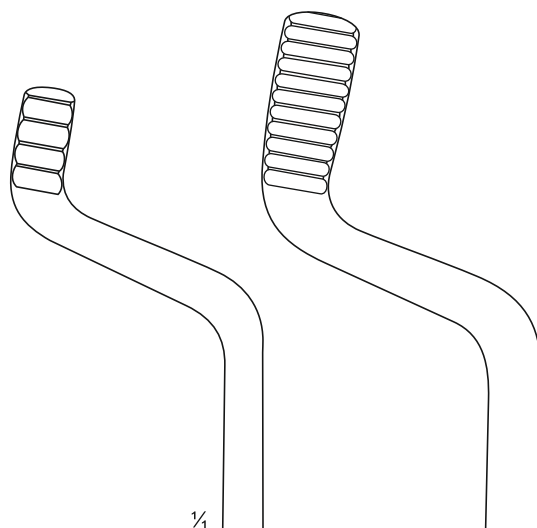
1/2

Fergusson-Ackland
HI-432-004
14.5 cm



1/2

Roser-König
HI-432-005 - HI-432-006



1/4

HI-432-005
16 cm

HI-432-006
19 cm



1/2

HI-433-009
14.5 cm
Frame for mouth gag with joint

Davis-Boyle
HI-433-007
Complete, consisting of frame
and 5 tongue depressors no. 1-5

HI-433-008
Frame for mouth gag

HI-433-010
14.5 cm
Silicone inlay



HI-433-011 - HI-433-015
With fixed suction tube

1/2

Fig. 1
HI-433-011
110 X 28 mm



Fig. 2
HI-433-012
95 X 27 mm



Fig. 3
HI-433-013
80 X 27 mm



Fig. 4
HI-433-014
65 X 26 mm



Fig. 5
HI-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

HI-434-016 - HI-434-019

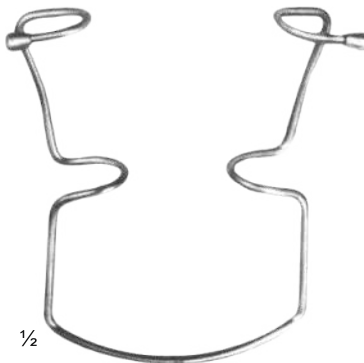
HI-434-016 10.5 cm

HI-434-017 12.5 cm

HI-434-018 14.5 cm

HI-434-019 16.5 cm

Mouth gag



1/2

Oringer

HI-434-020

9.5 cm

Lip and cheek retractor
self retaining, for children

HI-434-020 - HI-434-024

HI-434-021

Set with Fig. 1-3

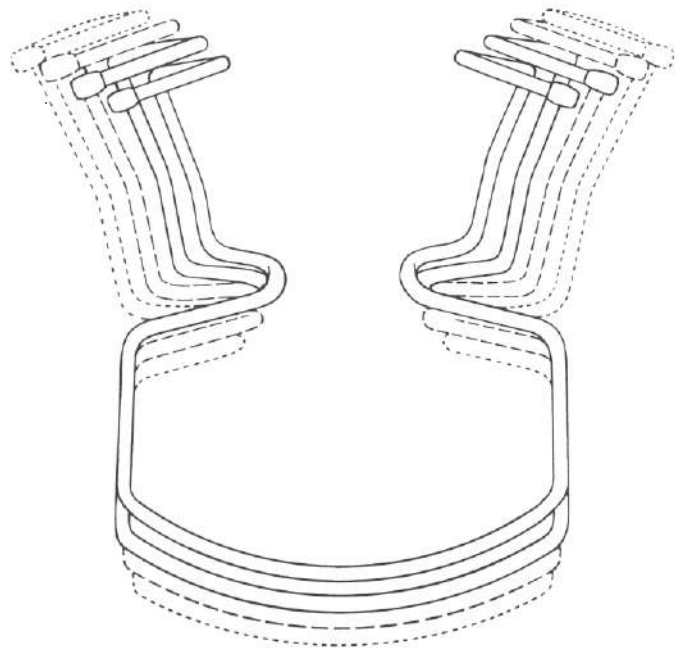


Fig. 1

HI-434-022

10 cm

Fig. 2

HI-434-023

10.5 cm

Fig. 3

HI-434-024

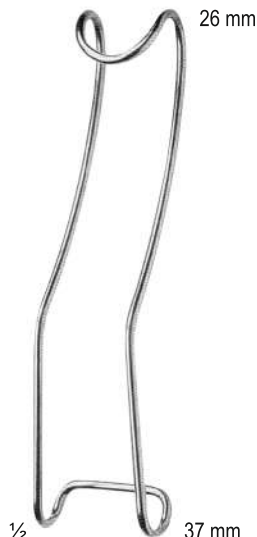
11 cm



Martin-Simplex
HI-435-025
10.5 cm



HI-435-026
14 cm
Vestibulum retractor



Sternberg
HI-435-027
14 cm



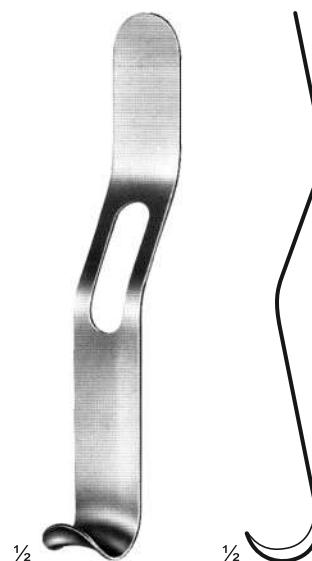
Obwegeser
HI-435-028
12 cm



Bishop
HI-435-029
13.5 cm



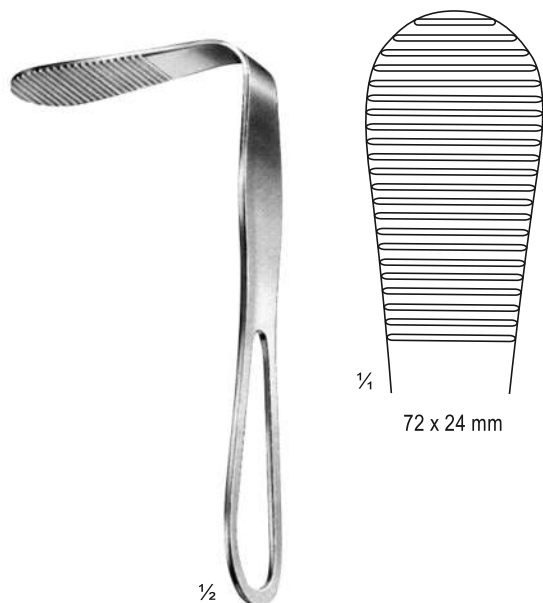
Cawood-Minnesota
HI-435-030
15.5 cm



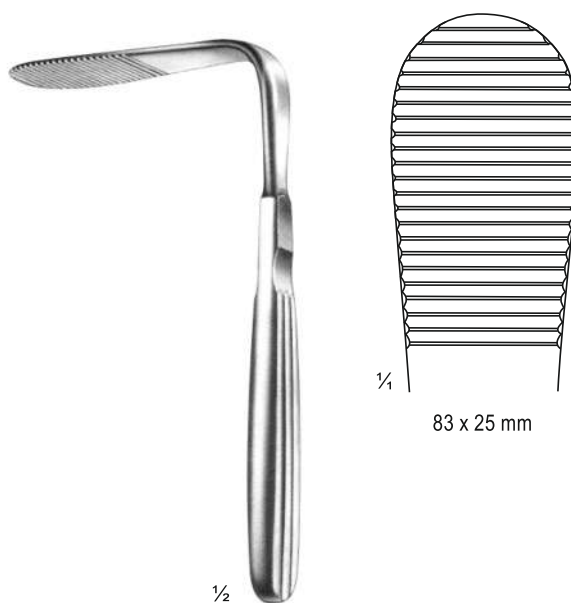
Cawood-Minnesota
HI-435-031
14.5 cm

Tongue Depressors

Zungenspatel
Depressores de língua
Depresores de lengua



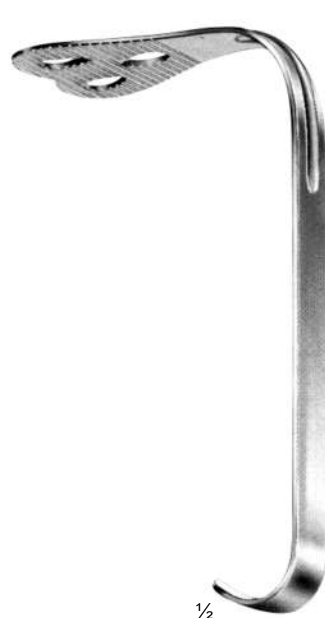
Hartmann
HI-436-032
15 cm



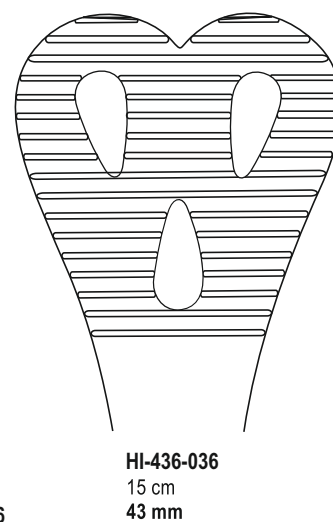
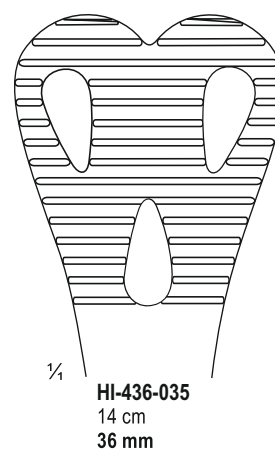
Tobold
HI-436-033
15 cm



Tobold
HI-436-034
16 cm



Wieder
HI-436-035 - HI-436-036

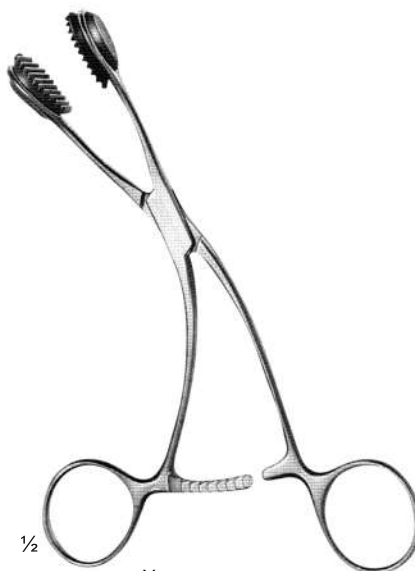


Finger Protector, Napkin holders and Mouth Gags

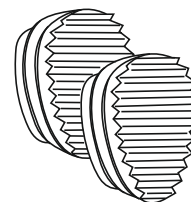
Fingerschutz, Serviettenhalter und Mundknebel
Protector de dedo, Porta-guardanapos e Gags de boca
Protector de dedos, servilleteros y mordazas



