



SCHWERT

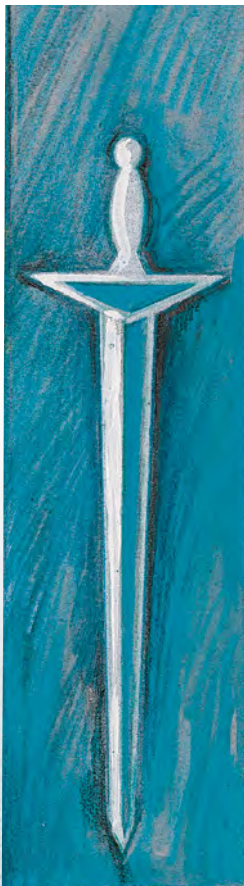
CHIRURGIE

INSTRUMENTE

SURGERY

INSTRUMENTS

SEIT / SINCE 1896



SCHWERT

SWORD · ESPADA
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Sehr geehrter Kunde

Die EU-Verordnung für Medizinprodukte (Medical Device Regulation) bringt viele neue Anforderungen mit sich. Eine wichtige neue Anforderung sind die Angaben auf dem Etikett der Verpackung.

Aus diesem Grund haben wir unser Etikett auf den neusten Stand gebracht und möchten es auf diesem Weg kurz vorstellen.

Dear Customer

The EU Regulation on Medical Devices (Medical Device Regulation) leads to many new requirements.

An important new requirement is the information on the packaging label.

For this reason, we have updated our label and would like to introduce it to you briefly.

A. Schweickhardt GmbH & Co. KG
Tuttlingerstraße 12
D -78606 Seitingen / Germany

MD CE

REF 617-21
P-Lux periotome, flexible, curved tip
16,8cm

QTY 1

LOT 368559 AEES Scan QR-CODE for available Application Guidance or send a request by e-mail to contact@schwert.com !
==>

HIBC 2020-05-28

+E896617211/\$368559AEESJ

Dok.-Nr. 070509001L / Rev. 21.04.2021

- MD** Medizinprodukt / Medical device
- CE-Zeichen** / CE marking
- Hersteller / Manufacturer
- QTY X** Menge / Quantity
- REF** Artikel-Nr. / Article no. + Artikel-Bezeichnung / Art. description
- Symbole / Symbols
- LOT** LOT Nr. / LOT no.
- HIBC** HIBC Barcode + HR Code
- Herstellungsdatum / Date of manufacture
- *QR-Code

*Direktzugriff auf alle produktspezifischen Anwenderinformationen über:
*Direct access to all product-specific user information on:

schwert.com



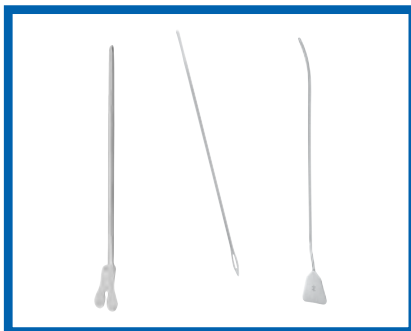
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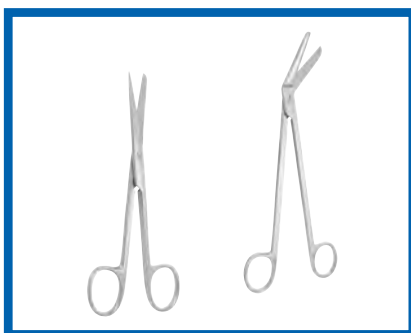
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Pinzetten
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Scheren, Supercut-Scheren
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Ciseaux, Ciseaux Supercut
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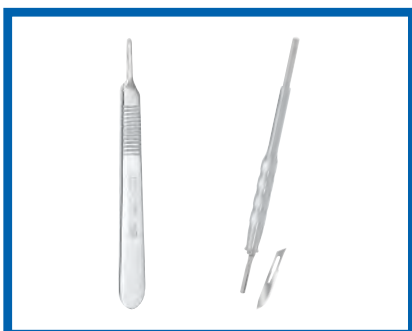
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Verschiedene Klemmen
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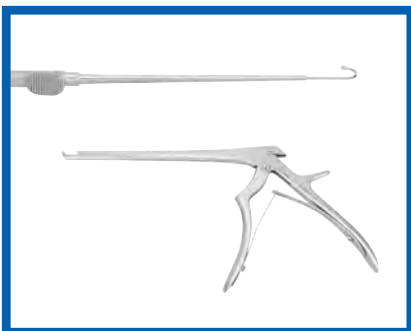
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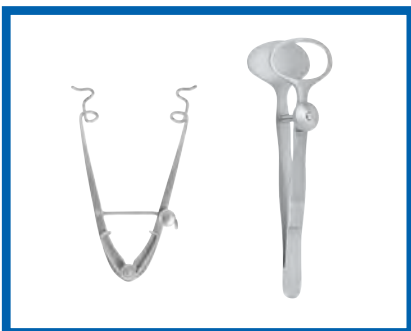
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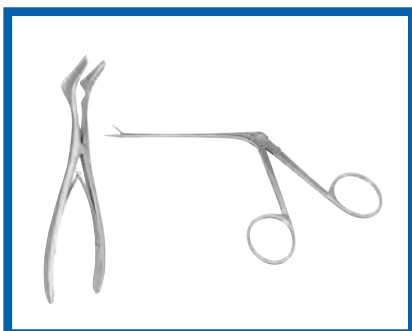
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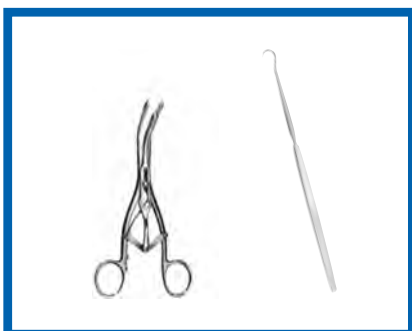
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ENT-Instruments
Instruments ORL
Instrumental ORL**

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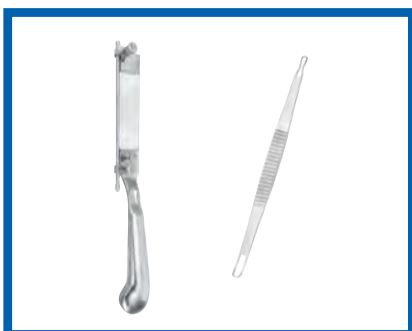
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Miscellaneous Nail Instruments
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Instruments divers pour les ongles / Instrumentes diverses para las uñas



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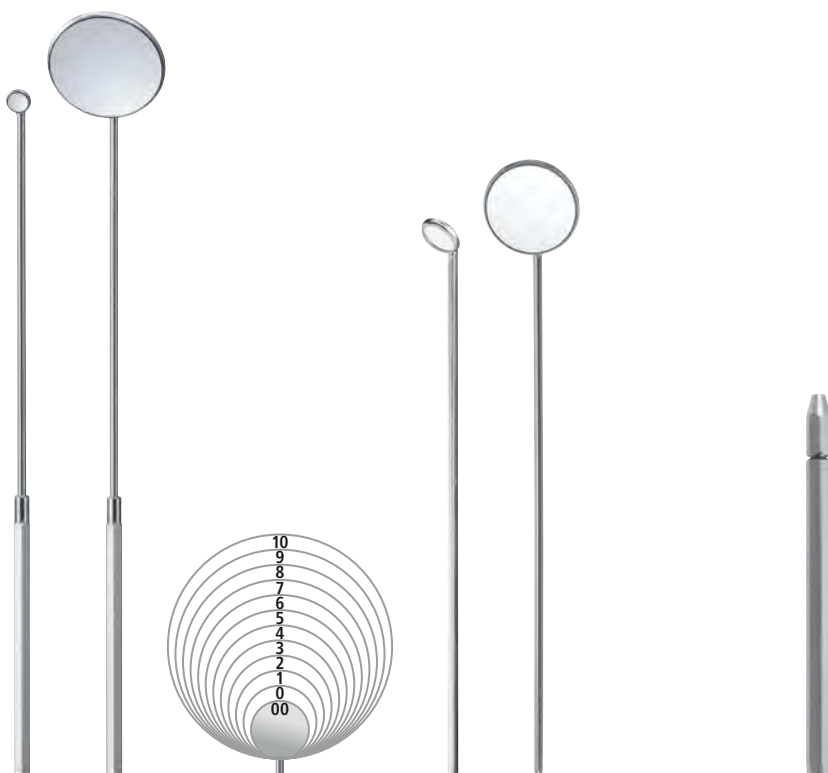
Diagnostik Diagnostic Diagnostic Diagnóstico





Kehlkopfspiegel Laryngeal Mirrors Miroirs laryngiens Espejos laringeos

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22508-30	Fig. 000	=	6 mm Ø	22505-30
22508-20	Fig. 00	=	8 mm Ø	22505-20
22508-0	Fig. 0	=	10 mm Ø	22505-0
22508-1	Fig. 1	=	12 mm Ø	22505-1
22508-2	Fig. 2	=	14 mm Ø	22505-2
22508-3	Fig. 3	=	16 mm Ø	22505-3
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22508-5	Fig. 5	=	20 mm Ø	22505-5
22508-6	Fig. 6	=	22 mm Ø	22505-6
22508-7	Fig. 7	=	24 mm Ø	22505-7
22508-8	Fig. 8	=	26 mm Ø	22505-8
22508-9	Fig. 9	=	28 mm Ø	22505-9
22508-10	Fig. 10	=	30 mm Ø	22505-10

22500

10,0 cm/4"

Metallgriff für Kehlkopfspiegel
Metal handle for laryngeal mirrors
Manche pour miroirs laryngiens
Mango metalico para espejos laringeos

Perkussionshämmer
Percussion Hammers
Marteaux - percuteurs
Martillos de percusión



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Babinsky

10921

22 cm/8¾"

Babinsky

10921-1

Gummi allein
Rubber only
Gommeseul
Goma suelta



Taylor

10912

20 cm/8"



Berliner

10908

20 cm/8"



Traube

10900

17 cm/6¾"



Troemner

10935

24 cm/9½"

Perkussionshämmer
Percussion Hammers
Marteaux - percuteurs
Martillos de percusión

Prüf- und Messinstrumente
Examination and Measuring Instruments
Instruments pour examiner et mesurer
Instrumentes para examenes y medidas

Ohrspekula
Ear Specula
Speculums auriculaires
Especulos auriculares



Buck
10926
 18 cm/7"



Déjerine
10930
 20 cm/8"

ohne Nadel
 without needle
 sans aiguille
 sin aguja



Déjerine
10931
 21 cm/8¼"

mit Nadel
 with needle
 avec aiguille
 con aguja



Rabiner
10937
 23 cm/9"



Metall-Messstab mit Millimetereinteilung. Nur zur Vergleichsmessung.
 Metal Rule graduated in millimeters and inches. Only for comparison measurement.
 Règle en metal divise en centimetres et pouces. Pour une mesure comparative uniquement.
 Regla metrica de metal graduada en milimetros y pulgadas. Sólo a efectos comparativos.

- 10854-15** 15,0 cm/6"
- 10854-20** 20,0 cm/8"
- 10854-30** 30,0 cm/12"
- 10854-50** 50,0 cm/20"



10856-15 15,0 cm/6"



Hartmann

Ohrspekula
 Ear Specula
 Speculum auriculaire
 Especulo auricular



Fig. 0

20124
 3,0 mm Ø



Fig. 1

20123-11
 4,0 mm Ø



Fig. 2

20123-12
 5,0 mm Ø



Fig. 3

20123-13
 6,0 mm Ø



Fig. 4

20123-14
 7,5 mm Ø

20124-3

Satz, set, jeu, juego
 Fig. 0, 1, 2

20123-3

Satz, set, jeu, juego
 Fig. 2, 3, 4

Stimmgabeln
Tuning forks
Diapasóns
Diapasónes



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Hartmann
c 128
20154-C



Hartmann
c¹ 256
20154-C1



Hartmann
c² 512
20154-C2



Hartmann
c³ 1024
20154-C3



Hartmann
c⁴ 2048
20154-C4



Hartmann
c⁵ 4096
20154-C5



Hartmann
c 64
20158-C64



Hartmann
c 128
20158-C128



Hartmann
c¹ 256
20158-C1



Hartmann
mit Fuß, with foot
avec pied, con pie
c¹ 256
20155-C1



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**Stimmgabeln
Tuning forks
Diapasons
Diapasónes**



Lucae
c 128
20160-C



Lucae
c¹ 256
20160-C1



Lucae
c² 512
20160-C2



Lucae
c³ 1024
20160-C3



Lucae
c⁴ 2048
20160-C4



Lucae
c⁵ 4096
20160-C5



Lucae
c 128
20161-C

Stimmgabeln
Tuning forks
Diapasons
Diapasónes



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20175-1

Satz zu 6 Hartmann Stimmgabeln im Etui
Set of 6 Hartmann tuning forks in a case
Jeu de 6 Hartmann diapasons dans un étui
Juego de 6 Hartmann diapasones en estuche
(20154-C2, 20154-C3, 20154-C4, 20154-C5,
20158-C128, 20158-C1)

20178

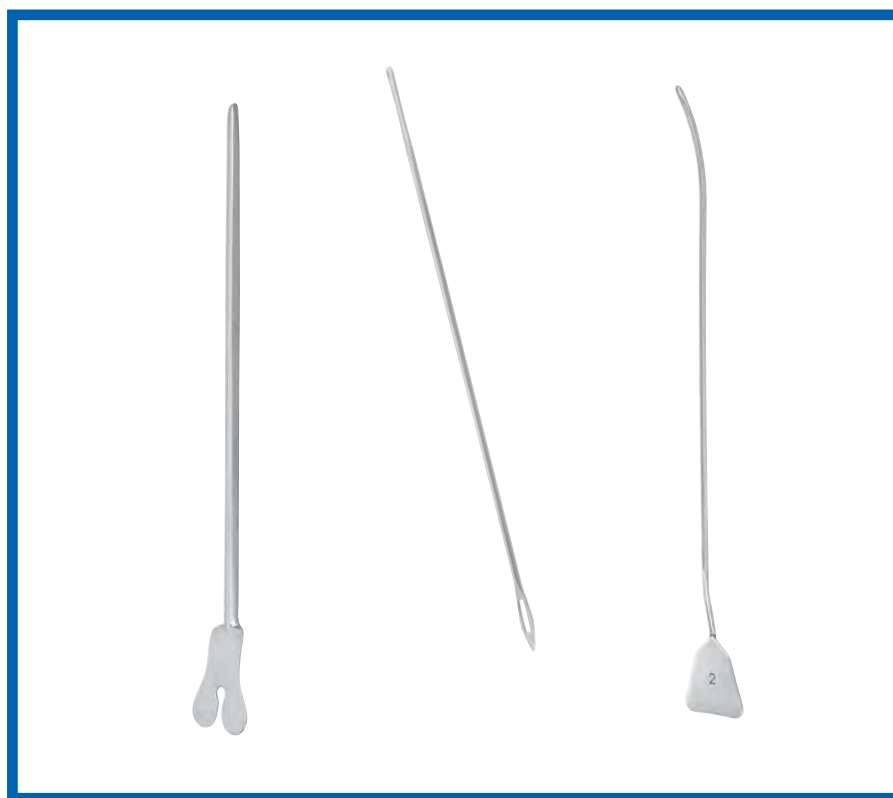
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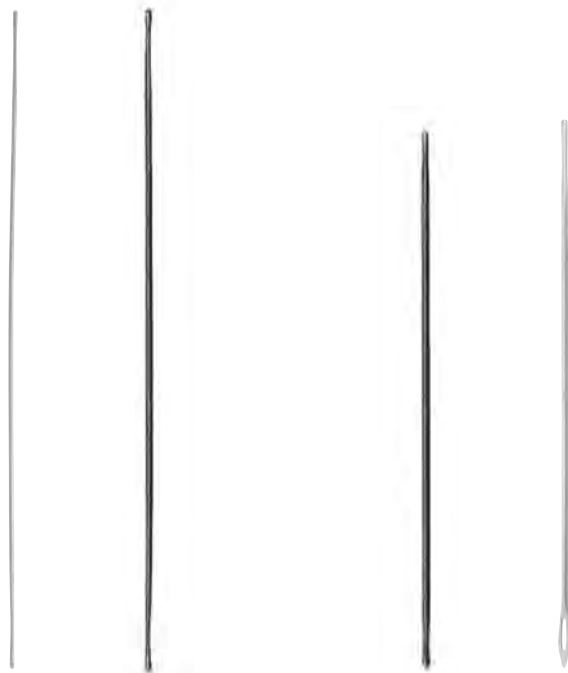
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Sonden
Probes and Directors
Stylets et Sandes
Estiletos y Sondas



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cm	inch	1,0 mm Ø	1,5 mm Ø	2,0 mm Ø	2,0 mm Ø
11,5	4½	11078-11		11080-11	11085-11
13,0	5	11078-13		11080-13	11085-13
14,5	5½	11078-14	11079-14	11080-14	11085-14
16,0	6¼	11078-16	11079-16	11080-16	11085-16
18,0	7	11078-18	11079-18	11080-18	11085-18
20,0	8	11078-20	11079-20	11080-20	11085-20
25,0	10			11080-25	11085-25



cm	inch			Doyen	Nelaton
11,5	4½	11090-11	11104-11		
13,0	5	11090-13	11104-13	11106-13	
14,0	5½	11090-14	11104-14	11106-14	11110-14
16,0	6¼	11090-16	11104-16	11106-16	11112-16
18,0	7		11104-18		
20,0	8		11104-20		



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Sonden Probes and Directors Stylets et Sandes Estiletos y Sondas



Lockhart-Mummery
16,5 cm/6½"

Fig. 1
11120-1

Fistelsonden
Fistula probes
Sondes pour fistules
Sondas para fistulas

Fig. 2
11120-2

Fig. 3
11120-3

Fig. 4
11120-4



Watson-Cheyne

11115-13 13,0 cm/5"

11115-18 18,0 cm/7¼"

**Pflasterspatel
Plaster Spatula
Spatules
Espátulas**

**Watteträger
Cotton Applicators
Porte-cotons
Porta-algodones**



Pflasterspatel
Plaster Spatula
Spatules
Espátulas

11160-13 13,0 cm/5"

11160-14 14,5 cm/5½"



Farrell
(Lathbury)

	cm	inch	mm Ø
20202-12	12,0	4¾	0,9
20203-14	14,0	5½	1,0
20202-14	14,0	5½	0,9
20204-14	14,0	5½	1,2
20204-16	18,0	6½	1,1
20204-18	18,0	7	1,2
20208-18	18,0	7	1,5
20209-18	18,0	7	1,8



Jobson-Horne

20220-18

18,0 cm/7"



Uckermann

20210-16

16,0 cm/6¼"



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Krampfader-Besteck Varicose Vein Probe Set Trousse à varices Juego para várices



Nabatoff

11185

135x100x25 mm

Satz komplett

Set complete

Jeu complet

Juego completo

11185-1

Metalletui allein

Metal case only

Boîte metal seule

Estuche de metal suelto

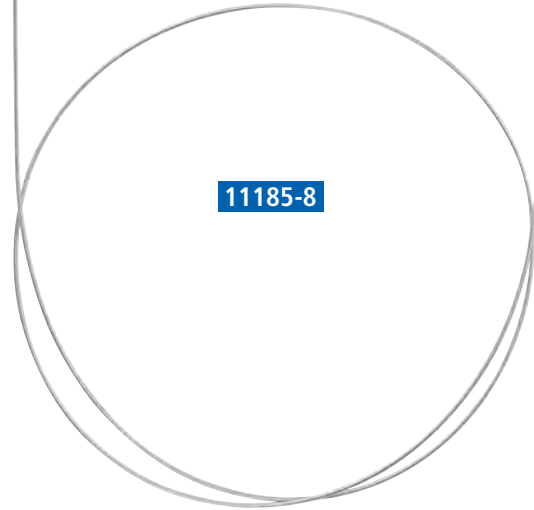
11185-2



11185-20



11185-8



1:1



11185-3

Ø 3,0 mm



11185-6

Ø 6,0 mm



11185-9

Ø 9,0 mm



11185-12

Ø 12,0 mm



11185-15

Ø 15,0 mm



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Splitterzangen

Splinter Forceps

Pinces à echardes

Pinzas para espinas





Splitterzangen
Splinter Forceps
Pinces à échardes
Pinzas para espinas

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Peet

11275

11,5 cm/4½"



Arthur

11270

13,5 cm/5½"
gerade, straight,
droite, recta

11270-5

gebogen, curved,
courbe, curvas



Stieglitz

11260-14

13,5 cm/5½"
gerade, straight,
droite, recta

11261-14

gebogen, curved,
courbe, curvas



Ralk

15,0 cm/6"



11272

gerade
straight
droite
recta



11272-5

gebogen
curved
courbe
curva



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Pinzetten
Forceps
Pinces
Pinzas





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Schweizer Pinzetten, extra fein
Fine Swiss Tweezers
Brucelles suisses
Pinzas suizas



0,3 mm

11412-12



0,3 mm

11413-2



0,2 mm

11413-3



0,2 mm

11412-11



0,15 mm

11413-5



0,2 mm

11413-6



0,25 mm

11411



Anatomische Pinzetten
Dressing Forceps
Pinces à dissection
Pinzas de disección



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Standard

11305-10	10,5 cm/4¼"
11305-11	11,5 cm/4½"
11305-13	13,0 cm/5"
11305-14	14,5 cm/5½"
11305-16	16,0 cm/6¼"
11305-18	18,0 cm/7"
11305-20	20,0 cm/8"
11305-25	25,0 cm/10"
11305-30	30,0 cm/12"



Standard
 gebogen, curved
 courbe, curvas

11306-10	10,5 cm/4¼"
11306-11	11,5 cm/4½"
11306-13	13,0 cm/5"
11306-14	14,5 cm/5½"
11306-16	16,0 cm/6¼"
11306-18	18,0 cm/7"
11306-20	20,0 cm/8"
11306-25	25,0 cm/10"



schmal, narrow
 étroite, estrechas

11300-11	11,5 cm/4½"
11300-13	13,0 cm/5"
11300-14	14,5 cm/5½"
11300-16	16,0 cm/6¼"
11300-18	18,0 cm/7"
11300-20	20,0 cm/8"
11300-25	25,0 cm/10"
11300-30	30,0 cm/12"



schmal, narrow
 étroite, estrechas

11301-11	11,5 cm/4½"
11301-13	13,0 cm/5"
11301-14	14,5 cm/5½"
11301-16	16,0 cm/6¼"
11301-18	18,0 cm/7"
11301-20	20,0 cm/8"
11301-25	25,0 cm/10"
11301-30	30,0 cm/12"



fein, delicate
 fine, finas

11302-13	13,0 cm/5"
11302-14	14,5 cm/5½"



Schwedisches Modell
Swedish pattern
Modele suedois
Modelo sueco

11312-13	13,0 cm/5"
11312-15	15,0 cm/6"
11312-17	17,0 cm/6¾"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Anatomische Pinzetten Dressing Forceps Pincès à dissection Pinzas de disección



USA-Mod. Standard

11325-12	12,0 cm/4¾"
11325-13	13,0 cm/5"
11325-14	14,5 cm/5½"
11325-15	15,5 cm/6"
11325-18	18,0 cm/7"
11325-21	21,0 cm/8¼"
11325-25	25,0 cm/10"
11325-31	31,0 cm/12¼"



USA-Mod.

schmal, narrow
étroite, estrechas

11326-12	11,5 cm/4½"
11326-13	13,0 cm/5"
11326-14	14,5 cm/5½"
11326-15	15,5 cm/6"



engl. Mod.

11320-13	13,0 cm/5"
11320-14	14,5 cm/5½"
11320-15	15,5 cm/6"



Semken

11340-13	13,0 cm/5"
11340-15	15,0 cm/6"



Adson

Micro 0,8 mm	
11405-12	12,0 cm/4¾"
1,2 mm	
11400	12,0 cm/4¾"



Mc Indoe

11342	15,0 cm/6"
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Anatomische Pinzetten
Dressing Forceps
Pinces à dissection
Pinzas de disección



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Potts-Smith

- 11450-18** 18,0 cm/7"
- 11450-20** 21,0 cm/8¼"
- 11450-25** 25,0 cm/10"



Potts-Smith
 gebogen, curved
 courbe, curvas

- 11449-18** 18,0 cm/7"
- 11449-21** 21,0 cm/8¼"
- 11449-25** 25,0 cm/10"



Gerald

- 11444** 18,0 cm/7"



Gerald
 gebogen, curved
 courbe, curvas

- 11444-5** 18,0 cm/7"



Taylor

- 11439** 17,5 cm/7"



Taylor
 gebogen, curved
 courbe, curvas

- 11439-5** 17,5 cm/7"



Taylor

- 11440** 17,5 cm/7"



Taylor
 gebogen, curved
 courbe, curvas

- 11440-5** 17,5 cm/7"



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Anatomische Pinzetten Dressing Forceps Pincès à dissection Pinzas de disección



Waugh

11447-15 15,0 cm/6"

11447-20 20,0 cm/8"



Brophy

11448-1 20,0 cm/8"



Brophy
gebogen, curved
courbe, curvas

11448-5 20,0 cm/8"



Cushing

11449 17,5 cm/7"



Cushing
gebogen, curved
courbe, curvas

11449-5 17,5 cm/7"

Chirurgische Pinzetten
Tissue Forceps
Pincés à dissection à griffes
Pinzas de disección con dientes



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1:2

11361-10	10,5 cm/4¼"
11361-11	11,5 cm/4½"
11361-13	13,0 cm/5"
11361-14	14,5 cm/5½"
11361-16	16,0 cm/6¼"
11361-18	18,0 cm/7"
11361-20	20,0 cm/8"
11361-25	25,0 cm/10"
11361-30	30,0 cm/12"



2:3

11362-11	11,5 cm/4½"
11362-13	13,0 cm/5"
11362-14	14,5 cm/5½"
11362-16	16,0 cm/6¼"
11362-18	18,0 cm/7"
11362-20	20,0 cm/8"
11362-25	25,0 cm/10"
11362-30	30,0 cm/12"



3:4

11363-13	13,0 cm/5"
11363-14	14,5 cm/5½"
11363-16	16,0 cm/6¼"



4:5

11364-13	13,0 cm/5"
11364-14	14,5 cm/5½"
11364-16	16,0 cm/6¼"



1:2
schmal, narrow
étroite, estrechas

11350-13	13,0 cm/5"
11350-14	14,5 cm/5½"
11350-16	16,0 cm/6¼"
11350-20	20,0 cm/8"



USA-Mod. 1:2

11375-12	12,0 cm/4¾"
11375-13	13,0 cm/5"
11375-14	14,5 cm/5½"
11375-15	15,5 cm/6"
11375-18	18,0 cm/7"
11375-21	21,0 cm/8¼"
11375-25	25,0 cm/10"
11375-31	31,0 cm/12¼"



USA-Mod. 2:3

11376-12	12,0 cm/4¾"
11376-13	13,0 cm/5"
11376-14	14,5 cm/5½"
11376-15	15,5 cm/6"
11376-18	18,0 cm/7"
11376-21	21,0 cm/8¼"
11376-25	25,0 cm/10"
11376-31	31,0 cm/12¼"



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Chirurgische Pinzetten
Tissue Forceps
Pinces à dissection à griffes
Pinzas de disección con dientes

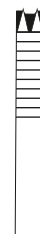


USA-Mod. Standard
fein, delicate
fine, finas

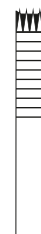
11377-13	13,0 cm/5"
11377-14	14,5 cm/5½"
11377-15	15,5 cm/6"



Adlerkreuz



2:3



4:5

15,0 cm/6"	11434-15	11435-15
20,0 cm/8"	11434-20	11435-20
25,0 cm/10"	11434-25	11435-25



Semken

11390-13	12,5 cm/5"
11390-15	15,0 cm/6"



Adson

1,2 mm	
12,0 cm/4½"	11402
15,0 cm/6"	11402-15

Micro 0,8 mm 1,2 mm	
12,0 cm/4½"	11406-12
15,0 cm/6"	11406-15



1,2 mm	
12,0 cm/4½"	11403



Chirurgische Pinzetten
Tissue Forceps
Pincés à dissection à griffes
Pinzas de disección con dientes



SCHWERT
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Adson Brown

9x9

11408

12,0 cm/4½"



Gillies

11381

15,0 cm/6"



Gerald

17,5 cm/7"

11446

1,4 mm

11446-1

0,9 mm



Gerald

gebogen, curved
courbe, curvas

11446-5

17,5 cm/7"



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Chirurgische Pinzetten
Tissue Forceps
Pinces à dissection à griffes
Pinzas de disección con dientes



Tayler

11442 17,5 cm/7"



Tayler
gebogen, curved
courbe, curvas

11442-5 17,5 cm/7"



Cushing

11447 17,5 cm/7"



Cushing
gebogen, curved
courbe, curvas

11447-5 17,5 cm/7"



Brophy

11448 20,0 cm/8"



Brophy
gebogen, curved
courbe, curvas

11448-6 20,0 cm/8"



Waugh

11449-15 15,0 cm/6"

11449-20 20,0 cm/8"

Chirurgische Pinzetten
Tissue Forceps
Pincès à dissection à griffes
Pinzas de disección con dientes



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Taylor

11463 17,5 cm/7"



Taylor

11464 17,5 cm/7"



Potts-Smith

11452-18 18,0 cm/7"
11452-20 21,0 cm/8¼"
11452-25 25,0 cm/10"



Potts-Smith
gebogen, curved
courbe, curvas

11452-518 18,0 cm/7"
11452-521 21,0 cm/8¼"
11452-525 25,0 cm/10"



Lane 1:2

11421-14 14,5 cm/5½"
11421-18 18,0 cm/7"



Lane 2:3

11422-14 14,5 cm/5½"
11422-18 18,0 cm/7"



Bonney 1:2

11430-17 18,0 cm/7"



Bonney 2:3

11431-18 18,0 cm/7"



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Thorax-Pinzetten
Lung grasping Forceps
Pinces pour saisir le poumon
Pinzas para coger el pulmón



Mod. Russ.

- 11410-15** 15,0 cm/6"
- 11410-20** 20,0 cm/8"
- 11410-25** 25,0 cm/10"



Singley-Tuttle

- 11416-23** 23,0 cm/9"



Nelson

- 11417-23** 23,0 cm/9"



Mod. Mayo-Russ

- 11414-23** 23,0 cm/9"

Atrauma-Pinzetten
Atrauma Forceps
Pinces atraumatiques
Pinzas atraumáticas



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De Bakey
 gerade, straight,
 droite, rectas

	1,5 mm	2,0 mm	2,7 mm	3,5 mm
16,0 cm/6¼"	17228-15	17248-15	17246-15	17250-15
20,0 cm/8"	17228-20	17248-20	17246-20	17250-20
24,0 cm/9½"	17228-24	17248-24	17246-24	17250-24
30,0 cm/12"	17228-30	17248-30	17246-30	17250-30



De Bakey
 abgewinkelt, angular
 angulaire, angulares

	2,0 mm
16,0 cm/6¼"	17249-15
20,0 cm/8"	17249-20
24,0 cm/9½"	17249-24
30,0 cm/12"	17249-30



SCHWERT
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EPEE · SPADA

Anatomische und Chirurgische Pinzetten, fein
Dressing and Tissue Forceps, delicate
Pinces à dissection et à griffes, fines
Pinzas de disección, finas



19600 10,5 cm/4½"



19602 10,5 cm/4½"



19603 10,5 cm/4½"



19604 10,5 cm/4½"



19605 10,5 cm/4½"



19606 10,5 cm/4½"

Splitterpinzetten
Splinter Forceps
Pinces à échardes
Pinzas para espinas



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



glatt, smooth
 lisse, lisas
 ohne Stift, without pin
 sans cheville, sin perno

11250-8	8,0 cm/3¼"
11250-9	9,0 cm/3½"
11250-10	10,5 cm/4¼"
11250-11	11,5 cm/4½"
11250-12	12,5 cm/5"

11251-8	8,0 cm/3¼"
11251-9	9,0 cm/3½"
11251-10	10,5 cm/4¼"
11251-11	11,5 cm/4½"
11251-12	12,5 cm/5"



gerieft, serrated
 striée, estriadas
 ohne Stift, without pin
 sans cheville, sin perno

11252-8	8,0 cm/3¼"
11252-9	9,0 cm/3½"
11252-10	10,5 cm/4¼"
11252-11	11,5 cm/4½"
11252-12	12,5 cm/5"

11253-8	8,0 cm/3¼"
11253-9	9,0 cm/3½"
11253-10	10,5 cm/4¼"
11253-11	11,5 cm/4½"
11253-12	12,5 cm/5"



glatt, smooth
 lisse, lisas
 ohne Stift, without pin
 sans cheville, sin perno

11254-8	8,0 cm/3¼"
11254-9	9,0 cm/3½"
11254-10	10,5 cm/4¼"
11254-11	11,5 cm/4½"
11254-12	12,5 cm/5"

11255-8	8,0 cm/3¼"
11255-9	9,0 cm/3½"
11255-10	10,5 cm/4¼"
11255-11	11,5 cm/4½"
11255-12	12,5 cm/5"



gerieft, serrated
 striée, estriadas
 ohne Stift, without pin
 sans cheville, sin perno

11245-8	8,0 cm/3¼"
11245-9	9,0 cm/3½"
11245-10	10,5 cm/4¼"
11245-11	11,5 cm/4½"
11245-12	12,5 cm/5"

11246-8	8,0 cm/3¼"
11246-9	9,0 cm/3½"
11246-10	10,5 cm/4¼"
11246-11	11,5 cm/4½"
11246-12	12,5 cm/5"





Splitterpinzetten
Splinter Forceps
Pinces à échardes
Pinzas para espinas

SCHWERT
SWORD · ESPADA
EPEE · SPADA



Feilchenfeld

- 11240-8** 7,5 cm/3"
- 11240-9** 9,0 cm/3½"
- 11240-11** 11,5 cm/4½"



Hunter

- 11248** 10,5 cm/4¼"



Hunter

- 11249** 10,5 cm/4¼"



Walter-Carmalt

- 11247** 10,5 cm/4¼"



Walter-Carmalt

- 11247-5** 10,5 cm/4¼"

Tumorpinzetten
Tumor Forceps
Pinces à tumeurs
Pinzas para tumores

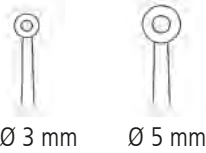
Mikro-Knüpfpinzetten
Micro suture tying Forceps
Pinces à suture
Pinzas para poner ligaduras



SCHWERT
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Yasargil
 22,0 cm/8¾"
 glatt, smooth
 lisse, lisas



Ø 3 mm

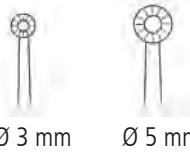
Ø 5 mm

18624-3

18624-5



Yasargil
 22,0 cm/8¾"
 gerieft, serrated
 striée, estriadas



Ø 3 mm

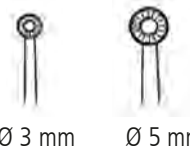
Ø 5 mm

18625-3

18625-5



Heifetz
 22,0 cm/8¾"
 gerieft, serrated
 striée, estriadas



Ø 3 mm

Ø 5 mm

18626-3

18626-5



18608-15

15,0 cm/6"
 gerade, straight
 droite, rectas



18609-15

15,0 cm/6"
 gebogen, curved
 courbe, curvas



18608-18

18,0 cm/7"
 gerade, straight
 droite, rectas



18609-18

18,0 cm/7"
 gebogen, curved
 courbe, curvas





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Cilienpinzetten Cilia Forceps Pincès à épiler les cils Pinzas depilatorias



Beer
glatt, smooth,
lisse, lisas

19742 8,0 cm/3¼"

19742-9 9,0 cm/3½"



Littauer
gerieft, serrated
striée, estriadas

19744 8,5 cm/3½"



Douglas
schmal, narrow
etroite, estrechas

19746-1 9,0 cm/3½"



Douglas
breit, broad
large, anchas

19746-2 9,0 cm/3½"



SCHWERT
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Scheren, Supercut-Scheren Scissors, Supercut Scissors Ciseaux, Ciseaux Supercut Tijeras, Tijeras Supercut



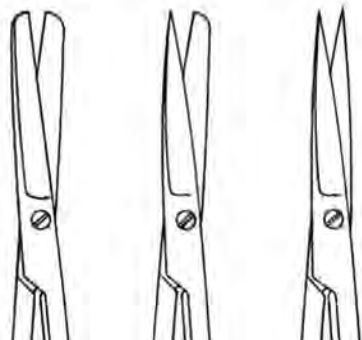


SCHWERT
SWORD · ESPADA
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Chirurgische Scheren
Operating Scissors
Ciseaux à chirurgie
Tijeras para cirugía



Standard



Standard

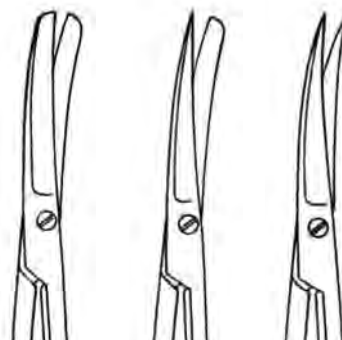
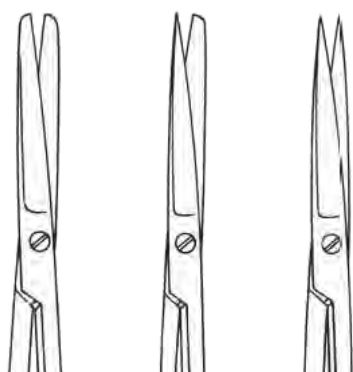


Fig. 1	Fig. 2	Fig. 3		Fig. 1	Fig. 2	Fig. 3
11550-A10	11550-B10	11550-C10	10,5 cm/4¼"	11551-A10	11551-B10	11551-C10
11550-A11	11550-B11	11550-C11	11,5 cm/4½"	11551-A11	11551-B11	11551-C11
11550-A13	11550-B13	11550-C13	13,0 cm/5"	11551-A13	11551-B13	11551-C13
11550-A14	11550-B14	11550-C14	14,5 cm/5½"	11551-A14	11551-B14	11551-C14
11550-A15	11550-B15	11550-C15	15,5 cm/6"	11551-A15	11551-B15	11551-C15
11550-A16	11550-B16	11550-C16	16,5 cm/6½"	11551-A16	11551-B16	11551-C16
11550-A18	11550-B18	11550-C18	18,5 cm/7¼"	11551-A18	11551-B18	11551-C18
11550-A20	11550-B20	11550-C20	20,0 cm/8"	11551-A20	11551-B20	11551-C20



Grazil



Grazil

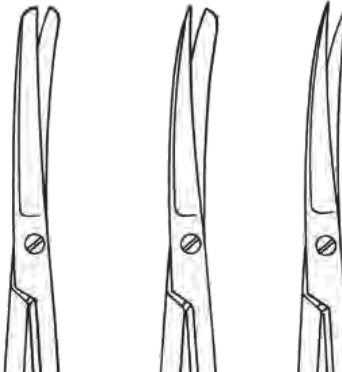


Fig. 1	Fig. 2	Fig. 3		Fig. 1	Fig. 2	Fig. 3
11554-A13	11554-13	11554-C13	13,0 cm/5"	11555-A13	11555-13	11555-C13
11554-A14	11554-14	11554-C14	14,5 cm/5½"	11555-A14	11555-14	11555-C14

Chirurgische Scheren
Operating Scissors
Ciseaux à chirurgie
Tijeras para cirugía



SCHWERT
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11576-114

gezahnt, saw edge
 denteles, dentadas

11576-14

Deaver
 14,5 cm/5½"



11577-114

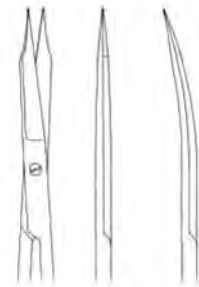
gezahnt, saw edge
 denteles, dentadas

11577-14



11640-1

11640-5



Goldmann-Fox
 13,0 cm/5"

Inzisionsschere
Incision Scissors
Ciseaux à incision
Tijeras para incisión



10156-13 13,0 cm/5"

10156-14 14,5 cm/5½"



Richter
 15,5 cm/6"

11597-2 14,5 cm/5½"



11590-115

gezahnt, saw edge
 dentelés, dentadas

11590-15

Mixer
 15,5 cm/6"



11591-115

gezahnt, saw edge
 dentelés, dentadas

11591-15



SCHWERT
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Präparierscheren
Dissecting Scissors
Ciseaux à dissection
Tijeras para preparaciones



Mayo

11558-14	14,5 cm/5½"	11559-14
11558-15	15,0 cm/6"	11559-15
11558-17	17,0 cm/6¾"	11559-17
11558-23	23,0 cm/9"	11559-23

Mayo-Stille

11560-15	15,0 cm/6"	11561-15
11560-17	17,0 cm/6¾"	11561-17
11560-21	21,0 cm/8¼"	11561-21



Mayo-Noble

11568-17	17,0 cm/6¾"	11569-17
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Mayo-Harrington

11558-123	23,0 cm/9"	11559-123
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**Präparierscheren
Dissecting Scissors
Ciseaux à dissection
Tijeras para preparaciones**



SCHWERT
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Bauchdecken-Scheren
Abdominal Scissors
Ciseaux abdominaux
Tijeras abdominales

Doyen

26778-16	16,0 cm/6¼"	26779-16
26778	17,5 cm/7"	26779



Mayo-Lexer

11562-16 16,0 cm/6¼"



11563-16



Baby-Lexer

11562-10 10,0 cm/4"



11563-10



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Präparierscheren
Dissecting Scissors
Ciseaux à dissection
Tijeras para preparaciones

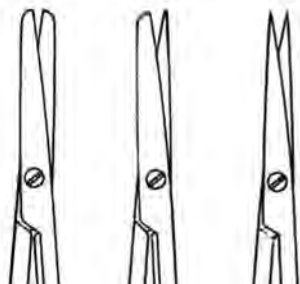


Fig. 1 **Fig. 2** **Fig. 3**
11580-14 **11580-B14** **11580-C14**

Metzenbaum
14,5 cm/5½"

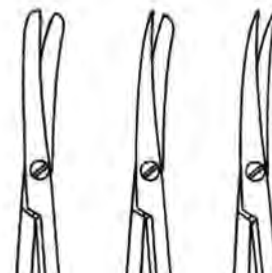
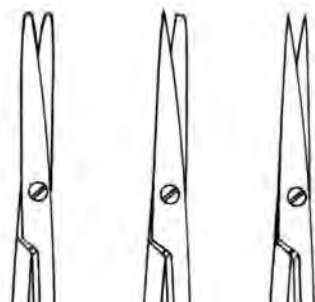
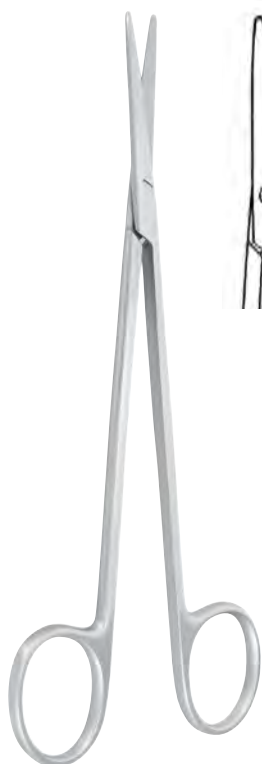


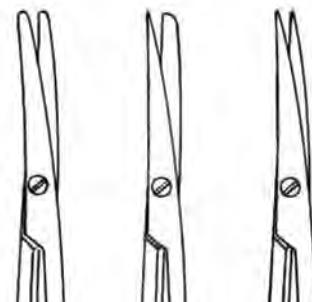
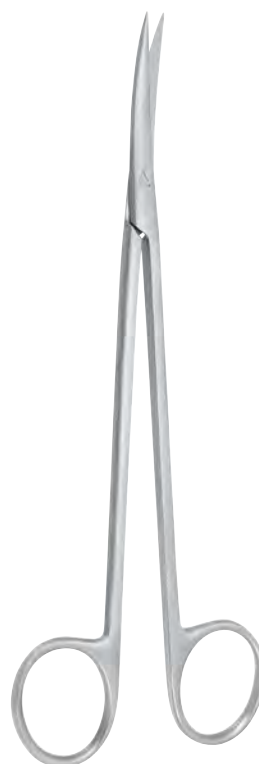
Fig. 1 **Fig. 2** **Fig. 3**
11581-14 **11581-B14** **11581-C14**

Metzenbaum
14,5 cm/5½"



Metzenbaum

Fig. 1	Fig. 2	Fig. 3	
11580-18	11580-B18	11580-C18	18,0 cm/7"
11580-20	11580-B20	11580-C20	20,0 cm/8"
11580-23	11580-B23	11580-C23	23,0 cm/9"
11580-25	11580-B25	11580-C25	25,0 cm/10"
11580-28	11580-B28	11580-C28	28,0 cm/11"
11580-30	11580-B30	11580-C30	30,0 cm/12"



Metzenbaum

Fig. 1	Fig. 2	Fig. 3	
11581-18	11581-B18	11581-C18	18,0 cm/7"
11581-20	11581-B20	11581-C20	20,0 cm/8"
11581-23	11581-B23	11581-C23	23,0 cm/9"
11581-25	11581-B25	11581-C25	25,0 cm/10"
11581-28	11581-B28	11581-C28	28,0 cm/11"
11581-30	11581-B30	11581-C30	30,0 cm/12"

Präparierscheren
Dissecting Scissors
Ciseaux à dissection
Tijeras para preparaciones



SCHWERT
SWORD · ESPADA
EPEE · SPADA



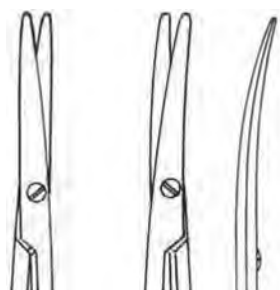
Metzenbaum, Fino

11578-14	14,5 cm/5½"	11579-14
11578-15	15,0 cm/6"	11579-15
11578-18	18,0 cm/7"	11579-18
11578-20	20,0 cm/8"	11579-20
11578-23	23,0 cm/9"	11579-23

Metzenbaum, Lahey

11578-114	14,0 cm/4¾"	11579-114
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Chirurgische und gynäkologische Schere
Operating and gynecological Scissors
Ciseaux à Chirurgie et à gynécologie
Tijeras para cirugía y ginecología



11580-11

11581-11



11593



Wertheim

11591-14	14,5 cm/5½"
11591-19	19,5 cm/7¾"
11591-22	22,5 cm/9"

**Metzenbaum
(Strabismus)**
11,5 cm/4½"

Strabismus
11592
11,5 cm/4½"

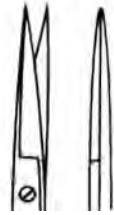


SCHWERT
SWORD · ESPADA
EPEE · SPADA

Irisscheren Iris Scissors Ciseaux pour l'iris Tijeras para iris



kantige Ausführung
square shanks
modèle anguleux
modelo anguloso



gerade
straight
droits
rectas

9,0 cm/3½"