Collin
HI-437-037
17 cm
Tongue holding forceps



Young
HI-437-038
15 cm
Tongue holding forceps



Young
HI-437-039
Rubber inserts
pair



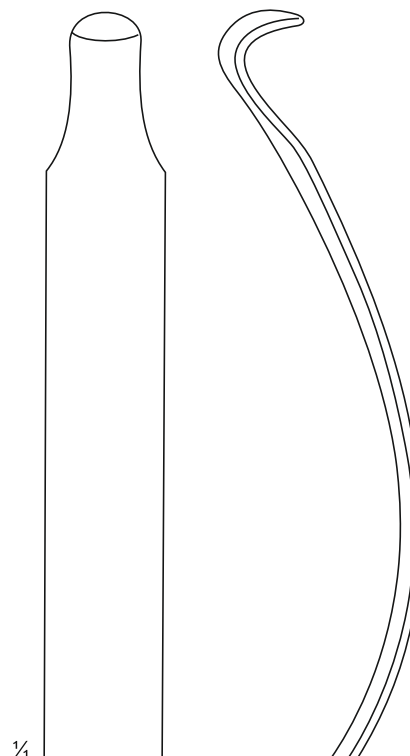
9.5/16 mm



HI-437-040
22 cm
Extra oral retractors
Concave, fully bent tip



Eckelt
HI-437-041
21 cm
Extra oral retractors



Extra Oral Retractors

Extra Oral Retraktoren

Retratores orais extra

Retradores orales extra

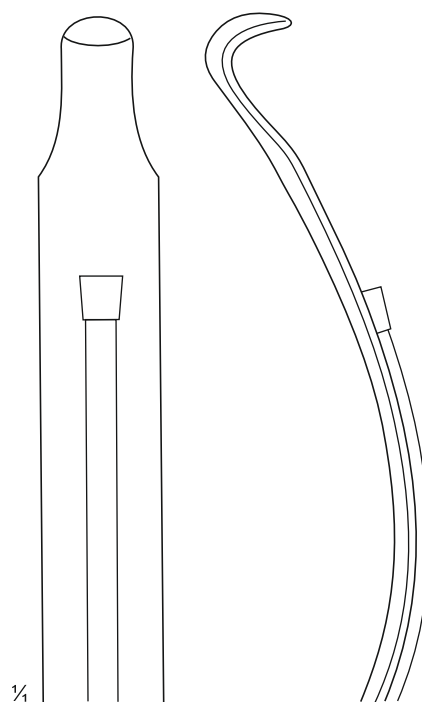
9.5/16 mm



HI-438-042
25 cm
Concave, full bent tip



Eckelt
HI-438-043
25 cm
Concave, full bent tip

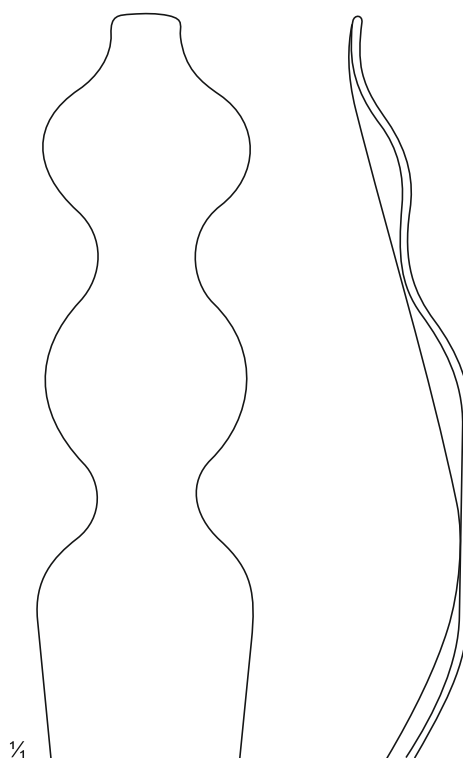




HI-439-044
23 cm
for leFort osteotomies
25.5 mm



HI-439-045
26 cm
For leFort osteotomies
25.5 mm



Soft Tissue Retractors

Weichteil-Retraktoren

Retradores de tecidos moles

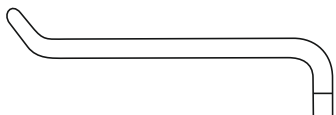
Retradores de tecidos moles



$\frac{1}{2}$

Obwegeser

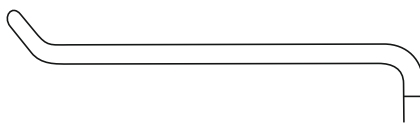
HI-440-046 - HI-440-048



HI-440-046

22.5 cm

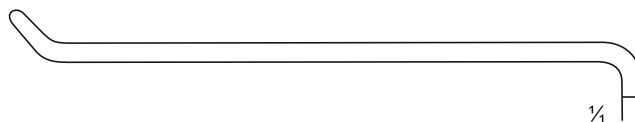
43 X 11 mm



HI-440-047

23 cm

57 X 11 mm



$\frac{1}{4}$

HI-440-048

23 cm

80 X 16 mm



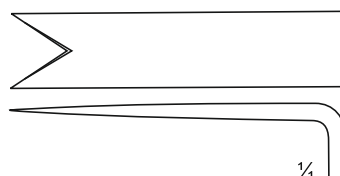
$\frac{1}{2}$

Obwegeser

HI-440-049

22 cm

Nasal spine retractor

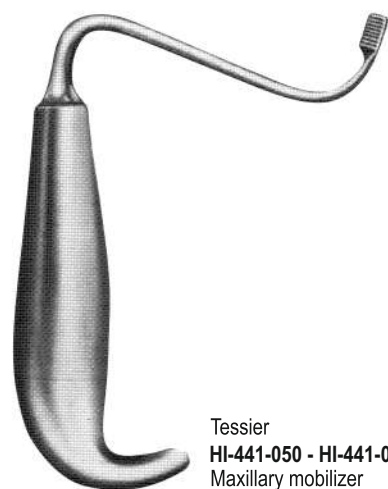


$\frac{1}{4}$

43 X 10 mm

Zygoma Elevators, Retractors

Zygoma Aufzüge, Retraktoren
Elevadores Zygoma, retratores
Ascensores Zygoma, retractores



Tessier
HI-441-050 - HI-441-051
Maxillary mobilizer
zygoma elevator

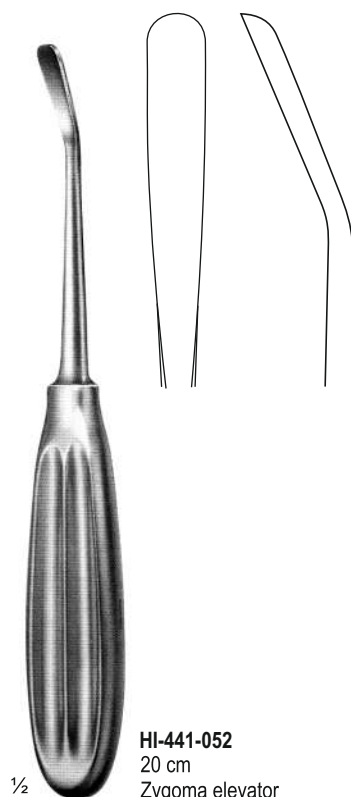


1/4

HI-441-050
Left



HI-441-051
Right



1/2

HI-441-052
20 cm
Zygoma elevator



1/2

Dingmann
HI-441-053
21.5 cm
Zygoma
elevator

Tip
Ø 5.0 mm



1/2

Dingmann-Wilk
HI-441-054
20 cm
Retractor

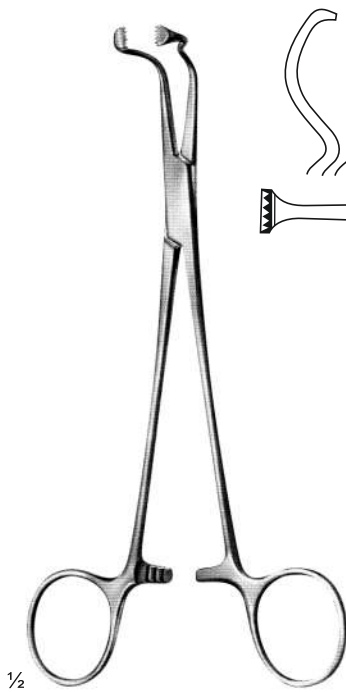


1/2

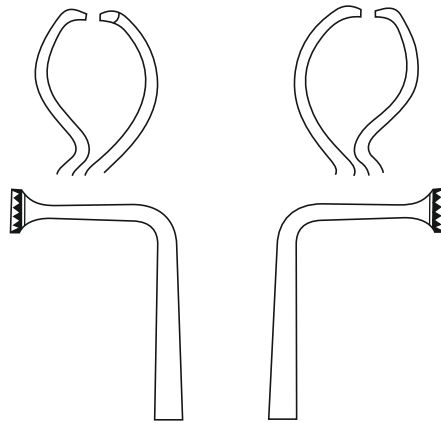
Eckelt
HI-441-055
20 cm
Plate-pulling instrument

Bone Holding Forceps

Knochenhaltezange
Osso, segurando, fórceps
Fórceps de sujeción de hueso



Keen
HI-442-056 - HI-442-057
17.5 cm

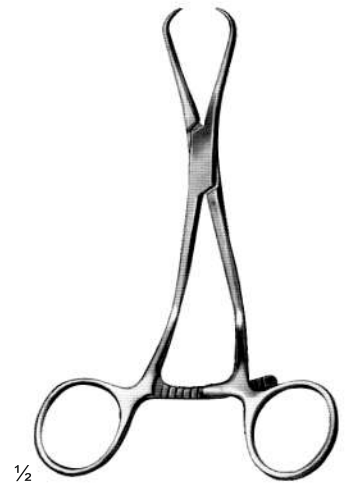


HI-442-056
Left

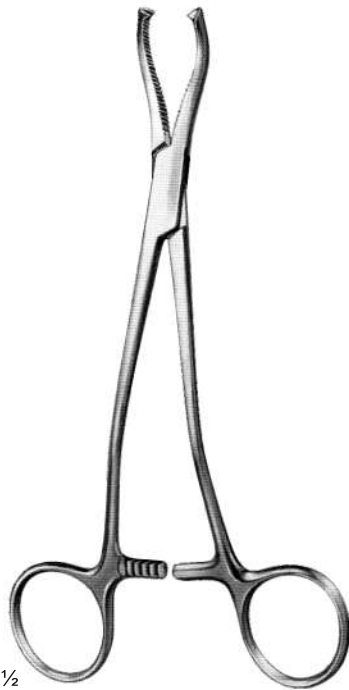
HI-442-057
Right



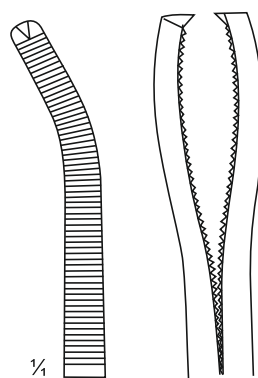
Steinhäuser
HI-442-058
13.5 cm



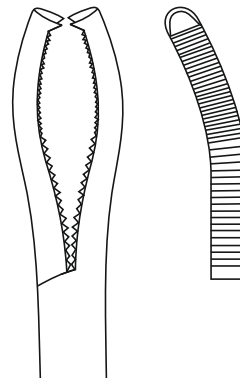
Steinhäuser
HI-442-059
12.5 cm



Jeter-Van Sickels
HI-442-060 - HI-442-061
17.5 cm



HI-442-060
19.5 cm
Light pattern, for
sagittal split procedure



HI-442-061
18 cm
Heavy pattern, for
sagittal split procedure

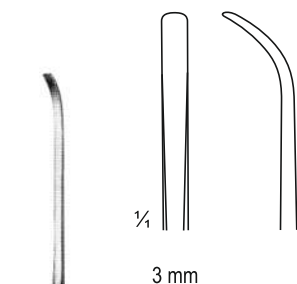


Raspatories, Osteotomes

Raspatorien, Osteotome

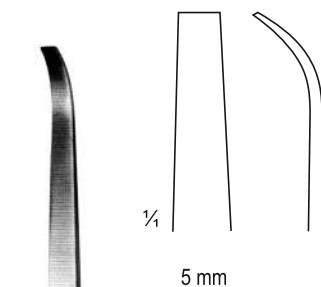
Raspatórios, Osteótomos

Raspatories, Osteotomes



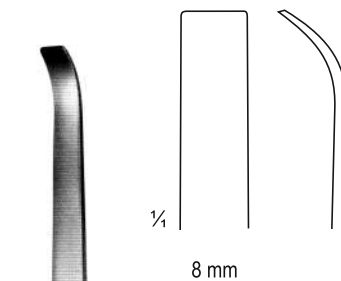
Steinhäuser
HI-443-062
16.5 cm
Orbital raspatory

1/2



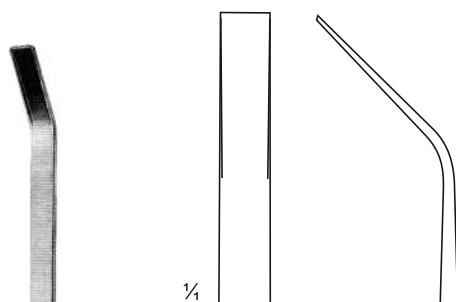
Steinhäuser
HI-443-063
18 cm
Orbital osteotome

1/2

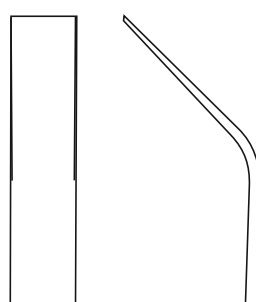


Steinhäuser
HI-443-064
18 cm
Orbital osteotome

1/2



HI-443-065
6 mm



HI-443-066
8 mm

Wolford
HI-443-065 - HI-443-066
21.5 cm
Osteotome

1/2



Tonsillectomy, Laryngo-Bronchoscopy

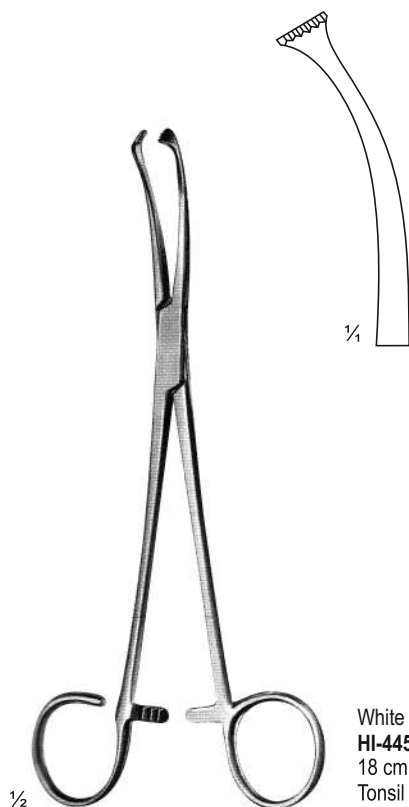
Tonsillektomie, Laryngo-Bronchoskopie

Amigdalectomia Laryngo-broncoscopia

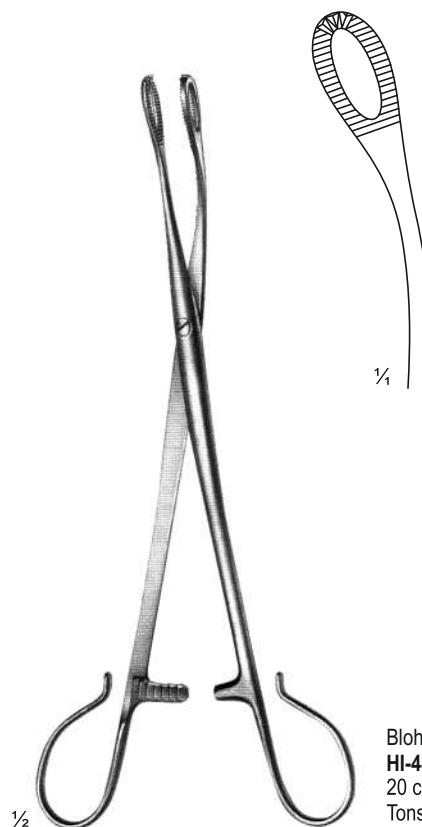
Amigdalectomía, laringoscopia

Page 445-449

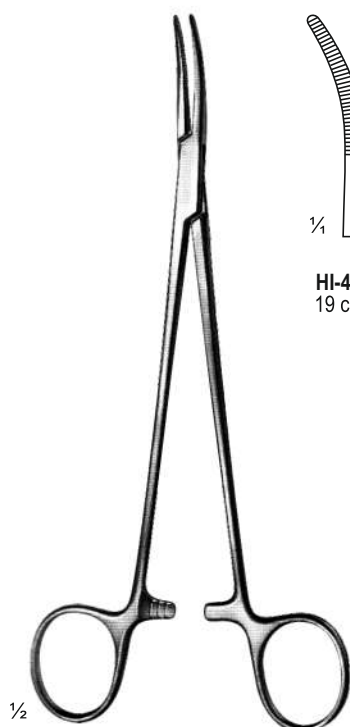
Cleft Palate Instruments
Gaumenspalte Instrumente
Instrumentos de Fissura Palatina
Instrumentos del paladar hendido



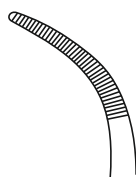
White
HI-445-001
18 cm
Tonsil grasping forceps



Blohmke
HI-445-002
20 cm
Tonsil grasping forceps



HI-445-003
19 cm

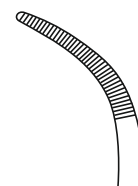


HI-445-004
18.5 cm

Schnidt
HI-445-003 - HI-445-004



HI-445-005
19 cm



HI-445-006
18.5 cm

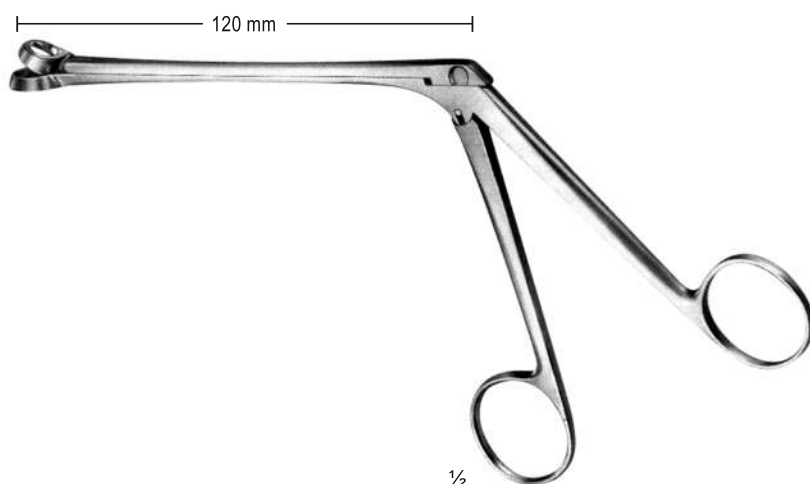
Schnidt
HI-445-005 - HI-445-006

Broncho-Esophagoscopes Forceps

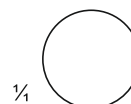
Broncho-Ösophagoskopie-Zange

Pinça de bronco-esofagoscopia

Fórceps broncoesofágoscopia

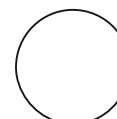


Hartmann
HI-446-007 - HI-446-008
Tonsil punch through-cutting



HI-446-007
Cut
13 mm Ø

Shaft length
120 mm Ø



HI-446-008
Cut
15 mm Ø

Shaft length
120 mm Ø

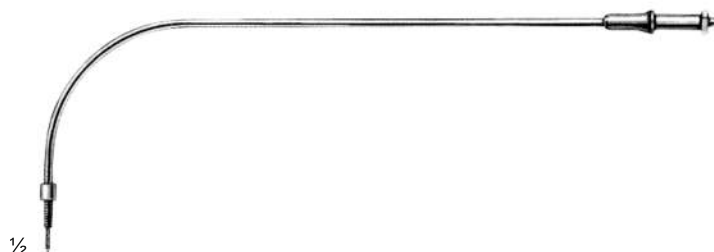


Brünings
HI-446-010 - HI-446-011
Interchangeable tube
for handle **HI-446-029**

HI-446-012 22 cm
HI-446-013 32 cm
HI-446-014 41 cm



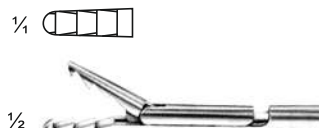
Huber
HI-446-009
Universal handle
for interchangeable tube
HI-446-009 - HI-446-010



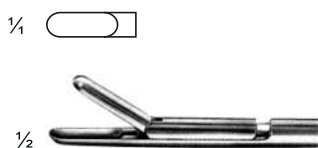
Brünings
HI-446-010
18 cm
laryngeal tube, curved
for handle **HI-446-009**



Fraenkel
HI-447-015
For interchangeable tubes



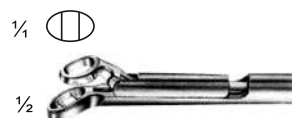
Seiffert
HI-447-016
For interchangeable tubes



Fraenkel
HI-447-017
For interchangeable tubes



Scheinmann
HI-447-018
For interchangeable tubes



Scheinmann
HI-447-019
For interchangeable tubes



Brünings
HI-447-020 - HI-447-021
For interchangeable tubes

1/4 
Fig. 2
HI-447-020

1/4 
Fig. 3
HI-447-021

1/4 
Fig. 2
HI-447-022

1/4 
Fig. 3
HI-447-023



Brünings
HI-447-022 - HI-447-023
for interchangeable tubes



Lange
HI-447-024
for interchangeable tubes

1/4 
Fig. 1
HI-447-025



Krause
HI-448-026 - HI-448-027
For interchangeable tubes



Fig. 1
HI-448-026



Fig. 2
HI-448-027



Krause
HI-448-035
For interchangeable tubes



Cordes
HI-448-028 - HI-448-031
For interchangeable tubes



Fig. 1
HI-448-028



Fig. 2
HI-448-029



Fig. 3
HI-448-030



Fig. 4
HI-448-031



Schumacher
HI-448-036
For interchangeable tubes



Cordes
HI-448-032 - HI-448-033
For interchangeable tubes



Fig. 1
HI-448-032



Fig. 2
HI-448-033



Cordes
HI-448-037
For interchangeable tubes



Rosenberg
HI-448-034
For interchangeable tubes



Cranio-Maxillo-Facial Surgery

Cranio-Maxillo-Gesichtschirurgie

Cirurgia Cranio-Maxilo-Facial

Cirugía cráneo-maxilar-facial

Page 450-464

Soft Tissue Retractors

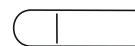
Weichteil-Reraktoren

Retradores de tejidos moles

Retradores de tejidos blandos



Obwegeser
HI-450-001 - HI-450-007
Bent upwards



HI-450-001
21.5 cm
16 x 5 mm



HI-450-002
21 cm
25 x 7 mm



HI-450-003
23 cm
35 x 10 mm



HI-450-004
23 cm
42 x 10 mm



HI-450-005
23.5 cm
55 x 13 mm



HI-450-006
23.5 cm
67 x 15 mm



HI-450-007
24 cm
80 x 17 mm

Soft Tissue Retractors

Weichteil-Reraktoren
Retradores de tecidos moles
Retradores de tejidos blandos



Obwegeser
HI-451-008 - HI-451-014
Bent upwards



HI-451-008
21 cm
16 x 5 mm



HI-451-009
21 cm
25 x 7 mm



HI-451-010
23 cm
35 x 10 mm



HI-451-011
23 cm
42 x 10 mm



HI-451-012
23.5 cm
55 x 12 mm



HI-451-013
23.5 cm
66 x 15 mm



HI-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



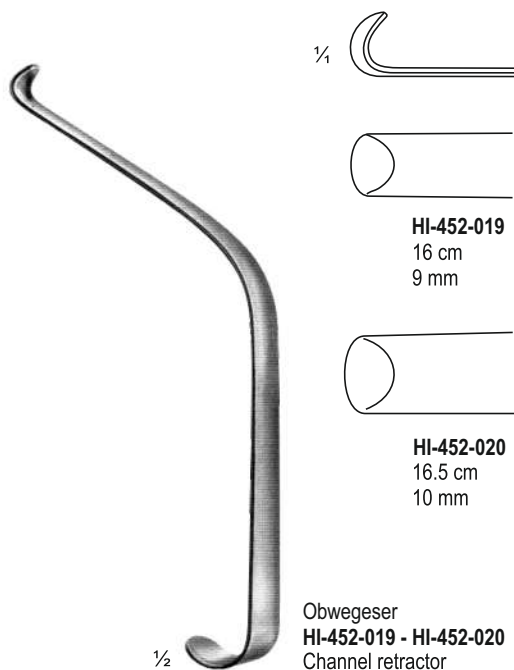
Obwegeser
HI-452-015
16.5 cm
Small pattern, right
Ramus clamp