11610-9



gebogen
curved
courbes
curvas

11611-9



seitwärts gebogen
curved sideways
courbe à la côté
curva lateral

11611-21



seitwärts abgewinkelt
angular on side
coude à la côté
acodada lateral

11611-31

10,5 cm/4¼"

11610-10

11611-10

11611-22

11611-32

11,5 cm/4¾"

11610-11

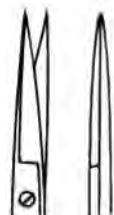
11611-11

11611-23

11611-33



runde Ausführung
round shanks
modèle rond
modelo redondo



gerade
straight
droits
rectas

9,0 cm/3½"

11608-9



gebogen
curved
courbes
curvas

11609-9



seitwärts gebogen
curved sideways
courbe à la côté
curva lateral

11609-21



seitwärts abgewinkelt
angular on side
coude à la côté
acodada lateral

11609-31

10,5 cm/4¼"

11608-10

11609-10

11609-22

11609-32

11,5 cm/4¾"

11608-11

11609-11

11609-23

11609-33

Irisscheren
Iris Scissors
Ciseaux pour l'iris
Tijeras para iris

Irisschere · Iris Scissors · Ciseaux pour · l'iris · Tijeras para iris



11605-10
 10,5 cm/4¼"
 gebogen, curved
 courbes, curvas

11604-10
 10,5 cm/4¼"

Augenscheren
Eye Scissors
Ciseaux oculaires
Tijeras oculares



Graefe
19825
 10,5 cm/4¼"

Sehnenscheren
Tenotomy Scissors
Ciseaux à ténatomie
Tijeras para tenotomía

Augenschere
 Eye Scissors
 Ciseaux oculaires
 Tijeras oculares



Le Grange
19826
 10,5 cm/4¼"

Sehnenscheren, Tenotomy Scissors, Ciseaux à ténatomie, Tijeras para tenotomía

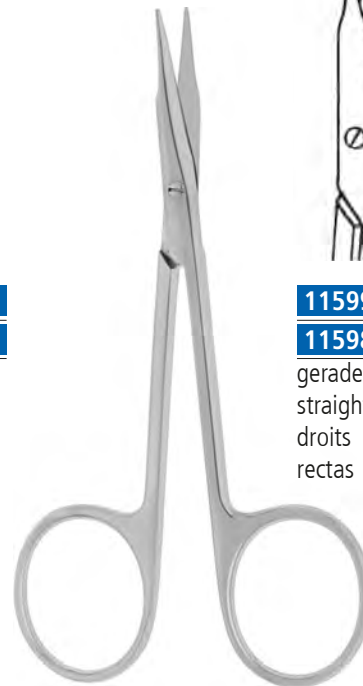


11599-2 10,0 cm/4"
11598-2 11,0 cm/4½"
 gerade
 straight
 droits
 rectas

Stevens
 spitz, pointed
 pointus, agudas



11599-22
11598-22
 gebogen
 curved
 courbes
 curvas



11599-1 10,0 cm/4"
11598-1 11,0 cm/4½"
 gerade
 straight
 droits
 rectas

Stevens
 stumpf, blunt
 mousses, romas



11599-21
11598-21
 gebogen
 curved
 courbes
 curvas



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Chirurgische und gynäkologische Scheren
Operating and Gynecological Scissors
Ciseaux à chirurgie et à gynécologie
Tijeras para cirugía y ginecología



Fig. 1	Sims	Fig. 2
26720-A20	20,0 cm/8"	26720-B20
26720-A23	23,0 cm/9"	26720-B23



Fig. 1	Sims	Fig. 2
26725-A20	20,0 cm/8"	26725-B20
26725-A23	23,0 cm/9"	26725-B23

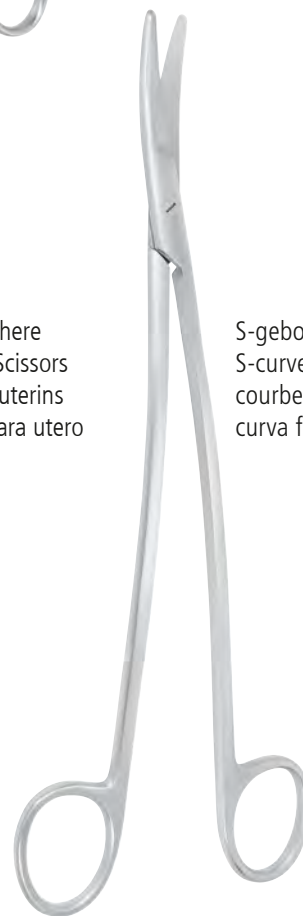


Feine Scheren
Delicate Scissors
Ciseaux fins
Tijeras finas

11624-1	16,0 cm/6¼"	11624-2
11624-5	18,0 cm/7"	11624-6



Uterusschere
Uterine Scissors
Ciseaux uterins
Tijeras para utero



S-gebogen
S-curved
ciseaux courbes forme S
curva forma S

Siebold
26729 24,0 cm/9½"

Scheren für Geburtshilfe
Scissors for obstetrics
Ciseaux à obstétrique
Tijeras para obstetricia



SCHWERT
SWORD · ESPADA
EPEE · SPADA



26786

Kephalotomie-Scheren
Cephalotomy Scissors
Ciseaux à céphalotomie
Tijeras para cefalotomia

Dubois
27 cm/10½"



26787



26791-14
14,5 cm/5½"

Dammschere
Perineum Scissors
Ciseaux à périnée
Tijeras para perineo

Braun-Stadler



26791-22
22,0 cm/8¼"



Dammschere
Perineum Scissors
Ciseaux à périnée
Tijeras para perineo

Waldmann
26793 18,0 cm/7¼"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Scheren für Geburtshilfe
Scissors for obstetrics
Ciseaux à obstétrique
Tijeras para obstetricia

Nabelschnurscheren, Umbilical Scissors, Ciseaux pour le cordon ombilical, Tijeras umbilicales



Schumacher

27758 15,5 cm/6¼"



Busch

27761-13 15,5 cm/6¼"
27761-16 16,0 cm/6¼"



Mod.USA

27756 10,5 cm/4¼"

Feine Chirurgische Scheren
Delicate Operating Scissors
Ciseaux chirurgicaux fins
Tijeras finas para cirugía



11623-1

Joseph

14,5 cm/5½"



11623-2

Präparierscheren
Dissecting Scissors
Ciseaux à dissection
Tijeras para preparaciones



Kilner

11595-12 12,0 cm/4¾"
11595-13 13,0 cm/5"
11595-15 15,0 cm/6"



Littler

11596-12 12,0 cm/4¾"

Gefäßscheren
 Vascular Scissors
 Ciseaux vasculaires
 Tijeras vasculares



SCHWERT
 SWORD · ESPADA
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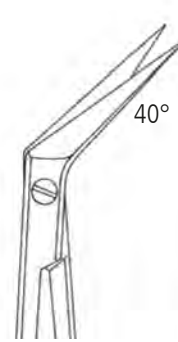
Lungenlappenscheren
 Lobectomy Scissors
 Ciseaux à lobectomie
 Tijeras para lobectomia

Crafoord

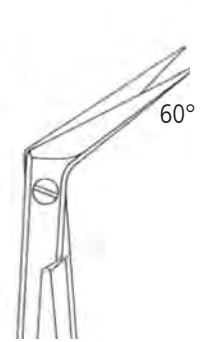
11641-30 30,0 cm/12"



17277

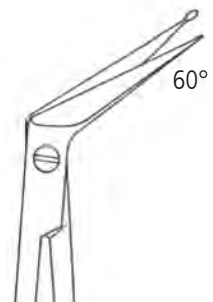


17278



17279

60°



17279-1

60°



Potts-Smith

19,0 cm/7½"



SCHWERT
SWORD · ESPADA
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Gefäßscheren
Vascular Scissors
Ciseaux vasculaires
Tijeras vasculares

Präparierscheren
Dissecting Scissors
Ciseaux à dissection
Tijeras para preparaciones



Gefäßschere
Vascular Scissors
Ciseaux vasculaires
Tijeras vasculares

Potts-Smith

11642-19 19,0 cm/7½"



Präparierschere
Dissecting Scissors
Ciseaux à dissection
Tijeras para preparaciones

Reynolds

11596-16 16,0 cm/6¼"



Gefäßschere
Vascular Scissors
Ciseaux vasculaires
Tijeras vasculares

Satinsky

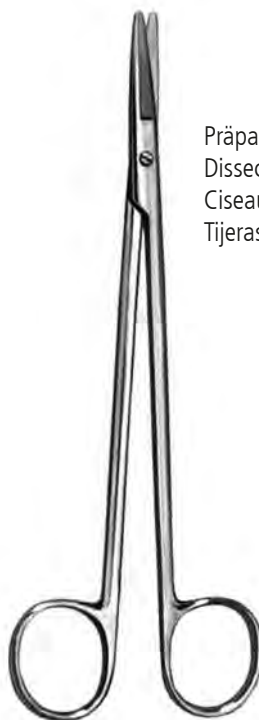
17283-24 24,5 cm/10"



Knorpelschere
Cartilage Scissors
Ciseaux pour le cartilage
Tijeras para cartílago

Mc Indoe

11644-19 19,0 cm/7½"



Präparierschere
Dissecting Scissors
Ciseaux à dissection
Tijeras para preparaciones

11646-18



Tönnis

18,0 cm/7"

11647-18

Scheren für Gewebe- und Gefäßchirurgie
 Tissue Scissors, Vascular Scissors
 Ciseaux pour la chirurgie tissulaire et vasculaire
 Tijeras para cirugía tisular y vascular



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Präparierscheren
 Dissecting Scissors
 Ciseaux à dissection
 Tijeras para preparaciones

Adson-Tönnis

11648-17 17,5 cm/7"



Dandy

11649-17 17,0 cm/6¾"



Gefäßschere
 Vascular Scissors
 Ciseaux vasculaires
 Tijeras vasculares

Strully

11651-20 20,0 cm/8"

Gefäßschere
 Vascular scissors
 Ciseaux vasculaires
 Tijeras vasculares



11652-11 11,5 cm/4½"



Gefäßschere
 Vascular scissors
 Ciseaux vasculaires
 Tijeras vasculares

Schmieden

11653-17 17,0 cm/6¾"



Bronchialschere
 Bronchial Scissors
 Ciseaux pour les bronches
 Tijeras para bronquios

11654-14 14,5 cm/6"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Nasenscheren
Nasal Scissors
Ciseaux nasaux
Tijeras nasales

Tonsillenscheren
Tonsil Scissors
Ciseaux pour les amygdales
Tijeras para amígdalas

Nasenscheren, Nasal Scissors, Ciseaux nasaux, Tijeras nasales



Heymann

21236-18 18,0 cm/7"



Seiler

21238-17 17,0 cm/6¾"



Fomon

21244 14,0 cm/5½"

Tonsillenscheren, Tonsil Scissors, Ciseaux pour les amygdales, Tijeras para amígdalas



Böttcher

22203 18,0 cm/7"



Prince

22204 17,5 cm/7"



Good

22218 19,0 cm/7½"



Dean

22213 17,0 cm/6¾"

Ligatur- und Drahtscheren
Ligature Scissors and Wire Cutting Scissors
Ciseaux à ligatures, Coupe-fils alambre
Tijeras para ligaduras, Cizallas para cortar alambre



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Ligatureschere
 11,5 cm/4½"

11602



11603



Littauer
11616 14,0 cm/5½"



Spencer
11615 9,0 cm/3½"
11616-11 10,5 cm/4"
11616-12 12,0 cm/4¾"

Drahtschere
Wire Cutting Scissors
Coupe-fils alambre
Cizallas para cortar alambre

Nagelspalt-Scheren, Nail Splitting Scissors,
Ciseaux à fendre les ongles, Tijeras para hender las uñas



Heath
11658-17 17,0 cm/6¾"



Universal
14145 12,0 cm/4¾"



Sistrunk
11660-13 13,0 cm/5"



11661-13



11662-15 17,0 cm/6¾"



SCHWERT
SWORD · ESPADA
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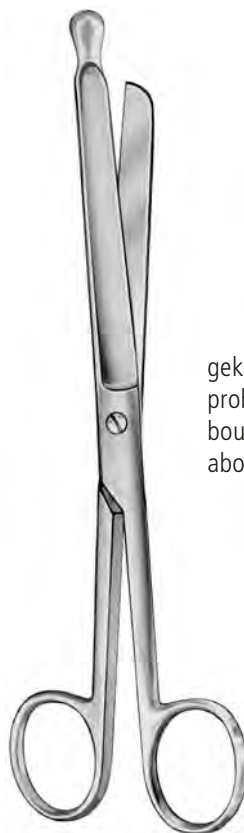
Darmscheren
Enterotomy Scissors
Ciseaux entérotomes
Tijeras enterótomos

Anatomie-Scheren
Dissecting Scissors
Ciseaux à dissection
Tijeras para disección



Darmschere

10160 21,0 cm/8¼"



geknöpft
probe-pointed
boutonnés
abotonadas

Darmschere

10161 21,0 cm/8¼"



Anatomie-Scheren
Dissecting Scissors
Ciseaux à dissection
Tijeras para disección

10150-11 11,5 cm/4½"

10150-13 13,0 cm/5"

10150-14 14,5 cm/5½"



10151-11

10151-13

10151-14

Supercut Scheren
 Supercut Scissors
 Ciseaux Supercut
 Tijeras Supercut



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Mayo

11558-414

14,5 cm/5½"

11558-415

15,5 cm/6¼"

11558-417

17,0 cm/6¾"



11559-414

11559-415

11559-417



Mayo-Style

11560-415

15,5 cm/6"

11560-417

17,0 cm/6¾"



11561-415

11561-417



11562-416

Mayo-Lexer

16,0 cm/6¼"



11563-416



Supercut Scheren
Supercut Scissors
Ciseaux Supercut
Tijeras Supercut

SCHWERT
SWORD - ESPADA
EPEE - SPADA



11580-414

Metzenbaum

14,5 cm/5½"



11581-414

Metzenbaum

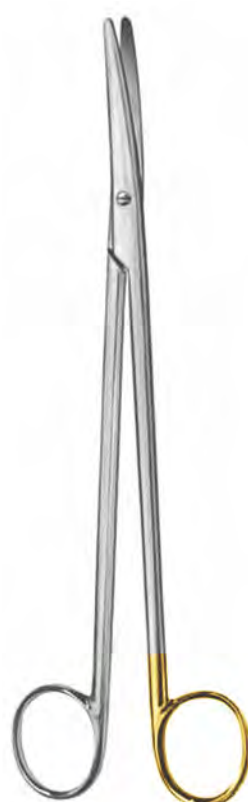
14,5 cm/5½"



11580-418

Metzenbaum

18,0 cm/7"



11581-418

Metzenbaum

18,0 cm/7"

Supercut Scheren
 Supercut Scissors
 Ciseaux Supercut
 Tijeras Supercut



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



11578-414

Metzenbaum, Fino

14,5 cm/5½"

11578-415

15,5 cm/6¼"



11579-414

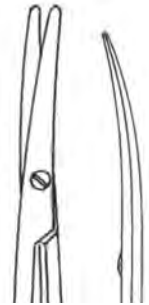
11579-415



11580-411

**Metzenbaum
 (Strabismus)**

11,5 cm/4½"



11581-411



Lister

11675-414

14,0 cm/5½"

11675-418

18,0 cm/7"

11675-420

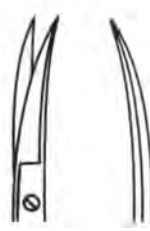
20,0 cm/8"



Irischere

11,5 cm/4¾"

11610-411



11611-411



Stevens

11,0 cm/4½"

stumpf, blunt
 mousses, romas

11598-401

11598-421





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Instrumente für Verband und Gips Bandage and Plaster Instruments Instruments pour pansements et plâtre Instrumentos para vendajes y yeso



Verbandscheren
 Bandage Scissors
 Ciseaux pour pansements
 Tijeras para vendajes



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Smith

11656-18 20,0 cm/8"
11656-20 23,0 cm/9"



Lorenz

11658-23 23,0 cm/9"



Knowles

14,5 cm/5½"
11660-14



Lister

11675-9 9,0 cm/3½"
11675-11 11,0 cm/4½"
11675-14 14,0 cm/5½"
11675-18 18,0 cm/7"
11675-20 20,0 cm/8"



Esmarch

11691-20 20,0 cm/8"
11691-22 23,0 cm/9"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Verbandscheren
Bandage Scissors
Ciseaux pour pansements
Tijeras para vendajes



Bruns
24,0 cm/9½"

11694

glatt, smooth
lisses, lisas

11695

gezahnt, saw edge
denteles, dentadas



Lister
18,0 cm/7"

11720

schwarz, black
noir, negro

15,0 cm/6"

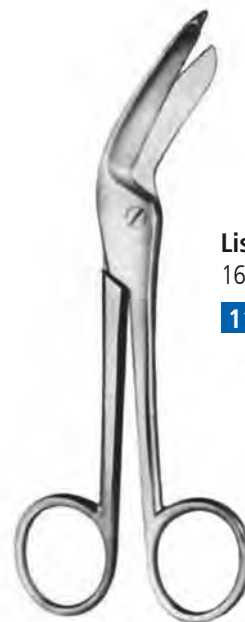
11720-15

schwarz, black
noir, negro



Bergmann
23,0 cm/9"

11722-23



Lister-Excentric
16,0 cm/6¼"

11676-16

Gipsmesser
Plaster-of-Paris knives
Couteaux a plâtre
Cuchillos para yeso

Gipsscheren
Plaster-of-Paris Shears
Ciseaux pour pansements et plâtre
Tijeras para vendajes



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Seutin
 23,0 cm/9"
11699-23



Stille
 24,0 cm/9½"
11865-24

verstärkter Rücken
 reinforced back
 à dos renforce
 lomo reforzado



11867-26
 26,0 cm/10½"

11867-37
 37,0 cm/14½"



Esmarch
 18,0 cm/7"
11808



Reiner
 18,0 cm/7"
11809



Hopkins
 20,0 cm/8"
11812



Stille
11866-23 23,0 cm/9"
11866-26 26,0 cm/10½"
11866-37 37,0 cm/14½"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Gipsabreißzange, Gipsspreizer, Gipssägen
Plaster Cast Instruments
Pincés et cisailles pour les plâtres
Instrumental para vendajes enyesados



USA-Modell

11885 23,0 cm/9"



Engel

11837



Wolf

11895-18 18,0 cm/7"

11895 24,0 cm/9½"



Henning

11882 28,0 cm/11"



Haglund-Stille

11884 28,0 cm/11"

Oszillierende Gipssägen
Oscillating Plaster Saws
Scie oscillante a plâtre
Sierra oscilante para yeso



SCHWERT
SWORD · ESPADA
EPEE · SPADA



29831 230 V

Oszillosäge

komplett mit
1 Sägeblatt 50 mm(29821-50)
1 Sägeblatt 65 mm(29821-65)
2 Gabelschlüssel

Oscillating saw

complete with
1 saw blade 50 mm(29821-50)
1 saw blade 65 mm(29821-65)
2 open-end wrenches

Scie oscillante à plâtre

complet avec
1 lame de scie 50 mm(29821-50)
1 lame de scie 65 mm(29821-65)
2 clés

Sierra oscilante para vendajes enyesados

completa con
1 hoja de sierra 50 mm(29821-50)
1 hoja de sierra 65 mm(29821-65)
2 flaves



Motorkühlung nach dem Umwälzprinzip

Motor cooling due to a circulation principle



Drehzahlregelung für optimale Sägeblattschwingung

Speed controller for precise adjustment of the rotation of the sawblades



Ergonomischer Schalter
Ergonomical Switch



Einfacher Wechsel des Sägeblattes

Saw blades can be easily changed



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Oszillierende Gipssägen Oscillating Plaster Saws Scie oscillante a plâtre Sierra oscilante para yeso

29850 230 V

Oszillosäge

komplett mit

- 1 Sägeblatt 65 mm(29820-65)
- 1 Sägeblatt 65 mm(29821-65)
- 1 Innensechskantschlüssel

Oscillating saw

complete with

- 1 saw blade 65 mm(29820-65)
- 1 saw blade 65 mm(29821-65)
- 1 hexagonal key

Scie oscillante à plâtre

complet avec

- 1 lame de scie 65 mm(29820-65)
- 1 lame de scie 65 mm(29821-65)
- 1 clés

Sierra oscilante para vendajes enyesados

completa con

- 1 hoja de sierra 65 mm(29820-65)
- 1 hoja de sierra 65 mm(29821-65)
- 1 flaves



29855 230 V

Oszillosäge Accu

komplett mit

- 1 Sägeblatt 65 mm(29820-65)
- 1 Sägeblatt 65 mm(29821-65)
- 1 Ladegerät
- 1 Innensechskantschlüssel

Oscillating saw Accu

complete with

- 1 saw blade 65 mm(29820-65)
- 1 saw blade 65 mm(29821-65)
- 1 loading unit
- 1 hexagonal key

Scie oscillante à plâtre Accu

complet avec

- 1 lame de scie 65 mm(29820-65)
- 1 lame de scie 65 mm(29821-65)
- 1 Appareil de rechargement
- 1 clés

Sierra oscilante para vendajes enyesados Accu

completa con

- 1 hoja de sierra 65 mm(29820-65)
- 1 hoja de sierra 65 mm(29821-65)
- 1 Aparato para recargar
- 1 flaves



Motorkühlung nach dem
Umwälzprinzip

Motor cooling due to a
circulation principle



Drehzahlregelung für opti-
male Sägeblattschwingung

Speed controller for precise
adjustment of the rotation
of the sawblades



Ergonomischer Schalter
Ergonomical Switch



Einfaches Wechseln des
Akkus

Accu can be easily
changed

Oszillierende Gipssägen
Oscillating Plaster Saws
Scie oscillante a plâtre
Sierra oscilante para yeso



SCHWERT
SWORD · ESPADA
EPEE · SPADA



29860 230 V

Oszillosäge Accu

komplett mit
1 Sägeblatt 50 mm(29821-50)
1 Sägeblatt 65 mm(29821-65)
1 Ladegerät
2 Gabelschlüssel

Oscillating saw Accu

complete with
1 saw blade 50 mm(29821-50)
1 saw blade 65 mm(29821-65)
1 loading unit
2 open-end wrenches

Scie oscillante à plâtre Accu

complet avec
1 lame de scie 50 mm(29821-50)
1 lame de scie 65 mm(29821-65)
1 Appareil de rechargement
2 clés

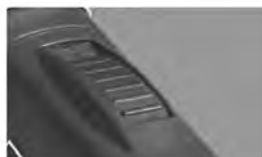
Sierra oscilante para vendajes enyesados Accu

completa con
1 hoja de sierra 50 mm(29821-50)
1 hoja de sierra 65 mm(29821-65)
1 Aparato para recargar
2 flaves



Einfaches Wechseln des Akkus

Accu can be easily changed



Ergonomischer Schalter
Ergonomical Switch



Einfacher Wechsel des Sägeblattes
Saw blades can be easily changed



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Oszillierende Gipssägen Oscillating Plaster Saws Scie oscillante à plâtre Sierra oscilante para yeso



Rundsägeblatt Ø 44 mm
Round Saw Blades Ø 44 mm

29820-44

für Gips
for Plaster Casts

29821-44

für Synthetik-Verbände,
oberflächenbeschichtet
for Synthetic-Dressings,
surface coated



Segment-Sägeblatt Ø 65 mm
Segment Saw Blades Ø 65 mm

29820-165

für Gips
for Plaster Casts

29821-165

oberflächenbeschichtet
surface coated



Rundsägeblatt Ø 50 mm
Round Saw Blades Ø 50 mm

29820-50

für Gips
for Plaster Casts

29821-50

für Synthetik-Verbände,
oberflächenbeschichtet
for Synthetic-Dressings,
surface coated

29822-50

TiN-beschichtet, extra hart
TiN coated, extra hard



Tailen-Sägeblatt Ø 65 mm
Waisted Saw Blades Ø 65 mm

29820-265

für Gips
for Plaster Casts

29821-265

oberflächenbeschichtet
surface coated



Rundsägeblatt Ø 65 mm
Round Saw Blades Ø 65 mm

29820-65

für Gips
for Plaster Casts

29821-65

für Synthetik-Verbände,
oberflächenbeschichtet
for Synthetic-Dressings,
surface coated

29822-65

TiN-beschichtet, extra hart
TiN coated, extra hard



Tiefensägeblatt Ø 70 mm
Deep Saw Blades Ø 70 mm

29820-170

für Gips
for Plaster Casts

29821-170

oberflächenbeschichtet
surface coated

Oszillierende Gipssägen
Oscillating Plaster Saws
Scie oscillante à plâtre
Sierra oscilante para yeso



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

Spezielle Anschlussstecker für einige Länder:
Special plugs for some countries:

3-polig „Australien“, 240 V, 50 Hz
 3-poles „Australia“, 240 V, 50 Hz
 please use **Code A**



3-polig „UK“, 110 V, 50 Hz
 3-poles „UK“, 110 V, 50 Hz
 please use **Code B**



3-polig „UK“, 240 V, 50 Hz
 3-poles „UK“, 240 V, 50 Hz
 please use **Code G**



2-polig „Schweiz“, 240 V, 50 Hz
 2-poles „Suisse“, 240 V, 50 Hz
 please use **Code S**



2-polig „USA“, 120 V, 50 Hz
 2-poles „USA“, 120 V, 50 Hz
 please use **Code V**



Koffer passend für Sägen
Cases suitable for saws

- 29825-1** 29831, 29840
- 29825-2** 29860, 29865
- 29825-3** 29850
- 29825-4** 29855



Accu

- 29826-17**
- 1700 mAh (Funktion: ca. 30 min)
- 1700 mAh (Function: approx. 30 min)



Schnell-Ladegerät
Quick Recharger

- 29827-230** 230V / 110W



Tube mit Spezialfett
Tube with Special Lubrication
Grease

- 29828** 230V / 110W



SCHWERT
SWORD - ESPADA
EPEE - SPADA

Naht

Suture

Suture

Sutura



**Nadelhalter
Needle Holders
Porte-aiguilles
Porta-agujas**

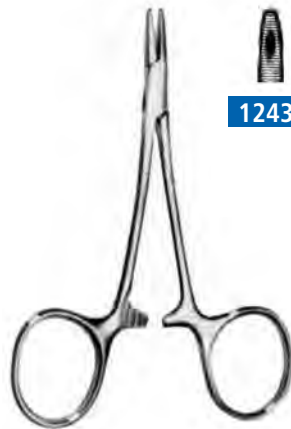


SCHWERT
SWORD · ESPADA
EPEE · SPADA



Collier

12427 12,5 cm/5"



Derf

12,5 cm/5"

12430

12432



Halsey

12437-2 13,0 cm/5" **12437-1**

gerieft
serrated
striée
estriada

glatt
smooth
lisse
lisa



Webster

12428 13,0 cm/5"

glatt
smooth
lisse
lisa



Crile-Wood

12434 15,0 cm/6"

mit Rille
with groove
avec cannelure
con ranura



Brown

12424-13 13,0 cm/5"

12424-18 18,0 cm/7"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Nadelhalter
Needle Holders
Porte-aiguilles
Porta-agujas



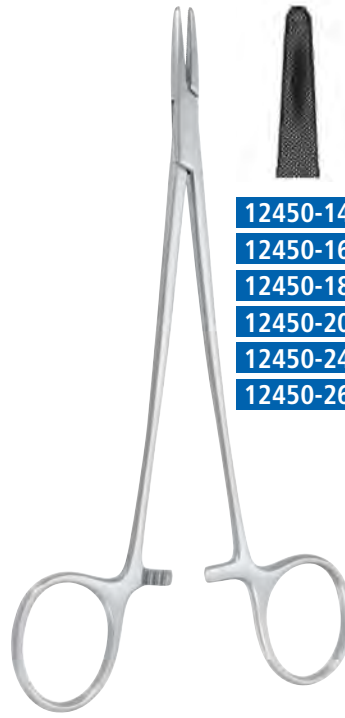
Sarat

12446-18 18,0 cm/7¼"
12446-26 26,0 cm/10¼"



M.G.H.

12447-17 17,0 cm/6¾"



Mayo-Hegar

12450-14 14,0 cm/5½"
12450-16 16,0 cm/6¼"
12450-18 18,0 cm/7¼"
12450-20 20,0 cm/8"
12450-24 24,0 cm/9½"
12450-26 26,0 cm/10¼"

12451-16
12451-18
12451-20
12451-24
12451-26



schlankes Modell
slender pattern
modele gracile
modelo delgado

Mayo-Hegar

12450-116 16,0 cm/6¼"
12450-118 18,0 cm/7"
12450-120 20,0 cm/8"



Gillies

11625 16,0 cm/6¼"



Hegar-Baumgartner

12448-14 14,0 cm/5½"

**Nadelhalter
Needle Holders
Porte-aiguilles
Porta-agujas**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



für sehr feine Nadeln
for fine needles
pour des aiguilles tres fines
para agujas finas

Baby-Olsen-Hegar
11,5 cm/4½"

11628-11

gerieft
serrated
striée
estriada

11628-111

glatt
smooth
lisse
lisa



Olsen-Hegar

11628-14 14,0 cm/5½"



Olsen-Hegar

11628-16 16,0 cm/6¼"

kräftige Ausführung
heavy pattern
modele robuste
de fuerte construcción



Olsen-Hegar

11628-114 14,0 cm/5½"



Olsen-Hegar

11628-116 17,0 cm/6¼"



Olsen-Hegar

11628-18 18,0 cm/7"



Crile-Wood

12435-15 15,0 cm/6"

12435-18 18,0 cm/7"

12435-20 20,0 cm/8"

12435-23 23,0 cm/9"



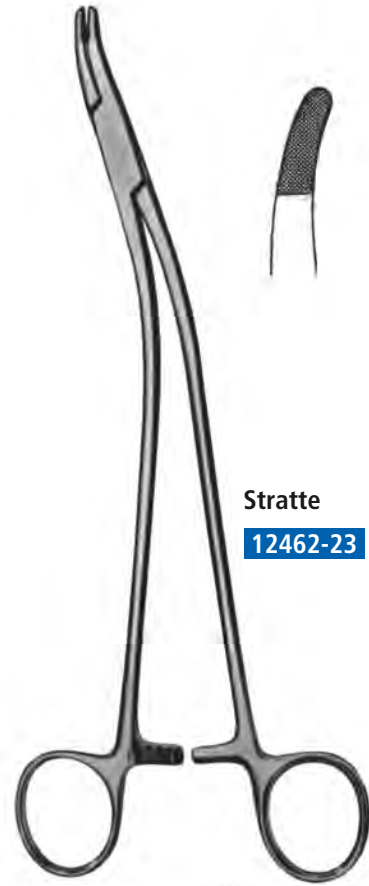
SCHWERT
SWORD · ESPADA
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**Nadelhalter
Needle Holders
Porte-aiguilles
Porta-agujas**



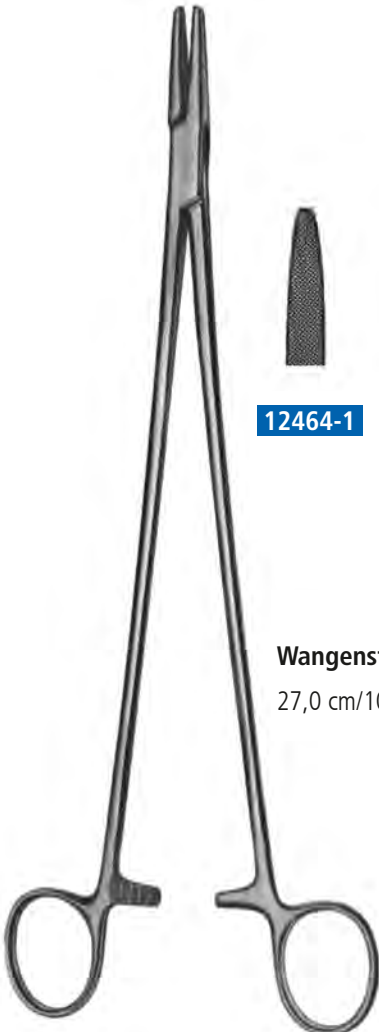
Heaney

12461-21 21,0 cm/8¼"
12461-26 26,0 cm/10¼"



Stratte

12462-23 23,0 cm/9"



12464-1

12464

Wangenstein

27,0 cm/10½"



Masson

12460
27,0 cm/10½"



Finochietto

12471-27
27,0 cm/10½"

**Nadelhalter
Needle Holders
Porte-aiguilles
Porta-agujas**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Crile

12400-15 15,0 cm/6"



Adson

12440 18,0 cm/7"



12507-17 17,0 cm/6½"
12507-20 20,0 cm/8"



12507-117
12507-120

Mathieu



12506-14 14,5 cm/5½"
12506-17 17,0 cm/6½"
12506-20 20,0 cm/8"



12506-114
12506-117
12506-120

Mathieu



12506-A14 14,0 cm/5½"
12506-A17 17,0 cm/6¾"

schlankes Maul
slender jaw
mors étroit
boca fina

12506-217 17,0 cm/6½"
12506-220 20,0 cm/8"

kräftige Ausführung
heavy pattern
modele robuste
de fuerte construcción



Augennadelhalter
Eye Needle Holders
Porte-aiguilles pour les yeux
Porta-agujas para ojos

SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

mit Sperre, with ratchet
avec crémaillère, con cremallera

1:1

ohne Sperre, without ratchet
sans crémaillère, sin cremallera



19950-14

14,0 cm/5½"

19950-18

18,0 cm/7"

19950-21

21,0 cm/8¼"

gerade
 straight
 droite
 recta



19951-14

19951-18

19951-21

gebogen
 curved
 courbe
 curva



19950-114

14,0 cm/5½"

gerade
 straight
 droite
 recta



19951-114

gebogen
 curved
 courbe
 curva



19952-14

14,0 cm/5½"

gerade
 straight
 droite
 recta



19953-14

gebogen
 curved
 courbe
 curva



Castroviejo

Augennadelhalter
Eye Needle Holders
Porte-aiguilles pour les yeux
Porta-agujas para ojos



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



19920-1

gerade
 straight
 droite
 recta



19920-2

gebogen
 curved
 courbe
 curva



Arruga
 16,0 cm/6¼"



Kalt

19914 14,0 cm/5½"



Barraquer

19960-13 13,5 cm/5"

19960-18 18,0 cm/7"

gerade
 straight
 droite
 recta



19961-13

19961-18

gebogen
 curved
 courbe
 curva










Mikro-Nadelhalter
Micro Needle Holders
Porte-aiguilles pour micro-chirurgie
Porta-agujas para micro-cirugía

1:1

SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

ohne Sperre, without ratchet
 sans crémaillère, sin cremallera



- | | | | | | | | | |
|---|--|---|--|---|--|---|------------|--------------------------------------|
|  |  |  |  |  |  |  | | |
| 18712-13 | 13,5 cm/5½" | 18713-13 | 18712-14 | 14,5 cm/6" | 18713-14 | 18712-18 | 18,0 cm/7" | 18713-18 |
| gerade
straight
droite
recta | | gebogen
curved
courbe
curva | gerade
straight
droite
recta | | gebogen
curved
courbe
curva | gerade
straight
droite
recta | | gebogen
curved
courbe
curva |

Mikro-Nadelhalter
Micro Needle Holders
Porte-aiguilles pour micro-chirurgie
Porta-agujas para micro-cirugía

1:1



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

mit Sperre, with ratchet
 avec crémaillère, con cremallera



- | | | | | | | | | |
|-----------------|-------------|-----------------|-----------------|------------|-----------------|-----------------|------------|-----------------|
| 18714-13 | 13,5 cm/5½" | 18715-13 | 18714-14 | 14,5 cm/6" | 18715-14 | 18714-18 | 18,0 cm/7" | 18715-18 |
| gerade | | gebogen | gerade | | gebogen | gerade | | gebogen |
| straight | | curved | straight | | curved | straight | | curved |
| droite | | courbe | droite | | courbe | droite | | courbe |
| recta | | curva | recta | | curva | recta | | curva |



SCHWERT
SWORD - ESPADA
EPEE - SPADA

Wundklammer-Pinzetten / -Zangen
Clip Applying Forceps
Pinces pour agrafes
Pinzas para agrafes



Michel (1x2)

12047 12,0 cm/4¾"



Michel

12048 12,0 cm/4¾"



Hegenbarth

12050 12,5 cm/5"



Wachenfeldt

12059 12,5 cm/5"



Wundklammer-Zangen
Clip Applying Forceps
Pinces pour agrafes
Pinzas para agrafes

Michel (1x2)

12044 12,0 cm/4¾"



Collin

12041 13,0 cm/5¼"

**Unterbindungsnadeln
Ligature Needles
Aiguilles à ligatures
Agujas para ligaduras**



SCHWERT
SWORD · ESPADA
EPEE · SPADA

gebogen für
die rechte Hand
curved to the left,
for the right hand
courbe à gauche
pour la main droite
curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand
curved to the right,
for the left hand
courbe à droite
pour la main gauche
curva a la derecha
para la mano izquierda

links gebogen für
die rechte Hand
curved to the left,
for the right hand
courbe à gauche
pour la main droite
curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand
curved to the right,
for the left hand
courbe à droite
pour la main gauche
curva a la derecha
para la mano izquierda



Deschamps
20,0 cm/8"

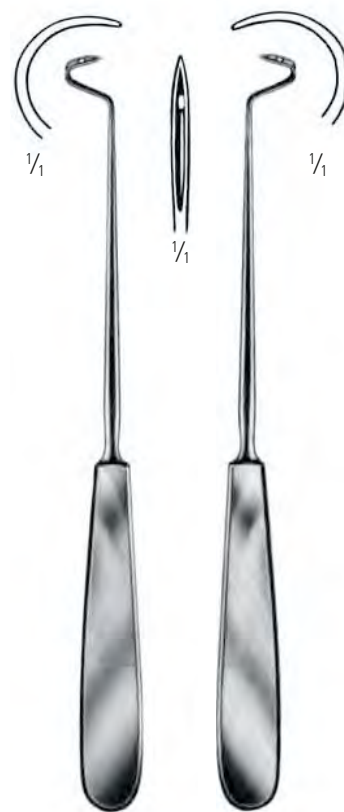
12152-1

stumpf
blunt
mousse
roma

Deschamps
20,0 cm/8"

12152-2

stumpf
blunt
mousse
roma



Deschamps
20,0 cm/8"

12150-1

scharf
sharp
pointue
aguda

Deschamps
20,0 cm/8"

12150-2

scharf
sharp
pointue
aguda



SCHWERT
SWORD · ESPADA
EPEE · SPADA

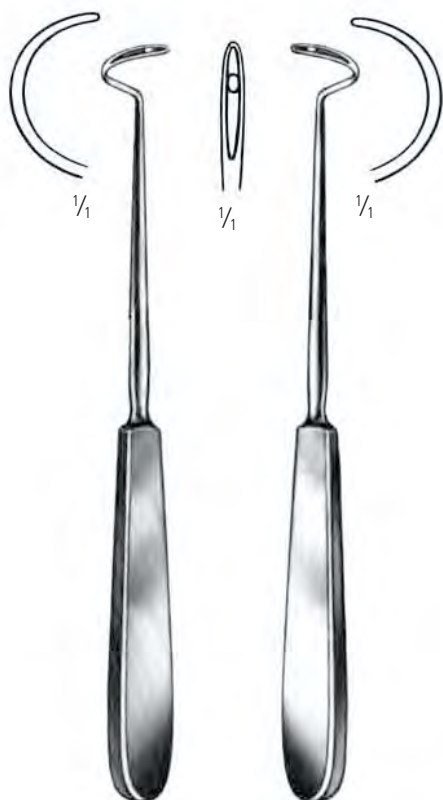
Unterbindungsnadeln Ligature Needles Aiguilles à ligatures Agujas para ligaduras

links gebogen für
die rechte Hand
curved to the left,
for the right hand
courbe à gauche
pour la main droite
curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand
curved to the right,
for the left hand
courbe à droite
pour la main gauche
curva a la derecha
para la mano izquierda

links gebogen für
die rechte Hand
curved to the left,
for the right hand
courbe à gauche
pour la main droite
curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand
curved to the right,
for the left hand
courbe à droite
pour la main gauche
curva a la derecha
para la mano izquierda



Deschamps
20,0 cm/8"

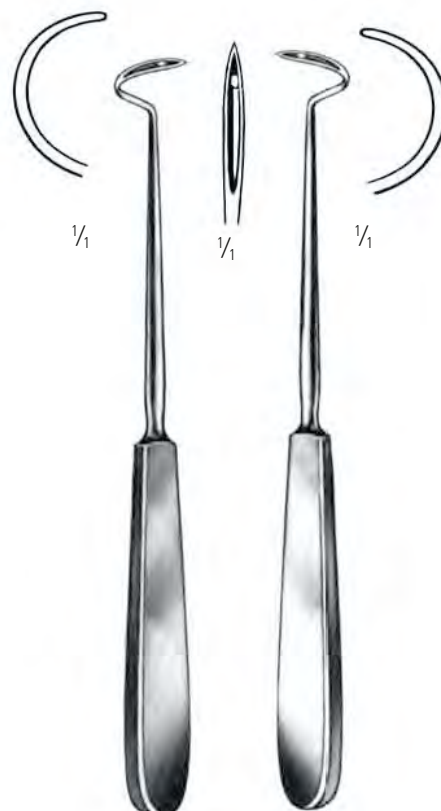
12157-1

stumpf
blunt
mousse
roma

Deschamps
20,0 cm/8"

12157-2

stumpf
blunt
mousse
roma



Deschamps
20,0 cm/8"

12155-1

scharf
sharp
pointue
aguda

Deschamps
20,0 cm/8"

12155-2

scharf
sharp
pointue
aguda

**Unterbindungsnadeln
Ligature Needles
Aiguilles à ligatures
Agujas para ligaduras**



SCHWERT
SWORD · ESPADA
EPEE · SPADA

links gebogen für
die rechte Hand

curved to the left,
for the right hand

courbe à gauche
pour la main droite

curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand

curved to the right,
for the left hand

courbe à droite
pour la main gauche

curva a la derecha
para la mano izquierda

links gebogen für
die rechte Hand

curved to the left,
for the right hand

courbe à gauche
pour la main droite

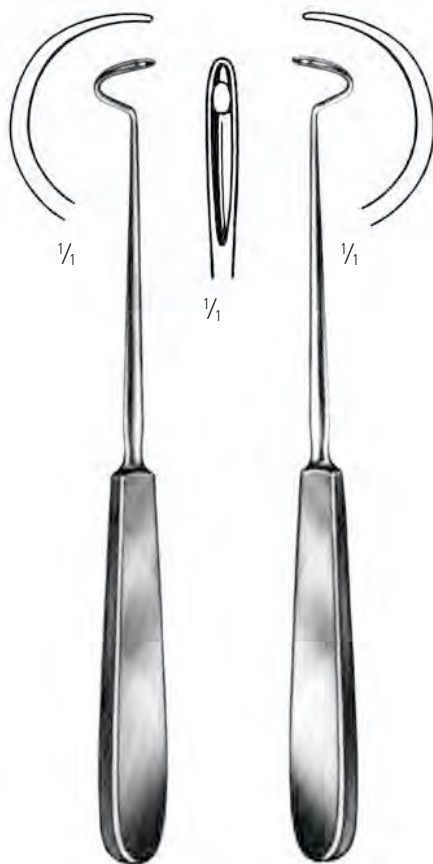
curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand

curved to the right,
for the left hand

courbe à droite
pour la main gauche

curva a la derecha
para la mano izquierda



Deschamps
21,0 cm/8¼"

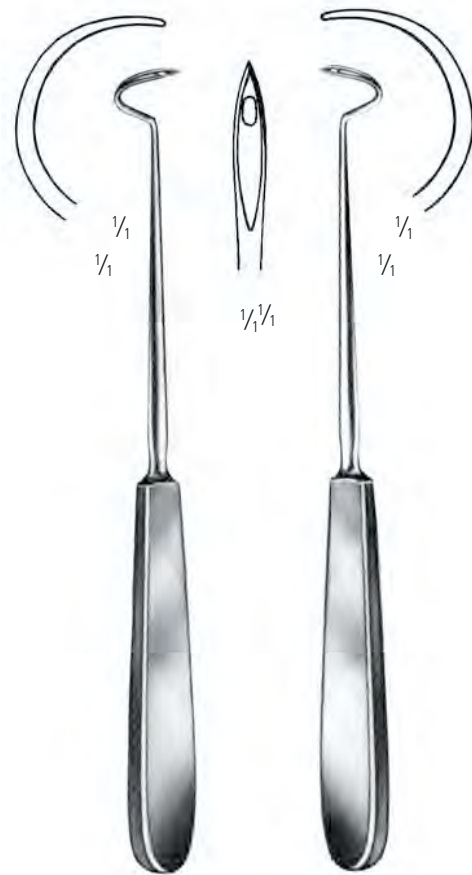
12162-1

stumpf
blunt
mousse
roma

Deschamps
21,0 cm/8¼"

12162-2

stumpf
blunt
mousse
roma



Deschamps
21,0 cm/8¼"

12160-1

scharf
sharp
pointue
aguda

Deschamps
21,0 cm/8¼"

12160-2

scharf
sharp
pointue
aguda



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Unterbindungsnadeln Ligature Needles Aiguilles à ligatures Agujas para ligaduras

links gebogen für
die rechte Hand

curved to the left,
for the right hand

courbe à gauche
pour la main droite

curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand

curved to the right,
for the left hand

courbe à droite
pour la main gauche

curva a la derecha
para la mano izquierda

links gebogen für
die rechte Hand

curved to the left,
for the right hand

courbe à gauche
pour la main droite

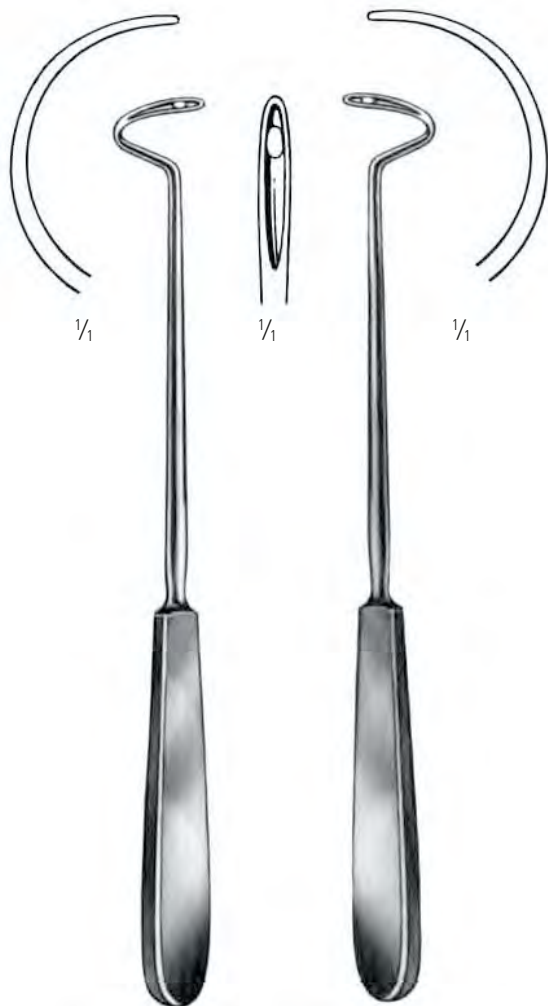
curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand

curved to the right,
for the left hand

courbe à droite
pour la main gauche

curva a la derecha
para la mano izquierda



Deschamps
24,0 cm/9½"