Obwegeser
HI-452-016
17 cm
Large pattern, right
Ramus clamp

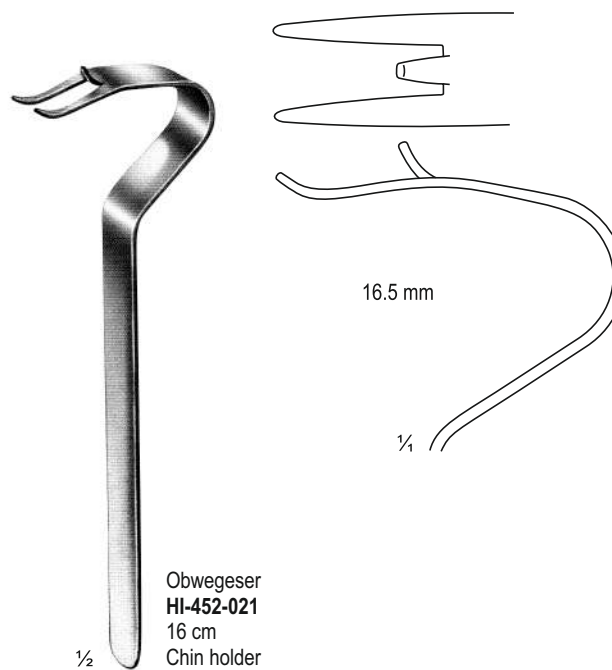


Obwegeser
HI-452-017
16.5 cm
Small pattern, Left
Ramus clamp

Obwegeser
HI-452-018
17 cm
Large pattern, Left
Ramus clamp



Obwegeser
HI-452-019 - HI-452-020
Channel retractor



Obwegeser
HI-452-021
16 cm
Chin holder

Mandibular Inferior Border Raspatories, Swallowtail Raspatories

Unterkiefer Raspatories, Schwalbenschwanz Raspatories

Raspatórios Inferior Mandibulares da Borda, Raspatórios Swallowtail

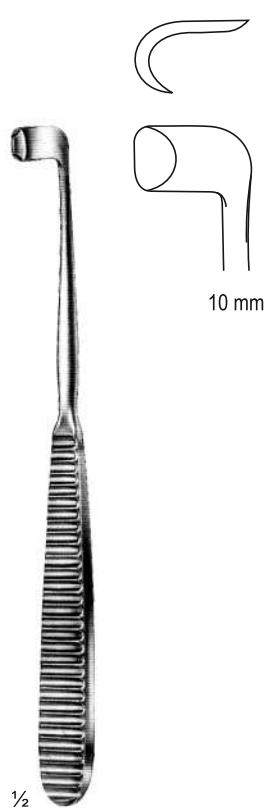
Raspator de borde inferior mandibular, raspadores de cola de golondrina



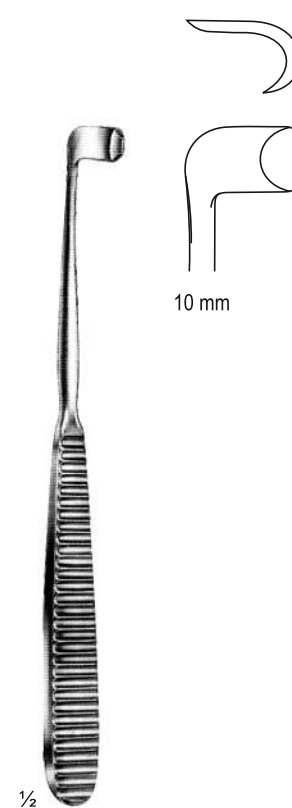
Obwegeser
HI-453-022
21 cm
Elevator



Obwegeser
HI-453-023
21 cm
Periosteal Elevator

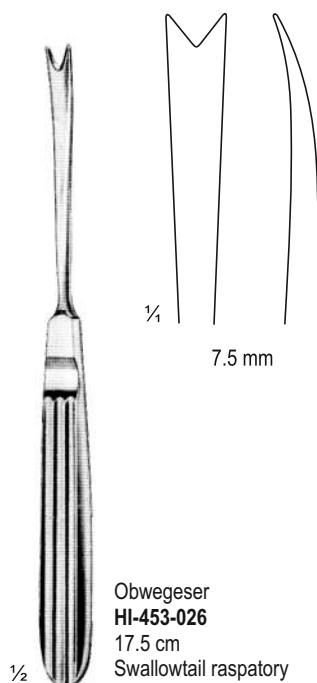


Obwegeser
HI-453-024
18 cm
Angled to left

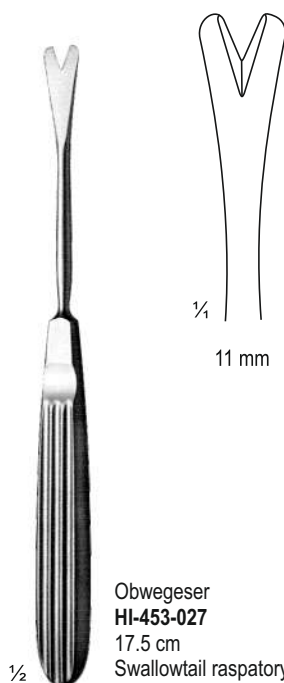


Obwegeser
HI-453-025
18 cm
Right to left

Mandibular inferior border raspatories



Obwegeser
HI-453-026
17.5 cm
Swallowtail raspatory



Obwegeser
HI-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



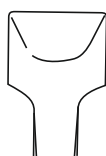
1/2

Obwegeser
HI-454-028 - HI-454-031
22.5 cm
Wedge osteotome

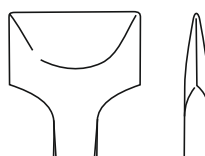


1/4

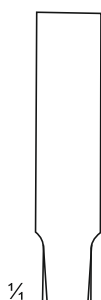
HI-454-028
8 mm



HI-454-029
12 mm

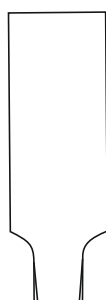


HI-454-031
16 mm

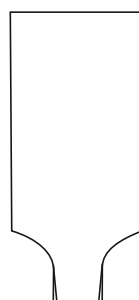


1/4

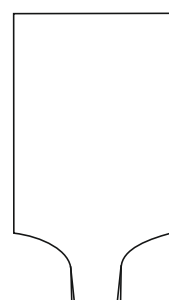
HI-454-032
8 mm



HI-454-033
12 mm



HI-454-034
16 mm



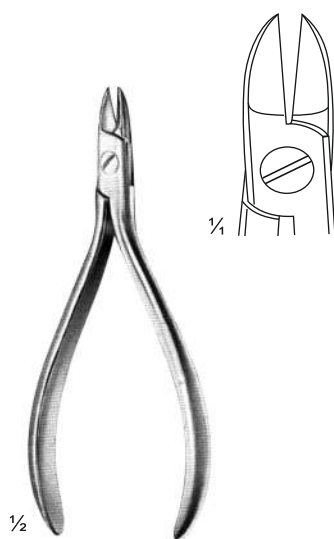
HI-454-035
20 mm



1/2

Obwegeser
HI-454-032 - HI-454-035
22.5 cm
Blade osteotome

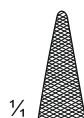
Wire Cutter, Flat Nose Pliers, Wire Twisting Forceps
 Drahtschneider, Flachzange, Drahtzwirnzange
 Cortador De Fio, Alicates De Nariz Planos, Fórceps Torção De Fio
 Cortador de alambre, alicates de punta plana, pinzas de torsión de alambre



Obwegeser
HI-455-036
 12 cm
 Wire cutter



Obwegeser
HI-455-037 - HI-455-039
 Wire twisting forceps



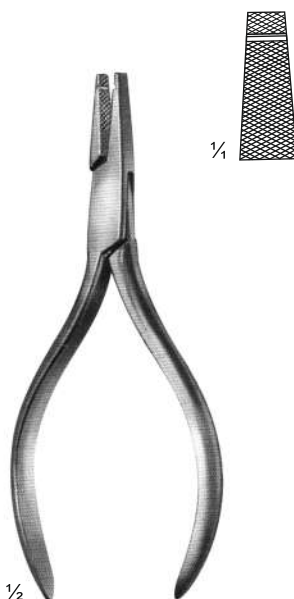
HI-455-037
 12.5 cm



HI-455-038
 13 cm



HI-455-039
 15 cm



Obwegeser
HI-455-040
 13 cm
 Flat nose pliers

TC GOLD



Obwegeser
HI-455-041 - HI-455-042
 13 cm
 Wire twisting forceps



HI-455-041



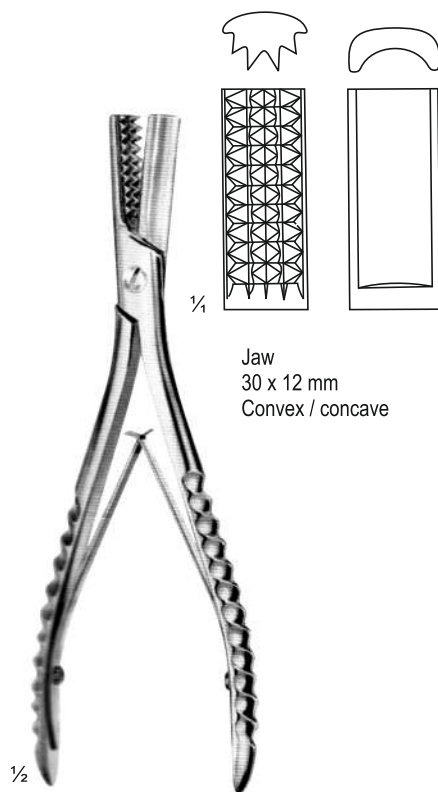
HI-455-042
 wide jaw

Bone Contouring Forceps, Skin Hooklet, Scalp Clamp

Bone Contouring Pinzetten, Skin Hooklet, Kopfhautklammer

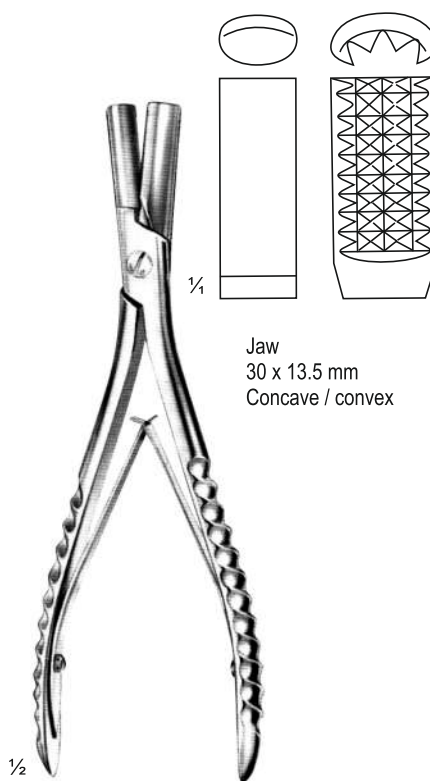
Pinça de contorno ósseo, gancho de pele, grampo do couro cabeludo

Pinzas para modelar huesos, gancho para la piel, pinza para el cuero cabelludo



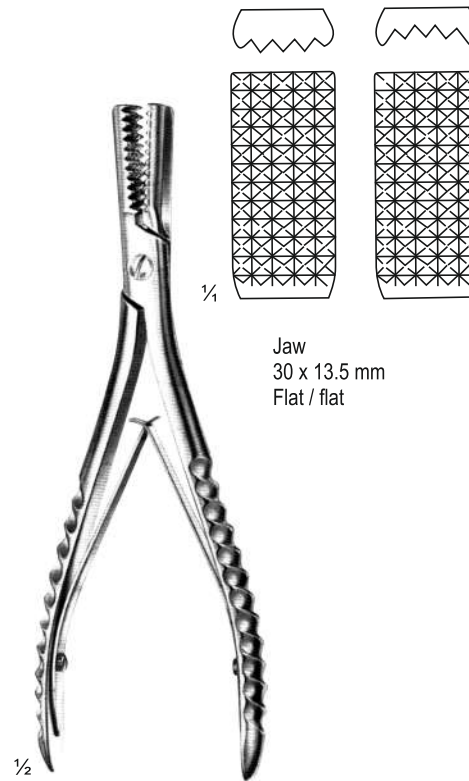
Jaw
30 x 12 mm
Convex / concave

Obwegeser
HI-456-043
18 cm
Bone contouring forceps



Jaw
30 x 13.5 mm
Concave / convex

Obwegeser
HI-456-044
18 cm
Bone contouring forceps



Jaw
30 x 13.5 mm
Flat / flat

Obwegeser
HI-456-045
18 cm
Bone contouring forceps

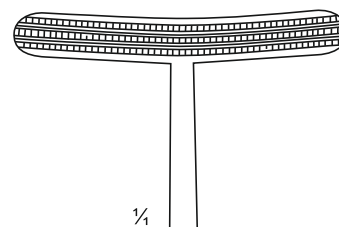


Tessier
HI-456-046
19 cm
Sharp
Skin hooklet

Atrauma

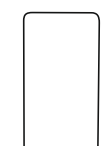


Tessier
HI-456-047
13.5 cm
Scalp clamp

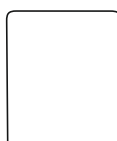




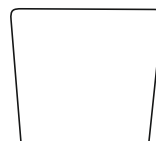
1/2



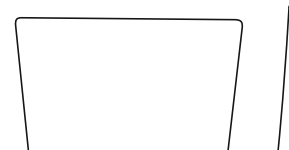
HI-457-048
10 mm



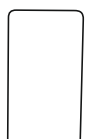
HI-457-049
15 mm



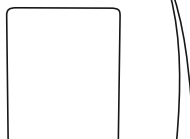
HI-457-050
20 mm



HI-457-051
30 mm

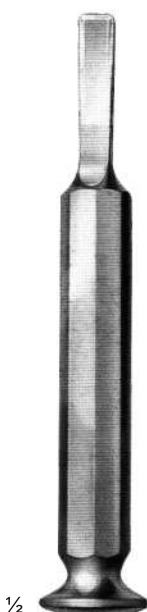


HI-457-052
10 mm



HI-457-053
15 mm

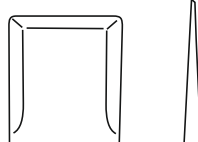
Tessier
HI-457-048 - HI-457-053
20 cm
for taking grafts from ilium and tibia



1/2



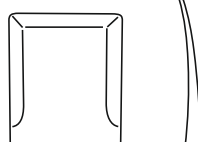
HI-457-054
10 mm



HI-457-055
15 mm



HI-457-056
10 mm



HI-457-057
15 mm

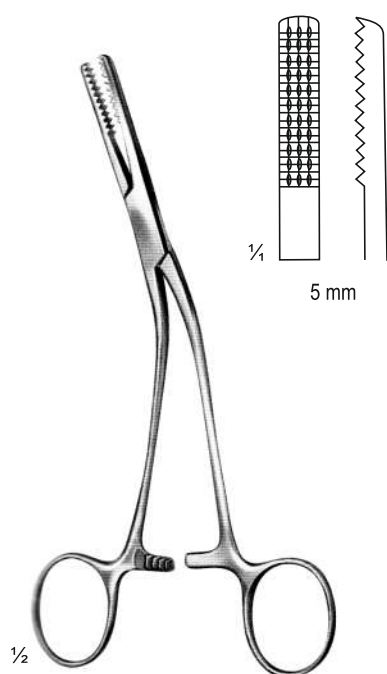
Tessier
HI-457-054 - HI-457-057
16 cm
For taking grafts from the calva

Bone Holding Forceps, Bone Cutting Forceps

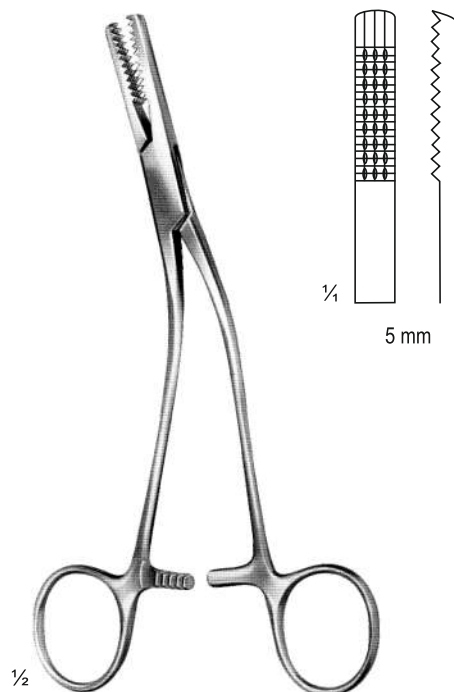
Knochenhaltezeange, Knochenschneidezange

Fórceps de soporte óseo, Fórceps de corte óseo

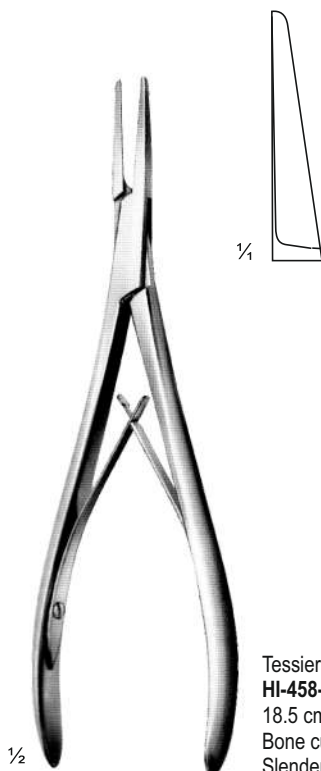
Fórceps de sujeción de hueso, fórceps de corte de hueso



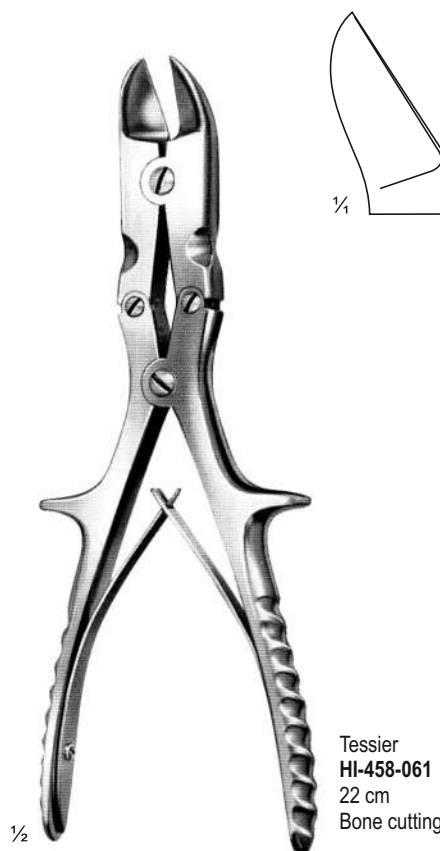
Tessier
HI-458-058
16.5 cm
Bone holding forcep



Tessier
HI-458-059
18 cm
Bone holding forcep



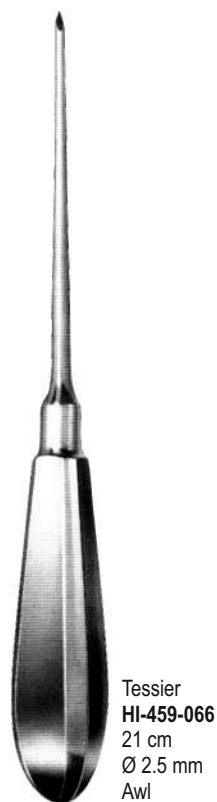
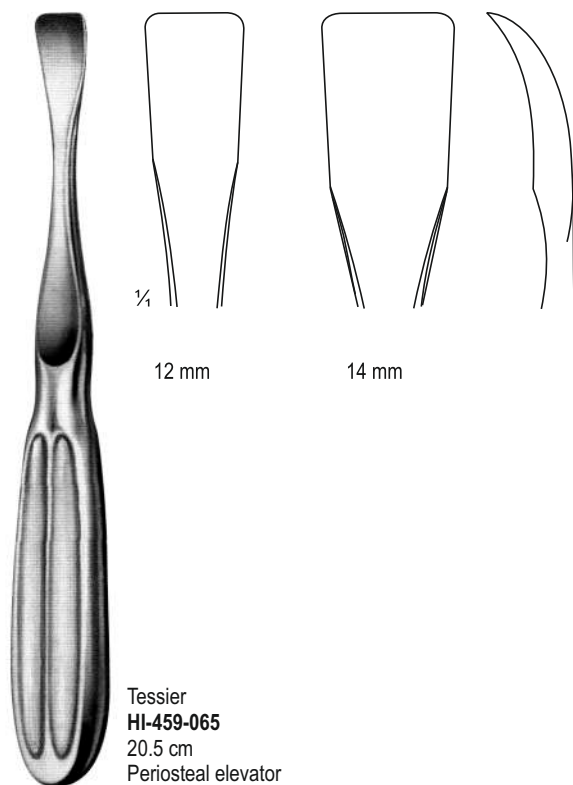
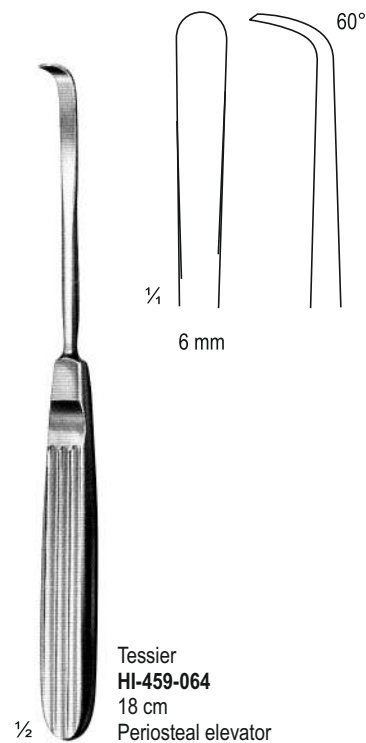
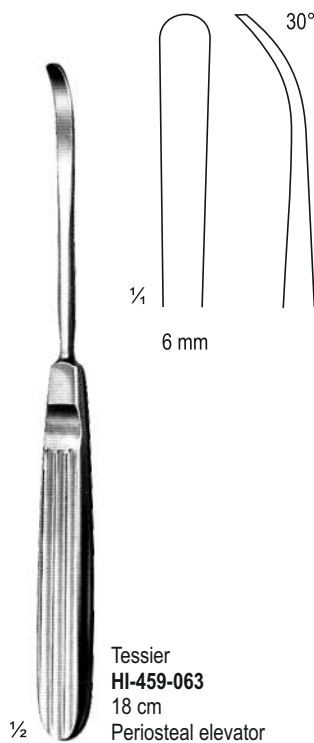
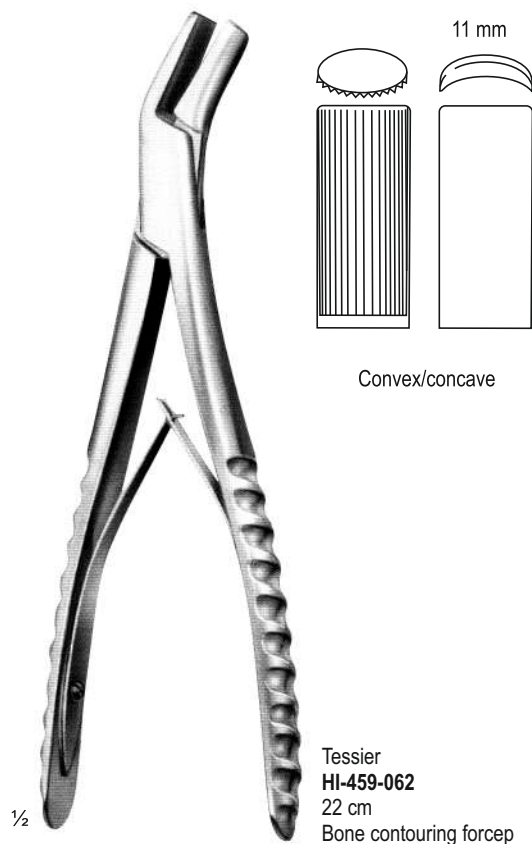
Tessier
HI-458-060
18.5 cm
Bone cutting forcep
Slender pattern