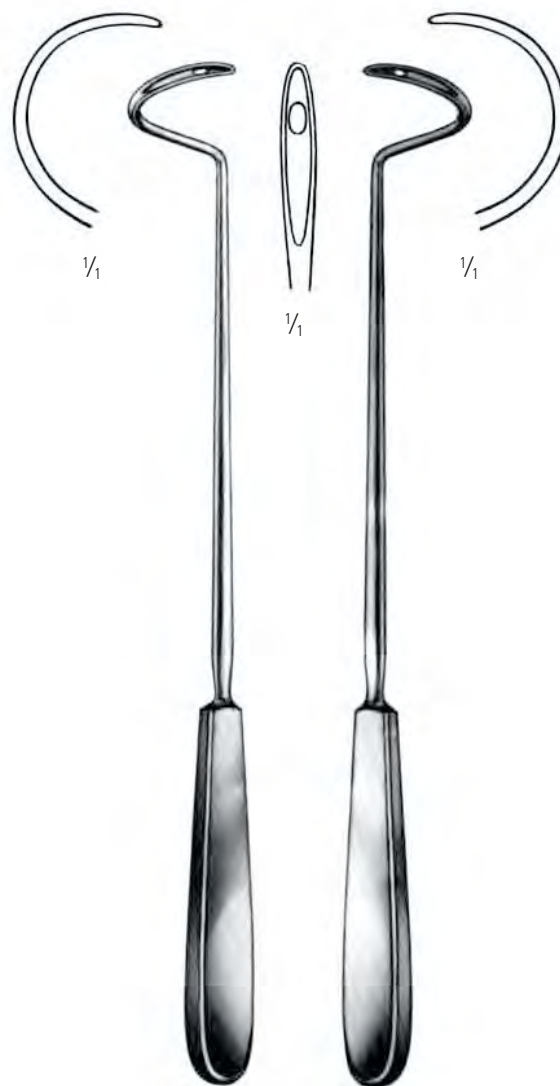
12164-1

stumpf
blunt
mousse
roma

Deschamps
24,0 cm/9½"

12164-2

stumpf
blunt
mousse
roma



Deschamps
27,0 cm/10½"

12165-1

stumpf
blunt
mousse
roma

Deschamps
24,0 cm/10½"

12165-2

stumpf
blunt
mousse
roma

Unterbindungsnadeln
Ligature Needles
Aiguilles à ligatures
Agujas para ligaduras



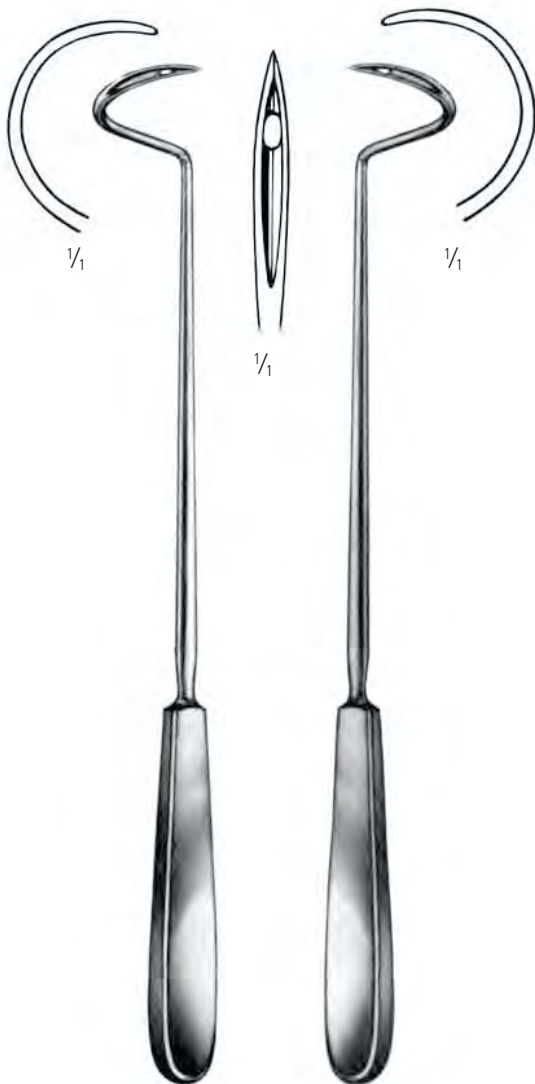
SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

links gebogen für
die rechte Hand
 curved to the left,
for the right hand
 courbe à gauche
pour la main droite
 curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand
 curved to the right,
for the left hand
 courbe à droite
pour la main gauche
 curva a la derecha
para la mano izquierda

links gebogen für
die rechte Hand
 curved to the left,
for the right hand
 courbe à gauche
pour la main droite
 curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand
 curved to the right,
for the left hand
 courbe à droite
pour la main gauche
 curva a la derecha
para la mano izquierda



Deschamps
27,0 cm/10½"

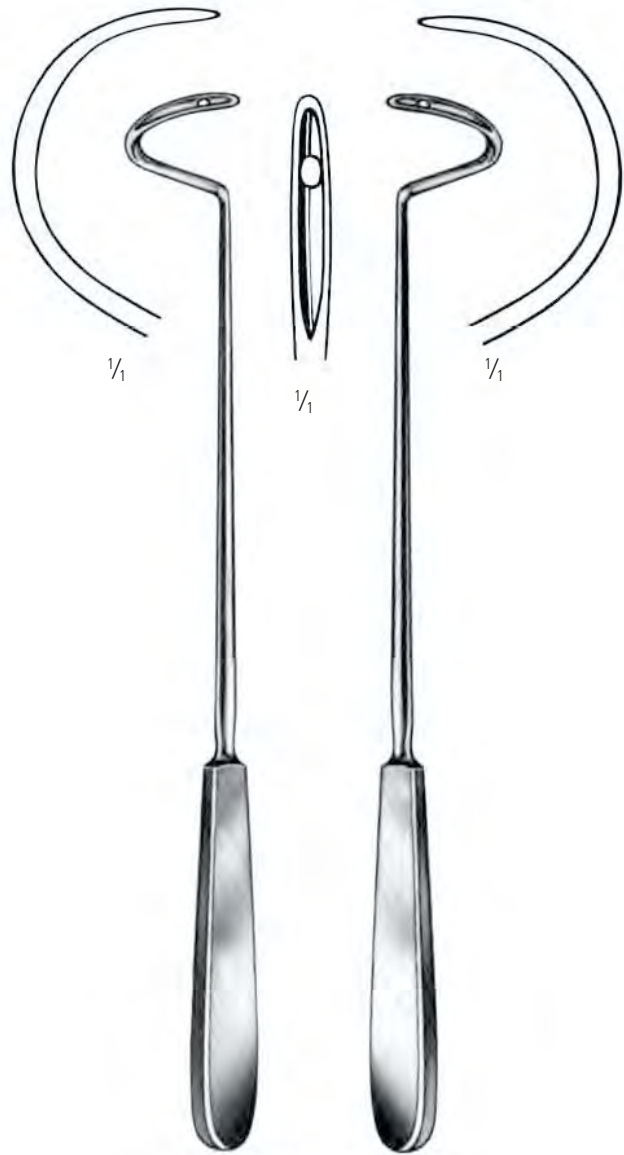
12166-1

scharf
sharp
pointue
aguda

Deschamps
27,0 cm/10½"

12166-2

scharf
sharp
pointue
aguda



Deschamps
28,0 cm/11"

12167-1

stumpf
blunt
mousse
roma

Deschamps
28,0 cm/11"

12167-2

stumpf
blunt
mousse
roma



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Unterbindungsnadeln Ligature Needles Aiguilles à ligatures Agujas para ligaduras

links gebogen für
die rechte Hand

curved to the left,
for the right hand

courbe à gauche
pour la main droite

curva a la izquierda
para la mano derecha

rechts gebogen für
die linke Hand

curved to the right,
for the left hand

courbe à droite
pour la main gauche

curva a la derecha
para la mano izquierda



Kronecker
13,0 cm/5"

12180-1

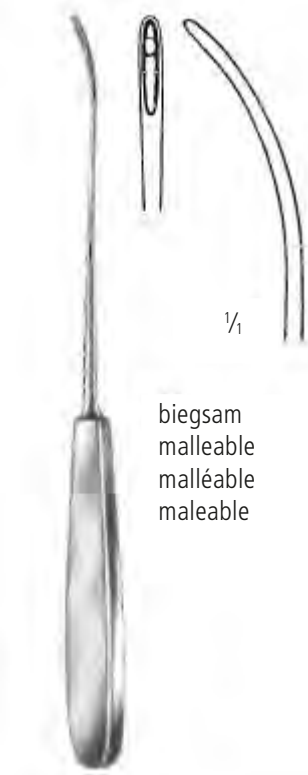
Kronecker
13,0 cm/5"

12180-2

Unterbindungsnadeln
Ligature Needles
Aiguilles à ligatures
Agujas para ligaduras



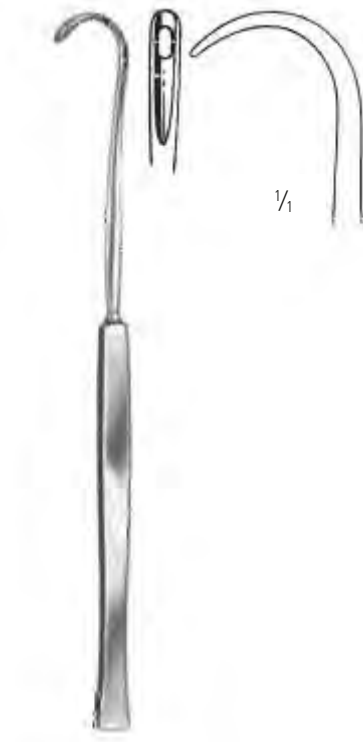
SCHWERT
 SWORD · ESPADA
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biegsam
 malleable
 malléable
 maleable

12140

20,0 cm/8"



Cooper

12148

19,0 cm/7½"



biegsam
 malleable
 malléable
 maleable

Schmieden-Dick

12141

32,0 cm/12½"



Schmieden

12142

21,0 cm/8¼"



Führungshohlsonden
Ligature Conductors
Sondes conductrices
Sondas conductoras

SCHWERT
SWORD - ESPADA
EPEE - SPADA

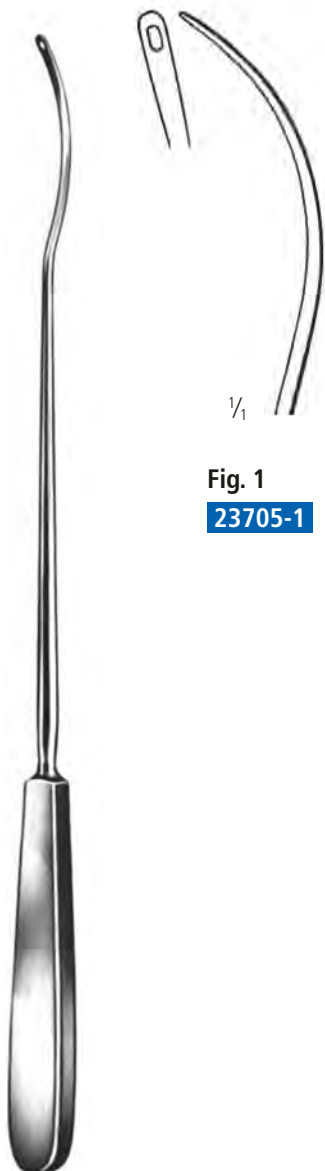


Fig. 1

23705-1



Fig. 2

23705-2



Fig. 3

23705-3



Fig. 4

23705-4

Brunner

30,0 cm/12"

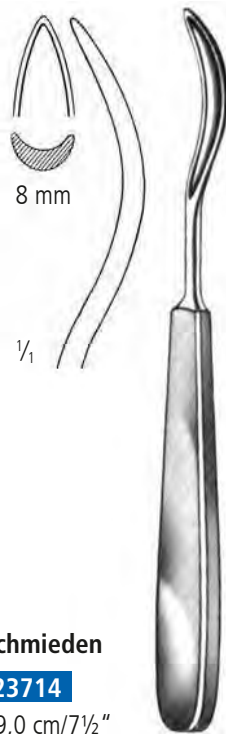
Brunner

30,0 cm/12"

Führungshohlsonden
Ligature Conductors
Sondes conductrices
Sondas conductoras



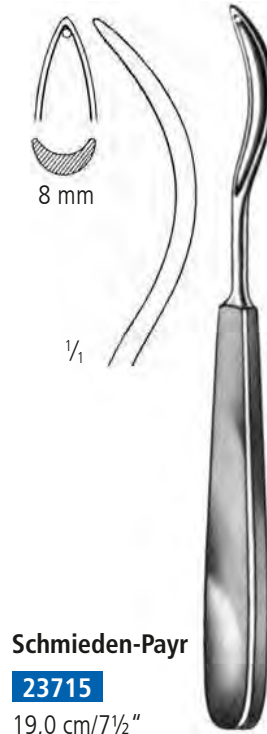
SCHWERT
SWORD - ESPADA
EPEE - SPADA



Schmieden

23714

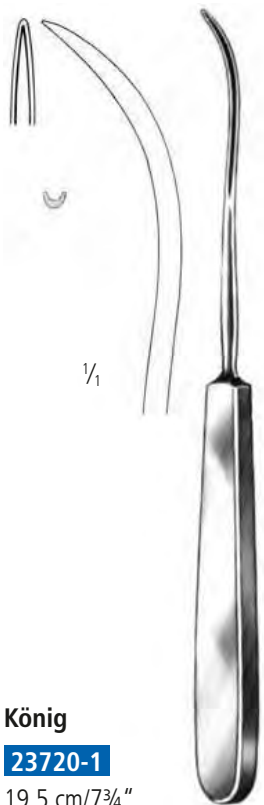
19,0 cm/7½"



Schmieden-Payr

23715

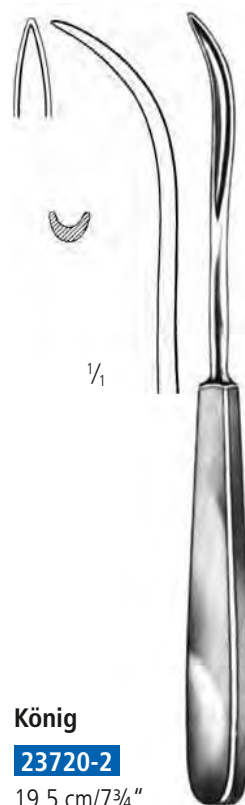
19,0 cm/7½"



König

23720-1

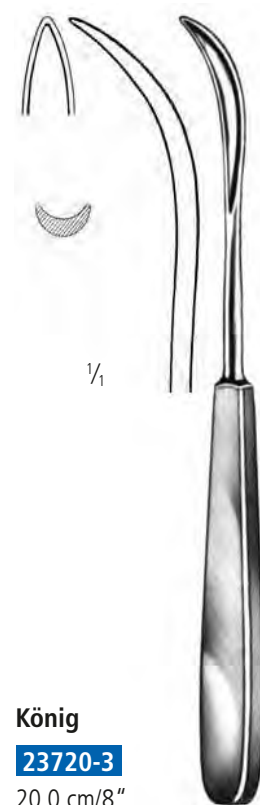
19,5 cm/7¾"



König

23720-2

19,5 cm/7¾"



König

23720-3

20,0 cm/8"

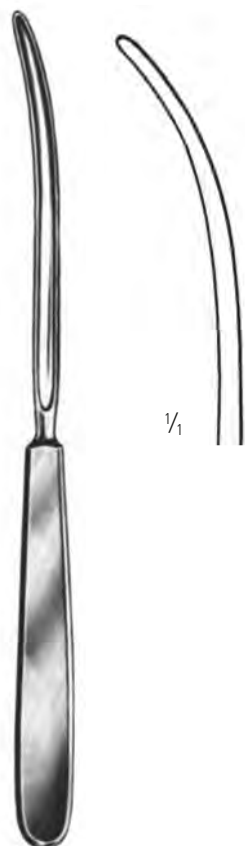


SCHWERT
SWORD - ESPADA
EPEE - SPADA

**Führungshohlsonden
Ligature Conductors
Sondes conductrices
Sondas conductoras**



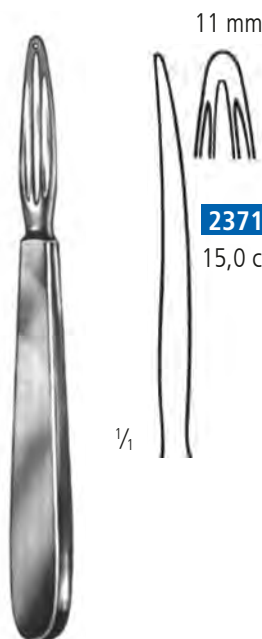
Payr
Fig. 1
24473
22,0 cm/8¾"



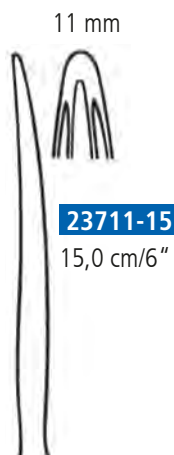
Payr
Fig. 2
24474
22,0 cm/8¾"



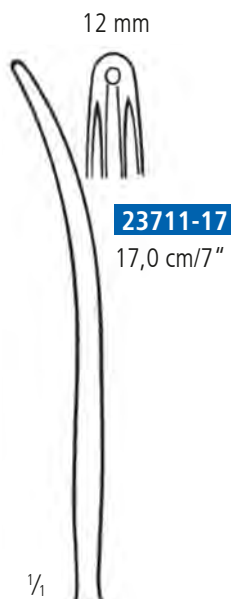
24472
19,5 cm/7¾"



Kocher



23711-15
15,0 cm/6"



23711-17
17,0 cm/7"

Reverdin-Nadeln
 Reverdin Needles
 Aiguilles de Reverdin
 Aguja de Reverdin



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Reverdin
 14,0 cm/5½"



Fig. 1
 12100-1



Fig. 2
 12100-2



Fig. 3
 12100-3



Fig. 4
 12100-4



Reverdin
 19,5 cm/7¾"



Fig. 1
 12104-1



Fig. 2
 12104-2



Fig. 3
 12104-3



Fig. 4
 12104-4



Reverdin-Nadeln
Reverdin Needles
Aiguilles de Reverdin
Agujas de Reverdin

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Reverdin

22,5 cm/8¾"

1/1



Fig. 1

12105-1



Fig. 2

12105-2



Fig. 3

12105-3



Fig. 4

12105-4





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Instrumente mit Hartmetalleinlagen

Instruments with Tungsten Carbide Inserts

Instrumentes avec mors en carbure de tungstène

Instrumentes con placas de carburo tungsteno





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Anatomische Pinzetten mit Hartmetall-Einsätzen
Dressing Forceps with T/C jaws
Pinces à disséquer avec mors en carbure de tungstène
Pinzas de disección con boca de carburo de tungsteno



0,4 mm

1,8 mm



1/2

11307-13
13,0 cm/5"

2,0 mm



1/2

11307-14
14,5 cm/5 1/2"

2,0 mm



1/2

11307-16
16,0 cm/6"

2,0 mm



1/2

11307-18
18,0 cm/7"

2,2 mm



1/2

11307-20
20,0 cm/8"

2,8 mm



1/2

11307-25
25,0 cm/10"

2,8 mm



1/2



11307-30
30,0 cm/12"





Pinzetten mit Hartmetall-Einsätzen
Forceps with T /C jaws
Pincas avec morsen carbure de tungstène
Pinzas con boca de carburo de tungsteno



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1,6 mm 1,6 mm
 $\frac{1}{1}$  $\frac{1}{1}$
11399-12 **11399-15**
 12,0 cm/4 $\frac{3}{4}$ " 15,0 cm/6"


1,6 mm 1,6 mm
 $\frac{1}{1}$  $\frac{1}{1}$
11401-12 **11401-15**
 12,0 cm/4 $\frac{3}{4}$ " 15,0 cm/6"
Adson

18,0 cm = 1,8 mm
 21,0 cm = 2,0 mm
 25,0 cm = 2,5 mm






Potts-Smith

11441-18 18,0 cm/7"
11441-20 21,0 cm/8 $\frac{1}{4}$ "
11441-25 25,0 cm/10"

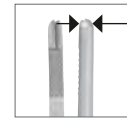
1,8 mm
 $\frac{1}{1}$
11474 17,5 cm/7"
 gerade, straight
 droit, rectas



 $\frac{1}{1}$
11475 17,5 cm/7"
 abgewinkelt, angular
 coudeé, angulares

Cushing

 $\frac{1}{1}$  $\frac{1}{1}$  $\frac{1}{1}$
11359-14 **11359-16** **11359-18**
 14,0 cm/5 $\frac{1}{2}$ " 16,0 cm/6 $\frac{1}{2}$ " 18,0 cm/7"

11490-10 = 1,5 mm
11490-15 = 2,0 mm



 $\frac{1}{1}$  $\frac{1}{1}$
11359-20 **11359-25**
 20,0 cm/8" 25,0 cm/10"

 $\frac{1}{1}$
11454
 gerieft
 serrated
 strie
 estriada

 $\frac{1}{1}$
11456
 1x2 Zähne
 1x2 teeth
 1x2 dents
 1x2 dientes


Chir. Pinzette

Gerald

17,0 cm/6 $\frac{3}{4}$ "

Wangensteen

5,5 mm
 $\frac{1}{1}$
11480-23
 15,0 cm/6"

4,5 mm
 $\frac{1}{1}$
11480-15
 15,0 cm/6"



DeBakey

11490-10
11490-15
 15,0 cm/6"



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Technische Hinweise für Hartmetalleinsätze Technical indications for tungsten carbide inserts Indications techniques pour mors en carbure de tungstène Indicación técnica para bocas de carburo de tungsteno

i

Hartmetalleinsätze

Um den besonderen anwendungsbedingten Bedürfnissen zu entsprechen, sind Hartmetall-Einlagen in 3 Profilgrößen und in glatter Ausführung erhältlich:

- Standard (0,5 mm)
- Fein (0,4 mm)
- Micro (0,3 mm)

Somit können Chirurgen für alle Operationsbereiche mit unterschiedlichsten Nadelstärken, Instrumente von optimaler Griffigkeit angeboten werden. Das pyramidenförmig eingeschliffene Zahnprofil sorgt auch in extremen Situationen für sicheren Halt. Um Ihnen einen Überblick über die Verwendung der einzelnen HM-Plättchen zu geben, haben wir jeweils bei der Nebenzeichnung die Zahnteilung in mm angegeben.

Tungsten Carbide Inserts

In order to conform to the special different requirements, the tungsten carbide inserts are available in 3 profile sizes and smooth finish:

- standard (0.5 mm)
- fine (0.4 mm),
- micro (0.3 mm).

So its possible to offer the surgeon instruments with an optimal touch with a different needle thickness for all operation fields. The pyramidal ground tooth profile offers a sure handhold even in extreme situations. In order to give you a general view about the use of the single tungsten carbide inserts, we indicated the tooth pitch at each sketch in mm.

Mors en carbure de tungstène

Pour répondre aux besoins particuliers de certaines applications, les inserts avec mors en carbure de tungstène sont commercialisés en 3 grosseurs de profil, ainsi qu'en finition lisse :

- standard (0,5 mm)
- fin (0,4 mm),
- micro (0,3 mm)

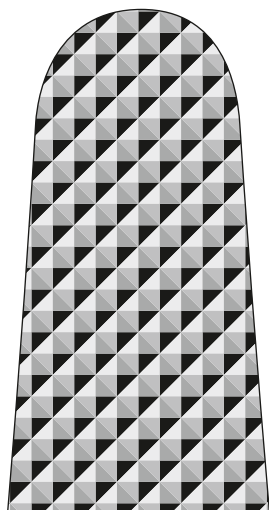
Ceci permet aux chirurgiens de disposer des instruments d'une adhérence optimale dans tous les domaines d'opération et pour les différentes solidités d'aiguille. Le profil de dent aiguisé pyramidalement garantit une tenue en main sécurisée même dans des situations extrêmes. Pour vous donner une vue d'ensemble sur l'emploi des différents inserts en carbure de tungstène, nous avons indiqué pour chaque ébauche le pas d'engrenage en mm.

Bocas de carburo de tungsteno

Para los especiales uso de empleo y poder corresponder a los grandes necesidades, son los bocas de carburo de tungsteno en 3 tamaños y de contrucción lisa.

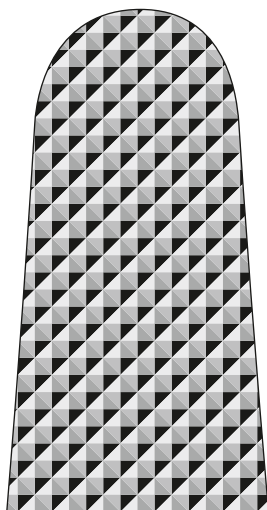
- standard (0,5 mm)
- fino (0,4 mm),
- micro (0,3 mm)

Así los cirurgicos pueden alcanzar todos clases de operaciones con diversos gruesos de agujas, ofrecemos instrumentos de optimal agarre. La forma piramidal del perfil dental afilado sirve también para el apoyo seguro en extremos situaciones. Para darles a ustedes una vista sobre el uso de empleo de los diferentes bocas de carburo de tungsteno al respecto, hemos detallado en el dibujo del lado abajo adjunto en mm.



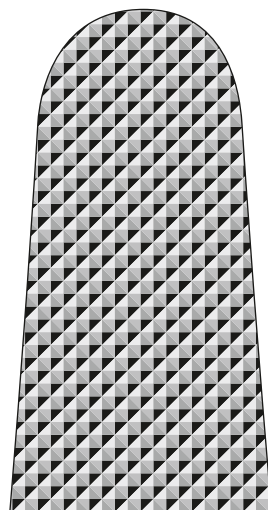
0,5 mm / TC5

Standard
2500 teeth per sq. in.



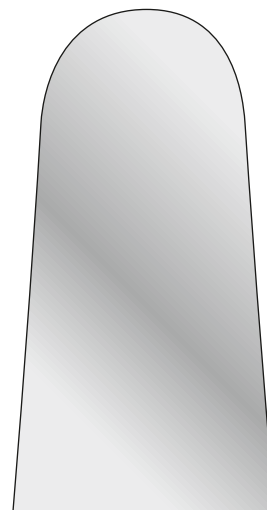
0,4 mm / TC4

Fein · fine · fin · fino
3600 teeth per sq. in.



0,3 mm / TC3

Micro
7200 teeth per sq. in.



glatt · smooth · lisse · lisa



Technische Hinweise für Hartmetalleinsätze
Technical indications for tungsten carbide inserts
Indications techniques pour mors en carbure de tungstène
Indicación técnica para bocas de carburo de tungsteno



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Die Griffigkeit

Durch Hartmetall-Einlagen behält das Instrument seine wichtigste funktionelle Eigenschaft.

Die ungewöhnliche Härte des Einlagenmaterials ergibt sich aus seiner besonderen Zusammensetzung:

- 87,5-88% Wolframkarbid
- 12% Nickel
- 0-0,5% Chromkarbid

Die mit diesem Werkstoff erreichte Abriebs- und Verformungsfestigkeit des Zahnprofils, sorgt so für die lange Gebrauchsfähigkeit des Instruments.

Wir empfehlen Hartmetall-Maulteile

- mit glatter Fläche für Nahtmaterial 9/0-11/0
- mit Teilung **0,3 mm / TC3** für Nahtmaterial 6/0-10/0
- mit Teilung **0,4 mm / TC4** für Nahtmaterial 4/0-6/0
- mit Teilung **0,5 mm / TC5** für Nahtmaterial bis 3/0

The Touch

As a result of TC inserts, the instrument keeps its most important functional characteristic.

The unusual hardness of the insert material is reason of its special composition:

- 87,5-88% Wolfram Carbide
- 12% Nickel
- 0-0,5% Chrome Carbide

The rubbing- and deformation solidity of the tooth profile, obtained by this material, takes care for the long use of instrument.

We recommend carbide inserts

- with smooth jaw surface for suture material 9/0-11/0
- with **0.3 mm / TC3** pitch of serration for suture material 6/0-10/0
- with **0.4 mm / TC4** pitch of serration for suture material 4/0-6/0
- with **0.5 mm / TC5** pitch of serration for suture material up to 3/0

L'adhérence

Grâce aux inserts en carbure de tungstène, l'instrument garde son caractère le plus fonctionnelle.

La dureté extraordinaire du matériel résulte de sa composition particulière :

- 87.5-88% Tungstène-carbure
- 12% Nickel
- 0-0.5% Carbure de chrome

La résistance contre l'usure et la déformation, atteinte par ce matériel, assure une très grande longévité de l'instrument.

Nous recommandons des mors en carbure de tungstène

- avec mâchoires lisses pour matériels de suture 9/0-11/0
- avec pas d'engrenage **0,3 mm / TC3** pour matériels de suture 6/0-10/0
- avec pas d'engrenage **0,4 mm / TC4** pour matériels de suture 4/0-6/0
- avec pas d'engrenage **0,5 mm / TC5** pour matériels de suture jusqu'à 3/0

El buen agarre

Por bocas de carburo de tungsteno conserva el instrumento su función de importante calidad.

La extraordinaria dureza del material de este instrumento se lo da por su bien ajuste:

- 87,5-88% Carburo de wolframio
- 12% Níquel
- 0-0,5% Carburo de cromo

Con esta clase de material alcanza una dureza contra restrega y peridura del perfil dental, asimismo cuida para la largamantenición del instrumento.

Recomendamos las bocas de metal duro

- con superficie lisa para material de sutura con paso 9/0-11/0
- con paso **0,3 mm / TC3** paramaterial de sutura 6/0-10/0
- con paso **0,4 mm / TC4** para material de sutura 4/0-6/0
- con paso **0,5 mm / TC5** para material de sutura hasta 3/0





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Augennadelhalter mit Hartmetall-Einsätzen

Eye needle holders with T/C jaws

Porte-aiguilles pour les yeux avec mors en carbure de tungstène

Porta-agujas para ojos con boca de carburo de tungsteno

ohne Sperre, without ratchet
sans crémaillère, sin cremallera



12350-14

gerade
straight
droite
recta

14,0 cm/5½"



12351-14

gebogen
curved
courbe
curva



TC3

12352-14

gerade
straight
droite
recta

14,0 cm/5½"



TC3

12353-14

gebogen
curved
courbe
curva



Castroviejo

mit Sperre, with ratchet
avec crémaillère, con cremallera



12356-14

gerade
straight
droite
recta

14,0 cm/5½"

12356-18

18,0 cm/7"

12356-21

21,0 cm/8¼"



12357-14

gebogen
curved
courbe
curva

12357-18

12357-21



TC3

12358-14

gerade
straight
droite
recta

14,0 cm/5½"

12358-18

18,0 cm/7"

12358-21

21,0 cm/8¼"



TC3

12359-14

gebogen
curved
courbe
curva

12359-18

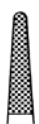
12359-21



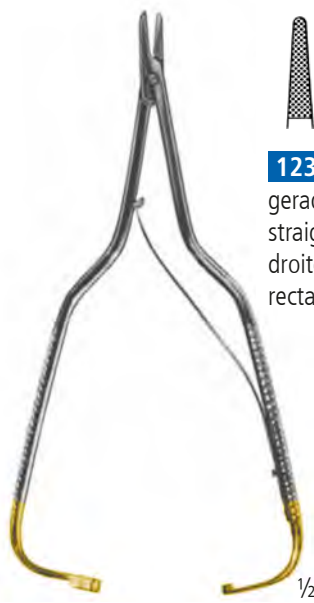
Kalt

12365-14

14,0 cm/5½"



TC3



Arruga

16,0 cm/6¼"



TC3

12370-16

gerade
straight
droite
recta



TC3

12371-16

gebogen
curved
courbe
curva



Barraquer

13,5 cm/5¼"

TC3

12374-13

gerade
straight
droite
recta

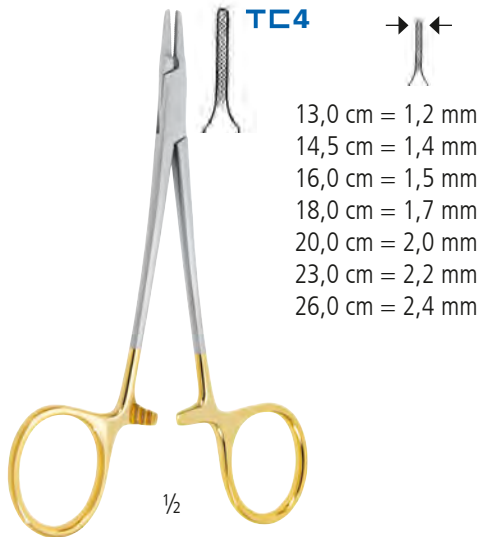
12375-13

gebogen
curved
courbe
curva

Nadelhalter mit Hartmetall-Einsätzen
Needle holders with T/C jaws
Porte-aiguilles avec mors en carbure de tungstène
Porta-agujas con boca de carburo de tungsteno



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13,0 cm = 1,2 mm
 14,5 cm = 1,4 mm
 16,0 cm = 1,5 mm
 18,0 cm = 1,7 mm
 20,0 cm = 2,0 mm
 23,0 cm = 2,2 mm
 26,0 cm = 2,4 mm

French

- 12488-13** 13,0 cm/5"
- 12488-15** 14,5 cm/5½"
- 12488-16** 16,0 cm/6¼"
- 12488-18** 18,0 cm/7"
- 12488-20** 20,0 cm/8"
- 12488-23** 23,0 cm/9"
- 12488-26** 26,0 cm/10¼"



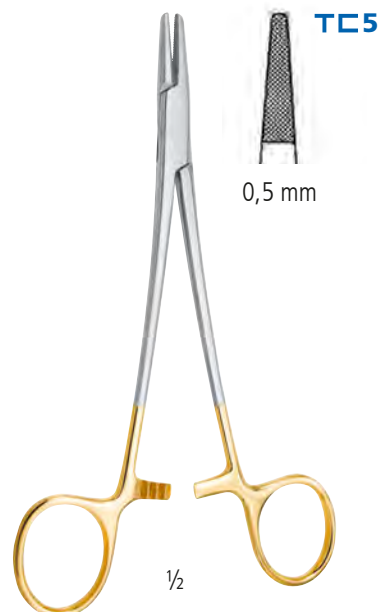
Derf

- 12431** 12,5 cm/5"



Mayo-Hegar

- 12452-30** 30,0 cm/12"



Mayo-Hegar

- 12452-14** 14,5 cm/5½"
- 12452-16** 16,0 cm/6¼"
- 12452-18** 18,0 cm/7¼"
- 12452-20** 20,0 cm/8"
- 12452-23** 23,0 cm/9"
- 12452-26** 26,0 cm/10¼"



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Nadelhalter mit Hartmetall-Einsätzen
Needle holders with T/C jaws
Porte-aiguilles avec mors en carbure de tungstène
Porta-agujas con boca de carburo de tungsteno



kräftige Ausführung
heavy pattern
modèle robuste
de fuerte construcción

Hegar

12453-20

20,0 cm/8"

12453-24

24,0 cm/9½"



Olsen-Hegar

11629-14

14,0 cm/5½"

11629-16

16,0 cm/6¼"



Olsen-Hegar

11629-17

17,0 cm/6¼"



Olsen-Hegar

11629-18

18,0 cm/7"

Nadelhalter mit Hartmetall-Einsätzen
Needle holders with T/C jaws
Porte-aiguilles avec mors en carbure de tungstène
Porta-agujas con boca de carburo de tungsteno



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Wangensteen

12465 27,0 cm/10½"



Finochietto

12472-20 20,0 cm/8"
12472-26 26,0 cm/10¼"



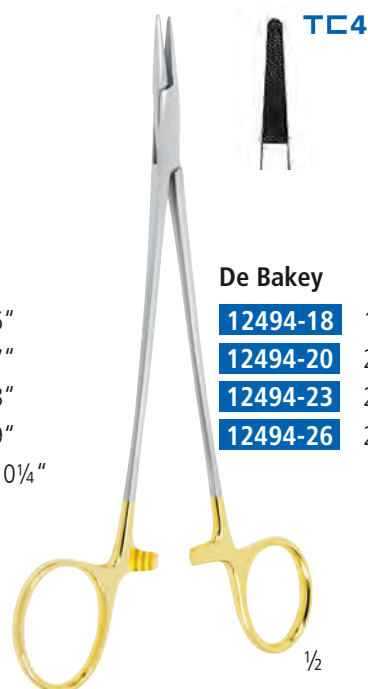
Baumgartner

12438 13,0 cm/5"



Crile-Wood

12436-15 15,0 cm/6"
12436-18 18,0 cm/7"
12436-20 20,0 cm/8"
12436-23 23,0 cm/9"
12436-26 26,0 cm/10¼"



De Bakey

12494-18 18,0 cm/7"
12494-20 20,0 cm/8"
12494-23 23,0 cm/9"
12494-26 26,0 cm/10¼"



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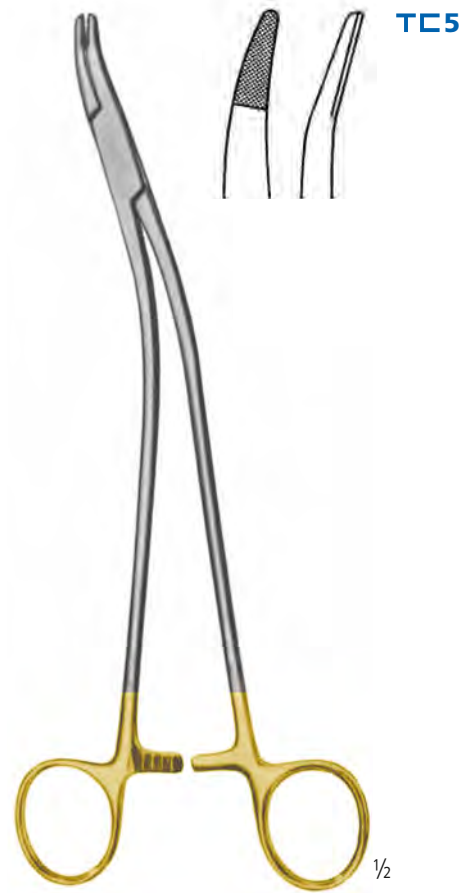
Nadelhalter mit Hartmetall-Einsätzen
Needle holders with T/C jaws
Porte-aiguilles avec mors en carbure de tungstène
Porta-agujas con boca de carburo de tungsteno



Heaney

12455-20 20,0 cm/8"

12455-26 26,0 cm/10 1/4"



Stratte

12473-23 23,0 cm/9"



Mathieu

12508-14 14,0 cm/5 1/2"

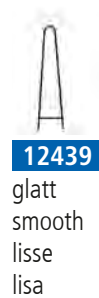
12508-17 17,0 cm/6 1/2"

12508-20 20,0 cm/8"



Halsey

13,0 cm/5"



12439-1

12439

glatt
smooth
lisse
lisa



Webster

12439-5 13,0 cm/5"

Nadelhalter mit Hartmetall-Einsätzen
Needle holders with T/C jaws
Porte-aiguilles avec mors en carbure de tungstène
Porta-agujas con boca de carburo de tungsteno



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Mathieu

12510-17 17,0 cm/6½"
12510-20 20,0 cm/8"



Mathieu

12511-17 17,0 cm/6½"
12511-20 20,0 cm/8"

kräftige Ausführung
 heavy pattern
 modele robuste
 de fuerte construcción

für den Veterinär-Bereich
 for the veterinary field
 pour des vétérinaires
 para los veterinarios



French-Mathieu

12514-14 14,0 cm/5½"
12514-17 17,0 cm/6½"
12514-20 20,0 cm/8"



Mathieu

12509-14 14,0 cm/5½"
12509-17 17,0 cm/6½"
12509-20 20,0 cm/8"

schmales Modell
 delicate pattern
 modèle étroit
 modelo estrecho

gebogenes Modell
 curved pattern
 modèle courbe
 modelo curvo



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Nadelhalter mit Hartmetall-Einsätzen
Needle holders with T/C jaws
Porte-aiguilles avec mors en carbure de tungstène
Porta-agujas con boca de carburo de tungsteno



Sarat

- 12520-18** 18,0 cm/7"
- 12520-20** 20,0 cm/8"
- 12520-26** 26,0 cm/10¼"



Masson

- 12511-27** 27,0 cm/10½"



Olsen-Hegar

- 11630-14** 14,0 cm/5½"

kräftige Ausführung
heavy pattern
modele robuste
de fuerte construcción

für den Veterinär-Bereich
for the veterinary field
pour des vétérinaires
para los veterinarios



Olsen-Hegar

- 11630-17** 17,0 cm/6¾"

Nadelhalter mit Hartmetall-Einsätzen
Needle holders with T/C jaws
Porte-aiguilles avec mors en carbure de tungstène
Porta-agujas con boca de carburo de tungsteno



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Kilner

12423 13,0 cm/5"



Baby-Olsen-Hegar

11,5 cm/4 1/2"

11631-11 **11631-21**

gerieft
 serrated
 striée
 estriada

glatt
 smooth
 lisse
 lisa

für sehr feine Nadeln
 for fine needles
 pour des aiguilles tres fines
 para agujas finas

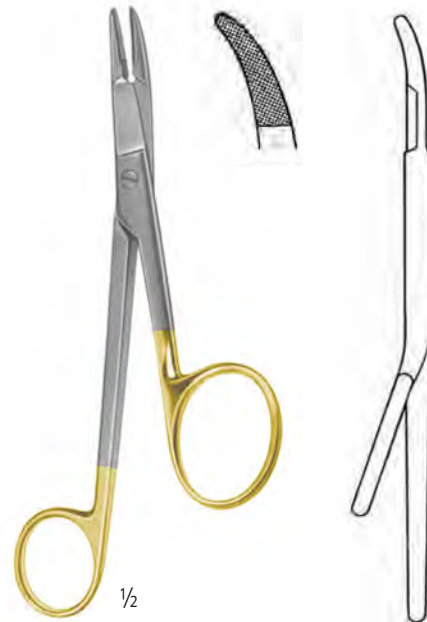


Bozemann

12484-20 20,0 cm/8"

12484-23 24,0 cm/9 1/2"

12484-26 26,0 cm/10 1/4"



Gillies-Baby

11626-11 **TC3** 11,0 cm/4"

Gillies

11626-16 **TC5** 16,0 cm/6 1/4"



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Gewebefasszangen mit Hartmetall-Einsätzen
Tissue Seizing Forceps with T/C jaws
Pinces a saisir les tissus avec mors en carbure de tungstène
Pinzas para coger tejidos con boca de carburo de tungsteno



Gewebefasszange
Tissue Seizing Forceps
Pince à saisir les tissus
Pinza para coger tejidos

Duval

16831-20 20,0 cm/8"



Babcock

16845-16 16,0 cm/6¼"

16845-20 20,0 cm/8"



Allis

13744-16 16,0 cm/6¼"

13744-19 19,0 cm/7½"

Scheren mit Hartmetall-Schneiden
 Scissors with tungsten carbide edges
 Ciseaux avec tranchants en carbure de tungstène
 Tijeras con cortantes de carburo de tungsteno



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Standard
 14,5 cm/5½"



Standard
 14,5 cm/5½"



Fig. 1
11552-A14



Fig. 2
11552-B14



Fig. 3
11552-C14

gerade
 straight
 droits
 rectas

gebogen
 curved
 courbes
 curvas

11553-A14

11553-B14

11553-C14



Parametrium



26730-1
 22,5 cm/9"



26730-2
 23,0 cm/9"



Lister
11677-18
 18,0 cm/7"



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Scheren mit Hartmetall-Schneiden
Scissors with tungsten carbide edges
Ciseaux avec tranchants en carbure de tungstène
Tijeras con cortantes de carburo de tungsteno



Mayo

11556-14 14,5 cm/5½"
11556-17 17,0 cm/6¾"

11557-14
11557-17



Mayo-Stille

11564-15 15,0 cm/6"
11564-17 17,0 cm/6¾"

11565-15
11565-17



Mayo-Lexer
16,5 cm/6½"

11566-16
gerade
straight
droite
recta

11567-16
gebogen
curved
courbe
curva



Strabismus (Metzenbaum)
11,5 cm/4½"

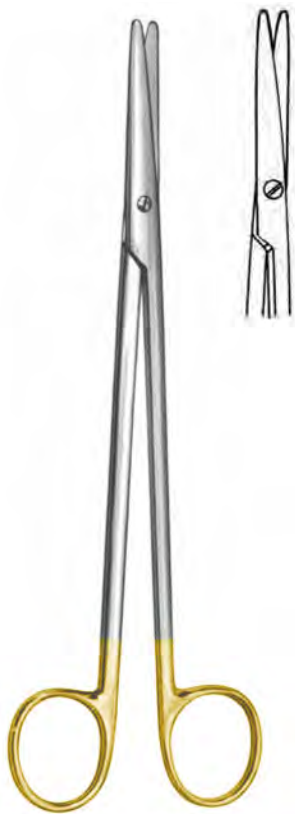
11582-11

11583-11

Scheren mit Hartmetall-Schneiden
 Scissors with tungsten carbide edges
 Ciseaux avec tranchants en carbure de tungstène
 Tijeras con cortantes de carburo de tungsteno



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



1/2

Metzenbaum

- | | |
|-----------------|-------------|
| 11582-14 | 14,5 cm/5½" |
| 11582-18 | 18,0 cm/7" |
| 11582-20 | 20,0 cm/8" |
| 11582-23 | 23,0 cm/9" |



- | | |
|-----------------|--|
| 11583-14 | |
| 11583-18 | |
| 11583-20 | |
| 11583-23 | |



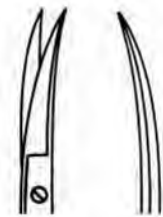
1/2

Irischere

11,5 cm/4¾"



11612



11613



1/2

Metzenbaum, Fino

- | | |
|-----------------|-------------|
| 11584-14 | 14,5 cm/5½" |
| 11584-18 | 18,0 cm/7" |
| 11584-20 | 20,0 cm/8" |
| 11584-23 | 23,0 cm/9" |



- | | |
|-----------------|--|
| 11585-14 | |
| 11585-18 | |
| 11585-20 | |
| 11585-23 | |



1/2

Tönnis-Adson

- | | |
|--------------|------------|
| 11587 | 17,0 cm/7" |
|--------------|------------|



SCHWERT
SWORD - ESPADA
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Drahtkneifzangen mit Hartmetall-Einlagen
Wire and pin cutters with tungsten carbide inserts
Pinces à couper le fil avec mors en carbure de tungstène
Alicates para cortar alambre con boca de carburo de tungsteno



gezahnte Schneide
saw edge
lame de scie
corte con dientes

Universal

14146 12,0 cm/5"



14136-12 12,5 cm/5"



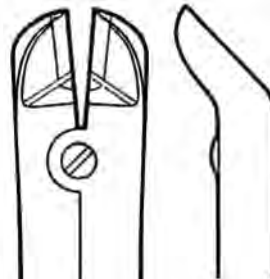
14157-18 17,5 cm/7"

für Drähte bis 1,6 mm Ø
for wires up to 1.6 mm Ø
pour fils jusqu'a 1,6 mm Ø
para hilos hasta 1,6 mm Ø



14157-22 22,0 cm/8¾"

für Drähte bis 2,5 mm Ø
for wires up to 2.5 mm Ø
pour fils jusqu'a 2,5 mm Ø
para hilos hasta 2,5 mm Ø



14157-16 16,0 cm/6½"

für Drähte bis 1,6 mm Ø
for wires up to 1.6 mm Ø
pour fils jusqu'a 1,6 mm Ø
para hilos hasta 1,6 mm Ø

Drahtkniefzangen mit Hartmetall-Einlagen
Wire and pin cutters with tungsten carbide inserts
Pinces à couper le fil avec mors en carbure de tungstène
Alicates para cortar alambre con boca de carburo de tungsteno



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18,0 cm/7"



Fig. 1

14127-2



Fig. 2

14127-3



Fig. 3

14127-6

Drahtspannzangen
Wire Twisting Forceps
Pinces pour ligatures de fil
Pinzas para torcer hilos



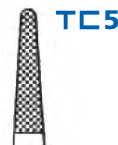
14161 18,0 cm/7"

für weiche Drähte bis 2,0 mm Ø
 for soft wires up to 2.0 mm Ø
 pour fils mous jusqu'a 2,0 mm Ø
 para hilos blandos hasta 2,0 mm Ø

für harte Drähte bis 1,7 mm Ø
 for hard wires up to 1.7 mm Ø
 pour fils durs jusqu'a 1,7 mm Ø
 para hilos duros hasta 1,7 mm Ø



14165-16 16,0 cm/6½"



TC5



12459 18,0 cm/7"



TC5



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SWORD · ESPADA
EPEE · SPADA

Drahtschneidezangen mit extraharten Einsätzen Wire cutters with extra hard cutting edges Pincès à couper le fil avec mors en material extra-dur Pinzas cortantes p. alambres con bocas extra duro

Rostfrei – sterilisierbar
stainless steel – sterilizeable
En acier inoxydable – à stériliser
De acero inoxidable – esterilizabile



- max. 0,2 mm
harte Drähte / hard wires
fils durs / hilos duros
- max. 0,4 mm
weiche Drähte / soft wires
fils mous / hilos blandos

14138 11,0 cm/4½"



- max. 0,5 mm
- max. 0,5 mm
harte Drähte / hard wires
fils durs / hilos duros

14140 14,0 cm/5½"



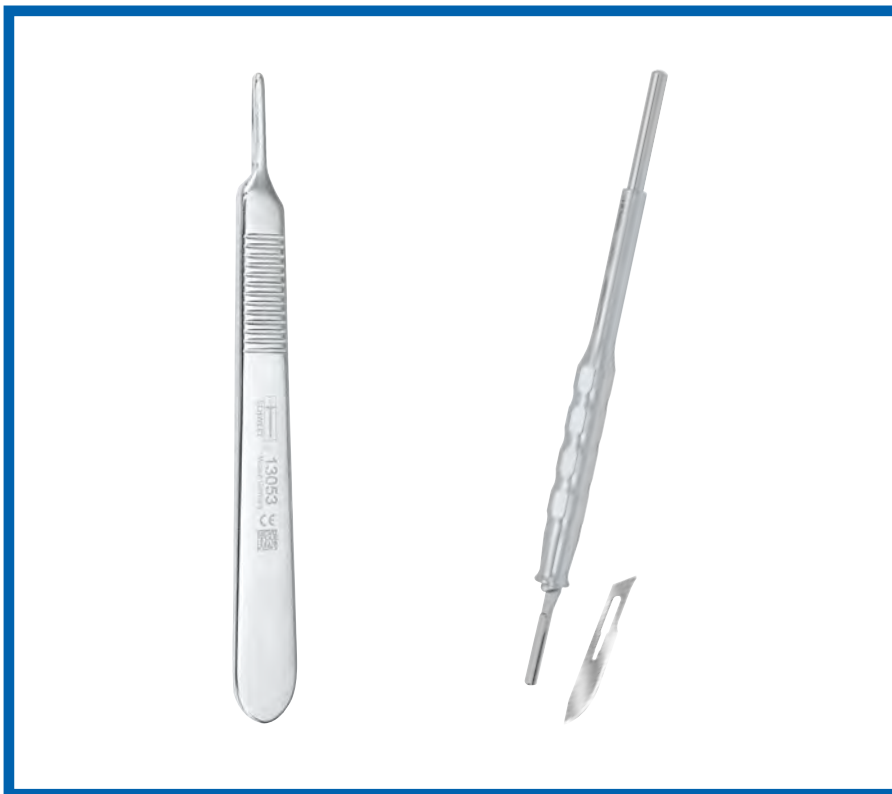
- max. 0,5 mm
harte Drähte / hard wires
fils durs / hilos duros

14139 12,5 cm/5"



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Messer, Skalpel Knives, Scalpels Couteaux, Bistouris Cuchillos, Bisturías





SCHWERT
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Skalpelle-Griffe
Scalpel Handles
Manches pour bistouris
Mangos de bisturías

SAFE-EX 2

patented



1:1

13051

Sicherheitsklingenhalter,
ergonomische Form,
zerlegbar
Safety blade holder,
ergonomic shape,
dismountable



**Nie wieder
Verletzungen
Never again
injuries**

i

SAFE-EX

Das alltägliche Verletzungsrisiko beim Aufnehmen und vor allem dem Entfernen der Klinge vom Skalpell Griff ist mit herkömmlichen Instrumenten unvermeidlich. Mit dem neuen SCHWERT SAFE-EX hat man eine Innovation geschaffen die den Praxisalltag verändert. Die im Griff integrierte Funktion, ähnlich der Benutzung eines Kugelschreibers, reduziert die Verletzungsgefahr auf ein Minimum. Die Klinge wird beim SAFE-EX per Knopfdruck am distalen Ende einfach ausgeworfen. Praxispersonal wird im Zuge der Wiederaufbereitung wirksam vor Krankheitsübertragungen und Infektionen durch Schnitte geschützt.

SAFE-EX

The daily risk of injuries by mounting and especially dismantling of blades is not avoidable by standard blade holders. With the new SCHWERT SAFE-EX an innovation was developed that changes the daily routine eminently. The integrated function that works like a regular ball pen reduces the risk of an injury to a minimum. The blade is ejected from the SAFE-EX just by pushing the button on the distal end. The practice staff, especially during the re-processing, is safe from infections caused by unintended cuts.

Skalpelli-Griffe
 Scalpel Handles
 Manches pour bistouris
 Mangos de bisturías

1:1



Standard

13053

No. 3
 massiv
 solid
 massif
 macizo

13053-L

No. 3L
 massiv
 solid
 massif
 macizo

13053-LA

No. 3L
 massiv, abgewinkelt
 solid, angular
 massif, coudé
 macizo, acodado

Standard

13054

No. 4
 massiv
 solid
 massif
 macizo

13054-L

No. 4L
 massiv
 solid
 massif
 macizo

13054-LA

No. 4L
 massiv, abgewinkelt
 solid, angular
 massif, coudé
 macizo, acodado



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SCHWERT
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EPEE · SPADA

Skalpell-Griffe
Scalpel Handles
Manches pour bistouris
Mangos de bisturías

1:1

Skalpell-Griffe
Scalpel Handles
Manches pour bistouris
Mangos de bisturías



Standard

13057

No. 7
massiv
solid
massif
macizo



13057-K

No. 7K
massiv
solid
massif
macizo



13058

No. 8
hohl
hollow
creux
hueco



13059

No. 9
hohl
hollow
creux
hueco

Skalpellsklingen
 Scalpel Blades
 Lames pour bistouris
 Hojas de bisturías



SCHWERT
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steril
 sterile
 stériles
 estériles



Fig. 10
Standard
13066-10



Fig. 11
Standard
13066-11



Fig. 12
Standard
13066-12



Fig. 13
Standard
13066-13

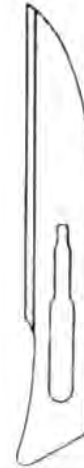


Fig. 14
Standard
13066-14



Fig. 15
Standard
13066-15

steril
 sterile
 stériles
 estériles

Verkaufseinheit: Pack à 100 Stück
 Sales unit: Package of 100 pieces
 Quantite de vente : Paquet de 100 pièces
 Unidad de venta: Paquete de 100 piezas



Fig. 16
Standard
13066-16



Fig. 17
Standard
13066-17



Skalpellklingen
Scalpel Blades
Lames pour bistouris
Hojas de bisturías

SCHWERT
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EPEE · SPADA

steril
sterile
stériles
estériles



Fig. 18
Standard

13067-18



Fig. 19
Standard

13067-19



Fig. 20
Standard

13067-20



Fig. 21
Standard

13067-21



Fig. 22
Standard

13067-22



Fig. 23
Standard

13067-23

steril
sterile
stériles
estériles



Fig. 24
Standard

13067-24



Fig. 25
Standard

13067-25



Fig. 34
Standard

13067-34

Verkaufseinheit: Pack à 100 Stück
Sales unit: Package of 100 pieces
Quantité de vente : Paquet de 100 pièces
Unidad de venta: Paquete de 100 piezas



SCHWERT
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Verschiedene Klemmen

Miscellaneous Forceps

Pinces diverses

Pinzas diversas





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Bulldog klemmen
Bulldog Clamps
Clamps Bulldog
Clamps Bulldog

Arterienklemmen
Hemostatic Forceps
Pincès hémostatiques
Pinzas hemostáticas



Dieffenbach
6,0 cm/2½"

13864 **13865**



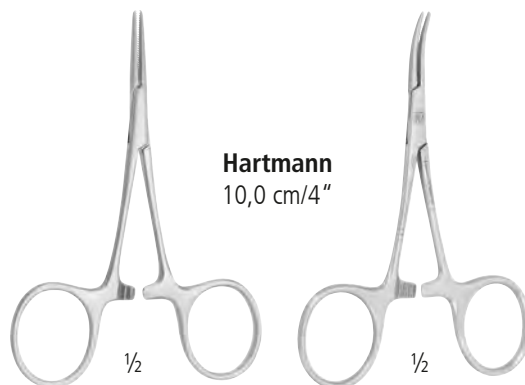
Dieffenbach
3,5 cm/1½"

13866-3 **13867-3**
5,0 cm/2"
13866-5 **13867-5**



John Hopkins

17517-2 5,0 cm/2"
17517-4 6,5 cm/2½"
17517-6 7,5 cm/3"



Hartmann
10,0 cm/4"

13840-5 micro **13841-5** micro
13840 **13841**



atraumatisch
atraumatic
atraumatique
atraumàtica



Glover

17526-6 6,0 cm/2½" **17526-7** 7,0 cm/3" **17526-9** 9,0 cm/3½" **17526-10** 10,5 cm/4"
17527-5 5,5 cm/2" **17527-6** 6,5 cm/2½" **17527-8** 8,5 cm/3½" **17527-10** 10,0 cm/4"

Arterienklemmen
Hemostatic Forceps
Pincés hémostatiques
Pinzas hemostáticas



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Halsted-
Mosquito

1/2

13600

12,5 cm/5"

13600-14

14,0 cm/5 1/2"

13606 micro

12,5 cm/5"

gerade
straight
droits
rectas



1/2

13601

13601-14

13607 micro

gebogen
curved
courbes
curvas



1/2

13602

12,5 cm/5"

13602-14

14,0 cm/5 1/2"

13608 micro

12,5 cm/5"

gerade
straight
droits
rectas



1/2

13603

13603-14

13609 micro

gebogen
curved
courbes
curvas



1/2



13660-18

18,0 cm/7"

13660-20

21,0 cm/8 1/4"

gerade
straight
droits
rectas



13661-18

13661-20

gebogen
curved
courbes
curvas

Halsted-
Mosquito



13662-18

18,0 cm/7"

13662-20

21,0 cm/8 1/4"

gerade
straight
droits
rectas



13663-18

13663-20

gebogen
curved
courbes
curvas

Halsted-
Mosquito

1:2



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Arterienklemmen Hemostatic Forceps Pincès hémostatiques Pinzas hemostáticas



Pean

- 13352-14** 14,0 cm/5½"
- 13352-16** 16,0 cm/6¼"

½



Pean

14,0 cm/5½"
fein, delicate, fine, fina

13392-14

gerade, straight
droits, rectas

13393-14

gebogen, curved
courbes, curvas

½



Rochester-Pean

gerade, straight
droits, rectas

- 13390-13** 13,0 cm/5"
- 13390-14** 14,0 cm/5½"
- 13390-16** 16,0 cm/6¼"
- 13390-18** 18,0 cm/7"
- 13390-20** 20,0 cm/8"
- 13390-22** 22,0 cm/8¾"
- 13390-24** 24,0 cm/9½"
- 13390-26** 26,0 cm/10¼"
- 13390-30** 30,0 cm/12"



Rochester-Pean

gebogen, curved
courbes, curvas

- 13391-13** 13,0 cm/5"
- 13391-14** 14,0 cm/5½"
- 13391-16** 16,0 cm/6¼"
- 13391-18** 18,0 cm/7"
- 13391-20** 20,0 cm/8"
- 13391-22** 22,0 cm/8¾"
- 13391-24** 24,0 cm/9½"
- 13391-26** 26,0 cm/10¼"
- 13391-30** 30,0 cm/12"

Arterienklemmen
Hemostatic Forceps
Pinces hémostatiques
Pinzas hemostáticas



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Kocher
 14,0 cm/5½"
 fein, delicate, fine, fina

½



13432-14

gerade, straight
 droits, rectas



13433-14

gebogen, curved
 courbes, curvas



Ochsner-Kocher
 gerade, straight
 droits, rectas

- 13430-13** 13,0 cm/5"
- 13430-14** 14,0 cm/5½"
- 13430-16** 16,0 cm/6¼"
- 13430-18** 18,0 cm/7"
- 13430-20** 20,0 cm/8"
- 13430-22** 22,0 cm/8¾"
- 13430-24** 24,0 cm/9½"
- 13430-26** 26,0 cm/10¼"
- 13430-30** 30,0 cm/12"



Ochsner-Kocher
 gebogen, curved
 courbes, curvas

- 13431-13** 13,0 cm/5"
- 13431-14** 14,0 cm/5½"
- 13431-16** 16,0 cm/6¼"
- 13431-18** 18,0 cm/7"
- 13431-20** 20,0 cm/8"
- 13431-22** 22,0 cm/8¾"
- 13431-24** 24,0 cm/9½"
- 13431-26** 26,0 cm/10¼"
- 13431-30** 30,0 cm/12"



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Arterienklemmen
Hemostatic Forceps
Pinces hémostatiques
Pinzas hemostáticas



13440-16 16,0 cm/6¼"
13440-20 20,0 cm/8"
gerade
straight
droits
rectas



13441-16
13441-20
gebogen
curved
courbes
curvas



Bainbridge
15,0 cm/6"



24590-15
gerade
straight
droits
rectas



24591-15
gebogen
curved
courbes
curvas



Bainbridge
18,5 cm/7¼"



24590
gerade
straight
droits
rectas



24591
gebogen
curved
courbes
curvas

Arterienklemmen
Hemostatic Forceps
Pincés hémostatiques
Pinzas hemostáticas



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Kelly
14,5 cm/5½"



13580

gerade
straight
droits
rectas



13581

gebogen
curved
courbes
curvas

½



Kelly Rankin
16,0 cm/6¼"



13584

gerade
straight
droits
rectas



13585

gebogen
curved
courbes
curvas

½



13560

13561

13568

13569

1:2

Crile
14,5 cm/5½"

½



13564

gerade
straight
droits
rectas



13565

gebogen
curved
courbes
curvas

½

Crile-Rankin
16,0 cm/6¼"



SCHWERT
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**Arterienklemmen
Hemostatic Forceps
Pincès hémostatiques
Pinzas hemostáticas**



1/2

Providence Hospital
14,0 cm/5 1/2"



13618

gerade
straight
droits
rectas



13619

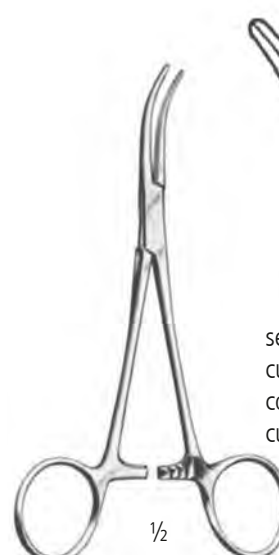
gebogen
curved
courbes
curvas



1/2

Lovelace

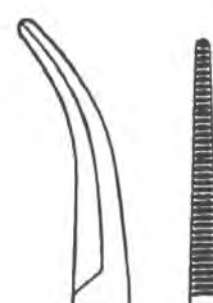
13688 15,5 cm/6"



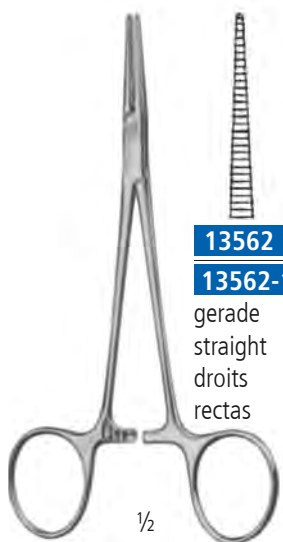
1/2

Dandy Crile

13511 14,0 cm/5 1/2"



seitwärts gebogen
curved on side
courbe sur le côté
curva lateral



1/2

Baby-Crile



13562

14,0 cm/5 1/2"

13562-16

11,0 cm/4 1/2"

gerade
straight
droits
rectas



13563

gebogen
curved
courbes
curvas



1/2

Spencer-Wells



13520-13

13,0 cm/5"

13520-14

14,0 cm/5 1/2"

13520-15

15,5 cm/6"

13520-18

18,0 cm/7"

13520-20

20,0 cm/9"

13520-24

24,0 cm/9"

gerade
straight
droits
rectas



13521-13

13521-14

13521-15

13521-18

13521-20

13521-24

gebogen
curved
courbes
curvas

Arterienklemmen
 Hemostatic Forceps
 Pinces hémostatiques
 Pinzas hemostáticas



SCHWERT
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13590-15 gerade
 straight
 droits
 rectas

13591-15 gebogen
 curved
 courbes
 curvas

Leriché
 15,0 cm/6"

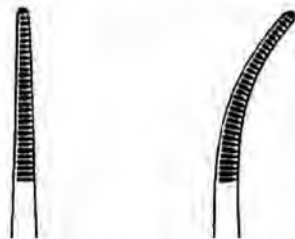
1/2



Pennington

13772 15,5 cm/6"
13772-20 20,0 cm/8"

1/2



13670 gerade
 straight
 droits
 rectas

13671 gebogen
 curved
 courbes
 curvas

Adson
 18,5 cm/7 1/4"

1/2



13679-14 14,0 cm/5 1/2"
13679-18 18,0 cm/7"

Baby-Adson

1/2



SCHWERT
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**Arterienklemmen
Hemostatic Forceps
Pincès hémostatiques
Pinzas hemostáticas**

**Präparier- und Ligaturklemmen
Dissecting and Ligature Forceps
Pincès à dissequer et à ligatures
Pinzas para preparaciones y ligaduras**

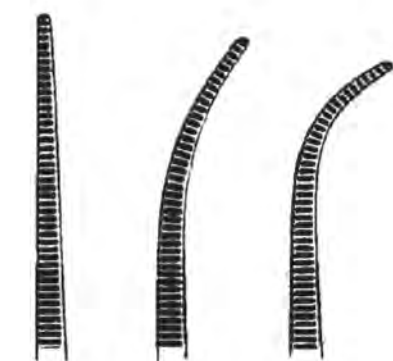
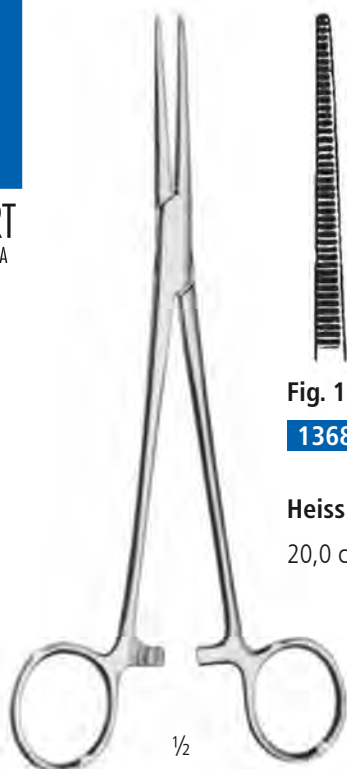


Fig. 1 13682
Fig. 2 13683
Fig. 3 13685

Arterienklemmen
Hemostatic Forceps
Pincès hémostatiques
Pinzas hemostáticas

Heiss
20,0 cm/8"

Präparier- und Ligaturklemmen, Dissecting and Ligature Forceps
Pincès à dissequer et à ligatures, Pinzas para preparaciones y ligaduras

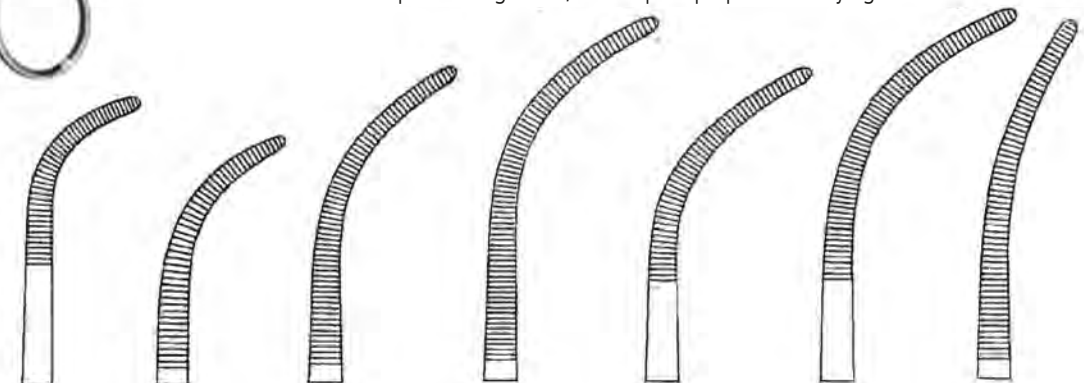


Fig. 1 13703-11 19,5 cm/7 1/4"
Fig. 2 13703-12 21,0 cm/8 1/4"
Fig. 3 13703-13 22,0 cm/8 3/4"
Fig. 4 13703-14 22,5 cm/9"
Fig. 5 13703-15 21,5 cm/8 1/2"
Fig. 6 13703-16 22,5 cm/9"
Fig. 7 13703-17 22,5 cm/9"

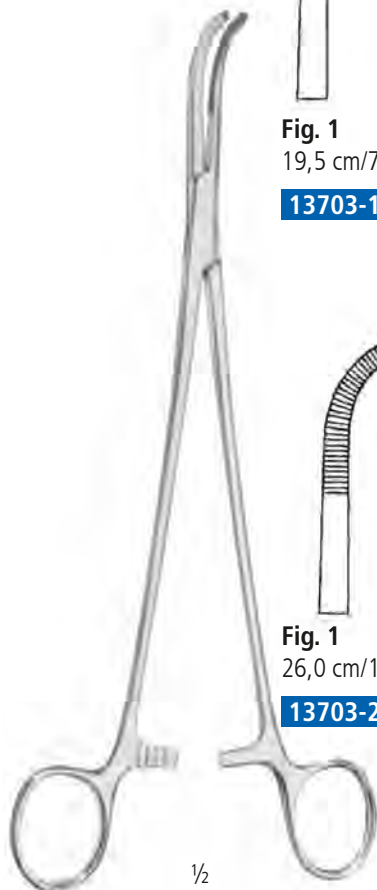


Fig. 1 13703-21 26,0 cm/10 1/4"
Fig. 2 13703-22 27,0 cm/10 1/2"
Fig. 3 13703-23 27,0 cm/10 3/4"
Fig. 4 13703-24 27,0 cm/10 3/4"
Fig. 5 13703-25 27,0 cm/10 3/4"
Fig. 6 13703-26 28,0 cm/11"
Fig. 7 13703-27 27,0 cm/10 3/4"

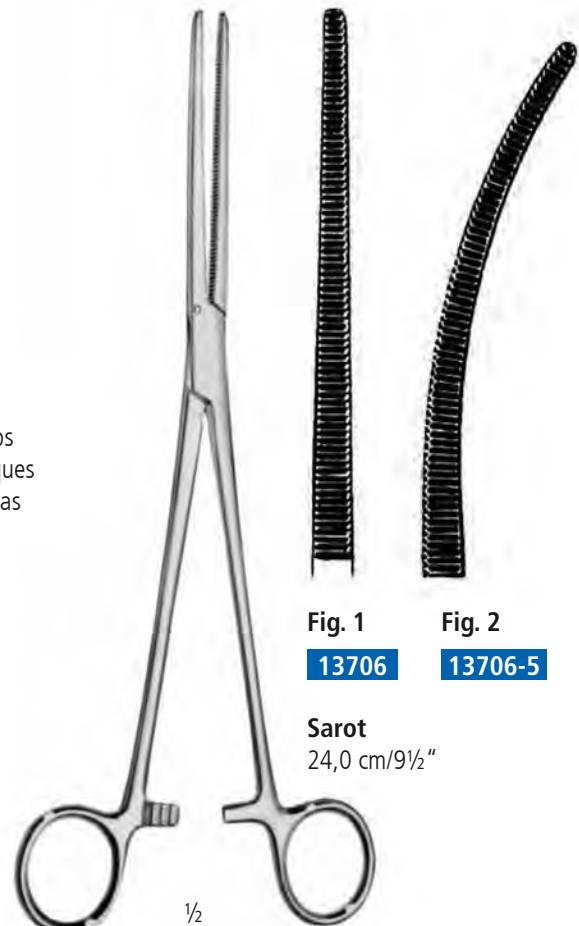
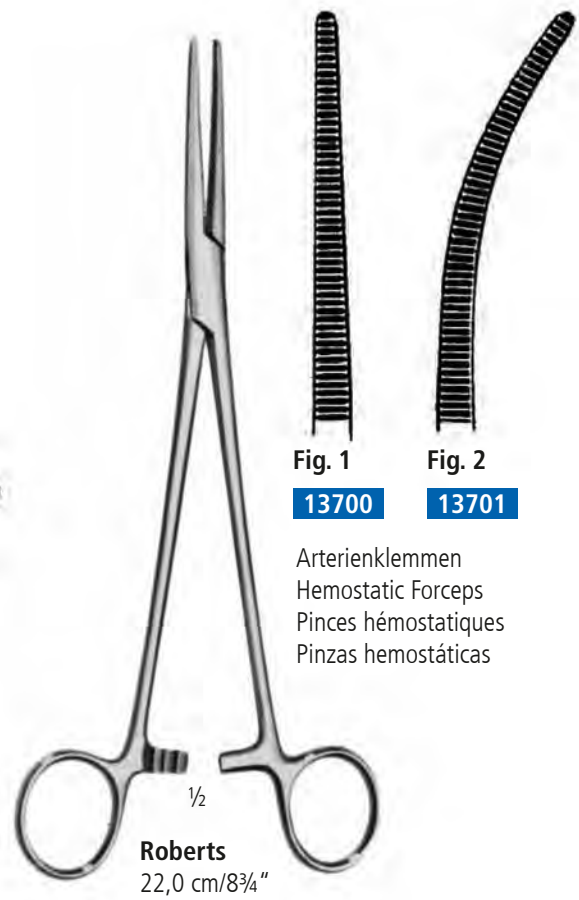
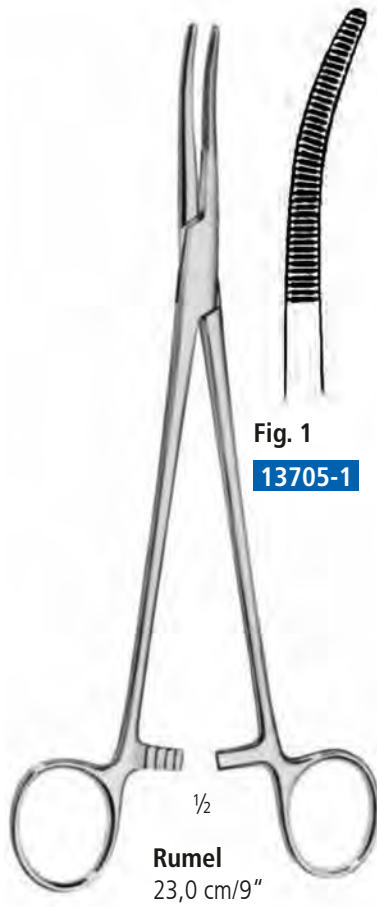
Overholt-Geissendoerfer

Arterienklemmen
Hemostatic Forceps
Pinces hémostatiques
Pinzas hemostáticas

Präparierklemmen
Dissecting Forceps
Pinces à disséquer
Pinzas para preparaciones



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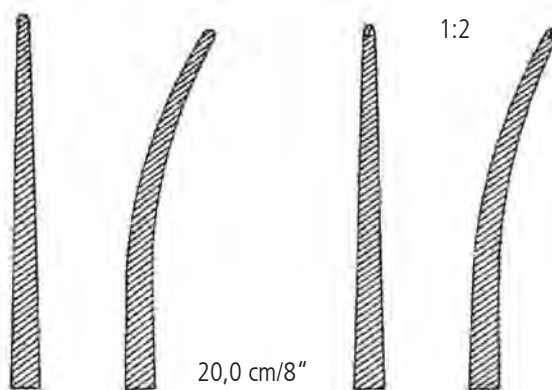


Arterienklemmen
Hemostatic Forceps
Pinces hémostatiques
Pinzas hemostáticas

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EPEE - SPADA



Bengolea



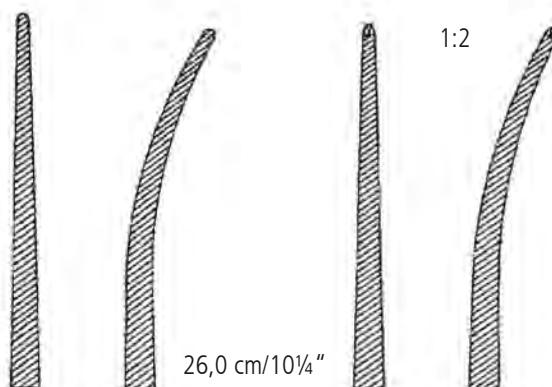
20,0 cm/8"

13714-20

13714-520

13715-20

13715-520



26,0 cm/10¼"

13714-26

13714-526

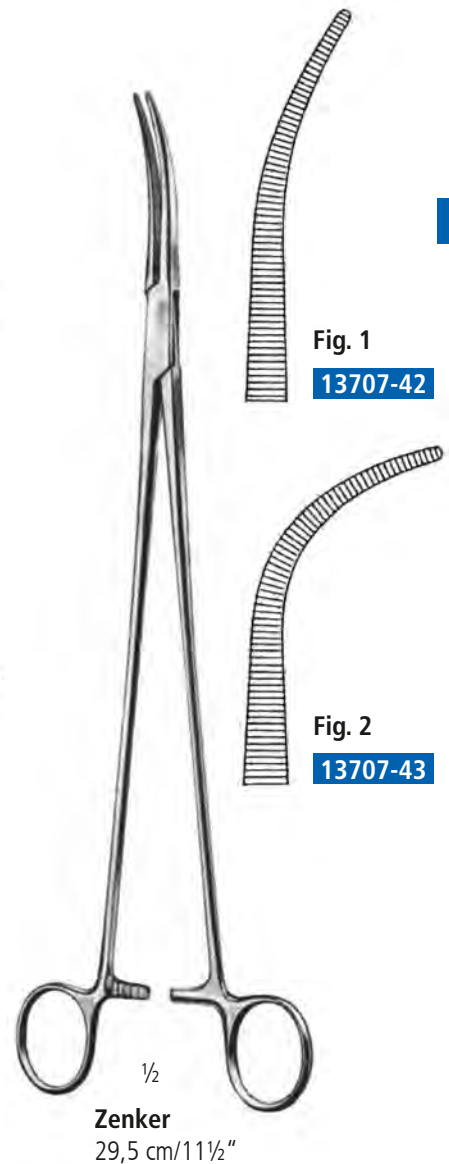
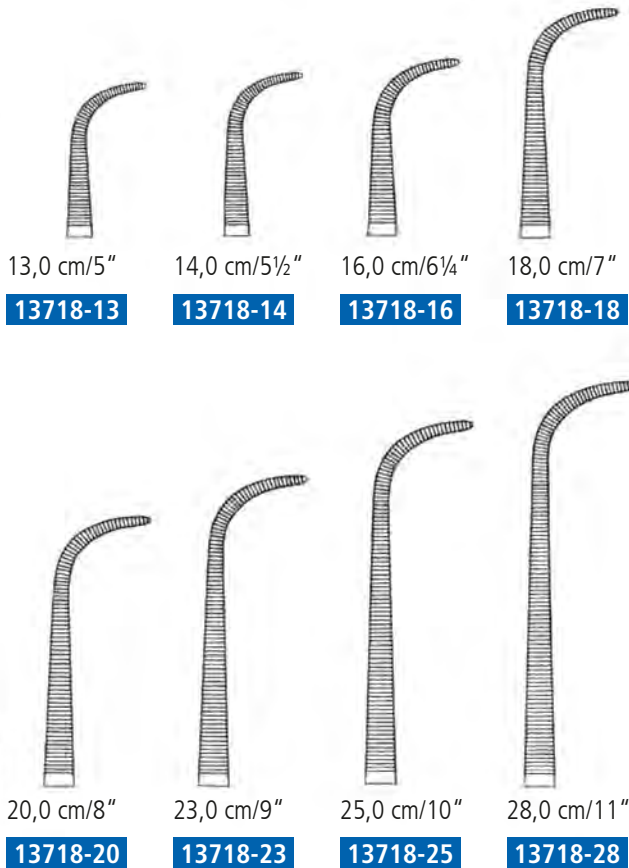
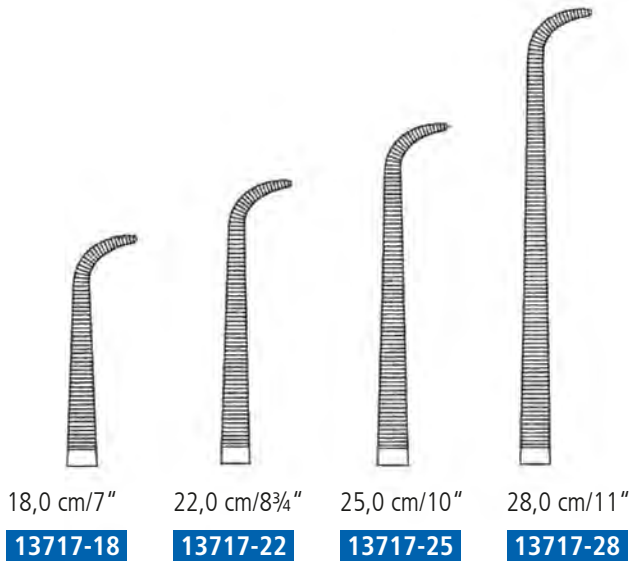
13715-26

13715-526

Präparier- und Ligaturklemmen
 Dissecting and Ligature Forceps
 Pincès à dissequer et à ligatures
 Pinzas para preparaciones y ligaduras



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SCHWERT
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EPEE - SPADA

Arterienklemmen Hemostatic Forceps Pincés hémostatiques Pinzas hemostáticas



Mixer-Baby

13678-14 14,0 cm/5½"
13678-18 18,0 cm/7"



Mixer

13710-15 15,5 cm/6"
13710-19 19,0 cm/7½"
13711 22,0 cm/¾"



Mixer-O'Shaugnessy

13715-15 15,5 cm/6"
13715-19 19,0 cm/7½"



Fig. 1

13697-1

Fig. 2

13697-2

Negus

19,0 cm/7½"

Arterienklemmen
Hemostatic Forceps
Pincès hémostatiques
Pinzas hemostáticas

Gallenkanalklemmen
Gall Duct Clamps
Pincès pour voies biliaires
Pinzas para conductos biliares



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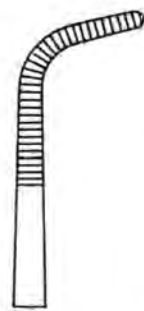
13709-18

18,0 cm/7½"



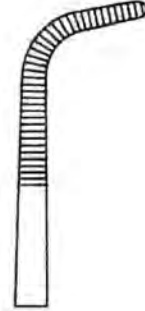
13709-24

24,0 cm/9½"



13709-27

28,0 cm/11"



Kantrowitz

Gallenkanalklemmen
Gall Duct Clamps
Pincès pour voies biliaires
Pinzas para conductos biliares

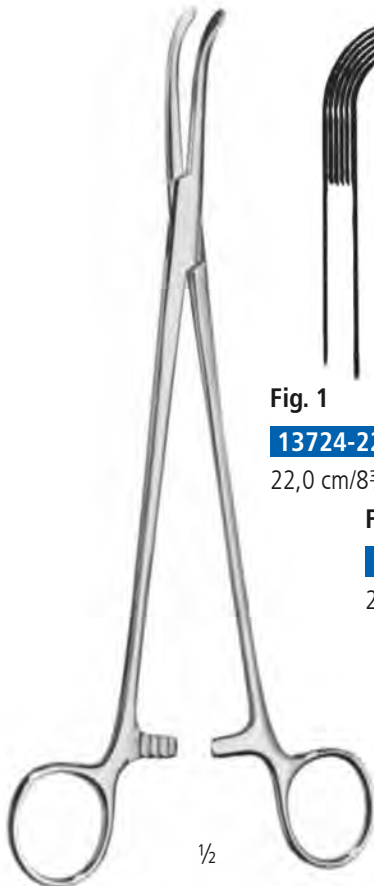


Fig. 1

13724-22

22,0 cm/8¾"



Fig. 2

13724-25

25,0 cm/10"



Fig. 3

13724-28

28,0 cm/18"

Mixer



13727-19

19,0 cm/7½"



13727-23

23,0 cm/9"



Lahey

Arterienklemmen
Hemostatic Forceps
Pinces hémostatiques
Pinzas hemostáticas

Nierenstiellklemmen, Gallenkanalklemmen
Kidney Pedicle Clamps, Gall Duct Clamps
Pinces hémostatiques Pincas pour pédicules rénaux, Pincas pour voies biliaires
Pinzas-clamps para pedúnculos renales y conductos biliares

Gallenkanalklemmen
 Gall Duct Clamps
 Pincas pour voies biliaires
 Pinzas para conductos biliares

Nierenstiellklemmen
 Kidney Pedicle Clamps
 Pincas hémostatiques Pincas pour pédicules rénaux
 Pinzas-clamps para pedúnculos renales



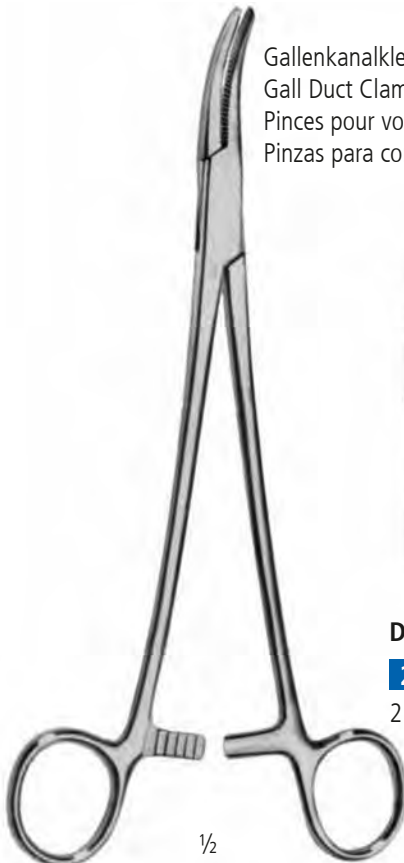
Lower
13729
 18,0 cm/7"



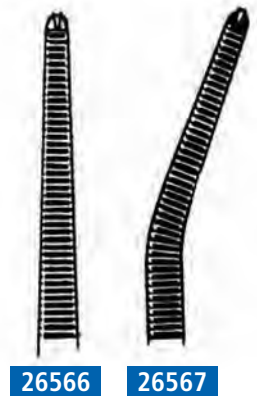
Mayo-Guyon
25007
 23,0 cm/9"

Gallenkanalklemmen
 Gall Duct Clamps
 Pincas pour voies biliaires
 Pinzas para conductos biliares

Arterienklemmen
 Hemostatic Forceps
 Pincas hémostatiques
 Pinzas hemostáticas



Desjardins
24905
 21,0 cm/8¼"



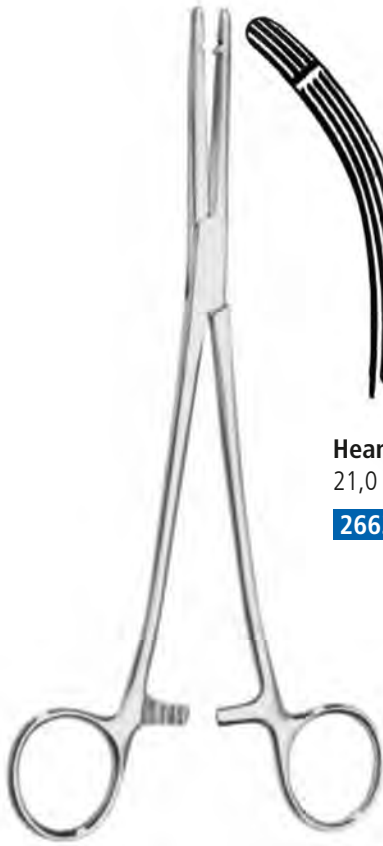
Phaneuf
 21,0 cm/8¼"

Klemmzangen
Clamp Forceps
Pinces-clamps
Pinzas-clamps

Hysterektomieklemmen
Hysterectomy Forceps
Pinces à hystérectomie
Pinzas para histerectomia



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Heaney-Ballentine
 21,0 cm/8¼"

26634-5 **26634**

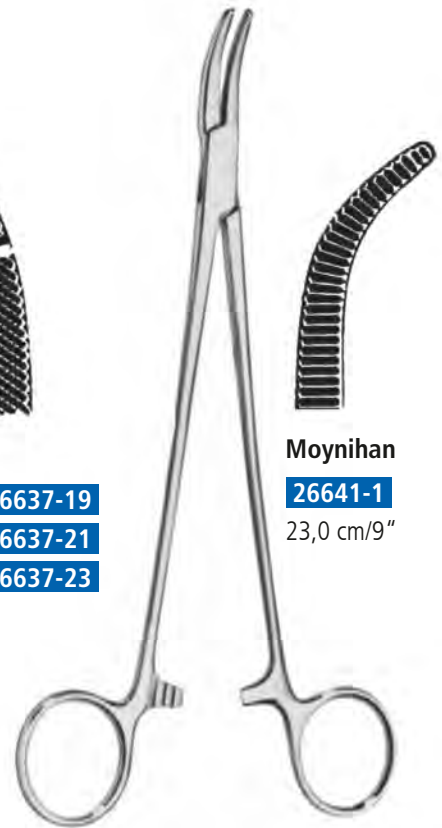


Heaney

26635-19 19,0 cm/7¾"
26635-21 21,0 cm/8¼"
 23,0 cm/9"

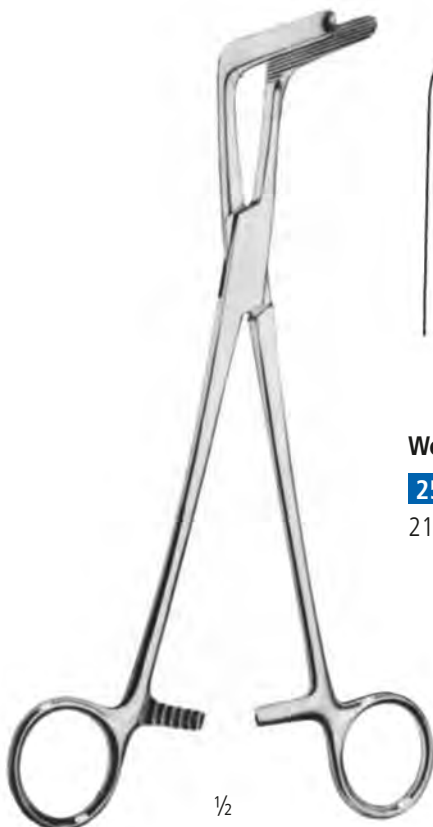
26637-19
26637-21
26637-23

Hysterektomieklemmen
 Hysterectomy Forceps
 Pinces à hystérectomie
 Pinzas para histerectomia



Moynihan

26641-1
 23,0 cm/9"



Wertheim-Cullen

25037-22
 21,5 cm/8½"



Wertheim

26632
 25,0 cm/10"

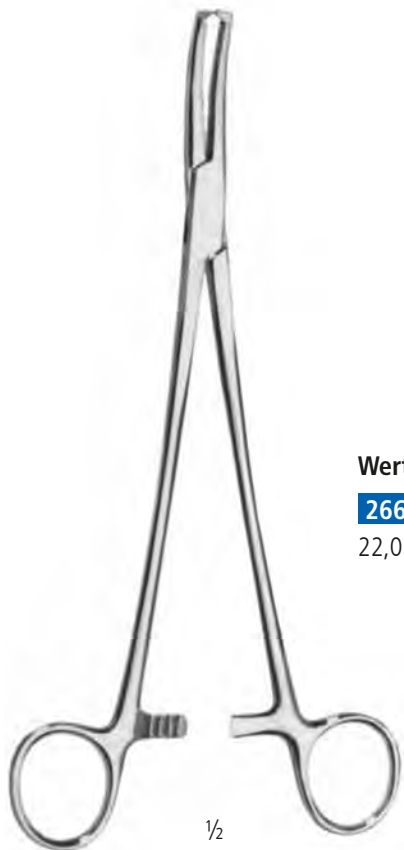




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Klemmzangen
Clamp Forceps
Pincés-clamps
Pinzas-clamps

Peritoneumklemmen
Peritoneal Clamp Forceps
Pincés pour péritoine
Pinzas para peritoneo



Klemmzangen
Clamp Forceps
Pincés-clamps
Pinzas-clamps

Wertheim

26632-22

22,0 cm/8³/₄"

1/2

Peritoneumklemmen, Peritoneal Clamp Forceps, Pincés pour péritoine, Pinzas para peritoneo



26675-1



26675-2

Mikulicz
20,0 cm/8"

1/2



26661-1



26661-2

Faure
20,0 cm/8"

1/2

Tuchklemmen
Towel Forceps
Pinces à champs
Pinzas de campo



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Schädel
 9,0 cm/3½"

13943

gebogen
 curved
 courbes
 curvas

½



Jones

13941-5 5,5 cm/2¼"
13941 9,0 cm/3½"

½



Doyen

13985
 18,0 cm/7"