Tessier
HI-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

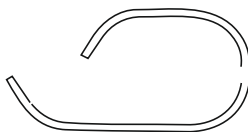


Soft Tissue Retractors

Weichteil-Reraktoren

Retradores de tejidos moles

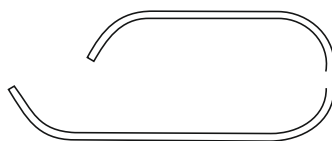
Retradores de tejidos blandos



HI-460-070

15 cm

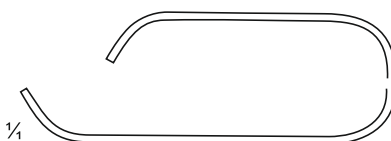
20 x 13 / 30 x 15 mm



HI-460-071

15.5 cm

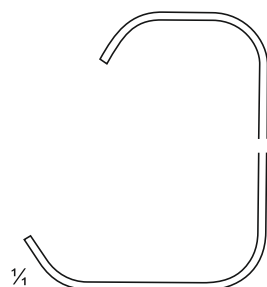
28 x 13 / 36 x 15 mm



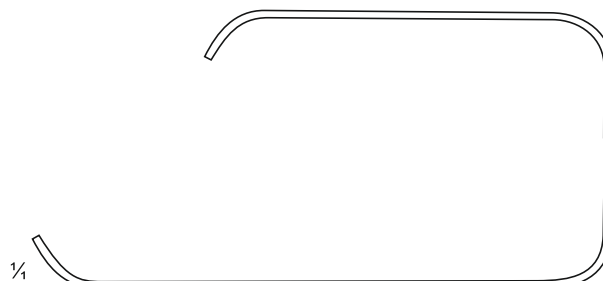
HI-460-072

15.5 cm

33 x 12 / 43 x 15 mm



19 x 7 / 29 x 10 mm



50 x 12 / 68 x 16 mm



Tessier
HI-460-069

15 cm

Black chromium-plated



Tessier
HI-460-070 - HI-460-072

Black chromium-plated



Tessier
HI-460-073

16 cm

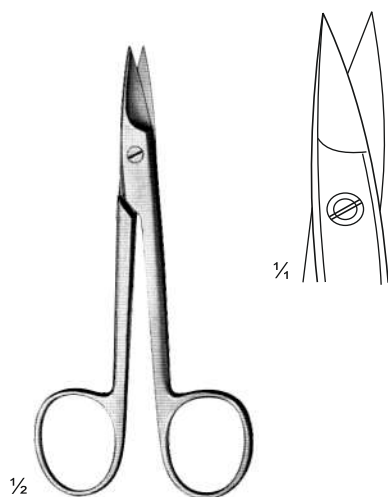
Black chromium-plated

Dissecting Scissors, Wire Cutting Scissors

Präparierschere, Schneidedrahtschere

Tesoura de dissecação, tesoura de corte de arame

Tijeras de disección, tijeras de corte de alambre

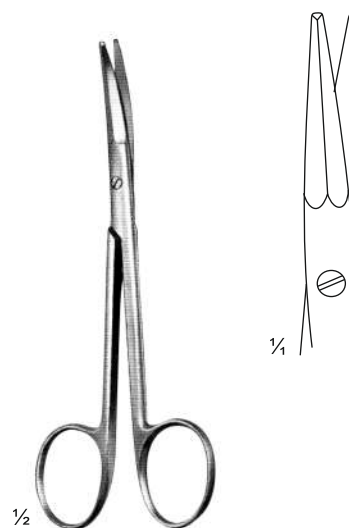


Tessier

HI-461-074

12 cm

Wire cutting scissors



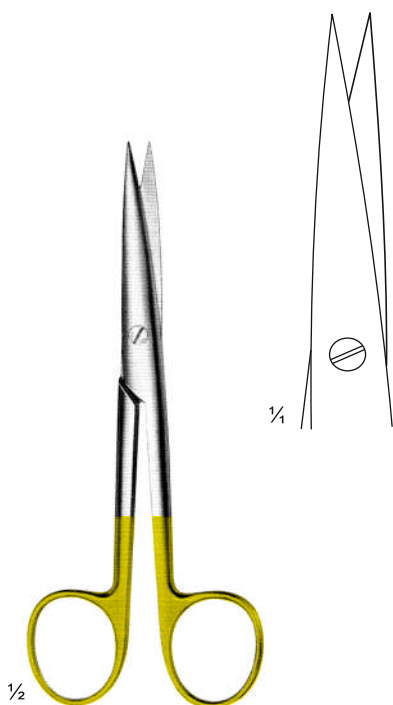
Tessier

HI-461-075

13 cm

Undermining scissors

TC GOLD

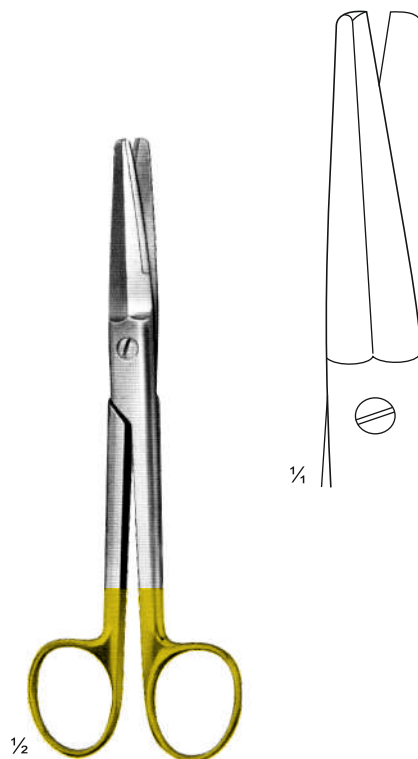


Tessier

HI-461-076

15 cm

Dissecting scissors



Tessier

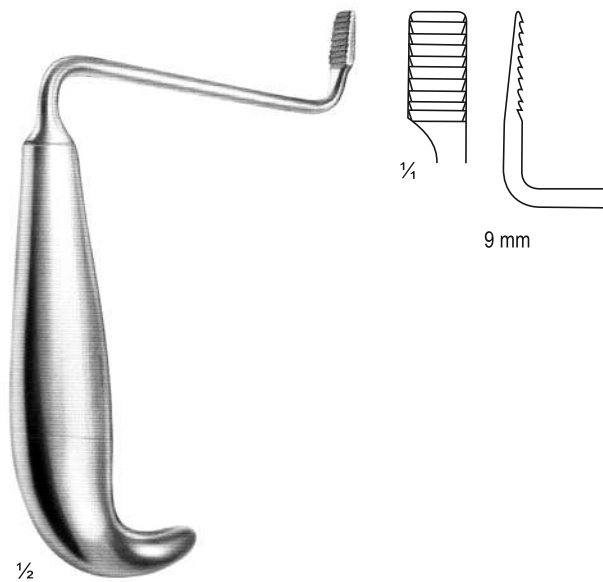
HI-461-077

16.5 cm

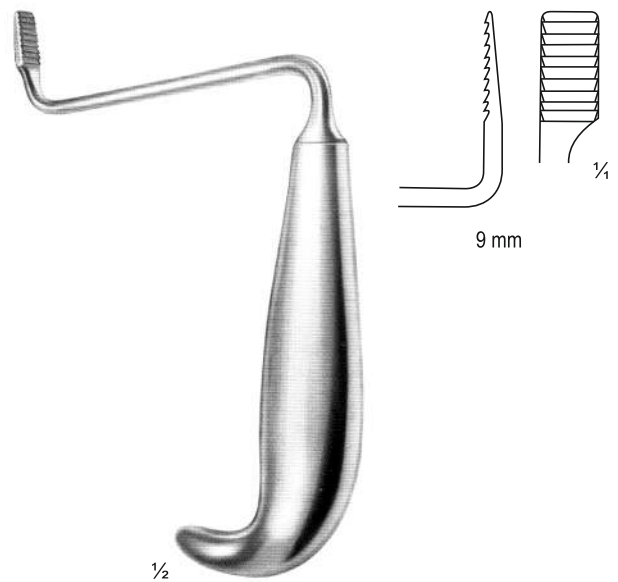
Dissecting scissors

Mobilizing Retractors, Periosteal Elevators

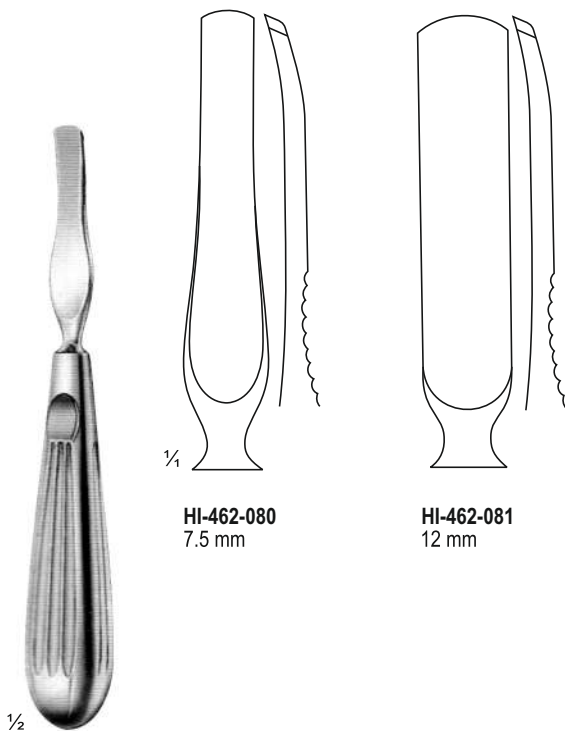
Retraktoren mobilisieren, Periostale Aufzüge
Retradores de Mobilização, Elevadores Periosteais
Retractores movilizadores, elevadores periósticos



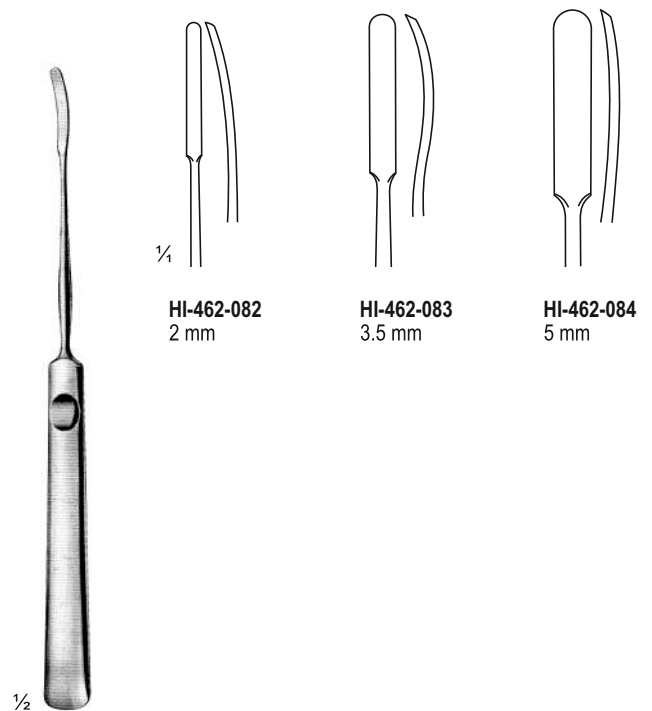
Tessier
HI-462-078
15 cm
Right
Mobilizing retractor



Tessier
HI-462-079
15 cm
Left
Mobilizing retractor



Marchac
HI-462-080 - HI-462-081
16 cm
Periosteal elevator



Marchac
HI-462-082 - HI-462-084
17 cm
Periosteal elevator

Suction Dissector, Osteotomes

Saug-Dissector, Osteotome
Dissipador de Sucção, Osteótomos
Disector de Succión, Osteótomos