½



Peers

13964-14
 14,5 cm/5¾"

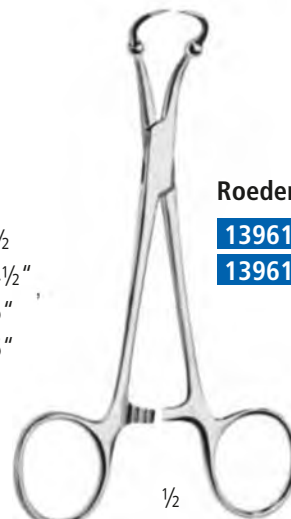
½



Backhaus

13957-9 9,0 cm/3½"
13957-11 11,0 cm/4½"
13957-13 13,0 cm/5"
13957-15 15,0 cm/6"

½



Roeder

13961-13 13,0 cm/5"
13961-15 15,0 cm/6"

½



Tuchklemmen
Towel Forceps
Pinces à champs
Pinzas de campo

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Bernhard
13962
 16,0 cm/6¼"

½



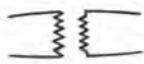
Lane
13978-20
 20,0 cm/8"

½



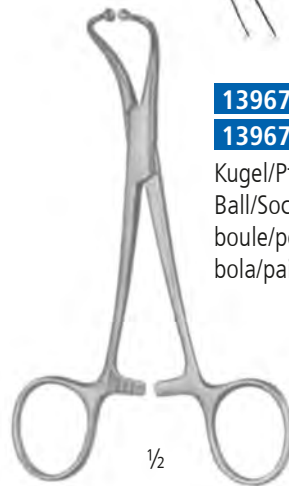
Lorna
13965-10 10,0 cm/4"
13965-13 13,0 cm/5"

½



Ombredanne
13966-13
 13,5 cm/5½"

½



13967-11 11,0 cm/4½"
13967-13 13,0 cm/5"
 Kugel/Pfanne
 Ball/Socket
 boule/poêle
 bola/paila

½



13968-11 11,0 cm/4½"
13968-13 13,0 cm/5"
 Kugel/Kugel
 Ball/Ball
 boule/boule
 bola/bola

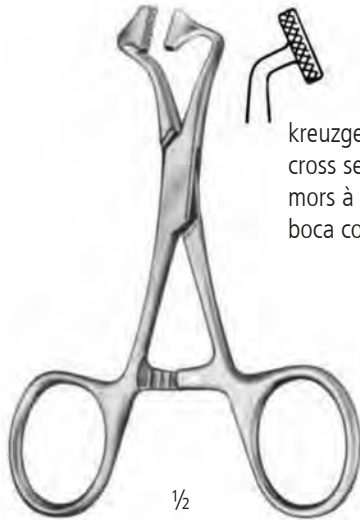
Tuchklemmen
Towel Forceps
Pinces à champs
Pinzas de campo

Schlauchklemmen
Tubing Clamps
Pinces presse-tube
Pinzas para tubos

Sterilisierklammern
Safety Pins
Porte-pinces
Porta-instrumentos

Tuchklemmen. Towel Forceps
 Pinces à champs, Pinzas de campo

Sterilisierklammern, Safety Pins
 Porte-pinces, Porta-instrumentos



kreuzgerieft
 cross serrated
 mors à rainures croisées
 boca con estrias cruzadas

Thomas

13969-10 10,0 cm/4"
13969-13 13,0 cm/5"



Bunt

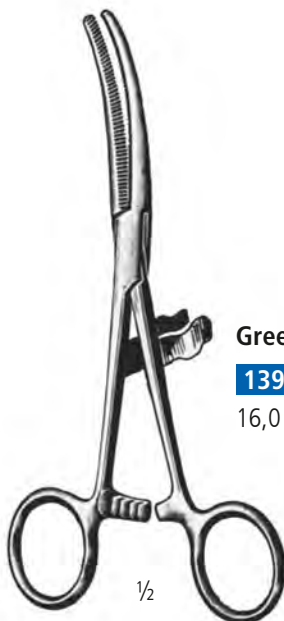
13996
 12,0 cm/4¾"



13998

13,0 cm/5"

Schlauchklemmen, Tubing Clamps, Pinces presse-tube, Pinzas para tubos



Green

13975-16
 16,0 cm/6¼"



Presbyterian
 16,0 cm/6½"

13978-16

glatt
 smooth
 mousse
 lisse





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Schlauchklemmen
Tubing Clamps
Pinces presse-tube
Pinzas para tubos



1/2

13970-16

16,0 cm/6"

13970-18

18,0 cm/7"

13970-20

20,0 cm/8"

ohne U
without guard
sans protection
sin protecció



1/2

mit U
with guard
avec protection
con protecció

13971-16

16,0 cm/6"

13971-18

18,0 cm/7"

13971-20

20,0 cm/8"

Tupferzangen
Cotton Swab Forceps
Pinces à tampons
Pinzas para tampones

Korn-(Polypen-) zangen
Polypus and Dressing Forceps
Pinces à pansements et à polypes
Pinzas para pólipos y vendajes

Korn-(Polypen-) zangen, Polypus and Dressing Forceps
 Pinces à pansements et à polypes, Pinzas para pólipos y vendajes



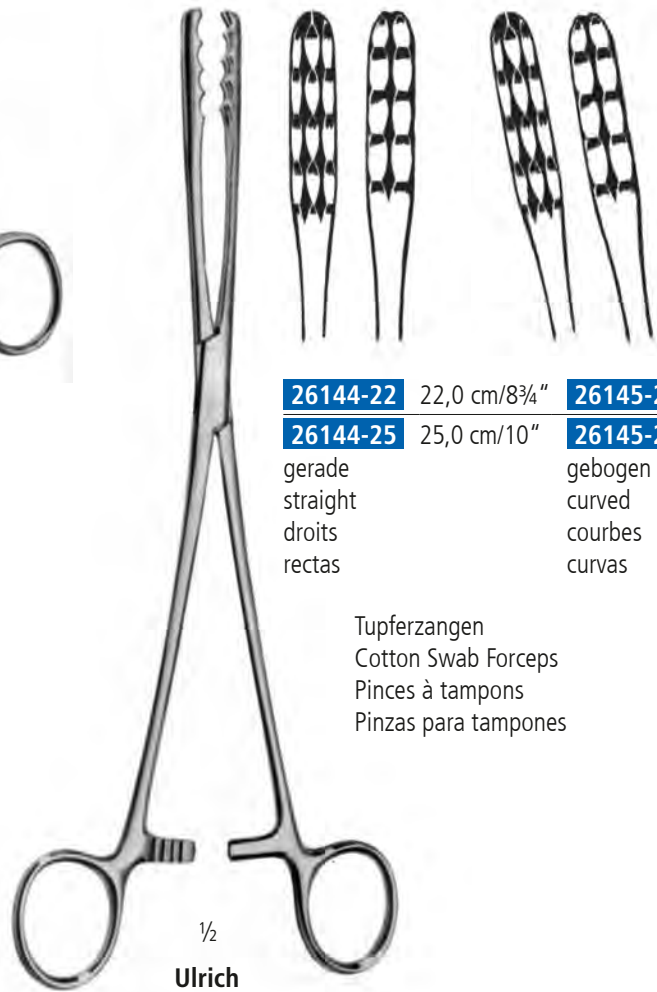
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21026-20
 gerade straight
 droits, rectas



Gross
 20,0 cm/8"
21027-20
 gebogen curved
 courbes curvas



26144-22 22,0 cm/8¾" **26145-22**
26144-25 25,0 cm/10" **26145-25**
 gerade straight
 droits rectas
 gebogen curved
 courbes curvas

Tupferzangen
 Cotton Swab Forceps
 Pinces à tampons
 Pinzas para tampones



Lister
 Sinusklemmen
 Sinus Forceps
 Pinces à sinus
 Pinzas para seno
26140-13 13,0 cm/5"
26140-16 16,0 cm/6¼"
26140-18 18,0 cm/7"

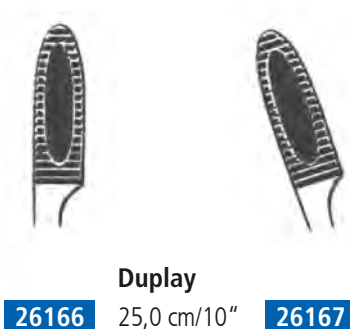
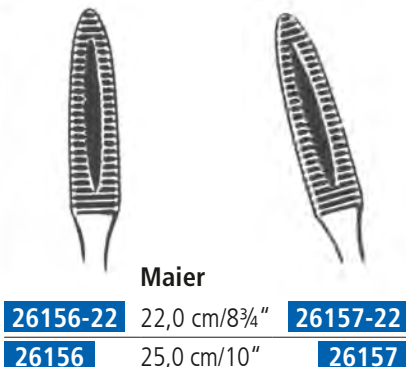


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Korn-(Polypen-) zangen
Polypus and Dressing Forceps
Pinces à pansements et à polypes
Pinzas para póipos y vendajes

Tupferzangen
Cotton Swab Forceps
Pinces à tampons
Pinzas para tampones

Korn-(Polypen-) zangen, Polypus and Dressing Forceps, Pinces à pansements et à polypes, Pinzas para póipos y vendajes



Tupferzange
Cotton Swab Forceps
Pinces à tampon
Pinzas para tampone



Bozemann

26257
26,0 cm/10 ¹ / ₄ "

Tupferzangen
Cotton Swab Forceps
Pinces à tampons
Pinzas para tampones

Schwammzangen
Sponge Holding Forceps
Pinces à éponges
Pinzas porta-esponjas



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Tupferzangen
 Cotton Swab Forceps
 Pinces à tampons
 Pinzas para tampones

Collin
 25,0 cm/10"

26194

Cheron
 25,0 cm/10"

26190

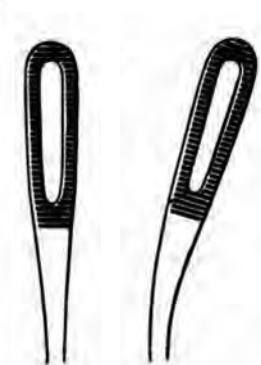


1/2



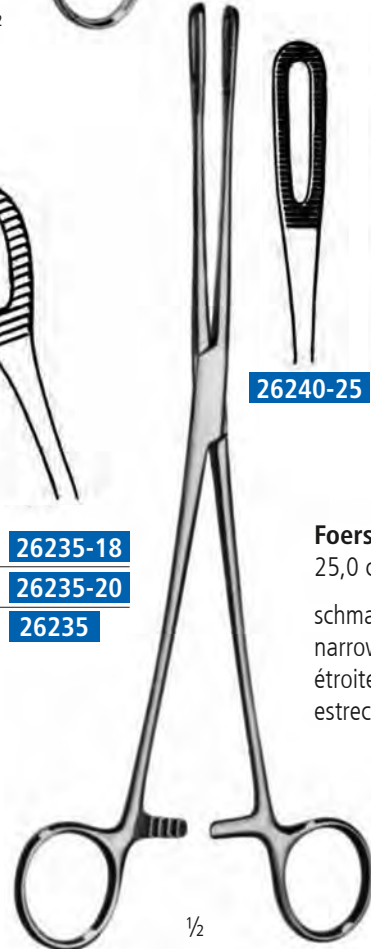
Foerster

26232-18	26233-18	18,0 cm/7"	26234-18	26235-18
26232-20	26233-20	20,0 cm/8"	26234-20	26235-20
26232	26233	25,0 cm/10"	26234	26235



26240-25

26241-25



1/2

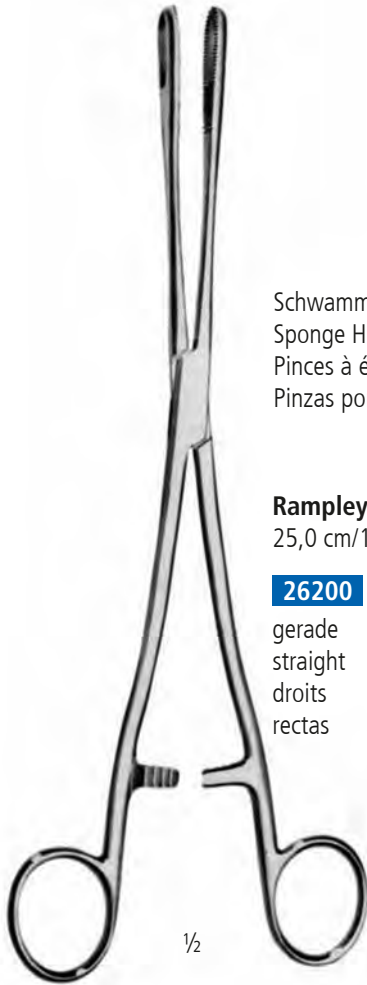
Foerster
 25,0 cm/10"
 schmal
 narrow
 étroite
 estrecha



SCHWERT
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Schwammzangen
Sponge Holding Forceps
Pinces à éponges
Pinzas porta-esponjas

Sterilisierzangen
Sterilizing Forceps
Pinces à stérilisation
Pinzas para esterilización



1/2

Schwammzangen
Sponge Holding Forceps
Pinces à éponges
Pinzas porta-esponjas

Rampley
25,0 cm/10"

26200
gerade
straight
droits
rectas

26201
gebogen
curved
courbes
curvas



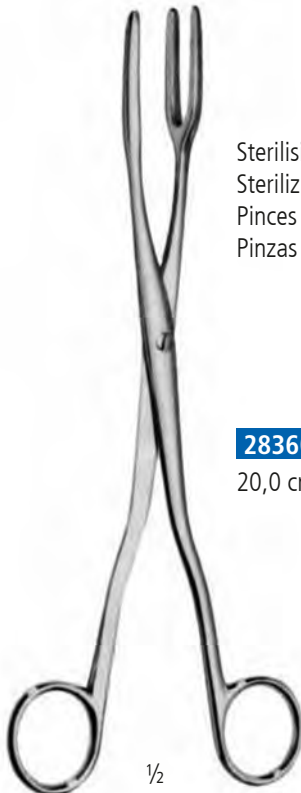
1/2

Davis
Sterilisierpinzette
Sterilizing Forceps
Pinces à stérilisation
Pinzas para esterilización

28351-16 16,0 cm/6¼"

28351-20 20,0 cm/8"

28351-24 24,0 cm/9½"



1/2

Sterilisierzangen
Sterilizing Forceps
Pinces à stérilisation
Pinzas para esterilización

28360-20
20,0 cm/8"



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Knochenchirurgie-Instrumente

Bone Surgery Instruments

Instrumentation pour la Chirurgie Osseuse

Instrumental para la cirugía ósea





SCHWERT
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Amputations- und Resektionssägen Amputating and Resection Saws Scies à amputation et à resection Sierras para amputación y resección



Charrière

13238-35

35,0 cm/14"

Ersatzsägeblatt
Spare saw blade
Lame scie de rechange
Hoja de sierra de repuesto

13238-12 12 mm

13238-15 15 mm

13238-18 18 mm



Satterlee

13222

29,0 cm/11½"

Ersatzsägeblatt
Spare saw blade
Lame scie de rechange
Hoja de sierra de repuesto

13222-1



Langenbeck

13214

23,0 cm/9"



Charrière

13218-27 27,0 cm/10½"

13218-30 30,0 cm/12"

Ersatzsägeblatt
Spare saw blade
Lame scie de rechange
Hoja de sierra de repuesto

13218-115 15 mm

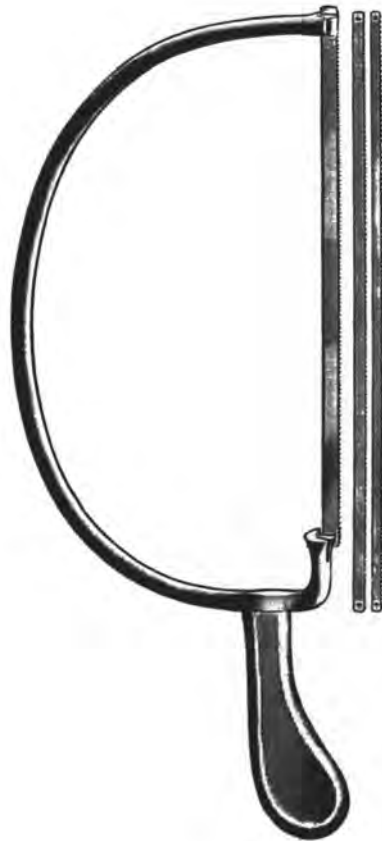
13218-120 20 mm

Amputationsretractor
Amputating Retractor
Retracteur à amputation
Retractor para amputación

Amputations- und Resektionssägen
Amputating and Resection Saws
Scies à amputation et à resection
Sierras para amputación y resección



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Helferich-Bier

13242

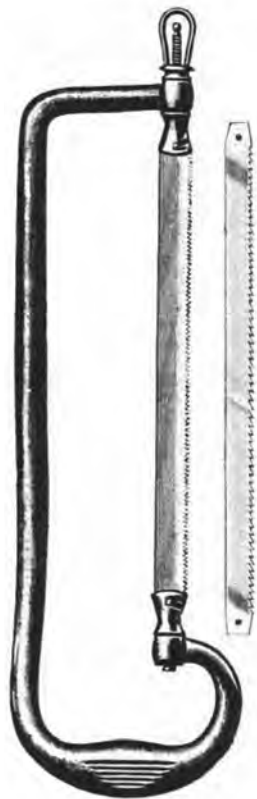
39,0 cm/15½"

Ersatzsägeblatt
 Spare saw blade
 Lame scie de rechange
 Hoja de sierra de repuesto

13242-5 5 mm

13242-6 6 mm

13242-8 8 mm



Rust

13232

24,0 cm/9½"

komplett mit je 1 Sägeblatt
 12 und 18 mm
 complete with saw blade
 12 and 18 mm
 complet avec lame de scie
 12 et 18 mm
 completo con hoja de sierra
 12 y 18 mm

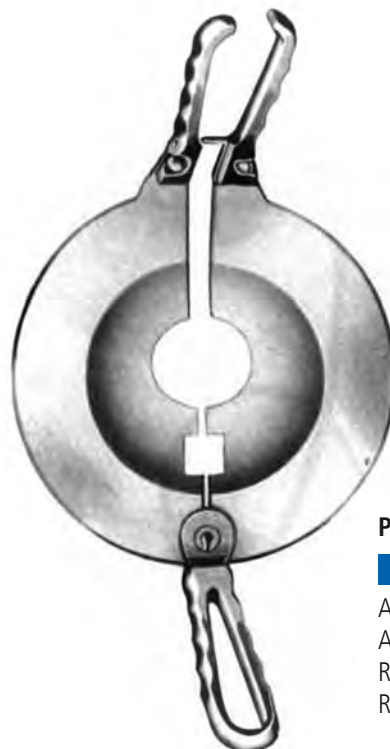
Ersatzsägeblatt
 Spare saw blade
 Lame scie de rechange
 Hoja de sierra de repuesto

13232-6 6 mm

13232-8 8 mm

13232-15 15 mm

13232-18 18 mm



Percy

13197

Amputations-Retraktor
 Amputating retractor
 Retracteur à amputation
 Retractor para amputación



Bohrinstrumente
Bone Drills
Instruments à perferer
Instrumental para perforar

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Bohrer-, Führungs- und Gefäß-Schutzzange
Drill guide and vascular protecting forceps
Pince de protection des forets, des guides et des vaisseaux
Alicates de perforación, guía y protección de recipientes

Adson

14178

15,0 cm/6"

Schraubendreher
Srew Drivers
Tourne-vis
Destornilladores



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14325-25 2,5 mm
14325-35 3,5 mm



Lane
14331
25,0 cm/10"



14332
25,0 cm/10"



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**Flachzangen
Flat Nose Pliers
Pinces plates
Alicates planos**



17,0 cm/6¾"



Fig. 1

14123-1

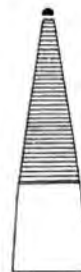


Fig. 2

14123-2



14124
19,0 cm/7½"



14125
14,0 cm/5½"

spitz
sharp
pointu
agudo



14130
14,0 cm/5½"

stumpf
blunt
mousse
romo

Drahtzangen
Wire Cutting Pliers
Pinces à fils
Alicates para cortar alambre



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18,0 cm/7"

Fig. 1
14126-2



Fig. 2
14126-5



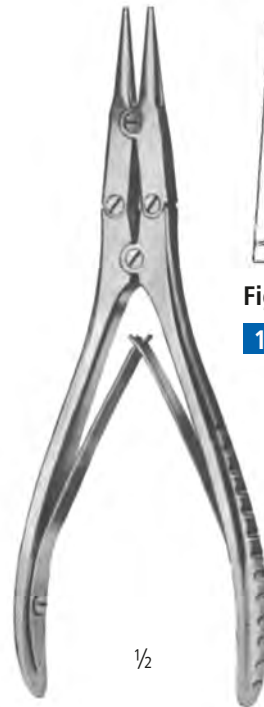
Fig. 3
14126-7



Fig. 4
14128



Flachzangen
 Flat Nose Pliers
 Pinces plates
 Alicates planos



18,0 cm/7"



14152
 16,0 cm/6¼"

Kopfschneider
 Wire cutting pliers
 Pinces à couper le fil
 Alicates para cortar alambre



14160-15
 15,0 cm/6"

Kopfschneider
 Wire cutting pliers
 Pinces à couper le fil
 Alicates para cortar alambre

für harten Draht bis 1,5 mm
 for hard wire up to 1,5 mm
 pour fils durs jusqu'à 1,5 mm
 para hilos duros hasta 1,5 mm



SCHWERT
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Drahtzangen Wire Cutting Pliers Pincès à fils Alicates para cortar alambre



Seitenschneider
Lateral wire cutter
Pince à couper le fil à tranchant latéral
Alicates para cortar alambre con corte lateral

14161-23

23,0 cm/9"

für harten Draht bis 2,2 mm
for hard wire up to 2,2 mm
pour fils durs jusqu'à 2,2 mm
para hilos duros hasta 2,2 mm



Kopfschneider
Frontal wire cutting pliers
Pince à couper le fil à tranchant frontal
Alicates para cortar alambre con corte frontal

14162-21

21,0 cm/8¼"

für harten Draht bis 2,5 mm
for hard wire up to 2,5 mm
pour fils durs jusqu'à 2,5 mm
para hilos duros hasta 2,5 mm



Bolzenschneider
Wire cutting pliers
Pince à couper le fil
Alicates para cortar alambre

14164-45

45,0 cm/18"

14164-56

56,0 cm/22½"

für Draht bis	6 mm	7,5 mm
for wire up to	6 mm	7,5 mm
pour fils jusqu'à	6 mm	7,5 mm
para hilos hasta	6 mm	7,5 mm

14164-1

Ersatzbacken Satz
Set of cutting parts
Jeu de coupantes seules
Juego de mandíbulas de repuesto

Meissel und Osteotome Bone Chisels and Gouges Ciseaux-burins, Gouges Cinceles, Gubias



SCHWERT
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EPEE · SPADA

Osteotome
Osteotomes
Osteotomos



13,5 cm/5¼"

- 14640-A3** 3 mm
- 14640-A4** 4 mm
- 14640-A5** 5 mm
- 14640-A6** 6 mm
- 14640-A8** 8 mm
- 14640-A10** 10 mm
- 14640-A12** 12 mm
- 14640-A14** 14 mm
- 14640-A16** 16 mm

Flachmeissel
Bone chisels
Ciseaux-burins
Cinceles



13,5 cm/5¼"

- 14640-B4** 4 mm
- 14640-B6** 6 mm
- 14640-B8** 8 mm
- 14640-B10** 10 mm
- 14640-B12** 12 mm
- 14640-B14** 14 mm
- 14640-B16** 16 mm

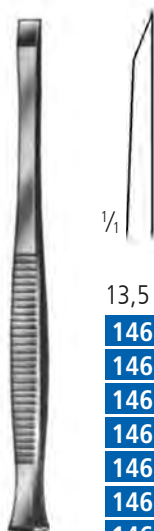
Hohlmeissel
Gouges
Gouges
Gubias



13,5 cm/5¼"

- 14641-3** 3 mm
- 14641-4** 4 mm
- 14641-5** 5 mm
- 14641-6** 6 mm
- 14641-8** 8 mm
- 14641-10** 10 mm
- 14641-12** 12 mm
- 14641-14** 14 mm
- 14641-16** 16 mm

Flachmeissel
Bone chisels
Ciseaux-burins
Cinceles



13,5 cm/5¼"

- 14652-2** 2 mm
- 14652-3** 3 mm
- 14652-4** 4 mm
- 14652-5** 5 mm
- 14652-6** 6 mm
- 14652-7** 7 mm
- 14652-8** 8 mm

Partsch

Hohlmeissel
Gouges
Gouges
Gubias



17,0 cm/6¾"

- 14654-2** 2 mm
- 14654-3** 3 mm
- 14654-4** 4 mm
- 14654-5** 5 mm
- 14654-6** 6 mm
- 14654-7** 7 mm
- 14654-8** 8 mm

Partsch

13,5 cm/5¼"

- 14653-2** 2 mm
- 14653-3** 3 mm
- 14653-4** 4 mm
- 14653-5** 5 mm
- 14653-6** 6 mm
- 14653-7** 7 mm
- 14653-8** 8 mm



17,0 cm/6¾"

- 14655-2** 2 mm
- 14655-3** 3 mm
- 14655-4** 4 mm
- 14655-5** 5 mm
- 14655-6** 6 mm
- 14655-7** 7 mm
- 14655-8** 8 mm



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Meissel und Osteotome Bone Chisels and Gouges Ciseaux-burins, Gouges Cinceles, Gubias



Flachmeissel
Bone chisels
Ciseaux-burins
Cinceles

1/2

Alexander

18,0 cm/7"

14668-4	4 mm
14668-6	6 mm
14668-8	8 mm
14668-10	10 mm
14668-12	12 mm
14668-14	14 mm



Hohlmeissel
Gouges
Gouges
Gubias

1/2

Alexander

18,0 cm/7"

14669-4	4 mm
14669-6	6 mm
14669-8	8 mm
14669-10	10 mm
14669-12	12 mm
14669-14	14 mm



1/2

Mini-Lambotte



1/1

12,5 cm/5"

14684-3	3 mm
14684-4	4 mm
14684-6	6 mm
14684-8	8 mm
14684-10	10 mm
14684-12	12 mm
14684-15	15 mm

Osteotome
Osteotomes
Osteotomes
Osteotomos



1/1

17,0 cm/6 3/4"

14685-3	3 mm
14685-4	4 mm
14685-6	6 mm
14685-8	8 mm
14685-10	10 mm
14685-12	12 mm
14685-15	15 mm

Osteotome
Osteotomes
Osteotomes
Osteotomos

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



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Osteotome, gerade
 Osteotomes, straight
 Osteotomes, droits
 Osteotomos, rectos

24,0 cm/9½"

- 14688-8** 8 mm
- 14688-10** 10 mm
- 14688-13** 13 mm
- 14688-15** 15 mm
- 14688-20** 19 mm
- 14688-25** 25 mm
- 14688-30** 32 mm
- 14688-38** 38 mm

½

Lambotte



Osteotome, gebogen
 Osteotomes, curved
 Osteotomes, courbes
 Osteotomos, curvos

23,0 cm/9"

- 14689-8** 8 mm
- 14689-10** 10 mm
- 14689-13** 13 mm
- 14689-15** 15 mm
- 14689-20** 19 mm
- 14689-25** 25 mm
- 14689-30** 32 mm
- 14689-38** 38 mm

½

Lambotte



Flachmeissel
 Bone chisels
 Ciseaux-burins
 Cinceles

16,0 cm/6¼"

- 14658-4** 4 mm
- 14658-6** 6 mm

½

Lucas



Hohlmeissel
 Gouges
 Gouges
 Gubias

16,0 cm/6¼"

- 14659-3** 3 mm
- 14659-5** 5 mm

½

Lucas



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Meissel und Osteotome Bone Chisels and Gouges Ciseaux-burins, Gouges Cinceles, Gubias



Osteotome, gerade
Osteotomes, straight
Osteotomes, droits
Osteotomos, rectos

16,0 cm/6 1/4"

14666-4	4 mm
14666-6	6 mm
14666-8	8 mm
14666-10	10 mm
14666-12	12 mm
14666-15	15 mm

Stille



Hohlmeissel
Gouges
Gouges
Gubias

16,0 cm/6 1/4"

14667-6	6 mm
14667-8	8 mm
14667-10	10 mm
14667-12	12 mm
14667-15	15 mm

Stille



Osteotome, gebogen
Osteotomes, curved
Osteotomes, courbes
Osteotomos, curvos

20,0 cm/8"

14663-10	10 mm
14663-15	15 mm
14663-20	20 mm
14663-25	25 mm

Stille



Flachmeissel
Bone chisels
Ciseaux-burins
Cinceles

20,0 cm/8"

14662-6	6 mm
14662-8	8 mm
14662-10	10 mm
14662-12	12 mm
14662-15	15 mm
14662-20	20 mm
14662-25	25 mm
14662-30	30 mm

Stille

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



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Osteotome, gerade
Osteotomes, straight
Osteotomes, droits
Osteotomos, rectos

20,0 cm/8"

14660-6	6 mm
14660-8	8 mm
14660-10	10 mm
14660-12	12 mm
14660-15	15 mm
14660-20	20 mm
14660-25	25 mm
14660-30	30 mm

Stille



Hohlmeissel
Gouges
Gouges
Gubias

20,0 cm/8"

14665-6	6 mm
14665-8	8 mm
14665-10	10 mm
14665-12	12 mm
14665-15	15 mm
14665-20	20 mm
14665-25	25 mm
14665-30	30 mm

Stille



Osteotome, gerade
Osteotomes, straight
Osteotomes, droits
Osteotomos, rectos

20,0 cm/8"

14704-6	6 mm
14704-9	9 mm
14704-13	13 mm
14704-16	16 mm
14704-19	19 mm
14704-25	25 mm
14704-32	32 mm

Smith-Petersen



Osteotome, gebogen
Osteotomes, curved
Osteotomes, courbes
Osteotomos, curvos

20,0 cm/8"

14705-6	6 mm
14705-9	9 mm
14705-13	13 mm
14705-16	16 mm
14705-19	19 mm
14705-25	25 mm
14705-32	32 mm

Smith-Petersen



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Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



Hohlmeissel, gerade
Gouges, straight
Gouges, droits
Gubias, rectos

20,0 cm/8"

- 14706-6** 6 mm
- 14706-9** 9 mm
- 14706-13** 13 mm
- 14706-16** 16 mm
- 14706-19** 19 mm
- 14706-25** 25 mm
- 14706-32** 32 mm

Smith-Petersen

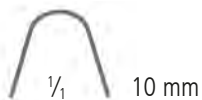


Hohlmeissel, gebogen
Gouges, curved
Gouges, courbes
Gubias, curvos

20,0 cm/8"

- 14707-6** 6 mm
- 14707-9** 9 mm
- 14707-13** 13 mm
- 14707-16** 16 mm
- 14707-19** 19 mm
- 14707-25** 25 mm
- 14707-32** 32 mm

Smith-Petersen

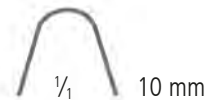


Hohlmeissel, gerade
Gouges, straight
Gouges, droits
Gubias, rectos

25,0 cm/10"

- 14702-10** 10 mm

Lexer



Hohlmeissel, gebogen
Gouges, curved
Gouges, courbes
Gubias, curvos

25,0 cm/10"

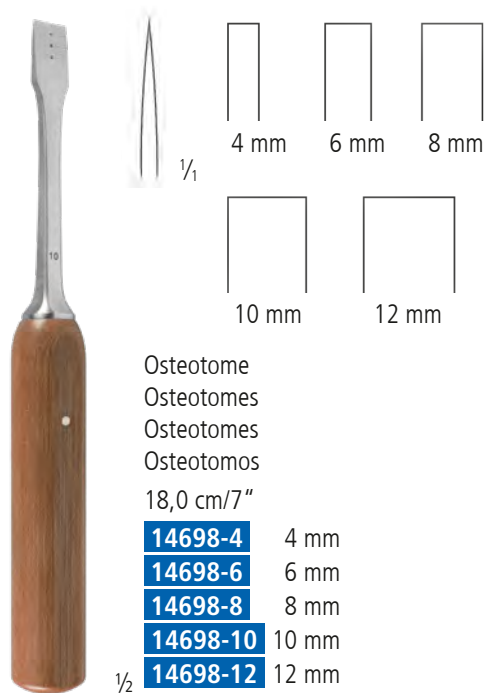
- 14703-10** 10 mm

Lexer

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



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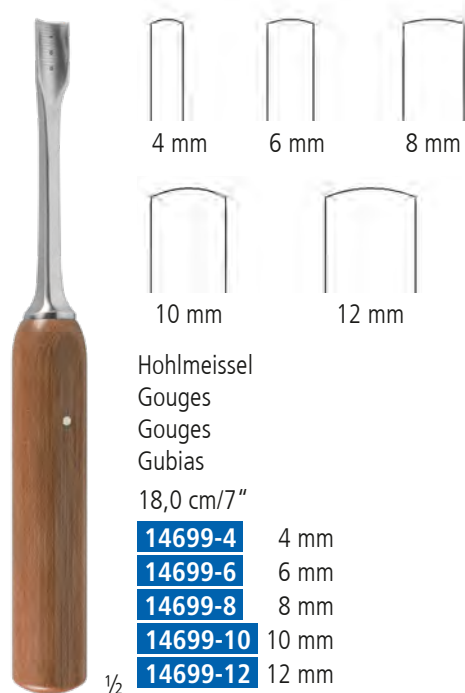


Osteotome
 Osteotomes
 Osteotomes
 Osteotomos

18,0 cm/7"

- 14698-4** 4 mm
- 14698-6** 6 mm
- 14698-8** 8 mm
- 14698-10** 10 mm
- 14698-12** 12 mm

Mini-Lexer



Hohlmeissel
 Gouges
 Gouges
 Gubias

18,0 cm/7"

- 14699-4** 4 mm
- 14699-6** 6 mm
- 14699-8** 8 mm
- 14699-10** 10 mm
- 14699-12** 12 mm

Mini-Lexer

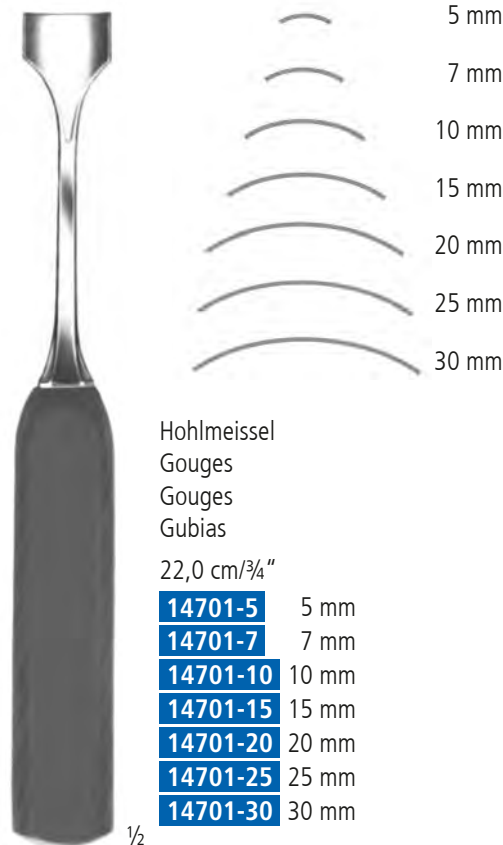


Osteotome
 Osteotomes
 Osteotomes
 Osteotomos

22,0 cm^{3/4}"

- 14700-5** 5 mm
- 14700-7** 7 mm
- 14700-10** 10 mm
- 14700-15** 15 mm
- 14700-20** 20 mm
- 14700-25** 25 mm
- 14700-30** 30 mm

Lexer



Hohlmeissel
 Gouges
 Gouges
 Gubias

22,0 cm^{3/4}"

- 14701-5** 5 mm
- 14701-7** 7 mm
- 14701-10** 10 mm
- 14701-15** 15 mm
- 14701-20** 20 mm
- 14701-25** 25 mm
- 14701-30** 30 mm

Lexer



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Meissel und Osteotome Bone Chisels and Gouges Ciseaux-burins, Gouges Cinceles, Gubias

Osteotome, gerade
Osteotomes, straight
Osteotomes, droits
Osteotomos, rectos



14,0 cm/4 3/4"

- 14710-3** 3 mm
- 14710-5** 5 mm
- 14710-6** 6 mm
- 14710-8** 8 mm
- 14710-9** 9 mm

Hoke

Osteotome, gerade
Osteotomes, straight
Osteotomes, droits
Osteotomos, rectos



24,0 cm/9 1/2"

- 14676-6** 6 mm
- 14676-13** 13 mm
- 14676-19** 19 mm
- 14676-25** 25 mm
- 14676-32** 32 mm

Hibbs

Flachmeissel, gerade
Bone chisels, straight
Ciseaux-burins, droits
Cinceles, rectos



24,0 cm/9 1/2"

- 14677-6** 6 mm
- 14677-13** 13 mm
- 14677-19** 19 mm
- 14677-25** 25 mm
- 14677-32** 32 mm

Hibbs

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



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Osteotome
 Osteotomes
 Osteotomos



24,0 cm/9½"

14678-6	6 mm
14678-13	13 mm
14678-19	19 mm
14678-25	25 mm
14678-32	32 mm

Hibbs

Hohlmeissel
 Gouges
 Gouges
 Gubias



24,0 cm/9½"

14679-6	6 mm
14679-13	13 mm
14679-19	19 mm
14679-25	25 mm
14679-32	32 mm

Hibbs

Hohlmeissel
 Gouges
 Gouges
 Gubias



24,0 cm/9½"

14680-6	6 mm
14680-13	13 mm
14680-19	19 mm
14680-25	25 mm
14680-32	32 mm

Hibbs





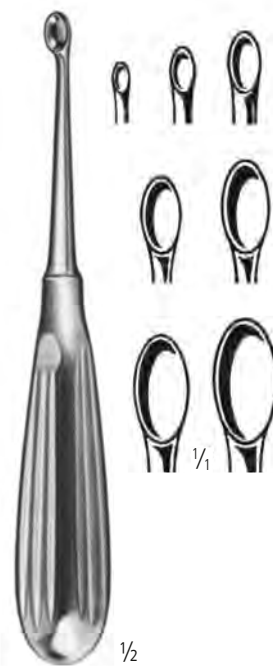
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Scharfe Löffel
Bone Curettes
Curettes tranchantes
Cucharillas cortantes



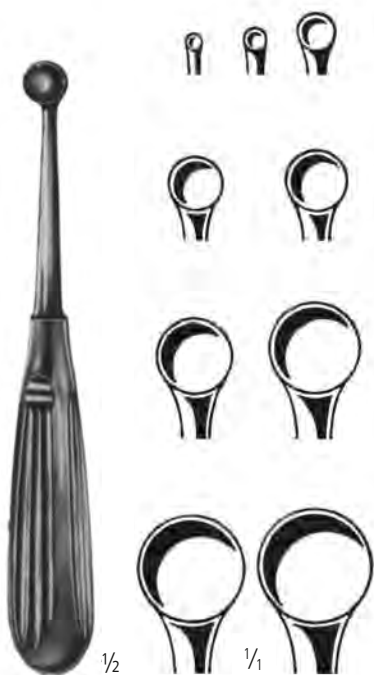
Volkmann
17,0 cm/6¾"

	Fig.	mm
14795-40	0000	3,0
14795-30	000	4,0
14795-20	00	5,0
14795-10	0	6,0
14795-1	1	7,0
14795-2	2	8,0
14795-3	3	10,0
14795-4	4	11,6
14795-5	5	12,6
14795-6	6	13,6



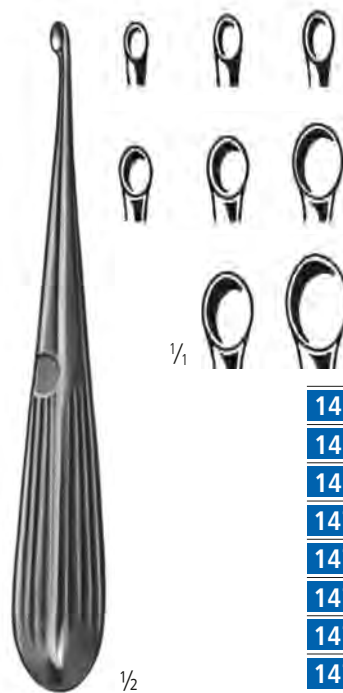
Schede
17,0 cm/6¾"

	Fig.	mm
14796-30	000	3,0
14796-20	00	4,0
14796-10	0	5,0
14796-1	1	6,0
14796-2	2	6,5
14796-3	3	7,7
14796-4	4	8,5



Bruns
17,0 cm/6¾"

	Fig.	mm
14794-30	000	3,0
14794-20	00	4,0
14794-10	0	5,0
14794-1	1	6,0
14794-2	2	8,0
14794-3	3	10,0
14794-4	4	12,0
14794-5	5	13,0
14794-6	6	14,0



Spratt
17,0 cm/6¾"

	Fig.	mm
14793-30	000	3,0
14793-20	00	4,0
14793-10	0	4,5
14793-1	1	5,0
14793-2	2	6,0
14793-3	3	7,0
14793-4	4	8,5
14793-5	5	9,5

Scharfe Löffel
Bone Curettes
Curettes tranchantes
Cucharillas cortantes



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	Fig.	mm
14786-20	00	2,0
14786-10	0	2,5
14786-1	1	3,5
14786-2	2	5,0

Williger
17,0 cm/6¾"



	Fig.	mm
14791-30	000	2,0
14791-20	00	2,5
14791-10	0	3,3
14791-1	1	3,8
14791-2	2	4,8
14791-3	3	5,5
14791-4	4	6,0
14791-5	5	6,7
14791-6	6	7,3

Bruns
23,0 cm/9"



Volkmann
14778-13
—
14778-17

Volkmann
14780-13
—
14780-20

Länge Length Longueur Largo	oval/oval oval/oval ovale/ovale ovalada/ovalada	oval/rund oval/round ovale/ronde ovalada/redonda
13,0 cm/5"	14778-13 7,5/6,3 mm	14780-13 6,3/6,8 mm
14,5 cm/5¾"	14778-14 6,8/5,8 mm	
16,0 cm/6¼"		14780-16 7,0/9,0 mm
17,0 cm/6¾"	14778-17 6,8/7,3 mm	
20,0 cm/8"		14780-20 9,1/11,1 mm



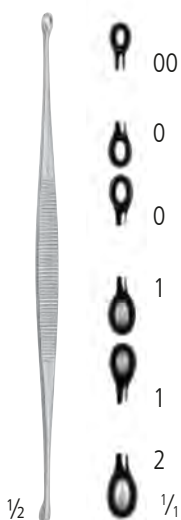
Scharfe Löffel
 Bone Currettes
 Curettes tranchantes
 Cucharillas cortantes

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14767

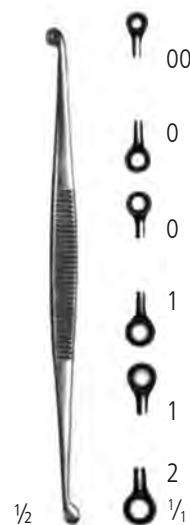
21,0 cm/8¼"



Williger

13,5 cm/5¼"

	Fig.
14762-20	0/00
14762-10	0/1
14762-1	1/2



Martini

13,5 cm/5¼"

	Fig.
14760-20	0/00
14760-10	0/1
14760-1	1/2

Scharfe Löffel
Bone Curettes
Curettes tranchantes
Cucharillas cortantes

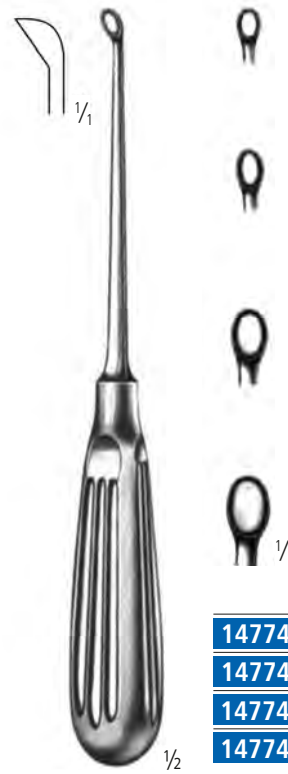


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Simon
24,0 cm/9½"

	Fig.	mm
14770-1	1	2,2
14770-2	2	2,8
14770-3	3	3,3
14770-4	4	3,7
14770-5	5	4,5
14770-6	6	4,8



Daubenspeck
20,0 cm/8"

	Fig.	mm
14774-20	00	2,8
14774-10	0	3,8
14774-1	1	5,0
14774-2	2	6,0



25,0 cm/10"

	Fig.	mm
14775-30	000	3,6
14775-20	00	4,4
14775-10	0	5,2
14775-1	1	6,0



25,0 cm/10"

	Fig.	mm
14776-30	000	3,6
14776-20	00	4,4
14776-10	0	5,2
14776-1	1	6,0



Scharfe Löffel
Bone Currettes
Curettes tranchantes
Cucharillas cortantes

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	Fig.	mm
14785-0	0	5,0
14785-1	1	6,0
14785-2	2	6,7
14785-3	3	7,0
14785-4	4	8,5

Volkmann
 27,0 cm/10³/₄"



biegsam
flexible
malléable
maleable



	Fig.	mm
14799-1	1	4,8
14799-2	2	5,8
14799-3	3	6,8

Halle
 21,0 cm/8¹/₄"



	Fig.	mm
14798-50	1	1,7
14798-40	2	2,0
14798-30	3	2,4
14798-20	4	2,7
14798-10	5	3,0

Lempert
 21,5 cm/8¹/₂"

Scharfe Löffel
Bone Curettes
Curettes tranchantes
Cucharillas cortantes



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gerade
straight
droits
rectas

Spinal
20,0 cm/8"

Spratt
23,0 cm/9"



gebogen
curved
courbes
curvas

Spinal
20,0 cm/8"

Spratt
23,0 cm/9"

gerade straight droits rectas Fig.										
	20,0 cm/8"	14751-30	14751-20	14751-10	14751-1	14751-2	14751-3	14751-4	14751-5	14751-6
	23,0 cm/9"	14752-30	14752-20	14752-10	14752-1	14752-2	14752-3	14752-4	14752-5	14752-6
gebogen curved courbes curvas Fig.										
	20,0 cm/8"	14753-30	14753-20	14753-10	14753-1	14753-2	14753-3	14753-4	14753-5	14753-6
	23,0 cm/9"	14754-30	14754-20	14754-10	14754-1	14754-2	14754-3	14754-4	14754-5	14754-6



SCHWERT
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Raspatorien
Periosteal Raspatories
Rugines-raspatoires
Legras-Periostótomos



Langenbeck

14840

19,0 cm/7½"



Langenbeck

14843

18,0 cm/7"



Sedillot

14854

18,0 cm/7"



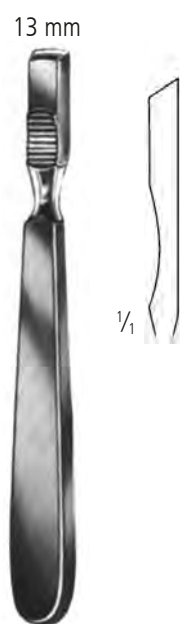
14856-1

14,0 cm/4½"



14856-2

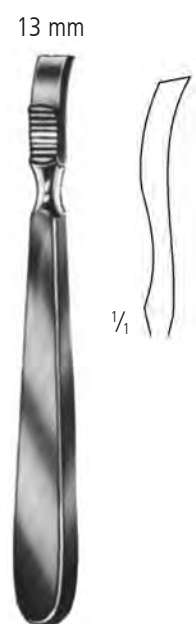
14,0 cm/4½"



Farabeuf

14832

15,0 cm/6"



Farabeuf

14833

15,0 cm/6"

Raspatorien
 Periosteal Raspatories
 Rugines-raspatoires
 Legras-Periostótomos



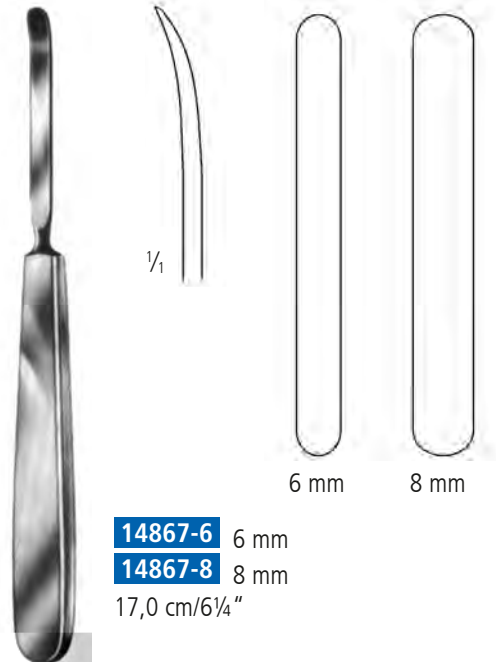
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10 mm
 15 mm
 20 mm
 25 mm

- 14865-10** 10 mm
- 14865-15** 15 mm
- 14865-20** 20 mm
- 14865-25** 25 mm

Lambotte
 21,0 cm/8¼"



- 14867-6** 6 mm
- 14867-8** 8 mm
- 17,0 cm/6¼"

6 mm 8 mm



5 mm

Williger

14801

13,0 cm/5"



6 mm

Williger

14800

16,0 cm/6¼"



Howarth

21427

21,5 cm/8½"



8 mm

14869-8



17 mm

14869-17



Wagner

33,0 cm/13"



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Raspatorien
Periosteal Raspatories
Rugines-raspatoires
Legras-Periostótomos



Alexander

14873

20,0 cm/8"



Matson

14874

22,0 cm/8¾"



6 mm
12 mm
19 mm
25 mm

leicht gebogen
slightly curved
courbe légèrement
curva ligeramente

14875-6

6 mm

14875-12

12 mm

14875-19

19 mm

14875-25

25 mm

Key

19,0 cm/7½"



14820-2



14821-2

rechts gebogen
curved to the right
courbe à droite
curva a la derecha

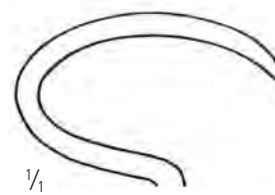


Doyen

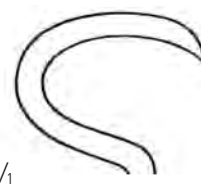
17,0 cm/6¾"

Doyen

17,0 cm/6¾"



14820-1



14821-1

links gebogen
curved to the left
courbe à gauche
curva a la izquierda

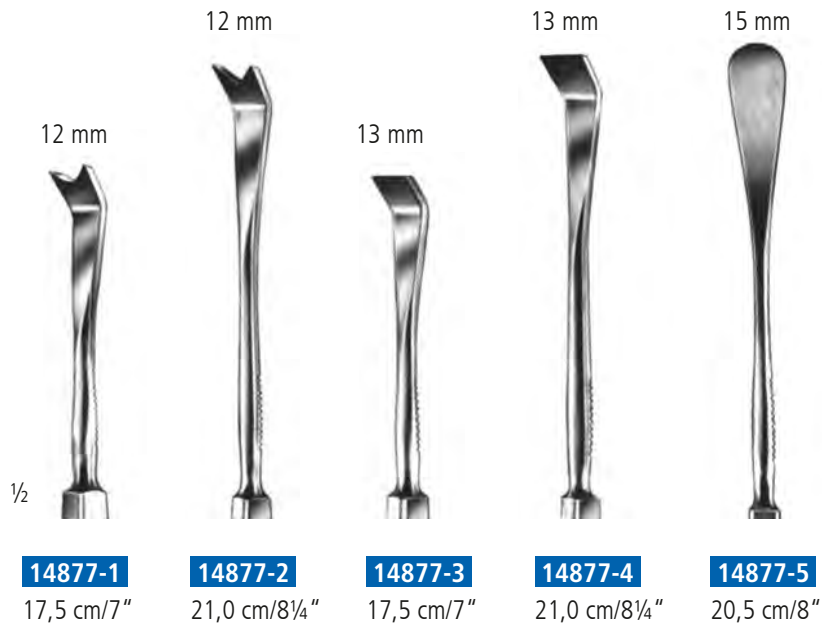
Raspatorien
 Periosteal Raspatories
 Rugines-raspatoires
 Legras-Periostótomos



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 SWORD · ESPADA
 EPEE · SPADA



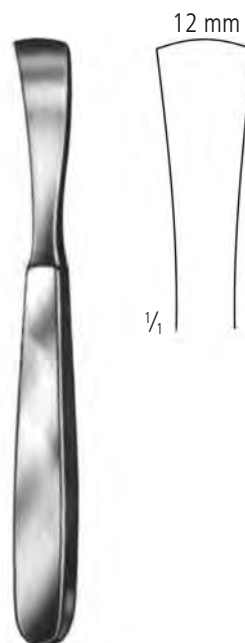
Semb



Hylin

14878

14,5 cm/6"



Jansen

14879

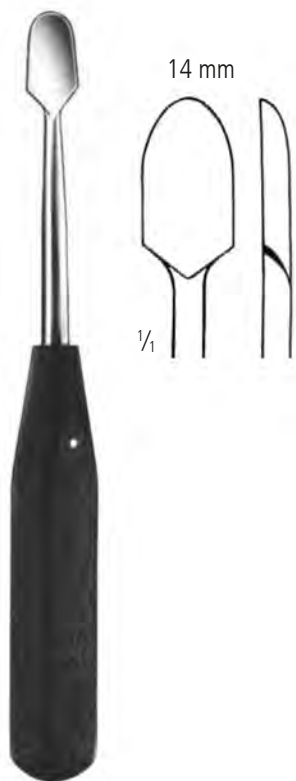
17,0 cm/6¾"



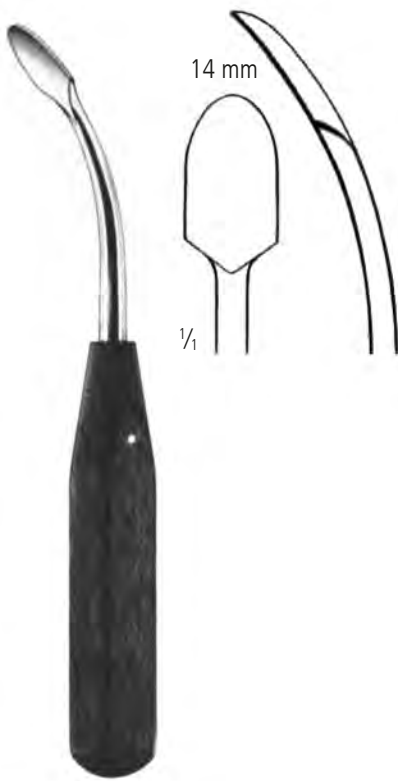


SCHWERT
SWORD - ESPADA
EPEE - SPADA

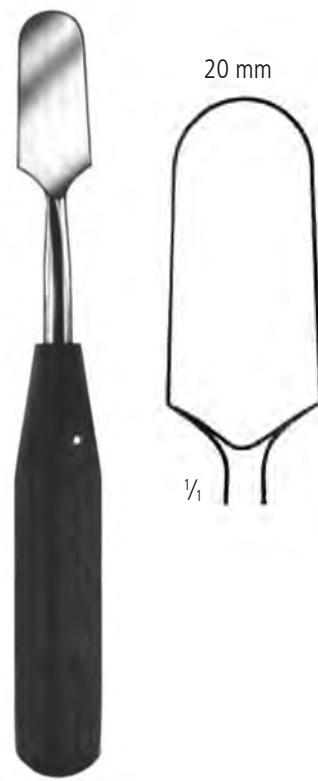
Raspatorien Periosteal Raspatories Rugines-raspatoires Legras-Periostótomos



14880-1
20,0 cm/8"



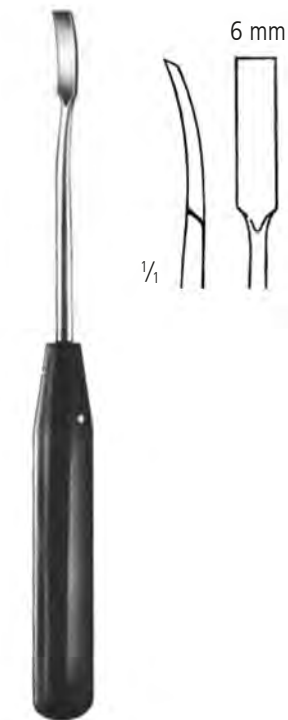
14880-2
20,0 cm/8"



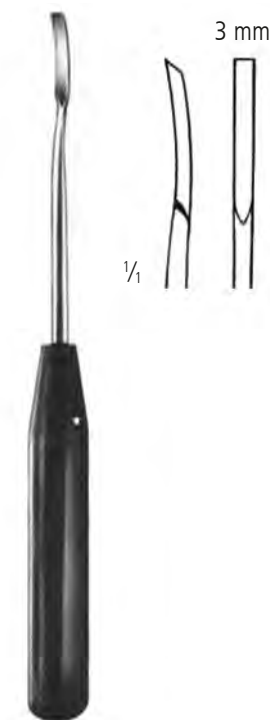
14880-3
20,0 cm/8"



14881-1
18,0 cm/7"



14881-2
18,0 cm/7"

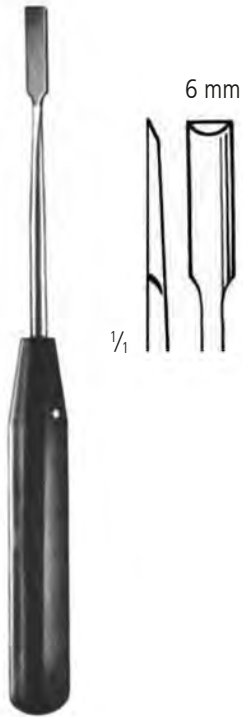


14881-3
18,0 cm/7"

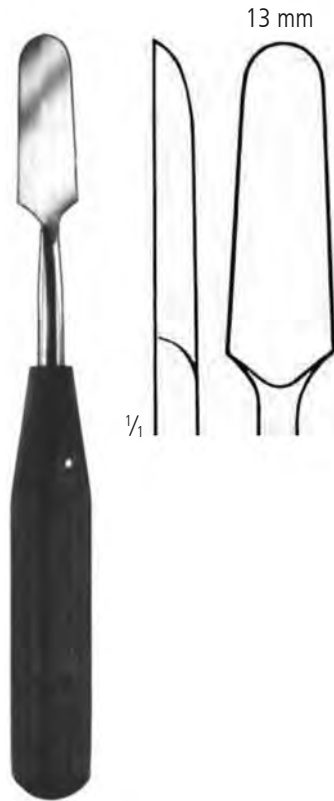
Raspatorien
 Periosteal Raspatories
 Rugines-raspatoires
 Legras-Periostótomos



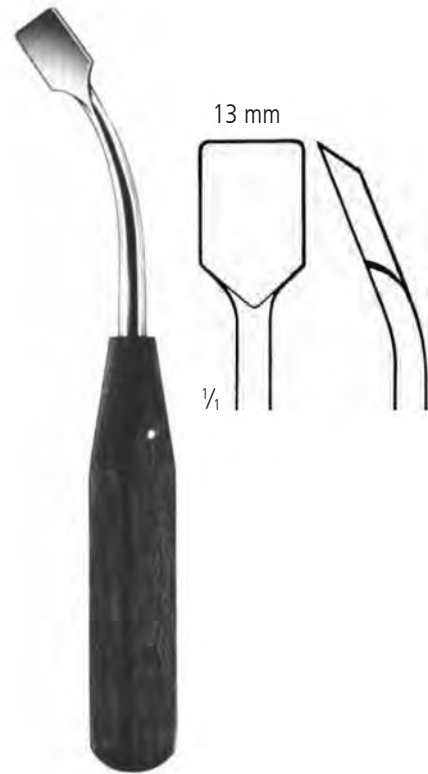
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 EPEE · SPADA



14882
 19,0 cm/7½"



14883
 18,0 cm/7"



14884
 18,5 cm/7¼"



Obwegeser
 17,5 cm/6¾"

- 14802-1** 6 mm
- 14802-2** 7 mm
- 14802-3** 6 mm
- 14802-4** 11 mm



Adson
 17,0 cm/6¾"



14804-1



14804-2



14804-3



14804-4





SCHWERT
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EPEE · SPADA

Elevatorien
Elevators
Élévateurs
Elevadores

Raspatorien
Periosteal Raspatories
Rugines-raspatoires
Legras-Periostótomos



Langenbeck

14920

20,0 cm/8"



Langenbeck

14921

20,0 cm/8"

5 mm



Williger

14922

16,0 cm/6¼"

6,5 mm



Williger

14923

17,0 cm/6¾"

6 mm



Quervain

14924

19,5 cm/7¾"

6 mm



6 mm

McDonald

14925

19,0 cm/7½"

4 mm



Joseph

21405

16,5 cm/6½"

Raspatorien
Periosteal Raspatories
Rugines-raspatoires
Legras-Periostótomos


Sehneninstrumente
Tendon Instruments
Instrumentes pour les tendons
Instrumentes para tendones



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

Sehenschäler
 Tendon stripper
 Instrument à écorcher
 Enucleador de tendones



-  **14985-1**
-  **14985-2**
-  **14985-3**
-  **14985-4**
-  **14985-5**


Bunnell
 15,0 cm/6"



Sehnenführer
 Tendon passing instrument
 Instrument pour passer les tendons
 Instrumento para el tunel del tendón

Bunnell
14986
 23,0 cm/9"



 **14987-15**
 15,0 cm/6"

 **14987-19**
 19,0 cm/7½"

 **14987-24**
 24,0 cm/9½"

Sehnenfazzange
 Tendon seizing instrument
 Instrument pour saisir les tendons
 Instrumento para coger tendones

Brand



Sehnenfazzange
 Tendon seizing instrument
 Instrument pour saisir les tendons
 Instrumento para coger tendones

Carroll
14988
 11,0 cm/4½"



SCHWERT
SWORD - ESPADA
EPEE - SPADA

Knochenfeilen
Bone Files
Limes à os
Limas para huesos



Gallaher
18,0 cm/7"



Fig.1
14935-1



Fig.2
14935-2



Fig.3
14935-3



Joseph
16,0 cm/6½"



Fig.1
14936-1



Fig.2
14936-2



Fig.3
14936-3



14945
24,5 cm/9¾"



13 mm



14944
28,0 cm/11"

20 mm

Knochenfeilen und -raspeln
Bone Files and Rasps
Limes y râpes à os
Limas y raspas para huesos



SCHWERT
SWORD · ESPADA
EPEE · SPADA



14937

22,0 cm/8¾"



Putti

14938

30,0 cm/12"



Putti

14939

27,0 cm/10½"



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EPEE · SPADA

Meniskotome
Meniscotomy Knives
Bistouris à ménisques
Bisturries para meniscos



Smillie
17,0 cm/6¾"

Fig. 1
15915-1



Fig. 2
15915-2



Fig. 3
15915-3



Bircher
15917-1
19,0 cm/7½"



Bircher
15917-2
19,0 cm/7½"



15918
18,0 cm/7"

doppelschneidig
double edged
double tranchant
doble cortante



Neff
22,0 cm/8¾"



15919-1

15919-2



Salenius
15920-1
22,0 cm/8¾"

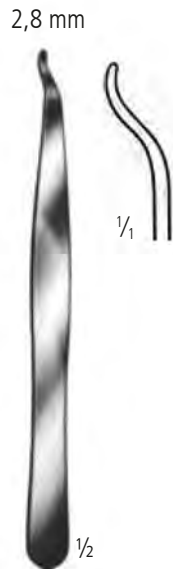


Salenius
15920-2
22,0 cm/8¾"

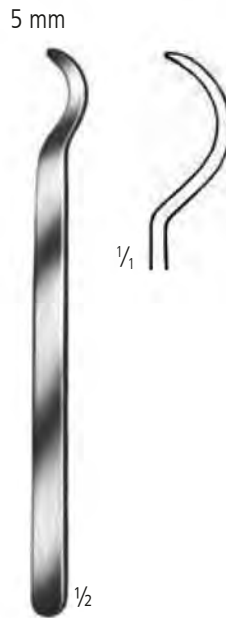
Knochenheber
Bone Levers
Leviers à os
Elevadores para huesos



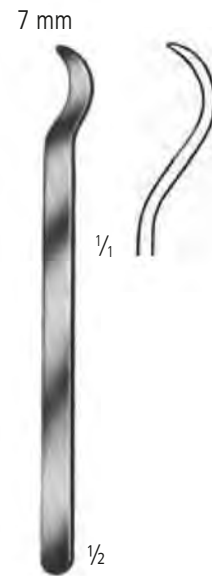
SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



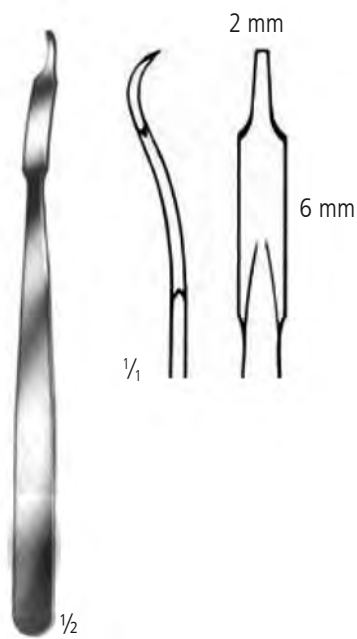
14955-3
 14,0 cm/5½"



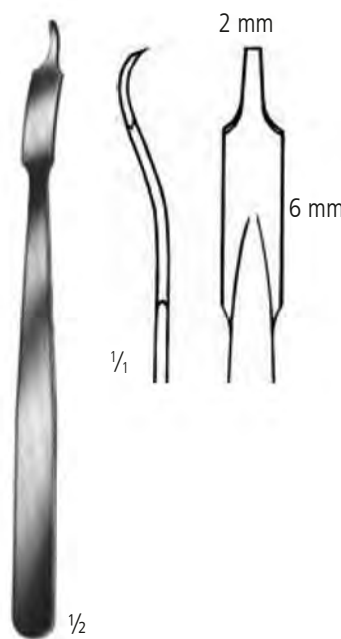
14955-5
 15,0 cm/6"



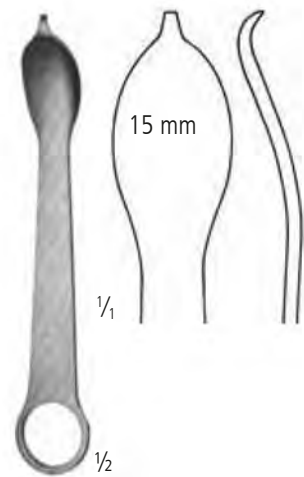
14955-7
 15,0 cm/6"



Mini-Hohmann
14961-6
 16,0 cm/6¼"



Mini-Hohmann
14961-8
 16,0 cm/6¼"

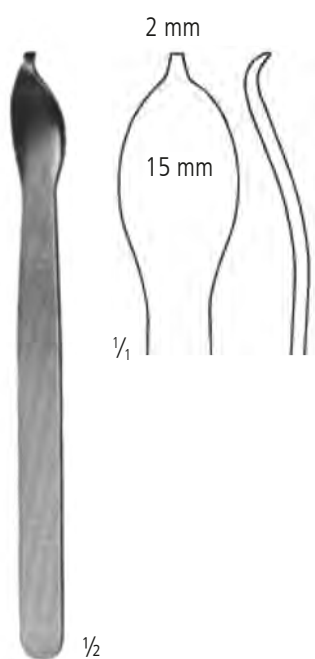


14962
 12,5 cm/5"



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Knochenhebel
Bone Levers
Leviers à os
Elevadores para huesos



14963
16,0 cm/6¼"



Hohmann
22,0 cm/8¾"
14960-8 8 mm
14960-10 10 mm



Hohmann
24,0 cm/9½"
14960-17 17 mm
spitz, sharp
pointu, agudo
14960-18 18 mm
stumpf, blunt
mousse, romo



Hohmann
24,0 cm/9½"
14960-42

**Knochenheber
Bone Levers
Leviers à os
Elevadores para huesos**



SCHWERT
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EPEE · SPADA



65 mm

Hohmann
25,5 cm/10"
14960-65



43 mm

Hohmann
24,0 cm/9½"
14960-43



22 mm

Hohmann
26,0 cm/10¼"
14960-22



24 mm

Hohmann
27,0 cm/10¾"
14960-24



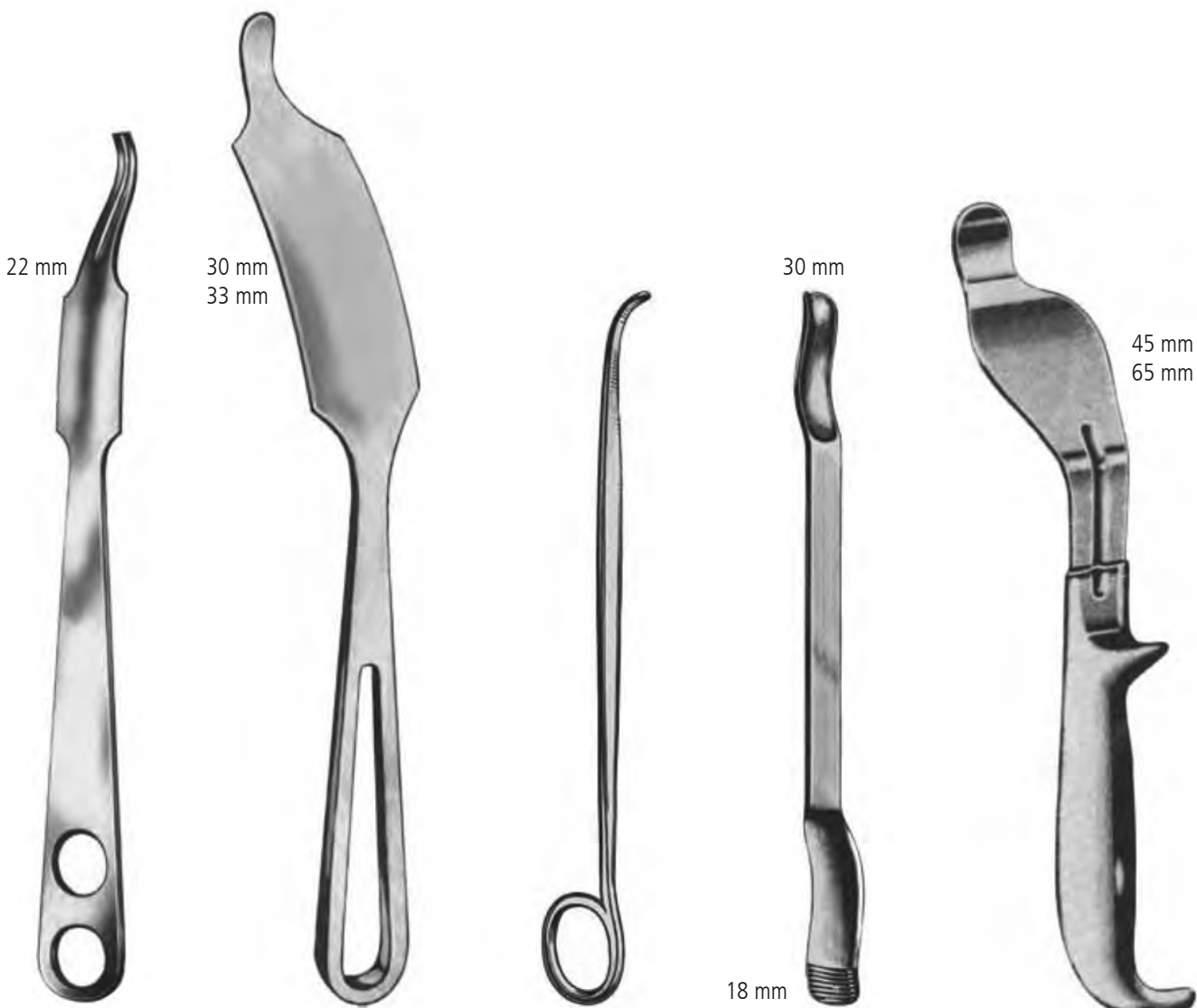
34 mm

Hohmann
28,5 cm/11¾"
14960-34



Knochenhebel
Bone Levers
Leviers à os
Elevadores para huesos

SCHWERT
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EPEE · SPADA



Lange-Hohmann.

14962-22

25,0 cm/10"

Lange-Hohmann modif.

14963-30 30 mm

26,5 cm/10½"

14963-33 33 mm

28,0 cm/11½"

Lane

14966

21,5 cm/8½"

Murphy-Lane

14967

34,0 cm/13½"

Bennett

24,0 cm/9½"

14964-45 45 mm

14964-65 65 mm

Knochenhebel
Bone Levers
Leviers à os
Elevadores para huesos



38 mm

Blount
 26,0 cm/10¼"
14975

Spinalhaken
Spinal retractors
Ecarteurs spinaux
Separadores espinales



Blount
 26,0 cm/10¼"
14976



Meniskushaken
 Meniscus retractors
 Ecarteurs pour le ménisque
 Separadores para menisco

Blount
 17,5 cm/7"
14977



Spinalhaken
 Spinal retractors
 Ecarteurs spinaux
 Separadores espinales

Taylor
 16,5 cm/6½"
14978-7 75 x 30 mm
14978-10 100 x 30 mm



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SCHWERT
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EPEE · SPADA

Hämmer
Mallets
Marteaux
Martillos y Mazos



28 mm Ø
340 g (12 oz.)

Williger
24,0 cm/9½"

14720



14732-25
25 mm Ø
120 g (4¼ oz.)

14732-30
30 mm Ø
180 g (6½ oz.)

14732-35
35 mm Ø
260 g (9 oz.)

Doyen
21,0 cm/8¼"



30 mm Ø
220 g (7¾ oz.)

Collin
20,0 cm/8"

14730



25 mm Ø
260 g (9 oz.)

Lucae
19,0 cm/7½"

14721



20 mm Ø
140 g (5 oz.)

Messing massiv
solid brass
laiton solide
latón macizo

14722

16,5 cm/6½"



20 mm Ø
140 g (5 oz.)

Messing massiv
solid brass
laiton solide
latón macizo

14723

16,5 cm/6½"

**Hämmer
Mallets
Marteaux
Martillos y Mazos**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



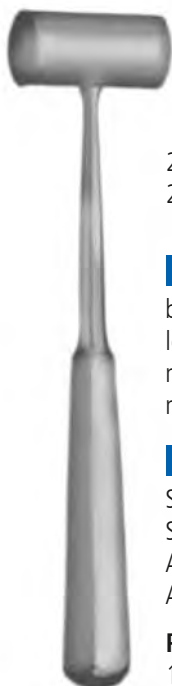
26 mm Ø
320 g (11¼ oz.)

14736-5

Ferrozellbacken allein,
paarweise
Ferrozell jaws only,
pair
Plaques en matière Ferrozell,
pair
Tapas de Ferrozell suelas,
par

Mead
17,0 cm/6¾"

14736



22 mm Ø
200 g (7 oz.)

14728

bleigefüllt
lead filled
rempli de plomb
relleno de plomo

14728-1

Stahl, massiv
Steel, solid
Acier, solide
Acero, macizo

Partsch
18,0 cm/7"



25 mm Ø
140 g (5 oz.)

14737-5

Ferrozellbacken allein,
paarweise
Ferrozell jaws only,
pair
Plaques en matière Ferrozell,
pair
Tapas de Ferrozell suelas,
par

14737

18,5 cm/7¼"



30 mm Ø
240 g (8¾ oz.)

Stahl massiv
mit Leichtmetallgriff
Steel solid
with light metal handle
Acier solide
avec manche en metal
Acero, macizo,
con mango de metal ligero

Cottle
18,5 cm/7¼"

14740



27 mm Ø
140 g (5 oz.)

Hajek
21,5 cm/8½"

14733



SCHWERT
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EPEE · SPADA

**Hämmer
Mallets
Marteaux
Martillos y Mazos**



30 mm Ø
300 g (10½ oz.)

Bergmann
23,5 cm/9¼"

14741



45 mm Ø
300 g (10½ oz.)

Bergmann
24,5 cm/9¾"

14742



40 mm Ø
550 g (19 oz.)

Ombredanne
24,0 cm/9½"

14743



50 mm Ø
360 g (12½ oz.)

ohne Blei
without lead
sans plomb
sin plomo

14744-50

25,0 cm/10"

Hämmer
Mallets
Marteaux
Martillos y Mazos



42 mm / 30 mm Ø
400 g (14 oz.)

Stahl massiv
mit Leichtmetallgriff
Steel solid
with light metal handle
Acier solide
avec manche en metal
Acero, macizo,
con mango de metal ligero

14745

24,0 cm/9½"



30 mm Ø
450 g (16 oz.)

Stahl, massiv
Steel solid
Acier, solide
Acero, macizo

14746-1

26,5 cm/10½"



45 mm Ø
900 g (32 oz.)

Stahl, massiv
Steel solid
Acier, solide
Acero, macizo

14746-2

26,5 cm/10½"



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SCHWERT
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Knochenhalte­zangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



16024

gerade
straight
droite
recta

Sequesterzangen
Sequestum Forceps
Pince à séquestre
Pinza para secuestros



20,0 cm/8"



16025

aufgebogen
curved on flat
courbe vers le haut
curva sobre el plano



16027

14,0 cm/5½"



Knorpelasszange
Cartilage Seizing Forceps
Pince à saisir cartilages
Pinzas para coger cartílagos

Dingmann
19,0 cm/7½"

16049



16097

12,0 cm/4¾"



Lewin
17,5 cm/7"

16064-17

Knochenhaltezangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



SCHWERT
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gerade
 straight
 droite
 recta

Bircher-Ganske
 20,0 cm/8"

16054



gebogen
 curved
 courbes
 curvas

Bircher-Ganske
 20,0 cm/8"

16055

Knorpelasszange
 Cartilage Seizing Forceps
 Pince à saisir cartilages
 Pinzas para coger cartílagos



Setter

16056-16

16,0 cm/6¼"

16056-24

24,0 cm/9½"



ohne Sperre
 without ratchet
 sans crémaillère
 sin cremallera

Semb

19,0 cm/7½"

16060



mit Sperre
 with ratchet
 avec crémaillère
 con cremallera

Semb

19,0 cm/7½"

16061



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Knochenhalte­zangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



Van Buren

16031

23,0 cm/9"



Langenbeck

16040

21,0 cm/8¼"



Farabeuf

16068-23

23,0 cm/9"

16068-26

26,0 cm/10¼"



Fergusson

21,0 cm/8¼"

16048



Repositionszange
Reposition Forceps
Pince à reduction
Pinza para reposición

16098-13

13,5 cm/5¼"



Farabeuf-Lambotte

26,0 cm/10¼"

16069

mit Sperre
with ratchet
avec crémaillère
con cremallera

Knochenhaltezangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



16063

20,0 cm/8"



16098-20

20,0 cm/8"

Repositionszange
 Reposition Forceps
 Pince à réduction
 Pinza para reposición



16099-21

21,0 cm/8¼"



Baby-Kern

15,0 cm/6"

16085-15

mit Sperre
 with ratchet
 avec crémaillère
 con cremallera

15,0 cm/6"

16084-15

ohne Sperre
 without ratchet
 sans crémaillère
 sin cremallera



SCHWERT
SWORD · ESPADA
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Knochenhaltezaugen Bone Holding Forceps Davier à os Pinzas para huesos



Kern

16085-17

17,0 cm/6¾"

16085-21

21,0 cm/8¼"

mit Sperre
with ratchet
avec crémaillère
con cremallera

16084-17

17,0 cm/6¾"

16084-21

21,0 cm/8¼"

ohne Sperre
without ratchet
sans crémaillère
sin cremallera



Lane

16089-33

33,0 cm/13"

16089-45

45,0 cm/17¾"

mit Sperre
with ratchet
avec crémaillère
con cremallera

16088-33

33,0 cm/13"

16088-45

45,0 cm/17¾"

ohne Sperre
without ratchet
sans crémaillère
sin cremallera



Knochenhaltezangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



SCHWERT
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 EPEE · SPADA



Lambotte

16080-22 22,0 cm/8¾"

16080-26 26,0 cm/10¼"

16080-33 33,0 cm/13"

gerade
 straight
 droite
 recta



Lambotte

16081-23 23,0 cm/9"

16081-26 26,0 cm/10¼"

rechtswärts gebogen
 right angled
 courbe à droite
 curva a la derecha



Lambotte

16077-22 22,0 cm/8¾"

16077-27 27,0 cm/10¾"

16077-30 30,0 cm/11¾"

verstellbar
 right adjustable
 ajustable
 ajustable



SCHWERT
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Knochenhalte­zangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



Verbrugge

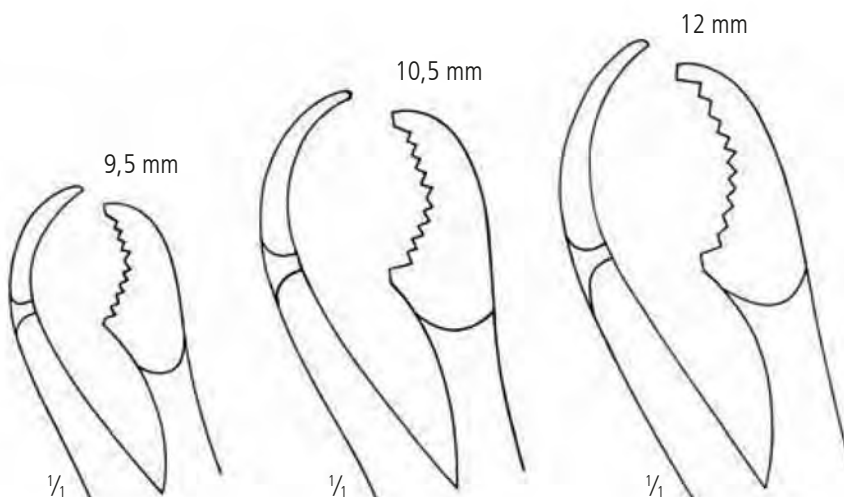


Fig. 1

16090-25
25,0 cm/10"

Fig. 2

16090-26
26,0 cm/10¼"

Fig. 3

16090-27
27,0 cm/10¾"



Verbrugge-Baby



16090-17
17,5 cm/7"

Knochenhaltezangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



SCHWERT
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Verbrugge

Fig. 00	16091-15	15,0 cm/6"	2,5 mm
Fig. 0	16091-19	19,0 cm/7½"	6,5 mm
Fig. 1	16091-24	24,0 cm/9½"	9,5 mm
Fig. 2	16091-26	26,0 cm/10¼"	10,0 mm
Fig. 3	16091-28	28,0 cm/11"	11,0 mm



Ulrich

16092-23	23,0 cm/9"
16092-25	25,0 cm/10"
16092-28	28,0 cm/11"

gerade
 straight
 droite
 recta



Ulrich

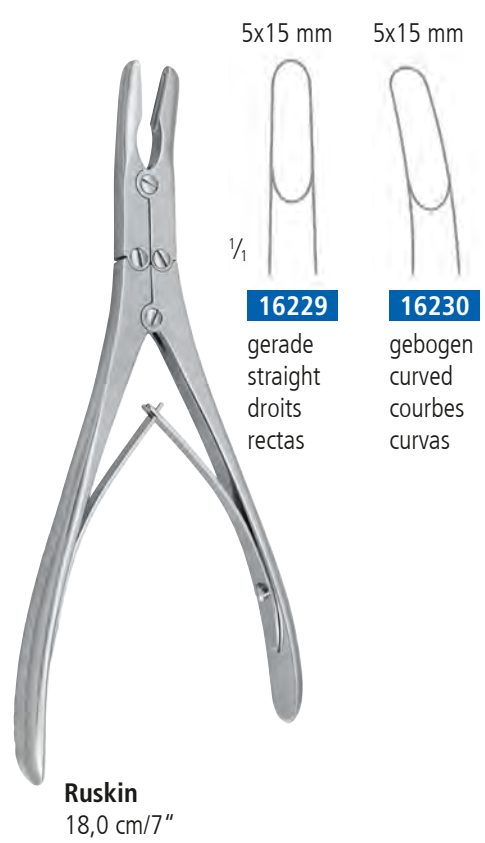
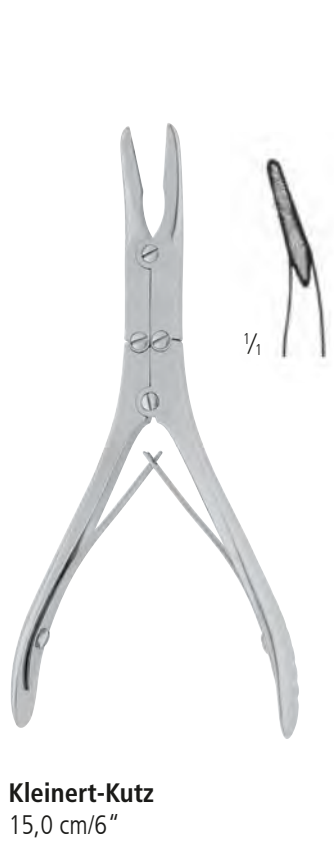
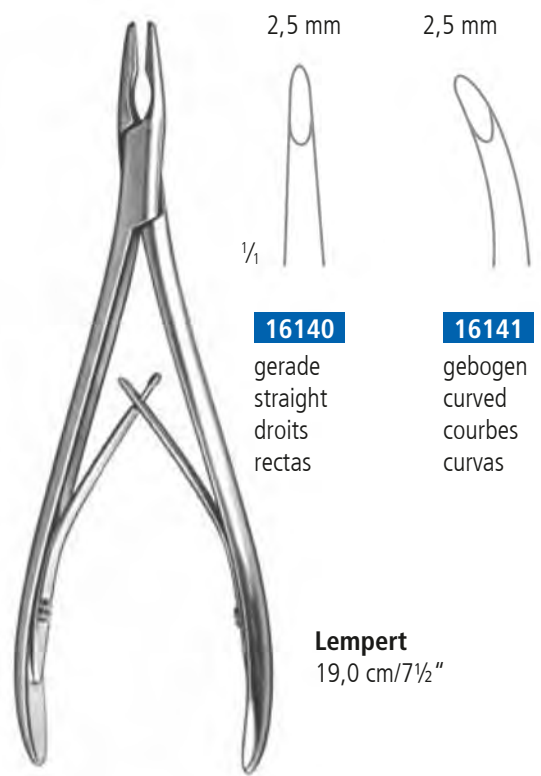
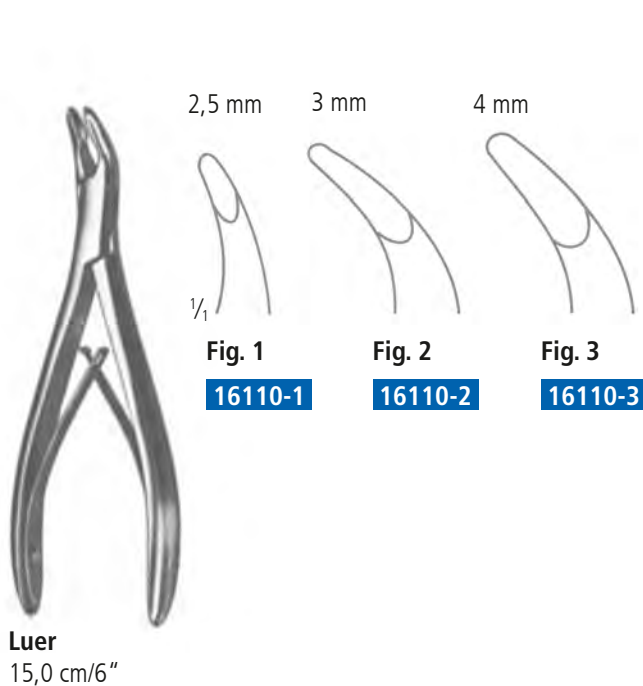
16093-28	28,0 cm/11"
-----------------	-------------

seitwärts gebogen
 curved sideways
 courbe à la côté
 curva lateral



SCHWERT
SWORD · ESPADA
EPEE · SPADA

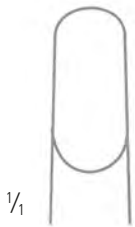
Hohlmeisselzangen
Bone Rongeur Forceps
Pincès-gouges
Pinzas-gubias



Hohlmeisselzangen
Bone Rongeur Forceps
Pincés-gouges
Pinzas-gubias



SCHWERT
SWORD · ESPADA
EPEE · SPADA



1/1

16242

22,0 cm/8 3/4"

gerade
straight
droits
rectas



16243

22,0 cm/8 3/4"

gebogen
curved
courbes
curvas



17 mm

16246

27,0 cm/10 3/4"

gerade
straight
droits
rectas



17 mm

16247

27,0 cm/10 3/4"

gebogen
curved
courbes
curvas



Stille-Luer



Röttgen-Ruskin

16229-23

23,0 cm/9"

5 mm

1/1

16229-23

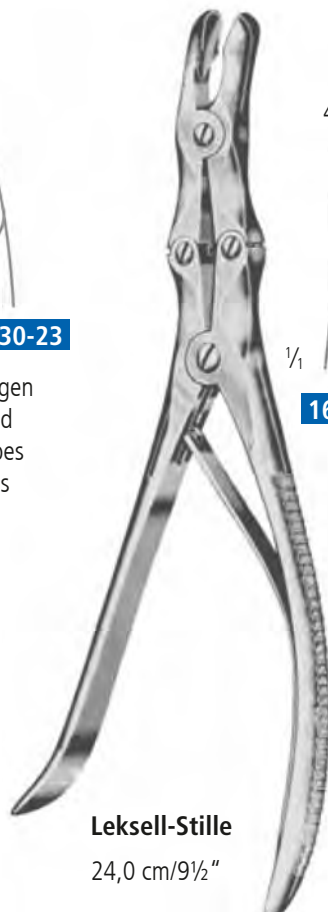
gerade
straight
droits
rectas

5 mm

1/1

16230-23

gebogen
curved
courbes
curvas



Leksell-Stille

24,0 cm/9 1/2"

4 mm

1/1

16236-4

8 mm

16236-8



Stille

16239

23,0 cm/9"

7 mm

1/1



SCHWERT
SWORD - ESPADA
EPEE - SPADA

Hohlmeisselzangen
Bone Rongeur Forceps
Pincès-gouges
Pinzas-gubias



Luer
17,0 cm/6¾"



16162
gerade
straight
droits
rectas



16163
gebogen
curved
courbes
curvas



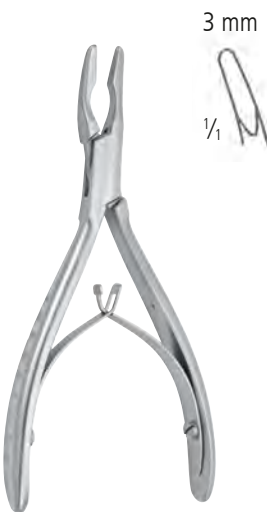
Luer-Friedmann
14,0 cm/5½"

16108



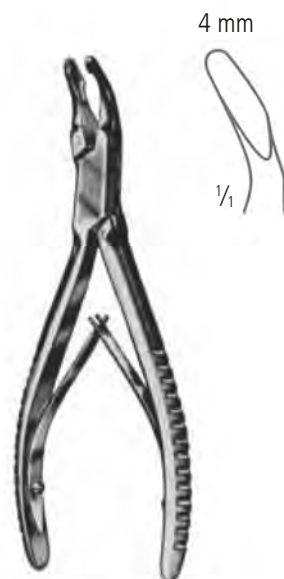
Micro-Friedmann
14,0 cm/5½"

16107



Mini-Friedmann
12,0 cm/5"

16106



Cleveland
14,0 cm/5½"

16118-14



Cleveland
17,0 cm/6¾"

16118-17



Hohlmeisselzangen
 Bone Rongeur Forceps
 Pincès-gouges
 Pinzas-gubias



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



2 mm

2 mm

1/1

16185-1

16185-2

Stellbrink
 17,0 cm/6 3/4"



1/1

16132-30

16132-45

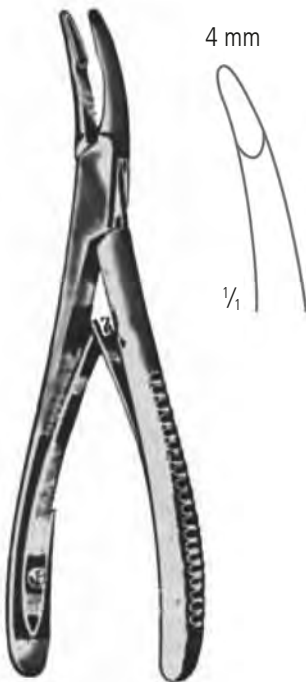
16132-90

30°

45°

90°

Blumenthal
 15,5 cm/6"



4 mm

1/1

Zaufal
 17,0 cm/6 3/4"

16186



4 mm

4 mm

1/1

16154

gerade
 straight
 droits
 rectas

16155

gebogen
 curved
 courbes
 curvas

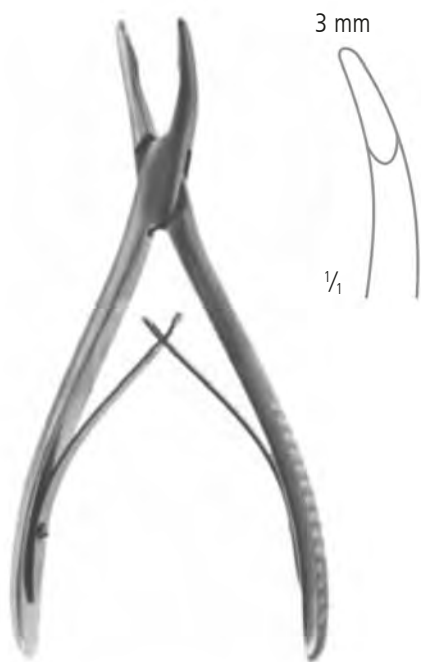
Jansen
 17,0 cm/6 3/4"