Marchac
HI-463-085
19 cm
Suction Dissector



Marchac
HI-463-086 - HI-463-088
18.5 cm
Osteotome



HI-463-086
4 mm



HI-463-087
6 mm



HI-463-088
8 mm



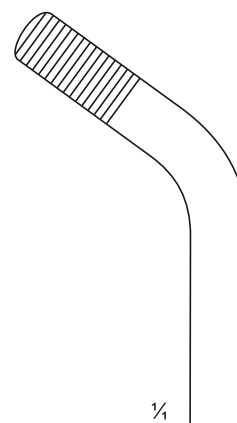
Marchac
HI-463-089
18.5 cm
Osteotome



Marchac
HI-463-090
20 cm
Bone hook



Marchac
HI-463-091
17.5 cm
Bone expander





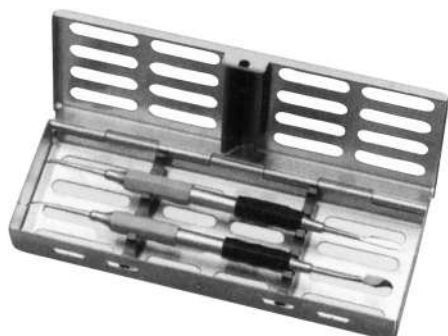
Holloware

Holloware

Holloware

Holloware

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Chico

Stainless Steel for 5 instruments

HI-465-001

180 x 60 x 22 mm



Medio

Stainless Steel for 10 instruments

HI-465-002

180 x 125 x 22 mm



Maxi

Stainless Steel for 20 instruments

HI-465-003

280 x 180 x 25 mm



Maxi Set 1

Stainless Steel rack for 15 instruments

HI-465-004

288 x 187 x 40 mm



Maxi Set 2

Stainless Steel for 15 instruments

HI-465-005

288 x 187 x 40 mm

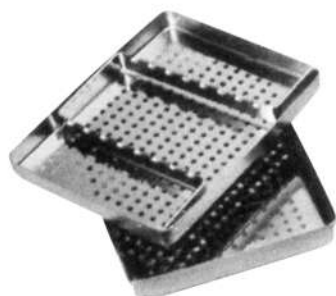


Maxi Set 3

Stainless Steel for 15 instruments

HI-465-006

288 x 187 x 40 mm

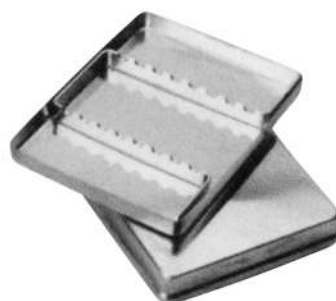


Medio

Stainless Steel Perforated Tray with cover

HI-465-007

187 x 145 x 25 mm



Medio

Stainless Steel Solid Tray with cover

HI-465-008

187 x 145 x 25 mm



Burs Disinfecting Box Stainless Steel

HI-465-009

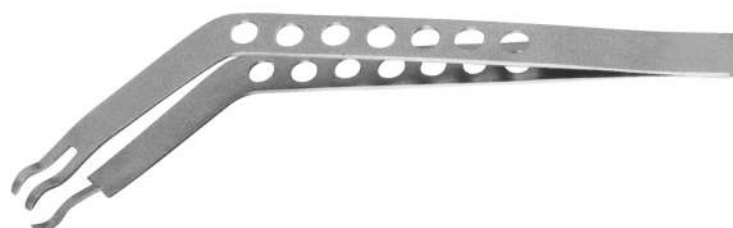
90 mm x 40 mm



Mesh Burs Holder

HI-465-010

35 mm x 150 mm



HI-465-011

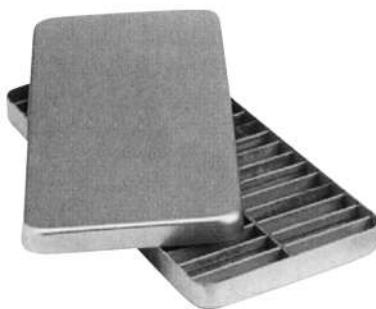
Bur Holding Tweezer 16.5 cm

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



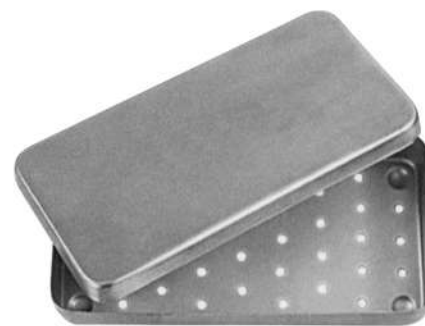
Perforated Instruments Boxes

HI-466-012	170 x 070 x 35 mm
HI-466-013	180 x 080 x 40 mm
HI-466-014	200 x 100 x 40 mm
HI-466-015	200 x 100 x 50 mm
HI-466-016	200 x 100 x 60 mm
HI-466-017	220 x 120 x 60 mm
HI-466-018	250 x 120 x 60 mm
HI-466-019	300 x 150 x 60 mm
HI-466-020	300 x 200 x 80 mm
HI-466-021	400 x 160 x 80 mm
HI-466-022	400 x 200 x 100 mm
HI-466-023	500 x 200 x 120 mm



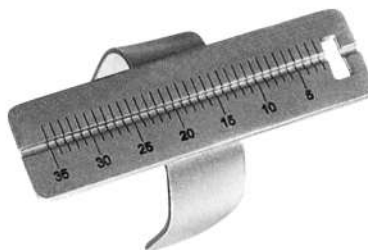
Stainless Steel endodontic tray with cover

HI-466-024	250 x 115 x 15 mm
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Instrument Box perforated

HI-466-025	180 x 90 x 30 mm
------------	------------------



HI-466-026 Endometer Laser etched



Lester Pumice Cup

HI-466-027	30 mm
------------	-------



Kidney Trays With LID

	dia.
HI-466-028	150 mm
HI-466-029	200 mm
HI-466-030	250 mm
HI-466-031	300 mm



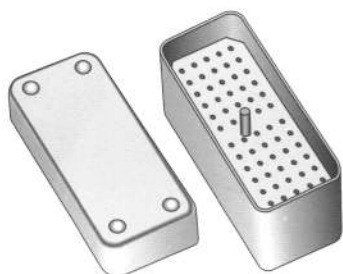
Kidney Trays

	dia.
HI-466-032	130 mm
HI-466-033	150 mm
HI-466-034	180 mm
HI-466-035	200 mm
HI-466-036	230 mm
HI-466-037	250 mm
HI-466-038	280 mm
HI-466-039	300 mm
HI-466-040	350 mm



Kidney Trays Shallow

	dia.
HI-466-041	150 mm
HI-466-042	200 mm
HI-466-043	250 mm
HI-466-044	300 mm
HI-466-045	350 mm



Dimensions

HI-467-046 104 x 44 x 54 mm



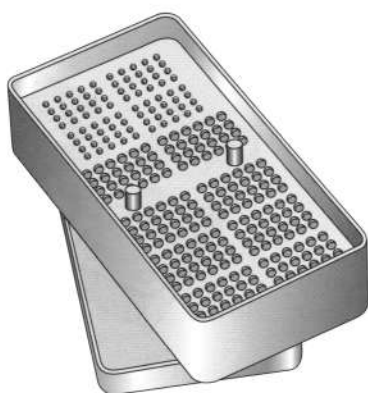
Lid-Dimensions

HI-467-047 204 x 105 x 54 mm



Lid-Dimensions

HI-467-048 204 x 105 x 54 mm



Lid-Dimensions

HI-467-049 204 x 105 x 54 mm



Lid-Dimensions

HI-467-050 125 x 105 x 54 mm

Cotton Dispensers Stainless Steel



HI-467-051
Round Aluminium Endodontic Boxes, Complete With Lid
Dimensions = 94 mm
Height = 70 mm



HI-467-052



HI-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



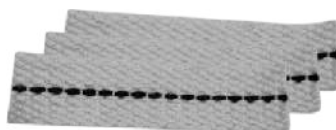
HI-468-054 Spirit Lamp 120 cc



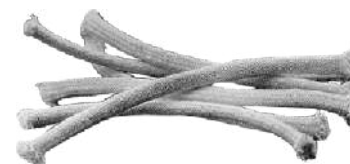
HI-468-055 Spirit Lamp 120 cc



HI-468-056 Spirit Lamp 120 cc



HI-468-057 Spare wicks Flat 13 cm (pack of 5)



HI-468-058 Spare wicks Round 13c m (pack of 5)



Forceps Jars

	dia.	height
HI-468-059	30	x 90 mm
HI-468-060	50	x 100 mm
HI-468-061	50	x 130 mm
HI-468-062	50	x 175 mm
HI-468-063	75	x 100 mm
HI-468-064	75	x 130 mm
HI-468-065	75	x 175 mm
HI-468-066	100	x 175 mm
HI-468-067	100	x 200 mm



Dressing Jars With Lid & Knob

	dia.	height
HI-468-068	75 mm	x 60 mm
HI-468-069	75 mm	x 75 mm
HI-468-070	100 mm	x 60 mm
HI-468-071	100 mm	x 100 mm
HI-468-072	125 mm	x 80 mm
HI-468-073	125 mm	x 125 mm
HI-468-074	150 mm	x 150 mm



Dressing Jars / Cotton Containers

	80 x 60 mm
HI-468-075	80 x 80 mm
HI-468-076	100 x 60 mm
HI-468-077	100 x 80 mm
HI-468-078	100 x 100 mm
HI-468-079	120 x 80 mm
HI-468-080	120 x 100 mm
HI-468-081	120 x 120 mm
HI-468-082	150 x 100 mm
HI-468-083	150 x 150 mm
HI-468-084	180 x 150 mm
HI-468-085	180 x 180 mm
HI-468-086	200 x 200 mm
HI-468-087	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.
HI-469-088	2 oz	60 ml
HI-469-089	3 oz	90 ml
HI-469-090	4 oz	120 ml
HI-469-091	6 oz	180 ml
HI-469-092	8 oz	240 ml
HI-469-093	10 oz	300 ml
HI-469-094	12 oz	360 ml
HI-469-095	16 oz	480 ml
HI-469-096	18 oz	540 ml
HI-469-097	22 oz	660 ml
HI-469-098	28 oz	840 ml
HI-469-099	36 oz	1080 ml



Stainless Steel Round Bowls / Lotion Bowls			
	dia.	height	vol.
HI-469-100	Ø 40 mm	x 19 mm	0.05L
HI-469-101	Ø 60 mm	x 30 mm	0.07L
HI-469-102	Ø 80 mm	x 40 mm	0.14L
HI-469-103	Ø 100 mm	x 50 mm	0.35L
HI-469-104	Ø 120 mm	x 60 mm	0.45L
HI-469-105	Ø 150 mm	x 70 mm	0.70L
HI-469-106	Ø 180 mm	x 90 mm	1.10L
HI-469-107	Ø 200 mm	x 100 mm	1.60L



Stainless Steel Bowls			
	dia.	height	vol.
HI-469-108	Ø 40 mm	x 19 mm	0.05L
HI-469-109	Ø 60 mm	x 30 mm	0.07L
HI-469-110	Ø 80 mm	x 40 mm	0.14L
HI-469-111	Ø 100 mm	x 50 mm	0.35L
HI-469-112	Ø 120 mm	x 60 mm	0.45L
HI-469-113	Ø 150 mm	x 70 mm	0.70L
HI-469-114	Ø 180 mm	x 90 mm	1.10L
HI-469-115	Ø 200 mm	x 100 mm	1.60L



Wash Basins	
	dia.
HI-469-116	300 mm
HI-469-117	320 mm
HI-469-118	350 mm
HI-469-119	400 mm
HI-469-120	450 mm



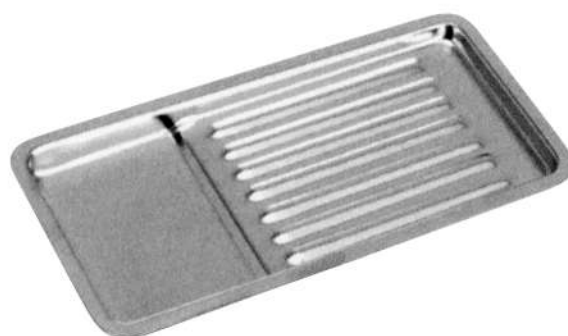
Medicine Cup	
	dia. height
HI-469-121	80 x 35 mm
HI-469-122	125 x 60 mm
HI-469-123	160 x 60 mm
HI-469-124	180 x 70 mm
HI-469-125	200 x 70 mm
HI-469-126	300 x 120 mm



Medicine Cup (Graduated)	
Size (mm)	Cap.(ml)
HI-469-127	2 Oz. 60 ml



Scalers Trays	
HI-470-128	190 x 100 x 17 mm
HI-470-129	200 x 100 x 25 mm



Scalers Trays	
HI-470-130	185 x 80 x 15 mm



Instruments Trays With LID	
HI-470-131	150 x 100 x 50 mm
HI-470-132	200 x 100 x 50 mm
HI-470-133	220 x 120 x 50 mm
HI-470-134	240 x 140 x 50 mm
HI-470-135	200 x 150 x 50 mm
HI-470-136	250 x 200 x 50 mm
HI-470-137	300 x 250 x 50 mm
HI-470-138	300 x 200 x 50 mm
HI-470-139	350 x 250 x 50 mm
HI-470-140	400 x 300 x 50 mm
HI-470-141	450 x 300 x 50 mm
HI-470-142	450 x 350 x 50 mm



Instruments Trays Without LID	
HI-470-143	150 x 100 x 50 mm
HI-470-144	200 x 100 x 50 mm
HI-470-145	220 x 120 x 50 mm
HI-470-146	240 x 140 x 50 mm
HI-470-147	200 x 150 x 50 mm
HI-470-148	250 x 200 x 50 mm
HI-470-149	300 x 250 x 50 mm
HI-470-150	300 x 200 x 50 mm
HI-470-151	350 x 250 x 50 mm
HI-470-152	400 x 300 x 50 mm
HI-470-153	450 x 300 x 50 mm
HI-470-154	450 x 350 x 50 mm



Flat Instruments Trays / Mayo Trays

HI-471-155	210 x 160 x 10 mm
HI-471-156	240 x 180 x 10 mm
HI-471-157	310 x 150 x 10 mm
HI-471-158	310 x 210 x 10 mm
HI-471-159	350 x 240 x 10 mm
HI-471-160	400 x 300 x 10 mm
HI-471-161	450 x 300 x 10 mm