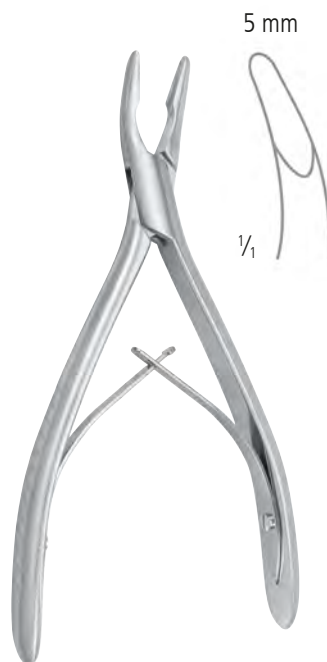
SCHWERT
SWORD · ESPADA
EPEE · SPADA

Hohlmeisselzangen
Bone Rongeur Forceps
Pinces-gouges
Pinzas-gubias



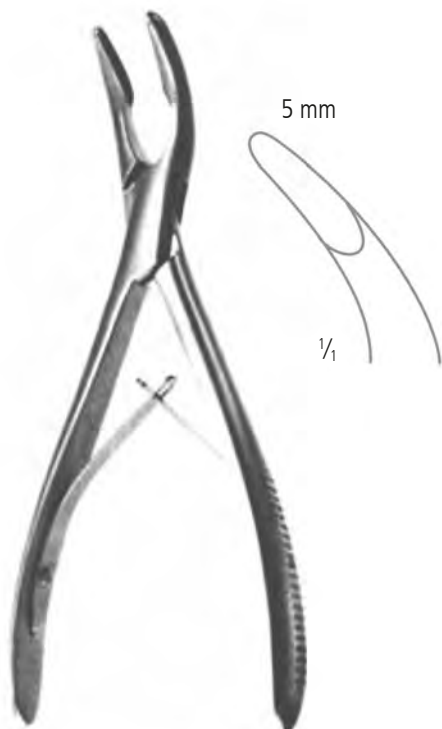
Beyer
18,0 cm/7"

16187



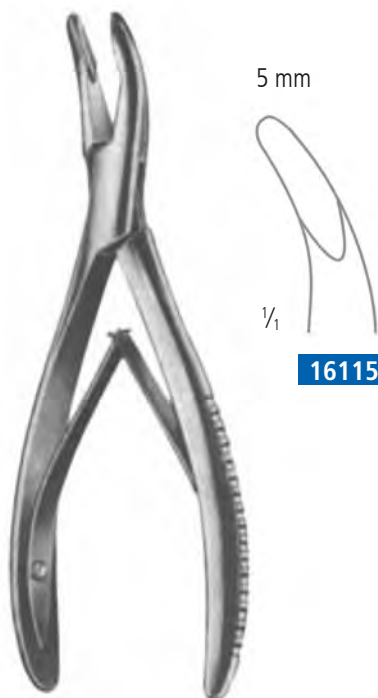
Bane (Hartmann)
17,0 cm/6¾"

16139



Olivecrona
19,0 cm/7½"

16183



Mead
16,5 cm/6½"

16115



16116

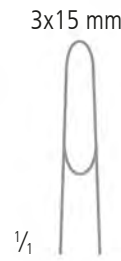
Hohlmeisselzangen
 Bone Rongeur Forceps
 Pincès-gouges
 Pinzas-gubias



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Adson
 20,0 cm/8"
16182



16220
 gerade
 straight
 droits
 rectas



16221
 gebogen
 curved
 courbes
 curvas

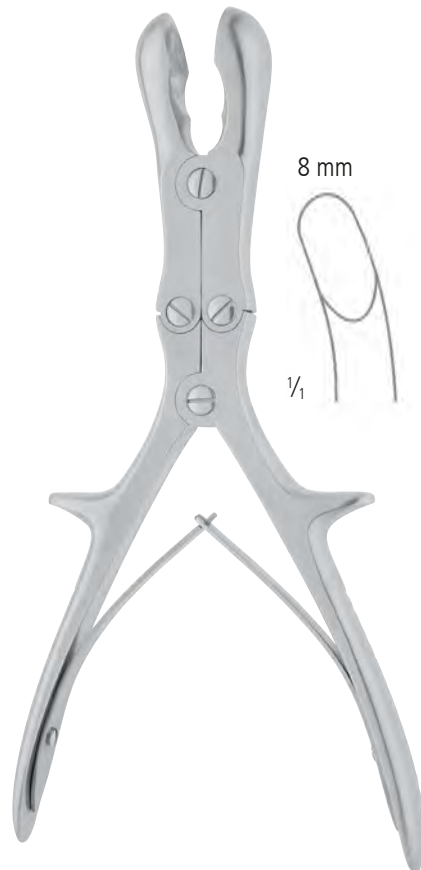


16222
 gebogen
 curved
 courbes
 curvas

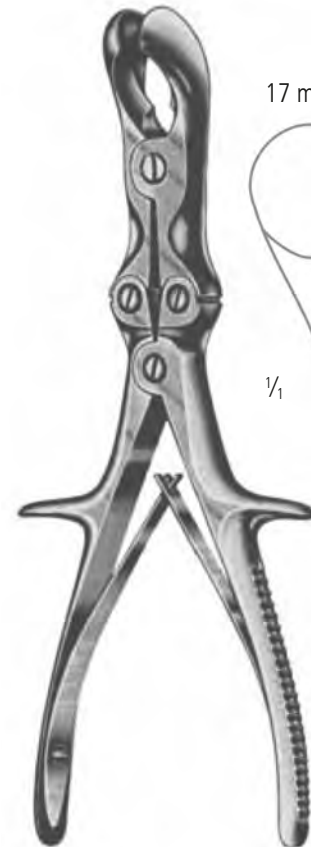
Böhler
 15,0 cm/6"



Zaufal-Jansen
 18,0 cm/7"
16226



Stille-Ruskin
 23,0 cm/9"
16250



Semb
 22,5 cm/8¾"
16251



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Hohlmeisselzangen
Bone Rongeur Forceps
Pincès-gouges
Pinzas-gubias



3x10 mm



16235-2

3x10 mm



16235-3

4x10 mm



16235-4

1/1

seitwärts gebogen
curved on side
courbe sur le côté
curva lateral

Echlin
23,0 cm/9"



3 mm



16255-1

19,0 cm/7½"

16256-1

24,0 cm/9½"

gerade
straight
droits
rectas

3 mm



16255-2

19,0 cm/7½"

16256-2

24,0 cm/9½"

leicht gebogen
slightly curved
courbe légèrement
curva ligeramente

3 mm



16255-3

19,0 cm/7½"

16256-3

24,0 cm/9½"

stark gebogen
fully curved
courbe fortement
curva fuertemente

Smith-Petersen

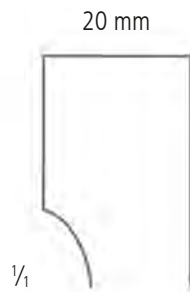
Hohlmeisselzangen
 Bone Rongeur Forceps
 Pincès-gouges
 Pinzas-gubias



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Sauerbruch
 30,0 cm/11¾"



16264

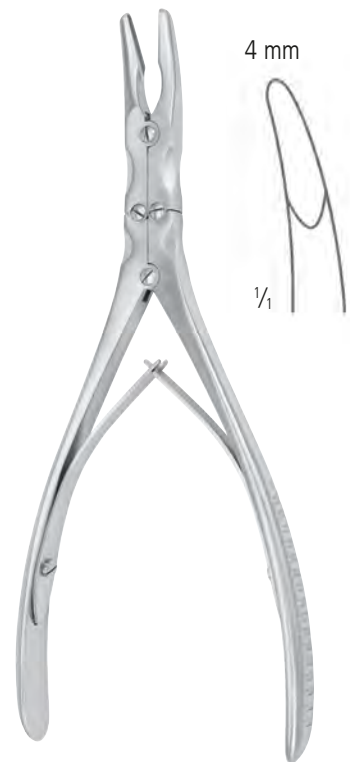


16263



Mayfield
 17,0 cm/6¾"

16258



Marquardt
 20,0 cm/8"

16259





SCHWERT
SWORD - ESPADA
EPEE - SPADA

Knochensplitterzangen
Bone Cutting Forceps
Pincès coupantes à os
Pinzas cortantes para huesos



16326-14	14,0 cm/5½"	16329-14
16326-17	17,0 cm/6¾"	16329-17
16326-19	19,0 cm/7½"	16329-19
16326-22	22,0 cm/8¾"	16329-22

gerade
straight
droits
rectas

Liston

gebogen
curved
courbes
curvas



16334	gerade straight droits rectas	16335	gebogen curved courbes curvas
--------------	--	--------------	--

Liston-Mini
15,0 cm/6"



gerade
straight
droits
rectas

Stille-Liston
27,0 cm/10½"

16378



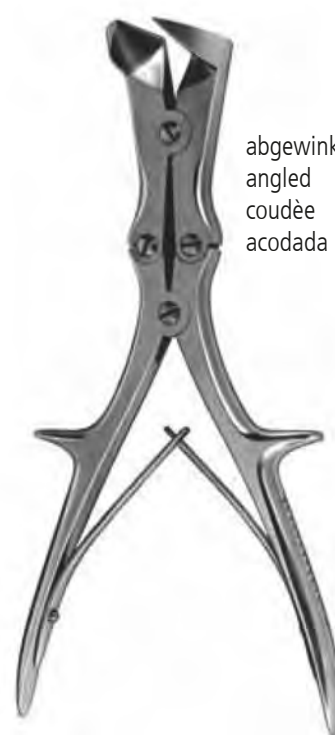
16379
27,0 cm/10½"
gebogen
curved
courbes
curvas



s-förmig
S-shaped
forme en S
en forme de S

Liston-Key
27,0 cm/10½"

16382



abgewinkelt
angled
coudée
acodada

Stille-Liston
27,0 cm/10½"

16380

Knochensplitterzangen
Bone Cutting Forceps
Pinces coupantes à os
Pinzas cortantes para huesos



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



16337-15
 15,0 cm/6"



16337-17
 17,0 cm/6¾"

Cleveland

gebogen
 curved
 courbes
 curvas



16360

gerade
 straight
 droits
 rectas



16361

nach vorn gebogen
 curved forward
 courbe en avant
 curva hacia delante



16362

nach hinten gebogen
 curved backward
 courbe en arrière
 curva hacia atrás



16369

gebogen
 curved
 courbes
 curvas

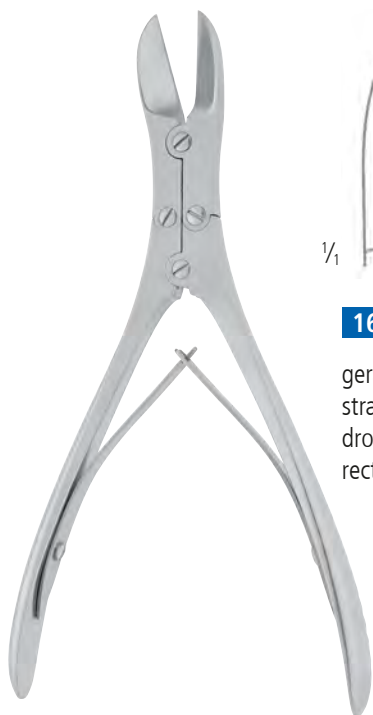
Böhler
 15,0 cm/6"

Mc Indoe
 17,0 cm/6¾"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Knochensplitterzangen
Bone Cutting Forceps
Pinces coupantes à os
Pinzas cortantes para huesos



Ruskin
18,0 cm/7"



16364

gerade
straight
droits
rectas



16365

gebogen
curved
courbe
curva



Ruskin-Liston
18,0 cm/7"



16366

gerade
straight
droits
rectas

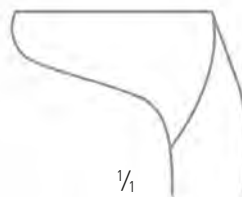


16367

gebogen
curved
courbe
curva



Semb
23,0 cm/9"



seitwärts gebogen
sideways curved
courbe sur le côté
curva al lado

16375

Knochenhalteklammern
Bone Holding Clamps
Pinces porte-os
Pinzas porta-huesos



SCHWERT
SWORD · ESPADA
EPEE · SPADA

1x2



Lowman

- 14360-12** 12,0 cm/4¾"
- 14360-18** 18,0 cm/7"
- 14360-20** 20,0 cm/8"
- 14360-22** 22,0 cm/8¾"



Lowman-Baby

- 13,0 cm/4¾"
- 14365-13**

Lowman-Hoglund

- 18,0 cm/7"
- 14365-18**



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Wundhaken, Wundsperrer Retractors Ecarteurs Separadores



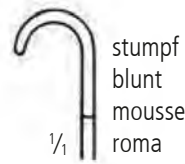
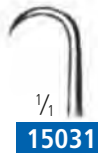
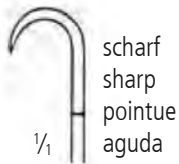
**Wundhaken
Retractors
Ecarteurs
Separadores**



SCHWERT
SWORD · ESPADA
EPEE · SPADA

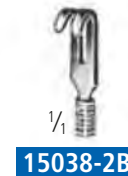
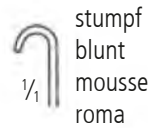
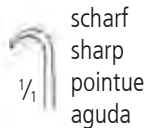


16,0 cm/6½"



16,0 cm/6½"

flexibel
flexible
flexible
flexible



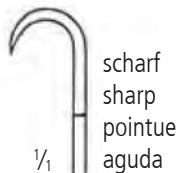


SCHWERT
SWORD - ESPADA
EPEE - SPADA

**Wundhaken
Retractors
Ecarteurs
Separadores**



16,0 cm/6½"



1/1



1/1

15040-1A



1/1

15040-2A



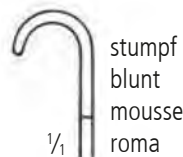
1/1

15040-3A



1/1

15040-4A



1/1



1/1

15040-1B



1/1

15040-2B



1/1

15040-3B



1/1

15040-4B



Meyerding
18,0 cm/7"

18x7 mm



Fig. 1

15042-1

16x5 mm



Fig. 2

15042-2

7x4 mm



Fig. 3

15042-3

10x3 mm



Fig. 4

15042-4

7x4 mm



Fig. 5

15042-5

10x4 mm



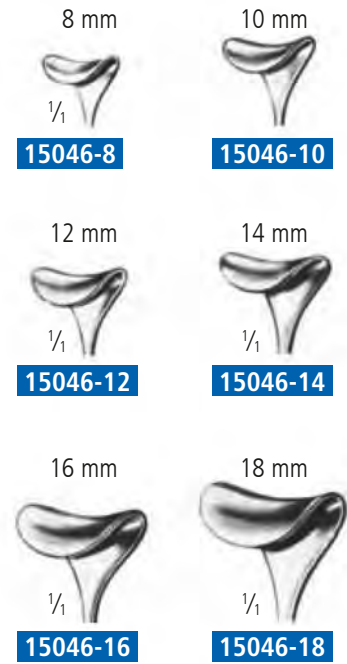
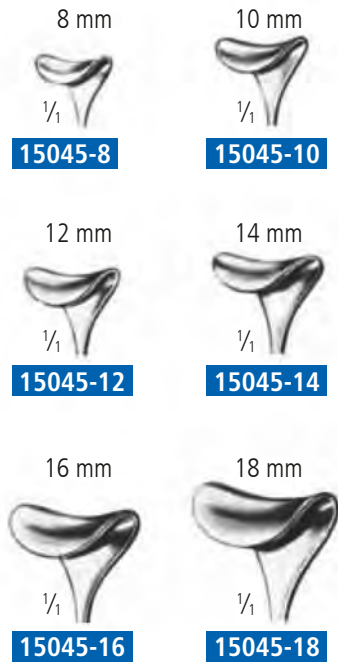
Fig. 6

15042-6

Wundhaken
Retractors
Ecarteurs
Separadores



SCHWERT
SWORD · ESPADA
EPEE · SPADA





SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Wundhaken
Retractors
Ecarteurs
Separadores**

Sehnenscheidenhaken
Tendon Sheath Retractors
Ecarteurs pour la gaine
Separadores para tendones



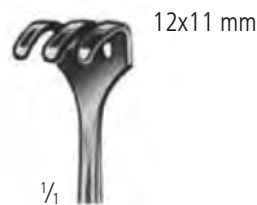
Crile
11,0 cm/4¼"
15048



Klapp
17,5 cm/7"
15062



15062



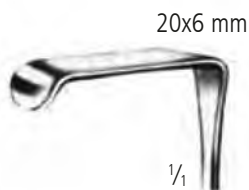
15063



Mini-Langenbeck
16,0 cm/6½"



15075-10



15075-20



15075-17

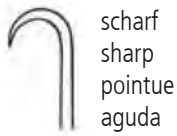


15075-22

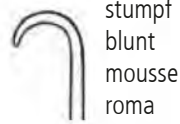
**Wundhaken
Retractors
Ecarteurs
Separadores**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



scharf
sharp
pointue
aguda



stumpf
blunt
mousse
roma



Volkmann
11,5 cm/4½"



15079-2A



15079-4A



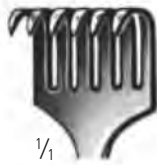
15079-2B



15079-4B



15079-3A



15079-6A



15079-3B



15079-6B



Strandell-Stille
19,0 cm/7½"

15120



gezahnt
toothed
dentele
dentado

Strandell-Stille
19,0 cm/7½"

15121



Dekompressionshaken
Decompression hook
Ecarteur de décompression
Separador para descompresión

Cushing
20,0 cm/8"

15122





SCHWERT
SWORD - ESPADA
EPEE - SPADA

**Wundhaken
Retractors
Ecarteurs
Separadores**



1/2

Volkmann
23,0 cm/9"



1/1

15081-A

scharf
sharp
pointue
aguda



1/1

15081-B

stumpf
blunt
mousse
roma



1/1

15082-A



1/1

15084-A



1/1

15082-B



1/1

15084-B



1/1

15083-A



1/1

15086-A



1/1

15083-B



1/1

15086-B



Volkmann
21,5 cm/8 1/2"

15091-A

scharf
sharp
pointue
aguda



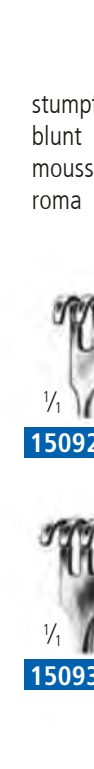
1/1

15092-A



1/1

15094-A



Volkmann
21,5 cm/8 1/2"

15091-B

stumpf
blunt
mousse
roma



1/1

15092-B



1/1

15094-B



1/1

15093-A



1/1

15096-A



1/1

15093-B



1/1

15096-B



**Wundhaken
Retractors
Ecarteurs
Separadores**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



scharf
sharp
pointue
aguda

Volkman
21,5 cm/8½"

15101-A



stumpf
blunt
mousse
roma

Volkman
21,5 cm/8½"

15101-B



stumpf
blunt
mousse
roma

15102-A

24,5 cm/10"



scharf
sharp
pointue
aguda



15121-A



15122-A



15123-A



15124-A



15126-A

stumpf
blunt
mousse
roma



15121-B



15122-B



15123-B



15124-B



15126-B

Kocher
22,0 cm/8½"



SCHWERT
SWORD - ESPADA
EPEE - SPADA

**Wundhaken
Retractors
Ecarteurs
Separadores**



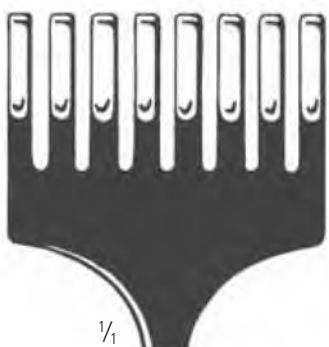
Koerte
23,5 cm/9¼"



1/1

15181

scharf
sharp
pointue
aguda



1/1

15180

stumpf
blunt
mousse
roma



36x30 mm

36x60 mm

1/2

15131-30

15131-60

33x20 mm



Wassmund
20,5 cm/8"

15132

1/2

Ollier
22,5 cm/9"

1/2



Wundhaken
Retractors
Ecarteurs
Separadores

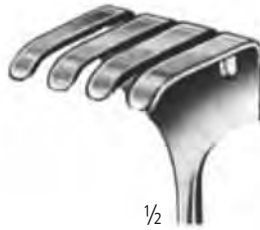


SCHWERT
SWORD · ESPADA
EPEE · SPADA



Israel
25,0 cm/10"

40x40 mm



1/2

15204

45x50 mm



1/2

15205

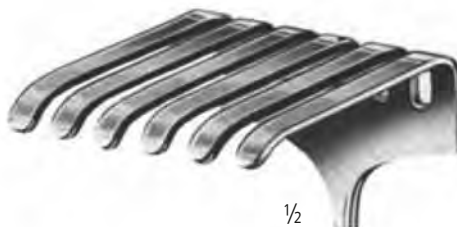
50x60 mm



1/2

15206

70x70 mm



1/2

15206-70



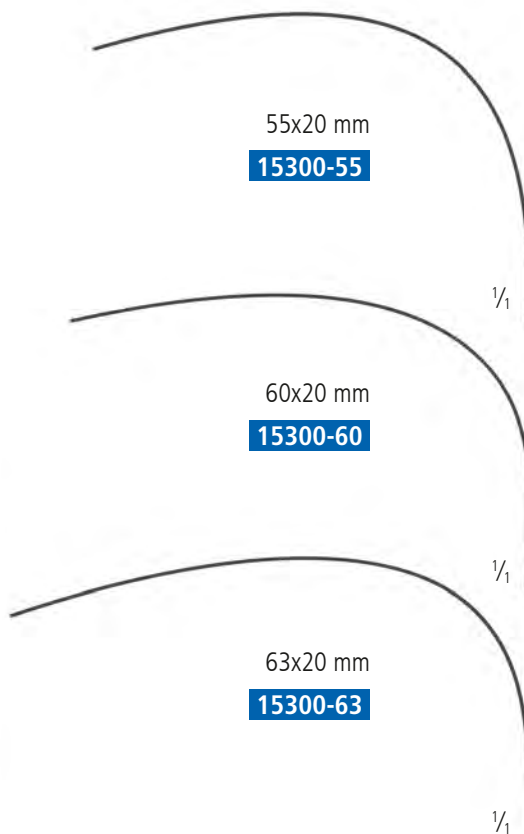
SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Wundhaken
Retractors
Ecarteurs
Separadores**



1/2

Langenbeck
21,0 cm/8 1/4"



Hüftgelenkhaken
Retractors
Ecarteurs
Separadores



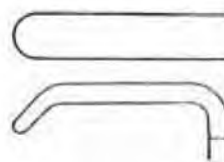
Kocher
21,5 cm/8 1/2"

15314-1	40x18 mm
15314-2	60x20 mm
15314-3	60x25 mm
15314-4	75x30 mm
15314-5	75x40 mm



Langenbeck
21,0 cm/8 1/4"

15315-1	30x11 mm
15315-2	30x14 mm
15315-3	30x16 mm
15315-4	40x11 mm
15315-5	50x11 mm



Kocher-Langenbeck
21,5 cm/8 1/2"

15317-50	25x6 mm
15317-30	35x8 mm
15317-20	35x11 mm
15317-0	35x15 mm
15317-1	40x11 mm
15317-2	55x11 mm
15317-3	70x14 mm
15317-4	80x12 mm
15317-5	80x16 mm



1/2

Kocher-Langenbeck
21,5 cm/8 1/2"

**Wundhaken
Retractors
Ecarteurs
Separadores**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Langenbeck
22,0 cm/8¾"



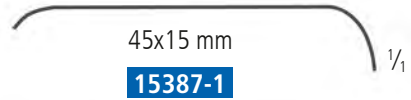
15310-1 30x11 mm
15310-2 30x14 mm
15310-3 30x16 mm



15310-4 40x11 mm



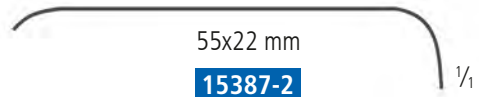
Sauerbruch
22,5 cm/9"



45x15 mm

15387-1

1/1



55x22 mm

15387-2

1/1



72x19 mm

15387-3

1/1



Wundhaken
Retractors
Ecarteurs
Separadores

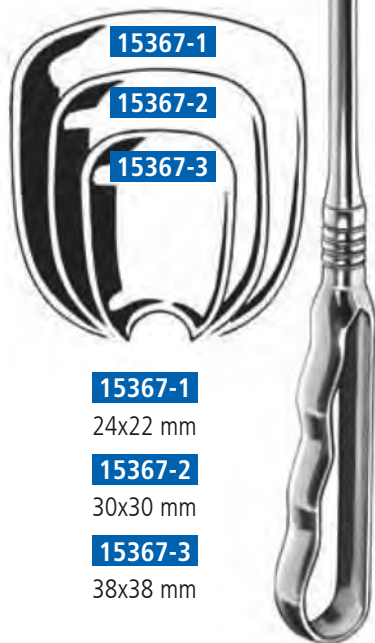
SCHWERT
SWORD · ESPADA
EPEE · SPADA

28x6 mm



Lahey
19,0 cm/7½"

15389



15367-1
24x22 mm
15367-2
30x30 mm
15367-3
38x38 mm

Richardson
24,0 cm/9½"

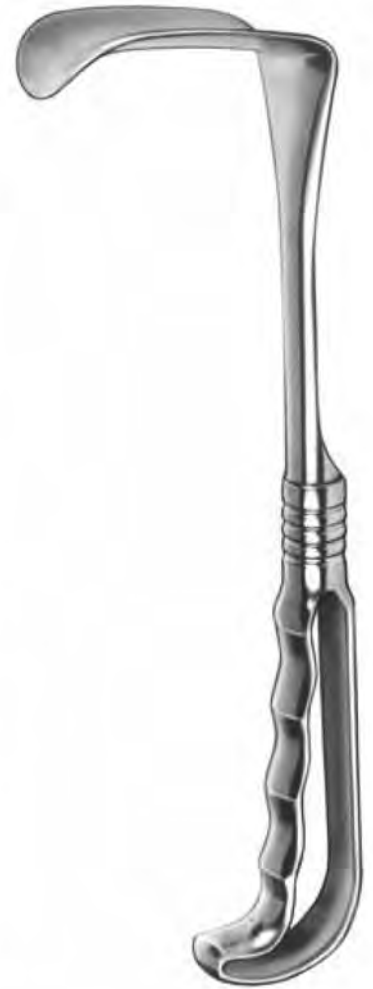
48x21 mm



Richardson
24,0 cm/9½"

15367-4

65x20 mm



Kelly
26,0 cm/10¼"

15367-15

Wundhaken
Retractors
Ecarteurs
Separadores



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Fig. 1

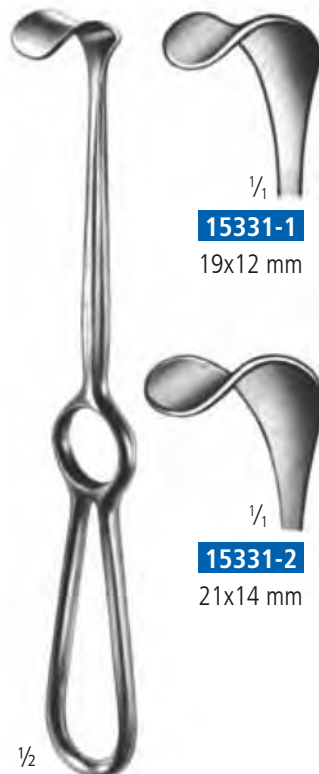
15371-1

26,0 cm/10 $\frac{1}{4}$ "

Fig. 2

15371-2

28,0 cm/11"



15331-1

19x12 mm

15331-2

21x14 mm



Kocher

22,0 cm/8 $\frac{3}{4}$ "

15331-10

40x10 mm

15331-11

40x15 mm

15331-3

40x20 mm

Richardson-Eastman

15371-S

Satz 2-teilig

Set of 2 pieces

Jeu de 2 pièces

Juego de 2 piezas

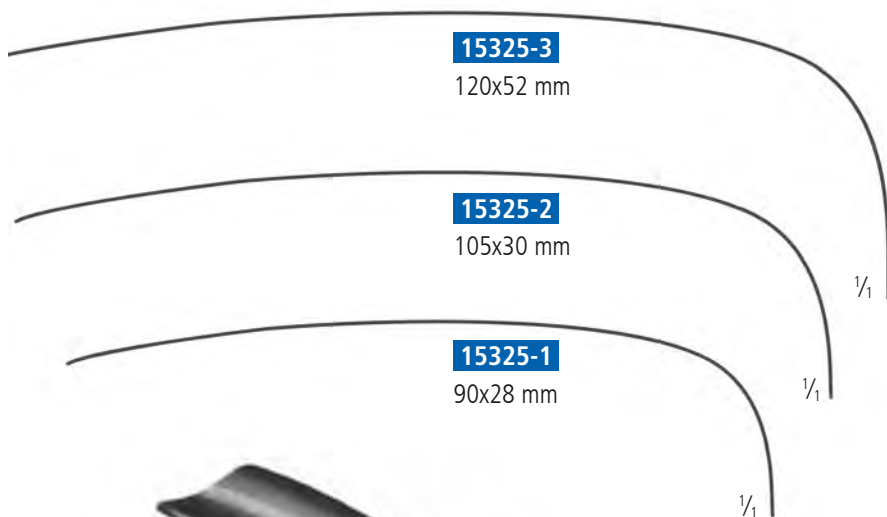
Kocher

20,5 cm/8"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Wundhaken
Retractors
Ecarteurs
Separadores**



Middeldorpf



15323-1
14x17 mm
26,0 cm/10¼"



15323-2
20x22 mm
22,0 cm/8¾"



15323-3
26x30 mm
23,5 cm/9½"



Doyen-Style
22,0 cm/8¼"

Wundhaken
Retractors
Ecarteurs
Separadores



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Fritsch
24,0 cm/9½"



Middeldorpf
27,5 cm/11"



½

15622-1
45x45 mm



½

15622-2
45x50 mm



½

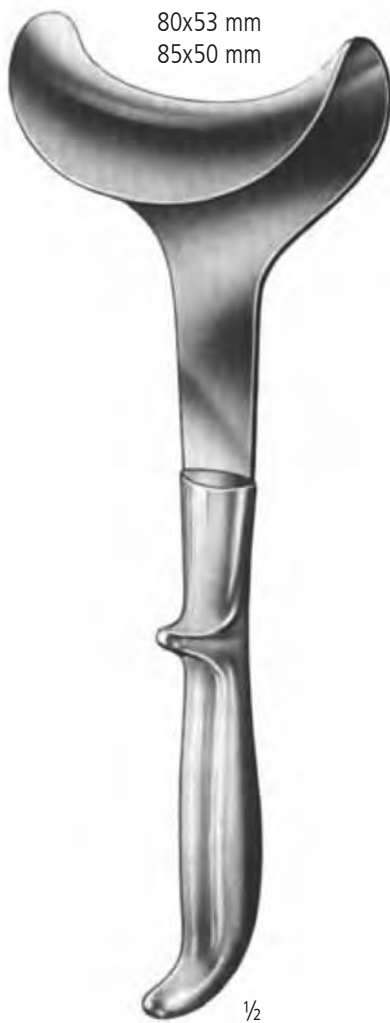
15622-3
55x70 mm

- 15620-1 Fig.1 40x40 mm
- 15620-1A Fig.2 40x50 mm
- 15620-2 Fig.3 40x60 mm
- 15620-3 Fig.4 40x75 mm



Wundhaken
Retractors
Ecarteurs
Separadores

SCHWERT
SWORD - ESPADA
EPEE - SPADA



80x53 mm
85x50 mm

1/2

Doyen
25,0 cm/10"

15629 53x80 mm
15630 50x85 mm

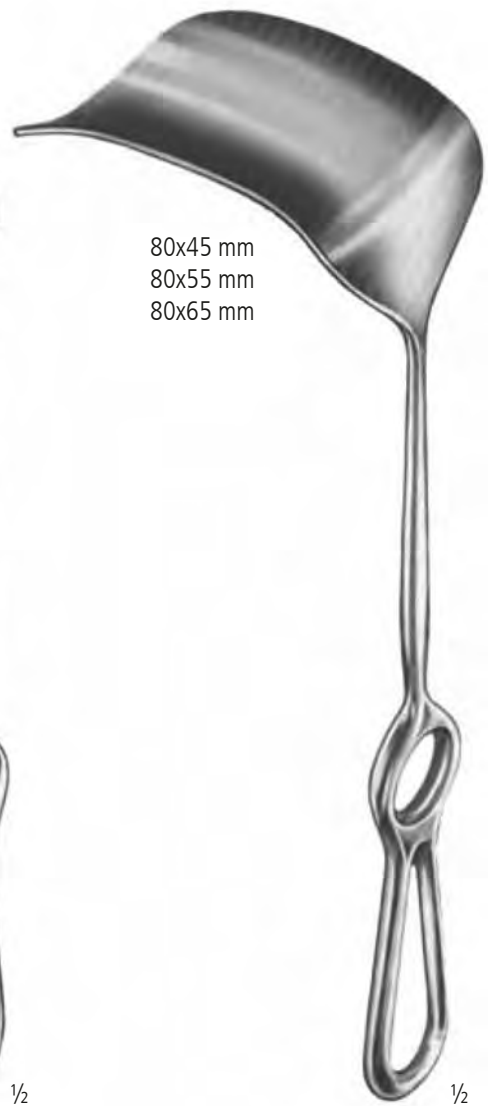


70x25 mm

1/2

Kocher
23,5 cm/9 1/4"

15632



80x45 mm
80x55 mm
80x65 mm

1/2

Kocher
25,0 cm/10"

15633-1 80x25 mm
15633-2 80x55 mm
15633-3 80x65 mm

Wundhaken
Retractors
Ecarteurs
Separadores



SCHWERT
SWORD · ESPADA
EPEE · SPADA



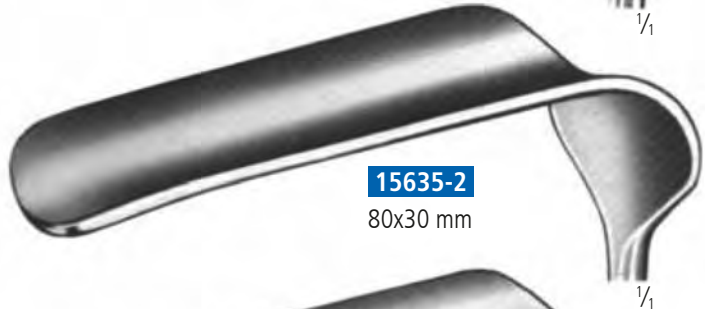
Hösel
25,0 cm/10"

1/2



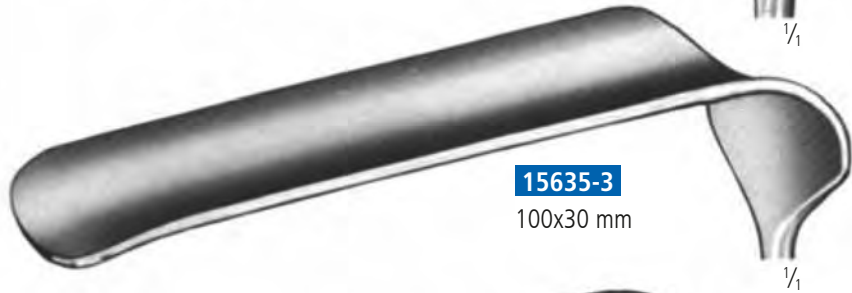
15635-1
60x20 mm

1/4



15635-2
80x30 mm

1/4



15635-3
100x30 mm

1/4



15635-4
120x30 mm

1/4



15635-5
140x30 mm

1/4



15635-6
140x40 mm

1/4



Wundhaken
Retractors
Ecarteurs
Separadores

SCHWERT
SWORD · ESPADA
EPEE · SPADA



Zenker

1/2

35x8 mm

15636-1

23,5 cm/9 1/4"

1/1

60x12 mm

15636-2

26,0 cm/10 1/4"

1/1

75x12 mm

15636-3

27,5 cm/10 3/4"

1/1

120x12 mm

15636-4

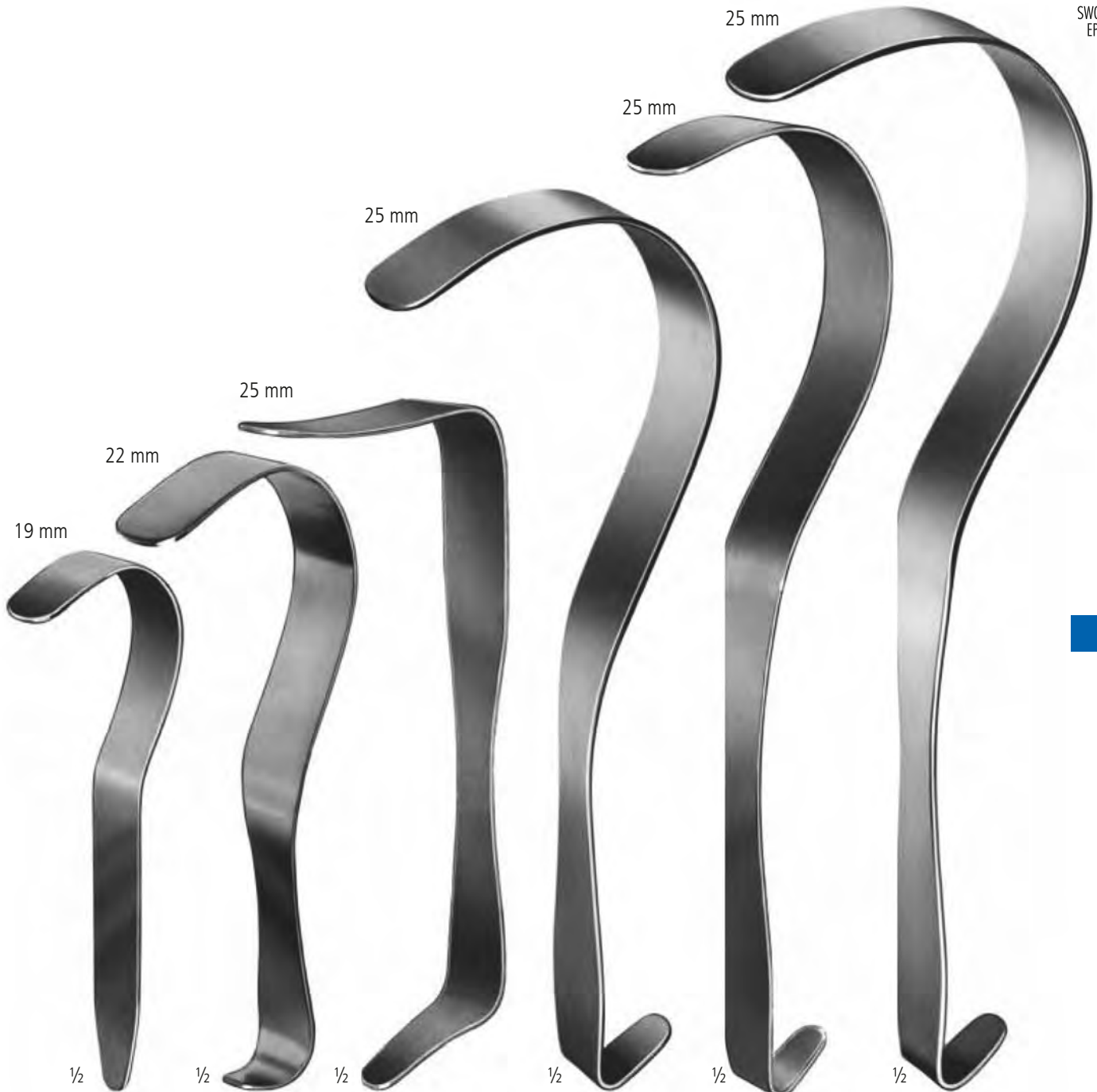
29,0 cm/11 1/2"

1/1

Wundhaken
Retractors
Ecarteurs
Separadores



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Deaver
18,0 cm/7"

15415-1

Deaver
21,5 cm/8½"

15415-2

Deaver
23,0 cm/9"

15416

Deaver
30,0 cm/12"

15419-1

Deaver
33,0 cm/13"

15419-2

Deaver
36,0 cm/14"

15419-3



Wundhaken
Retractors
Ecarteurs
Separadores

SCHWERT
SWORD · ESPADA
EPEE · SPADA



30 mm

Deaver
30,0 cm/12"

15418-1



50 mm

Deaver
30,0 cm/12"

15418-2



75 mm

Deaver
30,0 cm/12"

15418-3



Harrington
32,0 cm/12½"

15441-1 127x40 mm
15441-2 127x62 mm

Wundhaken
Retractors
Ecarteurs
Separadores



SCHWERT
SWORD · ESPADA
EPEE · SPADA

115x22 mm
115x26 mm



Simon
27,5 cm/10 $\frac{3}{4}$ "
25935-1 115x22 mm
25935-2 115x26 mm

95x20 mm



Modell Tübingen
26,5 cm/10 $\frac{1}{2}$ "
15401

105x27 mm



Martin
25,0 cm/10"
15402



Wundhaken
Retractors
Ecarteurs
Separadores

SCHWERT
SWORD · ESPADA
EPEE · SPADA



Wundhaken
Retractors
Ecarteurs
Separadores



SCHWERT
SWORD · ESPADA
EPEE · SPADA

15399-1
75x50 mm



15399-2
75x90 mm



Davidson
16,0 cm/6¼"



125x37 mm

¼

Sauerbruch
25,0 cm/10"

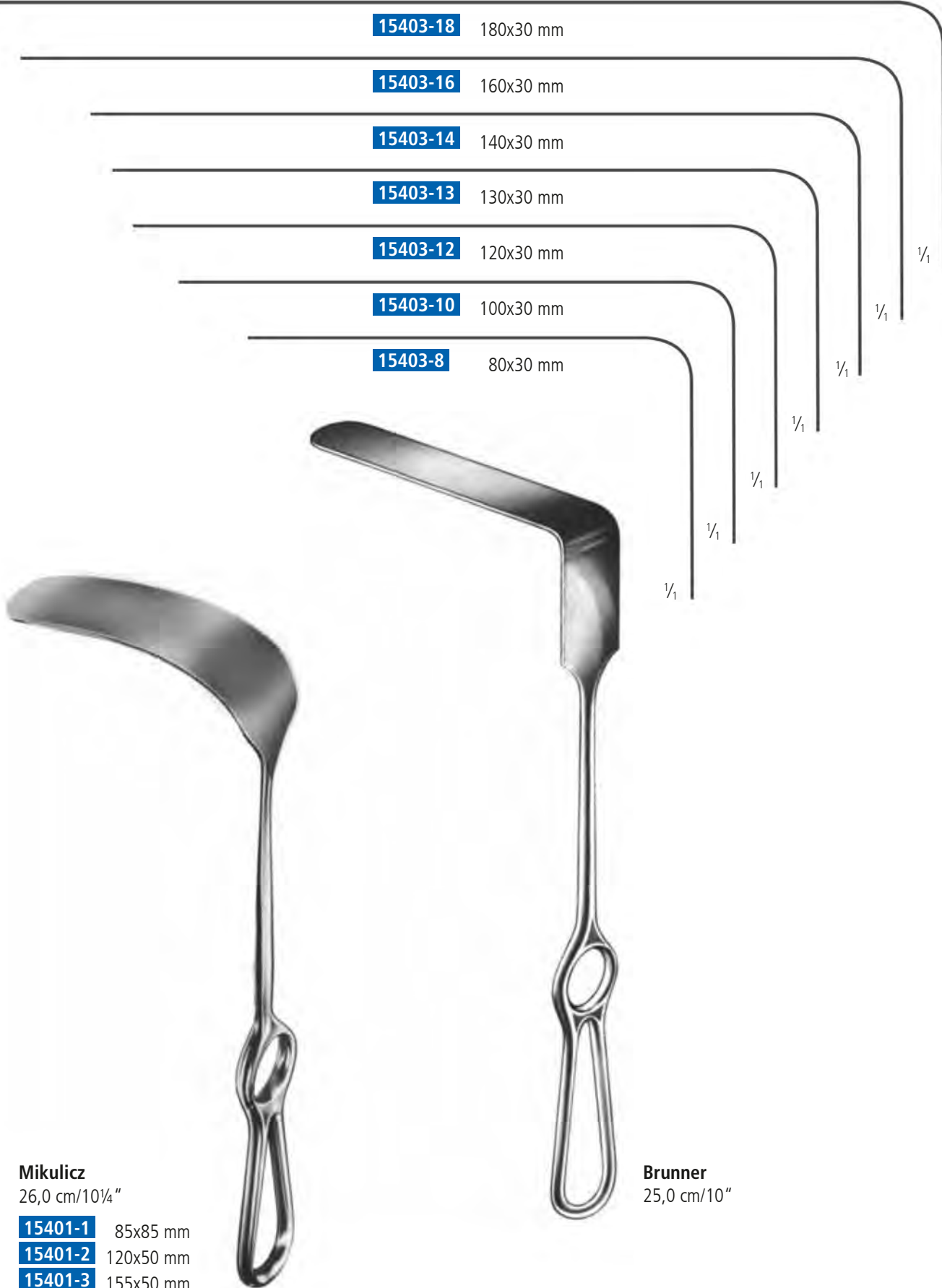
15397

½



SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Wundhaken
Retractors
Ecarteurs
Separadores**



15403-18 180x30 mm

15403-16 160x30 mm

15403-14 140x30 mm

15403-13 130x30 mm

15403-12 120x30 mm

15403-10 100x30 mm

15403-8 80x30 mm

Mikulicz
26,0 cm/10¼"

15401-1 85x85 mm

15401-2 120x50 mm

15401-3 155x50 mm

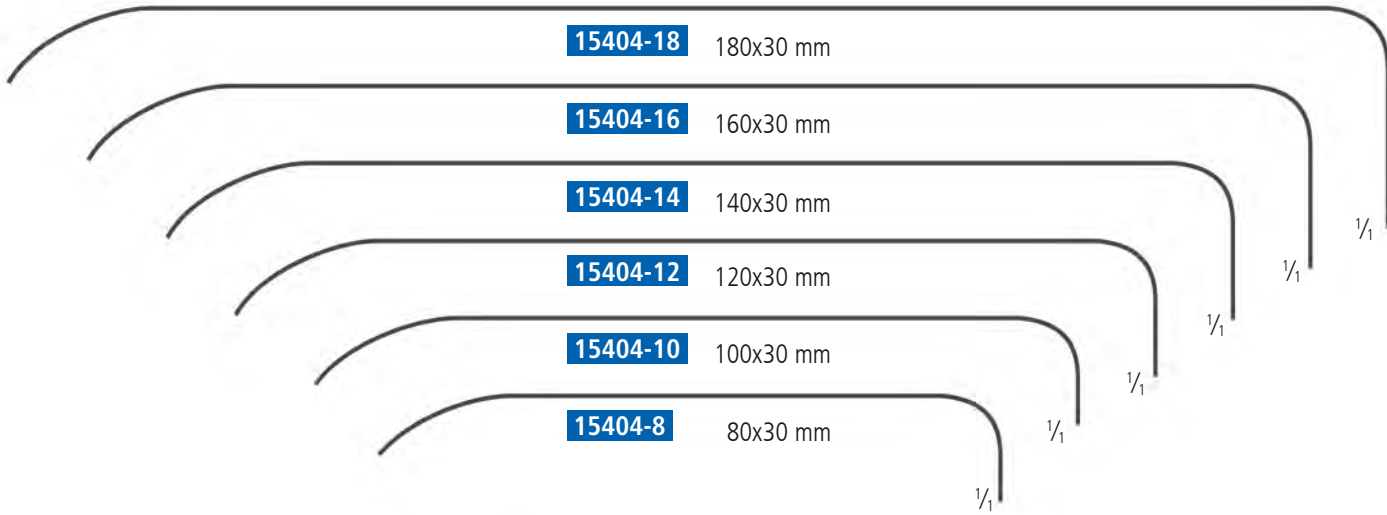
Brunner
25,0 cm/10"