Mayo Trays Perforated

HI-471-162	210 x 160 x 10 mm
HI-471-163	240 x 180 x 10 mm
HI-471-164	310 x 150 x 10 mm
HI-471-165	310 x 210 x 10 mm
HI-471-166	350 x 240 x 10 mm
HI-471-167	400 x 300 x 10 mm
HI-471-168	450 x 300 x 10 mm



DIN Baskets perforated sides

HI-471-169	240 x 240 x 50 mm
HI-471-170	240 x 240 x 100 mm
HI-471-171	480 x 260 x 50 mm
HI-471-172	520 x 260 x 80 mm
HI-471-173	520 x 260 x 100 mm

Wiremesh Baskets perforated

HI-471-174	240 x 240 x 50 mm
HI-471-175	260 x 240 x 100 mm
HI-471-176	480 x 260 x 50 mm
HI-471-177	520 x 260 x 80 mm
HI-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

HI-472-179	150 x 100 x 50 mm
HI-472-180	200 x 100 x 50 mm
HI-472-181	220 x 120 x 50 mm
HI-472-182	240 x 140 x 50 mm
HI-472-183	200 x 150 x 50 mm
HI-472-184	250 x 200 x 50 mm
HI-472-185	300 x 200 x 50 mm
HI-472-186	300 x 250 x 50 mm
HI-472-187	400 x 300 x 50 mm
HI-472-188	450 x 300 x 50 mm
HI-472-189	450 x 350 x 50 mm



Instrument Boxes With LID

HI-472-190	150 x 100 x 50 mm
HI-472-191	200 x 100 x 50 mm
HI-472-192	220 x 120 x 50 mm
HI-472-193	240 x 140 x 50 mm
HI-472-194	200 x 150 x 50 mm
HI-472-195	250 x 200 x 50 mm
HI-472-196	300 x 200 x 50 mm
HI-472-197	300 x 250 x 50 mm
HI-472-198	400 x 300 x 50 mm
HI-472-199	450 x 350 x 50 mm
HI-472-200	500 x 200 x 70 mm



Non-Electric Sterilizer

HI-472-201	170 x 070 x 35 mm
HI-472-202	180 x 080 x 40 mm
HI-472-203	200 x 100 x 40 mm
HI-472-204	200 x 100 x 50 mm
HI-472-205	200 x 100 x 60 mm
HI-472-206	220 x 120 x 60 mm
HI-472-207	250 x 120 x 60 mm
HI-472-208	300 x 150 x 60 mm
HI-472-209	300 x 200 x 80 mm
HI-472-210	400 x 160 x 80 mm
HI-472-211	400 x 200 x 100 mm
HI-472-212	500 x 200 x 120 mm



Electric Sterilizer

HI-472-213	170 x 070 x 35 mm
HI-472-214	180 x 080 x 40 mm
HI-472-215	200 x 100 x 40 mm
HI-472-216	200 x 100 x 50 mm
HI-472-217	200 x 100 x 60 mm
HI-472-218	220 x 120 x 60 mm
HI-472-219	250 x 120 x 60 mm
HI-472-220	300 x 150 x 60 mm
HI-472-221	300 x 200 x 80 mm
HI-472-222	400 x 160 x 80 mm
HI-472-223	400 x 200 x 100 mm
HI-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

HI-473-225	180 x 80 x 30 mm
HI-473-226	180 x 80 x 40 mm
HI-473-227	180 x 80 x 50 mm
HI-473-228	200 x 100 x 30 mm
HI-473-229	200 x 100 x 40 mm
HI-473-230	200 x 100 x 50 mm
HI-473-231	250 x 120 x 40 mm
HI-473-232	250 x 120 x 50 mm
HI-473-233	250 x 120 x 60 mm



Catheter trays with cover

HI-473-234	200 x 60 x 40 mm
HI-473-235	200 x 90 x 40 mm
HI-473-236	320 x 95 x 50 mm
HI-473-237	365 x 90 x 50 mm
HI-473-238	440 x 115 x 50 mm



Instruments Boxes With Filters

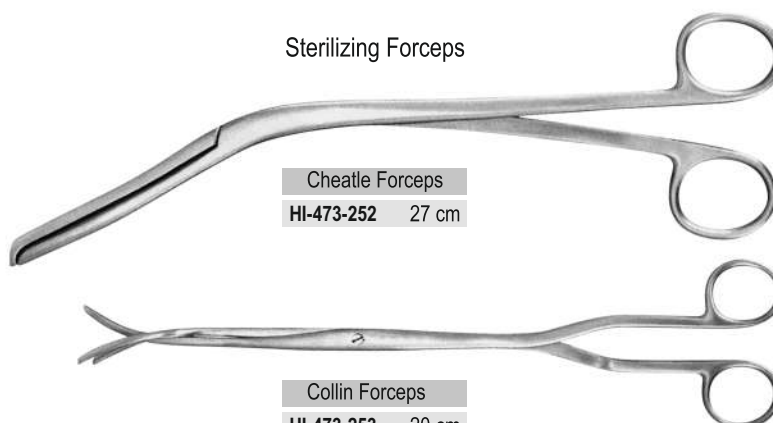
HI-473-239	170 x 070 x 35 mm
HI-473-240	180 x 080 x 40 mm
HI-473-241	200 x 100 x 40 mm
HI-473-242	200 x 100 x 50 mm
HI-473-243	200 x 100 x 60 mm
HI-473-244	220 x 120 x 60 mm
HI-473-245	250 x 120 x 60 mm
HI-473-246	300 x 150 x 60 mm
HI-473-247	300 x 200 x 80 mm
HI-473-248	400 x 160 x 80 mm
HI-473-249	400 x 200 x 100 mm
HI-473-250	500 x 200 x 120 mm



Thermometer Jar

	dia. height
HI-473-251	Ø 25 x 100 mm

Sterilizing Forceps



Cheattle Forceps

HI-473-252 27 cm

Collin Forceps

HI-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

HI-474-254 210 x 125 x 17 mm



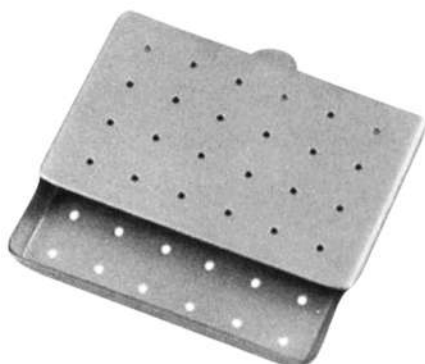
Needle Case Sauerbruch

HI-474-255 210 x 125 x 17 mm



Needle Case

HI-474-256 150 x 90 x 10 mm

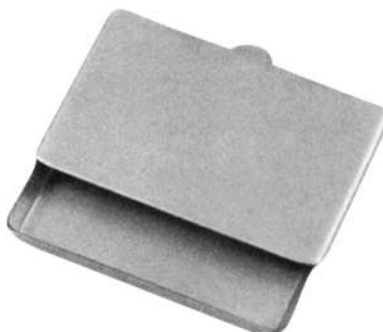


Needle Cases Perforated

HI-474-257 50 x 25 x 4.5 mm

HI-474-258 65 x 42 x 8 mm

HI-474-259 75 x 25 x 4.5 mm



Needle Cases Plain

HI-474-260 50 x 25 x 4.5 mm

HI-474-261 65 x 42 x 8 mm

HI-474-262 75 x 25 x 4.5 mm



HI-474-263 Needle Case Complete



Funnels

	dia.
HI-474-264	100 mm
HI-474-265	120 mm
HI-474-266	150 mm
HI-474-267	200 mm
HI-474-268	240 mm



Petri Dishes

	Dia. x Height
HI-474-269	60 x 20 mm
HI-474-270	90 x 15 mm
HI-474-271	100 x 20 mm
HI-474-272	120 x 20 mm



Urinal Jugs

HI-475-273	Horizontal	115 x 230 mm
HI-475-274	Vertical Junior	95 x 205 mm
HI-475-275	Vertical Adult	100 x 225 mm


HI-475-276

Male Urinal


HI-475-277

Urinal Female

1200 ml



Bedpan

	dia.
HI-475-278	235 mm
HI-475-279	320 mm



Bedpan

	dia.
HI-475-280	235 mm
HI-475-281	320 mm



Bedpan

HI-475-282	300 x 235 x 72 mm
HI-475-283	400 x 255 x 90 mm


HI-475-284

Bedpan Simple

Bedpans, Sterilizing Drums, Compartment Trays
 Bettpfannen, Sterilisiertrommeln, Abteiltablets
 Bedpans, Esterilizadores, Bandejas de Compartimento
 Cubrecamas, tambores esterilizadores, bandejas compartimentadas



Compartmental Tray

HI-476-285 390 x 290 x 20 mm



Sterilizing Drums

	Dia. x Height	
HI-476-290	Ø 80	x 80 mm
HI-476-291	Ø 105	x 120 mm
HI-476-292	Ø 140	x 140 mm
HI-476-293	Ø 160	x 120 mm
HI-476-294	Ø 160	x 150 mm
HI-476-295	Ø 190	x 150 mm
HI-476-296	Ø 190	x 190 mm
HI-476-297	Ø 240	x 160 mm
HI-476-298	Ø 240	x 240 mm
HI-476-299	Ø 290	x 160 mm
HI-476-300	Ø 290	x 240 mm
HI-476-301	Ø 340	x 160 mm
HI-476-302	Ø 340	x 340 mm
HI-476-303	Ø 390	x 190 mm
HI-476-304	Ø 380	x 290 mm



American Pattern Bed Pan Adult

HI-476-286 355 x 290 x 110 x 55 mm

HI-476-287 308 x 80 x 80 x 45 mm

American Pattern Bed Pan Adult With Lid

HI-476-288 355 x 290 x 110 x 55 mm

HI-476-289 308 x 80 x 80 x 45 mm



Dissecting Kits

Kits zerlegen

Kits de Dissecção

Kits de disección

Page 478-480



Dissecting Kit - Set of 9 Pcs

HI-478-001

- Probe 14 cm
- Scalpel Handle 15 cm
- Scalpel Handle 15 cm
- Butterfly probe
- Dressing Forcep 13 cm
- Kocher Forcep 13 cm
- Dressing Scissor S/B Str 13 cm
- Dressing Scissor S/B Cvd 13 cm
- Needle Holder Forcep 13 cm

Dissecting Kit - Set of 9 Pcs

HI-478-002

- Butterfly probe
- Probe 14 cm
- Needle Holder Forcep 14 cm
- Scalpel Handle # 3
- Scalpel Handle # 4
- Dressing Scissor S/B Str 14 cm
- Dressing Scissor S/B Cvd 14 cm
- Dressing Forcep 14 cm
- Kocher Forcep 1x2 Teeth 14 cm



Dissecting Kit - Set of 13 Pcs

HI-478-003

- Frazier Hook 15 cm
- Scalpel Handle 15 cm
- Scalpel Handle 15 cm
- Scalpel Handle # 3 (Scalling Engraved)
- Dressing Forcep 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
HI-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
HI-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
HI-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)



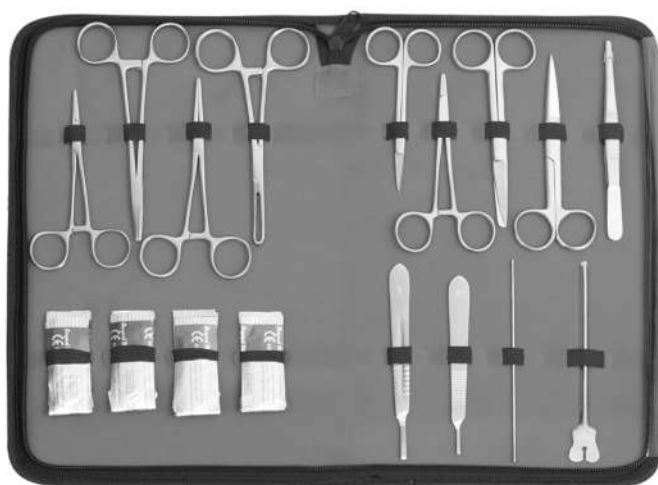
Dissecting Kit - Set of 35 Pcs
HI-480-007

- 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
HI-480-008



Dissecting Kit - Set of 53 Pcs
HI-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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