Wundhaken
Retractors
Ecarteurs
Separadores



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Brunner
25,0 cm/10"



**Wundhaken
Retractors
Ecarteurs
Separadores**

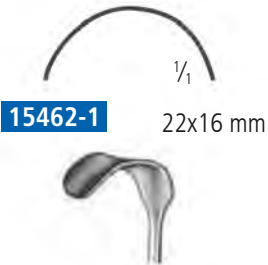
SCHWERT
SWORD · ESPADA
EPEE · SPADA



Wundhaken
Retractors
Ecarteurs
Separadores



SCHWERT
SWORD · ESPADA
EPEE · SPADA



15462-1 22x16 mm



15462-2 38x20mm



15462-3 67x25mm



15462-4 100x35mm

Kocher-Wagner
28,0 cm/11"



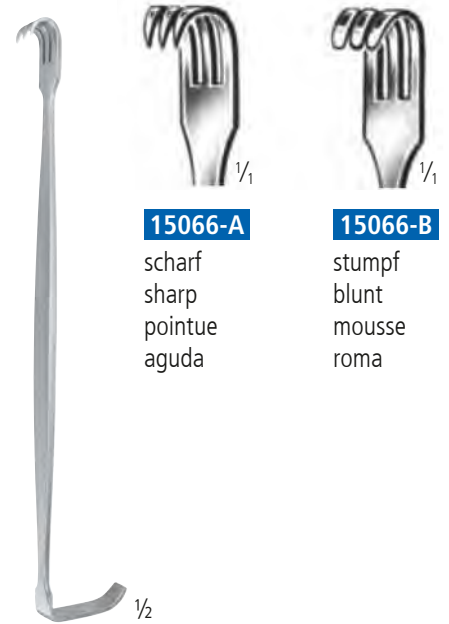
SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Wundhaken
Retractors
Ecarteurs
Separadores**



Kelly
27,0 cm/10½"

- 15672-1** 190x38 mm
- 15672-2** 190x57 mm



15066-A

scharf
sharp
pointue
aguda

15066-B

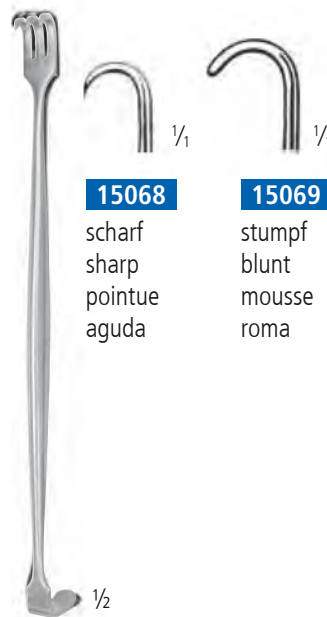
stumpf
blunt
mousse
roma

Baby-Senn-Miller
15,5 cm/6"



Ragnell-Davis
14,0 cm/5½"

15065-4



Senn-Miller
16,0 cm/6¼"

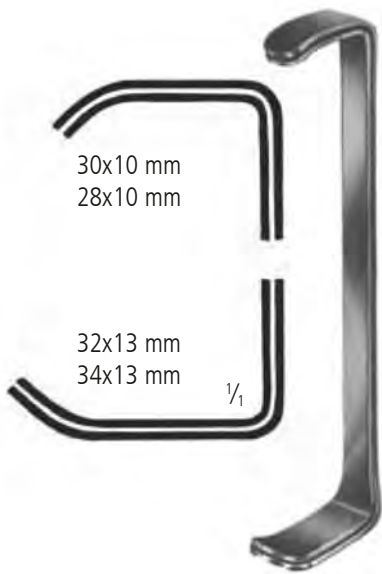


Senn-Green
15,0 cm/6"

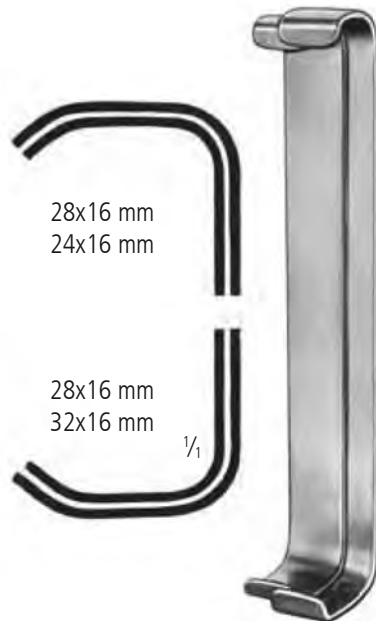
**Wundhaken
Retractors
Ecarteurs
Separadores**



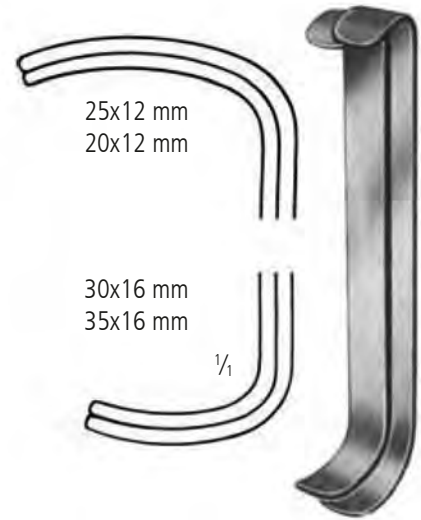
SCHWERT
SWORD · ESPADA
EPEE · SPADA



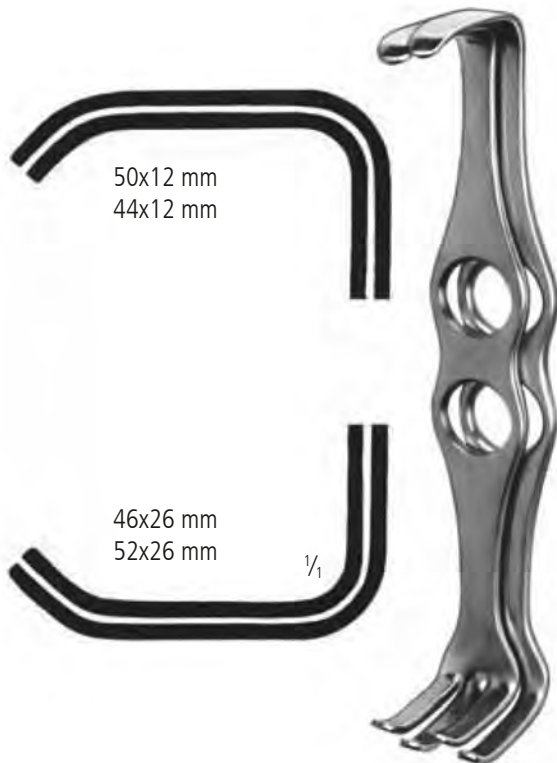
Farabeuf
12,0 cm/4¾"
15275-A
Satz, set
jeu, juego



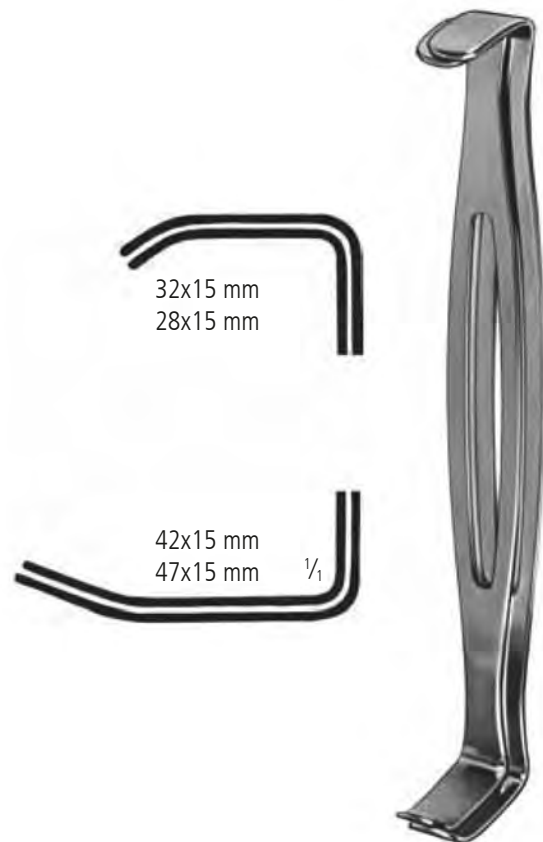
Farabeuf
15,0 cm/6"
15275-B
Satz, set
jeu, juego



Collin
15,0 cm/6"
15270
Satz, set
jeu, juego



Mathieu
20,0 cm/8"
15284
Satz, set
jeu, juego

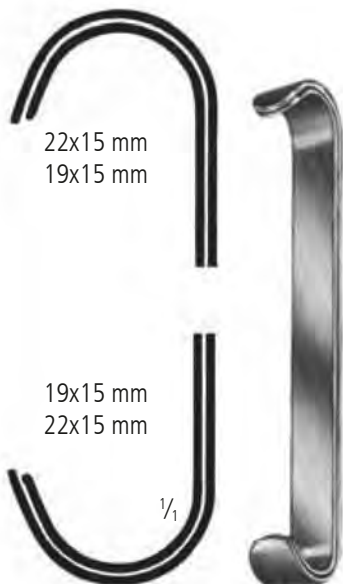


Parker-Langenbeck (US-Army)
21,0 cm/8¼"
15291
Satz, set
jeu, juego



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

**Wundhaken
 Retractors
 Ecarteurs
 Separadores**



22x15 mm
 19x15 mm

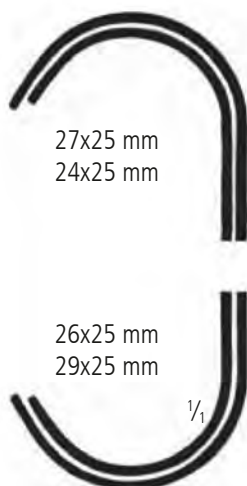
19x15 mm
 22x15 mm

1/1

Parker
 13,5 cm/5 1/4"

15292-1

Satz, set
 jeu, juego



27x25 mm
 24x25 mm

26x25 mm
 29x25 mm

1/1

Parker
 18,0 cm/7"

15292-2

Satz, set
 jeu, juego



15x15 mm

18x21 mm

1/1

Baby-Roux
 13,0 cm/5 1/4"

15278



1/1

1/1

Mini-Roux
 15,0 cm/6"

15279

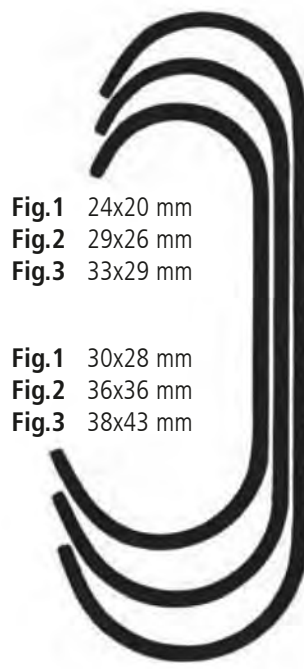


Fig.1 24x20 mm

Fig.2 29x26 mm

Fig.3 33x29 mm

Fig.1 30x28 mm

Fig.2 36x36 mm

Fig.3 38x43 mm

Roux
15277
 Satz, set
 jeu, juego

Roux
15277-1
15277-2
15277-3

Fig.1 14,0 cm/5 1/2"
Fig.3 15,0 cm/6"
Fig.4 17,0 cm/6 3/4"

**Wundspreizer
Retractors
Ecarteurs
Separadores**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



15704-A50

scharf
sharp
pointue
aguda

Finsen
5,0 cm/5"



15704-50

stumpf
blunt
mousse
roma

Finsen
7,0 cm/2¾"

15704-A70

scharf
sharp
pointue
aguda

15704-70

stumpf
blunt
mousse
roma



20441

scharf
sharp
pointue
aguda

Jansen
10,0 cm/4"



20440

stumpf
blunt
mousse
roma

Jansen
10,0 cm/4"



15707-A

scharf
sharp
pointue
aguda

Holtzheimer
10,0 cm/4"

15707-B

stumpf
blunt
mousse
roma



SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Wundspreizer
Retractors
Ecarteurs
Separadores**



Weitlaner-Loktite
10,5 cm/4 1/4"

15712-A10

scharf
sharp
pointue
aguda

15712-10

stumpf
blunt
mousse
roma



Weitlaner-Loktite

15712-A13

13,0 cm/5"

15712-A16

16,5 cm/6 1/2"

15712-A20

20,0 cm/8"

scharf
sharp
pointue
aguda

15712-13

15712-16

15712-20

stumpf
blunt
mousse
roma



Weitlaner-Wullstein
13,0 cm/5"

15714-A

scharf
sharp
pointue
aguda

15714

stumpf
blunt
mousse
roma



Weitlaner-Baby
13,0 cm/5"

15716



Scalp Contour
14,0 cm/5 1/2"

15717-A

scharf
sharp
pointue
aguda

15717-B

stumpf
blunt
mousse
roma

Wundspreizer
Retractors
Ecarteurs
Separadores



SCHWERT
SWORD · ESPADA
EPEE · SPADA



15719-B

stumpf
blunt
mousse
roma

Milligan
13,0 cm/5"



15720-A

scharf
sharp
pointue
aguda

Plester
13,0 cm/5"

15720-B

stumpf
blunt
mousse
roma



15721-1

stumpf
blunt
mousse
roma

Plester
11,0 cm/4¼"



15721-2

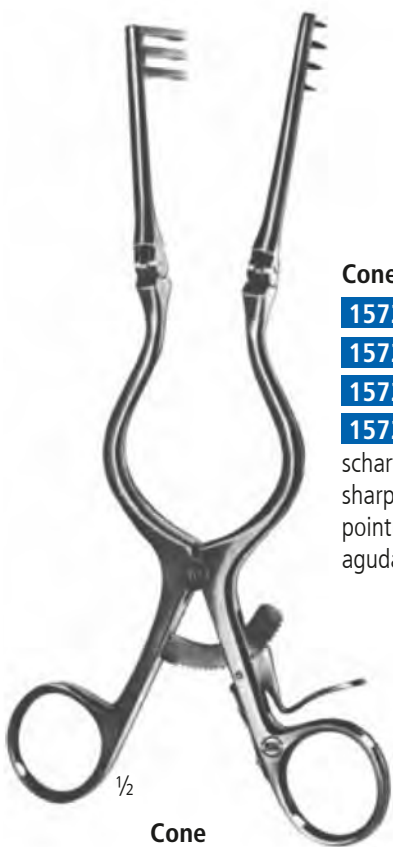
stumpf
blunt
mousse
roma

Plester
11,0 cm/4¼"



SCHWERT
SWORD - ESPADA
EPEE - SPADA

**Wundspreizer
Retractors
Ecarteurs
Separadores**



Cone

- 15722-A13** 13,0 cm/5"
- 15722-A16** 16,5 cm/6½"
- 15722-A20** 13,0 cm/5"
- 15722-A26** 16,5 cm/6½"

scharf
sharp
pointue
aguda

- 15722-13**
- 15722-16**
- 15722-20**
- 15722-26**

stumpf
blunt
mousse
roma



Tübinger Modell
16,5 cm/6½"

15710-16



Mollison
15,5 cm/6"

15709-15

scharf
sharp
pointue
aguda



Adson-Baby
16,0 cm/6¼"

15711-A16

scharf
sharp
pointue
aguda

15711-B16

stumpf
blunt
mousse
roma

**Wundspreizer
Retractors
Ecarteurs
Separadores**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



15726-A

scharf
sharp
pointue
aguda

15726

stumpf
blunt
mousse
roma

Adson
32,0 cm/12½



15725-31

scharf
sharp
pointue
aguda

15725-B31

stumpf
blunt
mousse
roma

Beckmann
32,0 cm/12¼



18 mm

15740-A20

scharf
sharp
pointue
aguda

15740-B20

stumpf
blunt
mousse
roma

Adson
20,0 cm/8"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Wundspreizer
Retractors
Ecarteurs
Separadores**

25 mm



Adson
26,5 cm/10½"

15740-A26

scharf
sharp
pointue
aguda

15740-B26

stumpf
blunt
mousse
roma

35 mm



Adson
26,5 cm/10½"

15741-A26

scharf
sharp
pointue
aguda

15741-B26

stumpf
blunt
mousse
roma

**Wundspreizer
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Rigby

15818

100 mm	70x16 mm
Spreizweite	Seitliche Valven
Spread	Lateral blades
Ecartement	Valves latérales
Apertura de la hoja	Valvas laterales



Markham-Meyerding

15728-1

83 mm	45x25 mm
18,0 cm/7"	Spreizweite
	Valve rechts
	Spread
	Blade right side
	Ecartement
	Valve à droite
	Apertura de la hoja
	Valva a la derecha



Markham-Meyerding

15728-2

83 mm	45x25 mm
18,0 cm/7"	Spreizweite
	Valve links
	Spread
	Blade left side
	Ecartement
	Valve à gauche
	Apertura de la hoja
	Valva a la izquierda



Meyerding

15728-11

15728-12

15728-13

15728-14

25x30 mm
25x55 mm
25x60 mm
20x60 mm
Seitliche Valven
Lateral blades
Valves latérales
Valvas laterales

19,0 cm/7½"





SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Wundspreizer
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales**



Gelpi-Loktite

15718-9 9,0 cm/3½"

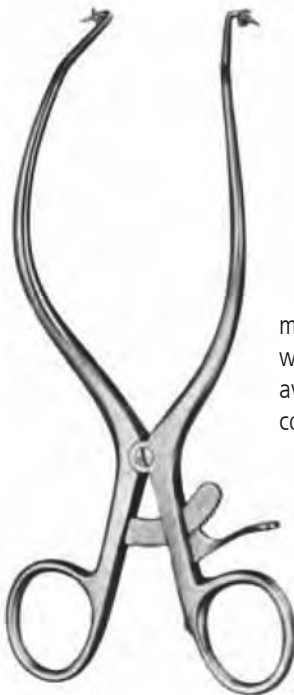
15718-11 11,5 cm/4½"



Gelpi-Loktite

15718-13 14,0 cm/5½"

15718 18,0 cm/7"



mit Kugel
with bals
avec boules
con bolas

Gelpi-Loktite

15760 18,0 cm/7"



DeBakey

15761-10 100 mm

15761-14 145 mm

**Wundsperrer
Retractors
Ecarteurs
Separadores**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



1/2

Beckmann-Eaton
32,0 cm/12 3/4"

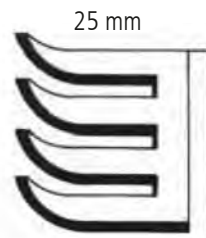
15729-32

scharf
sharp
pointue
aguda



1/2

Beckmann-Adson
31,0 cm/12 1/4"



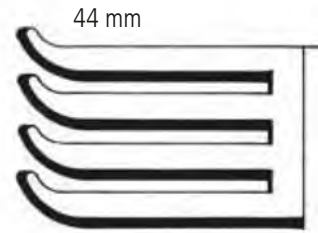
25 mm

15727-1B

stumpf
blunt
mousse
roma

15727-1A

scharf
sharp
pointue
aguda



44 mm

15727-4B

stumpf
blunt
mousse
roma

15727-4A

scharf
sharp
pointue
aguda



1/2

Anderson-Adson
19,5 cm/8"

15715-A20

scharf	gewinkelte Arme
sharp	angular
pointue	anglé
aguda	angulado



SCHWERT
SWORD - ESPADA
EPEE - SPADA

Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales



Ricard

15745-28	280 mm	75x85 mm	80x90 mm
15745-30	300 mm	60x80 mm	55x70 mm
	Spreizweite	Seitliche Valven	Mittelvalve
	Spread	Lateral blades	Center blade
	Ecartement	Valves latérales	Valve centrale
	Apertura de la hoja	Valvas laterales	Valve central



Holzbach

15746	62x80 mm	80x00 mm
	Seitliche Valven	Mittelvalve
	Lateral blades	Center blade
	Valves latérales	Valve centrale
	Valvas laterales	Valve central



Collin-Loktite

26,0 cm/10½"

15747-16	160 mm	60x80 mm	60x75 mm
	Spreizweite	Seitliche Valven	Mittelvalve
	Spread	Lateral blades	Center blade
	Ecartement	Valves latérales	Valve centrale
	Apertura de la hoja	Valvas laterales	Valve central

**Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



komplett mit 2 Paar Valven
complete, with 2 pairs of blades
complet, avec 2 paires de valves
completo, con 2 pares de valvas

Baby-Collin

15747-8	80 mm	27x40 mm
	Spreizweite	18x40 mm
	Spread	Seitliche Valven
	Ecartement	Lateral blades
	Apertura de la hoja	Valves latérales
		Valvas latérales



Collin

15752	100 mm	38x60 mm
	Spreizweite	Seitliche Valven
	Spread	Lateral blades
	Ecartement	Valves latérales
	Apertura de la hoja	Valvas latérales



Collin-Loktite

15753	100 mm	38x60 mm	38x55 mm
15753-2	100 mm	38x80 mm	50x75 mm
	Spreizweite	Seitliche Valven	Mittelvalve
	Spread	Lateral blades	Center blade
	Ecartement	Valves latérales	Valve centrale
	Apertura de la hoja	Valvas latérales	Valve central



**Wechselvalven
Exchangeable blades
Valves interchangeables
Valvas intercambiables**

15755-18	18x40 mm
15755-27	27x40 mm
15755-38	38x60 mm
15755-40	40x80 mm



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 SWORD · ESPADA
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**Bauchdeckenhalter
 Abdominal Retractors
 Ecarteurs abdominaux
 Separadores abdominales**



Gosset

15765-1

100 mm	30x40 mm
Spreizweite	Seitliche Valven
Spread	Lateral blades
Ecartement	Valves latérales
Apertura de la hoja	Valvas laterales



Gosset

15770-1

100 mm	30x40 mm
Spreizweite	Seitliche Valven
Spread	Lateral blades
Ecartement	Valves latérales
Apertura de la hoja	Valvas laterales



Gosset

15770-3

140 mm	35x63 mm
Spreizweite	Seitliche Valven
Spread	Lateral blades
Ecartement	Valves latérales
Apertura de la hoja	Valvas laterales



Gosset

15771

160 mm	35x63 mm	56x60 mm
Spreizweite	Seitliche Valven	Mittelvalve
Spread	Lateral blades	Center blade
Ecartement	Valves latérales	Valve centrale
Apertura de la hoja	Valvas laterales	Valve central

Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales



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Balfour-Baby

15779	90 mm	26x38 mm	25x23 mm
	Spreizweite	Seitliche Valven	Mittelvalve
	Spread	Lateral blades	Center blade
	Ecartement	Valves latérales	Valve centrale
	Apertura de la hoja	Valvas latérales	Valve central



Balfour

15781	180 mm	35x70 mm	45x80 mm
	Spreizweite	Seitliche Valven	Mittelvalve
	Spread	Lateral blades	Center blade
	Ecartement	Valves latérales	Valve centrale
	Apertura de la hoja	Valvas latérales	Valve central



Balfour

15783	200 mm	35x100 mm	60x100 mm
	Spreizweite	Seitliche Valven	Mittelvalve
	Spread	Lateral blades	Center blade
	Ecartement	Valves latérales	Valve centrale
	Apertura de la hoja	Valvas latérales	Valve central



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**Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales**



Balfour

15785

250 mm	35x100 mm	70x85 mm
Spreizweite	Seitliche Valven	Mittelvalve
Spread	Lateral blades	Center blade
Ecartement	Valves latérales	Valve centrale
Apertura de la hoja	Valvas laterales	Valve central



Balfour

15782

180 mm	35x700 mm	45x80 mm
Spreizweite	Seitliche Valven	Mittelvalve
Spread	Lateral blades	Center blade
Ecartement	Valves latérales	Valve centrale
Apertura de la hoja	Valvas laterales	Valve central



Mittelvalve allein
Center blade only
Valve centrale seule
Valta central suelta

Balfour

15781-11

45x80 mm

15785-11

70x85 mm

15783-11

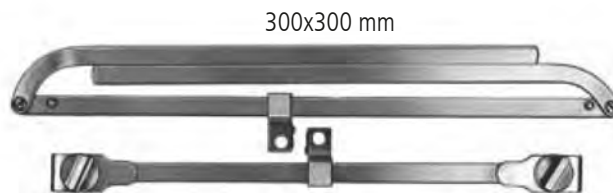
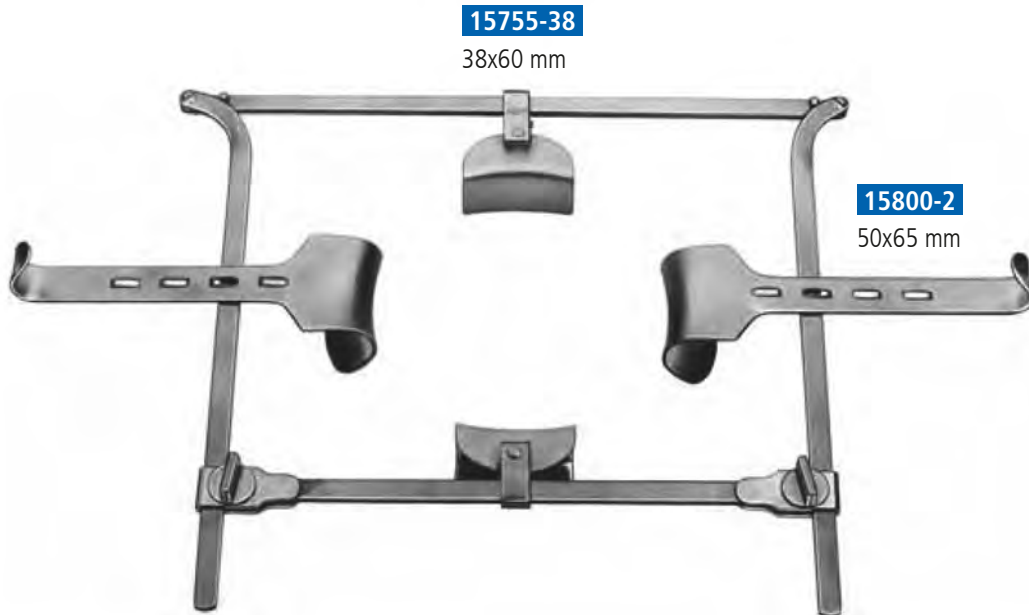
100x60 mm



Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales



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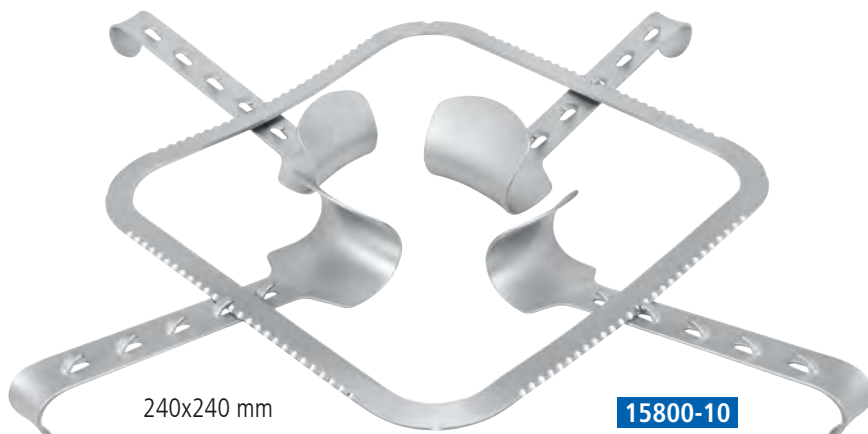
Franz			Tiefe	Breite
			Depth	Width
			Profondeur	Largueur
			Profundidad	Anchura
15805	mit 4 Valven	2x	50 mm	x 65 mm
	with 4 valves	2x	38 mm	x 60 mm
15805-8	mit 8 Valven	2x	50 mm	x 65 mm
	with 8 valves	2x	38 mm	x 60 mm
	avec 8 valves	2x	60 mm	x 85 mm
	con 8 valvas	2x	45 mm	x 80 mm

15805-R
 Rahmen zusammenlegbar
 Folding frame
 Cadre pliant
 Cuadro plegable



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Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales



240x240 mm

Rahmen starr
Fixed frame
Cadre fixe
Cuadro fijo

15800-10

Rahmen allein
Frame only
Cadre seul
Cuadro suelto



Kirschner

- 15800-1** 40x55 mm
- 15800-2** 50x65 mm
- 15800-3** 60x85 mm
- 15800-4** 78x65 mm
- 15800-5** 80x90 mm



Kirschner

- 15800-6** 98x50 mm
- 15800-7** 105x35 mm

		Tiefe		Breite	
		Depth		Width	
Kirschner		Profondeur	Largueur	Anchura	
15800	mit 4 Valven	2x 40 mm	x 55 mm		
	with 4 valves	2x 50 mm	x 65 mm		
	avec 4 valves				
	con 4 valvas				



175x150 mm

15823-10

Rahmen allein
Frame only
Cadre seul
Cuadro suelto

Valven allein
Valves only
Valves seules
Valvas sueltas

		Tiefe		Breite	
		Depth		Width	
Denis-Browner		Profondeur	Largueur	Anchura	
15823	mit 4 Valven	2x 40 mm	x 30 mm		
	with 4 valves	2x 40 mm	x 40 mm		
	avec 4 valves				
	con 4 valvas				

- 15823-1** 20x30 mm
- 15823-2** 20x40 mm
- 15823-3** 40x30 mm
- 15823-4** 40x40 mm



Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales



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15815-10

Rahmen allein
 Frame only
 Cadre seul
 Cuadro suelto

O'Sullivan-O'Connor

15815

mit 3 Valven 2x
 with 3 valves 2x
 avec 3 valves
 con 3 valvas

Tiefe	Breite
Depth	Width
Profondeur	Largueur
Profundidad	Anchura

80 mm	x 45 mm
110 mm	x 70 mm



Valve allein
 Valve only
 Valve seules
 Valva sueltas

15815-1

80x45 mm



Valve allein
 Valve only
 Valve seules
 Valva sueltas

15815-2

110x70 mm



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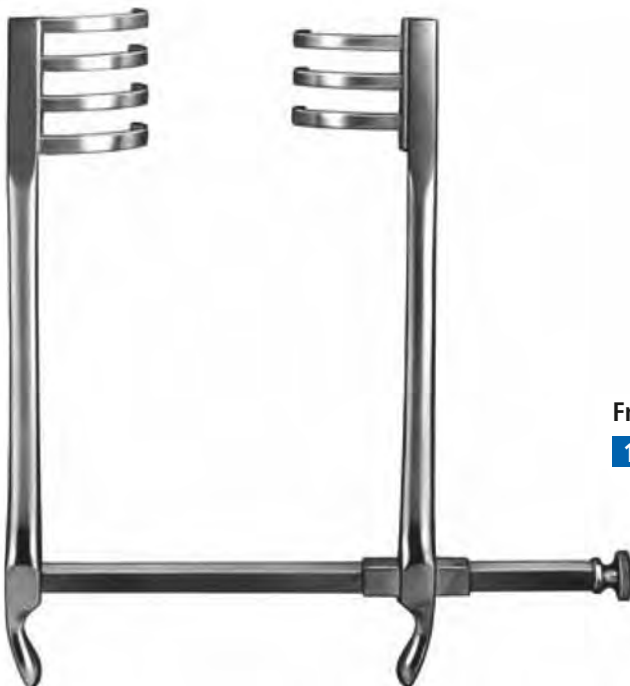
Bauchdeckenhalter
Abdominal Retractors
Ecarteurs abdominaux
Separadores abdominales



Temple-Fay

15773

120 mm
Spreizweite
Spread
Ecartement
Apertura de la hoja



Frazier

15774

85 mm
Spreizweite
Spread
Ecartement
Apertura de la hoja

Bauch- und Darmspatel
Abdominal and Intestinal Spatulas
Spatules abdominales et intestinales
Espátulas abdominales y intestinales



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

biegsam, flexible, maleable, flexible



24405-30

33,0 cm/13"
 30 mm

24405-40

33,0 cm/13"
 40 mm

24405-50

33,0 cm/13"
 50 mm

biegsam, flexible, maleable, flexible



Haberer

24409-28

28,0 cm/11"
 25x30 mm

24409-30

30,0 cm/12"
 37x45 mm



Reverdin

24414

28,5 cm/11¼"
 65x45 mm

biegsam, flexible, maleable, flexible



24407-6

20,0 cm/8"
 6 mm

24407-9

20,0 cm/8"
 9 mm

24407-12

20,0 cm/8"
 12 mm

24407-17

20,0 cm/8"
 17 mm

24407-20

20,0 cm/8"
 20 mm

24407-25

20,0 cm/8"
 25 mm

biegsam, flexible, maleable, flexible



Tuffier

24417

20,0 cm/8"
 17x25 mm



SCHWERT
SWORD · ESPADA
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Bauch- und Darmspatel
Abdominal and Intestinal Spatulas
Spatules abdominales et intestinales
Espátulas abdominales y intestinales



46 mm

biegsam
flexible
maleable
flexible

Kuemmel
33,0 cm/13"

24420 46 mm



Kader
27,0 cm/10³/₄"

24421-20 20 mm

24421-30 30 mm

24421-40 40 mm



biegsam
flexible
maleable
flexible

41,0 cm/16"

24425-30 30 mm

24425-40 40 mm

24425-50 50 mm

24425-60 60 mm

24425-70 70 mm



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Thorax- und Gefäß-Chirurgie

Thoracic and Vascular Surgery

Chirurgie Thoracique et Vasculaire

Cirugía Torácica y Vascular





Knochen- und Rippenscheren
Bone and Rib Shears
Costotomes, Cisailles pour os
Cizallas para huesos y costillas

SCHWERT
SWORD · ESPADA
EPEE · SPADA

mit ziehendem Schnitt
with eccentric sliding blade
avec lame glissante
con hoja de retroacción



16430
22,5 cm/9"

Rippenschere
Rib Shears
Costotomes
Cizallas para costillas



16432-23
22,5 cm/9"

Knochenschere
Bone Shears
Cisailles pour os
Cizallas para huesos



Gluck
21,0 cm/8³/₄"
16434-22

Rippenschere
Rib Shears
Costotomes
Cizallas para costillas

Rippenscheren
Rib Shears
Costotomes
Cizallas para costillas



SCHWERT
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EPEE · SPADA

Griffe mit Gummiüberzug
Handles with rubber cover
Manches avec couverture en caoutchouc
Mangos con cubierta de goma



Bethune
34,0 cm/13½"

16470-1



Giertz-Stille
27,0 cm/10½"

16484-25



Brunner
32,0 cm/12½"

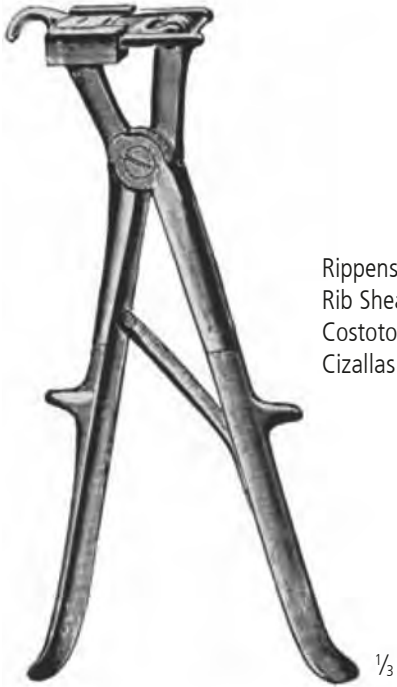
16479-1

für die rechte Hand
for the right hand
pour la main droite
para la mano derecha



SCHWERT
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Knochen- und Rippenscheren Bone and Rib Shears Costotomes, Cisailles pour os Cizallas para huesos y costillas



Rippenschere
Rib Shears
Costotomes
Cizallas para costillas

Sauerbruch
26,0 cm/10¼"

16457-26



Rippenschere
Rib Shears
Costotomes
Cizallas para costillas

Sauerbruch-Frey
36,0 cm/14"

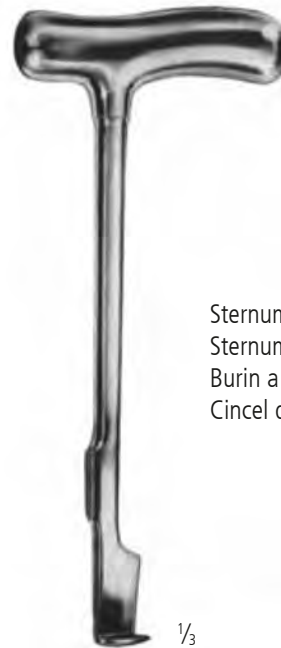
16480



Sternumschere
Sternum scissors
Cisailles à sternum
Tijeras de esternón

Lebsche
25,0 cm/10"

16490



Sternummeißel
Sternum chisel
Burin a Sternum
Cinzel de esternón

Lebsche
24,5 cm/9¾"

16498

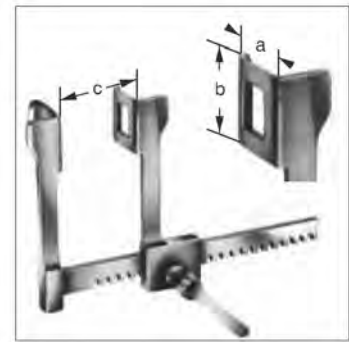
Rippensperrer aus Aluminium
 Rib Spreaders from Aluminium
 Ecarteurs des côtes en aluminium
 Separadores costales de aluminio



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Aluminium
 Aluminio



Finocchietto-Infant

	a	b	c
16560	10 mm	15 mm	70 mm



Aluminium
 Aluminio

Finocchietto-Baby-Haight

	a	b	c
16561	31 mm	31 mm	80 mm



Aluminium
 Aluminio

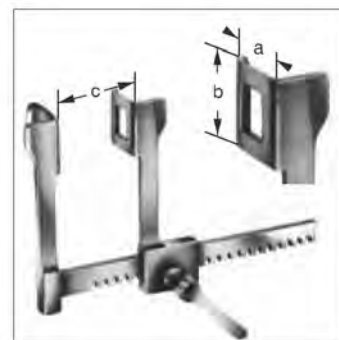
Finocchietto

	a	b	c
16562-1	30 mm	45 mm	140 mm
16562-2	40 mm	62 mm	175 mm
16562-3	64 mm	65 mm	175 mm



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Rippensperrer aus Aluminium
Rib Spreaders from Aluminium
Ecarteurs des côtes en aluminium
Separadores costales de aluminio



Aluminium
Aluminio

Burford	für Kinder for children pour enfants para niños	mit 2 Paar Valven with 2 pairs of blades avec 2 paires de valves con 2 pares de valvas	
	a	b	c
16563	41 mm 30 mm	42 mm 42 mm	130 mm



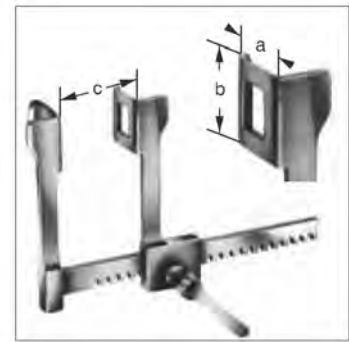
Aluminium
Aluminio

Burford	für Erwachsene for adults pour adultes para adultes	mit 2 Paar Valven with 2 pairs of blades avec 2 paires de valves con 2 pares de valvas	
	a	b	c
16564-1	65 mm 47 mm	62 mm 62 mm	165 mm
16564-2	65 mm 47 mm	62 mm 62 mm	250 mm
16564-3	65 mm 47 mm	62 mm 62 mm	290 mm

Rippensperrer aus Aluminium
Rib Spreaders from Aluminium
Ecarteurs des côtes en aluminium
Separadores costales de aluminio



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Aluminium
 Aluminio

für Säuglinge
 for newborns
 pour bébés
 para recién nacidos

Cooley

	a	b	c
16565-1	12 mm	16 mm	70 mm



Aluminium
 Aluminio

für Kinder
 for children
 pour enfants
 para niños

Cooley

	a	b	c
16565-2	15 mm	30 mm	100 mm



Aluminium
 Aluminio

für Erwachsene
 for adults
 pour adultes
 para adultos

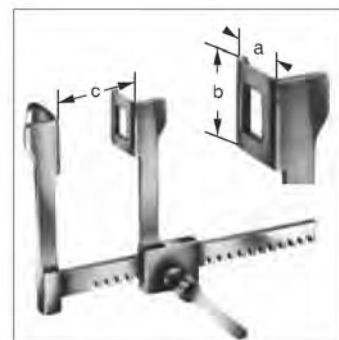
Cooley

	a	b	c
16565-3	21 mm	44 mm	140 mm
16565-4	30 mm	50 mm	185 mm



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Rippensperrer aus Aluminium
Rib Spreaders from Aluminium
Ecarteurs des côtes en aluminium
Separadores costales de aluminio



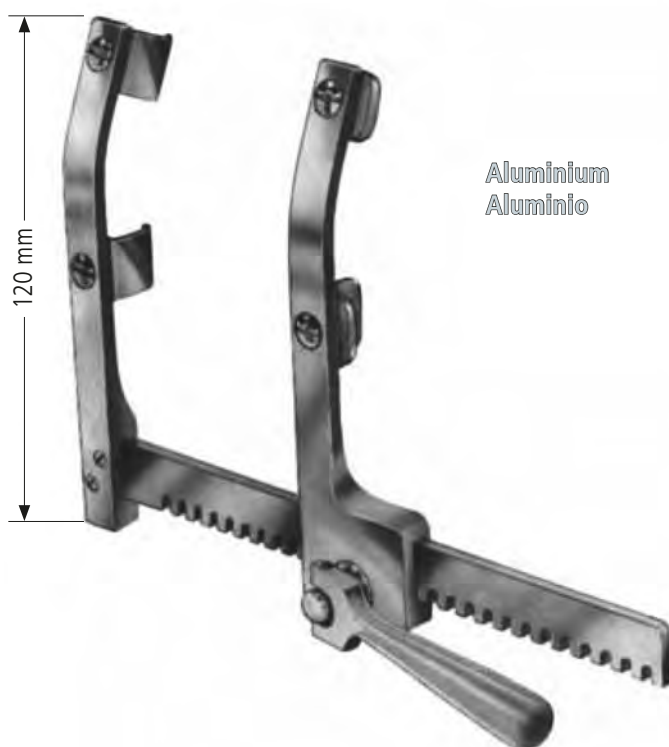
Aluminium
Aluminio

für Säuglinge
for newborns
pour bébés
para recién nacidos

Castañeda	a	b	c
16566-1	10,5 mm	32 mm	65 mm

für Kinder
for children
pour enfants
para niños

Castañeda	a	b	c
16566-2	12 mm	45 mm	70 mm
16566-3	15 mm	60 mm	100 mm



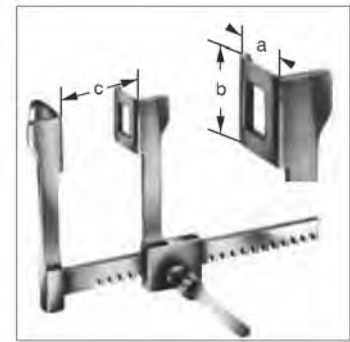
Aluminium
Aluminio

Morse	a	b	c
16567	20 mm	20 mm	165 mm

Rippensperrer
Rib Spreaders
Ecarteurs des côtes
Separadores costales



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Finocchietto-Baby

	a	b	c
16584	19 mm	20 mm	75 mm



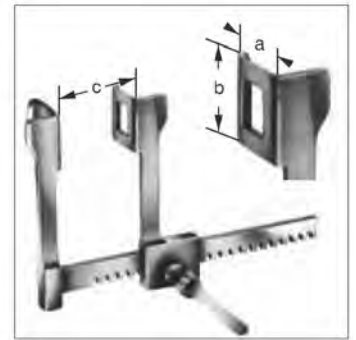
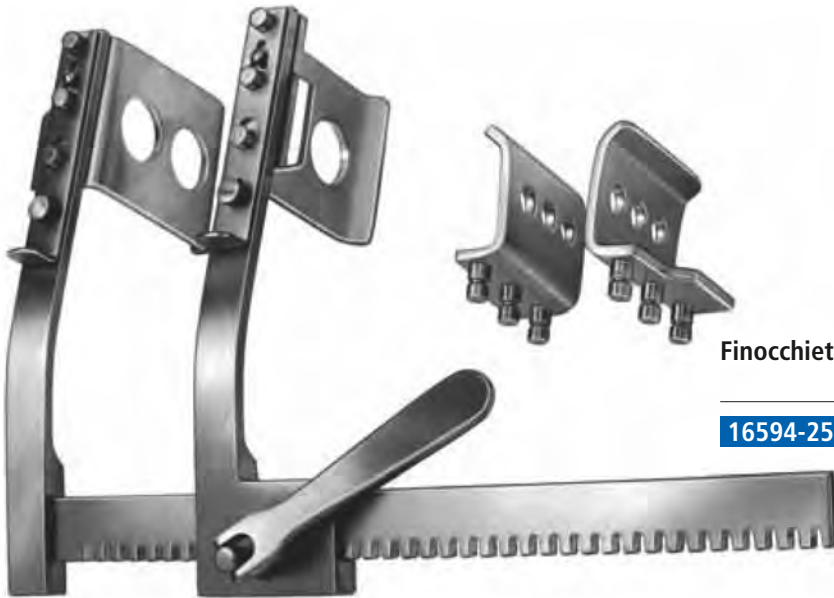
Finocchietto

	a	b	c
16590-1	40 mm	40 mm	165 mm
16590-2	45 mm	65 mm	200 mm
16590-3	65 mm	65 mm	250 mm



Rippensperrer
Rib Spreaders
Ecarteurs des côtes
Separadores costales

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Finocchietto-Burford

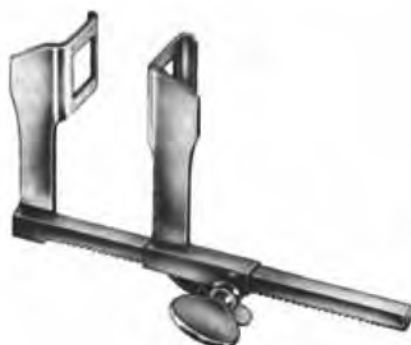
	a	b	c
16594-25	80 mm 40 mm	67 mm 67 mm	250 mm

mit 2 Paar Valven
 with 2 pairs of blades
 avec 2 paires de valves
 con 2 pares de valvas



Tuffier

	a	b	c
16574-16	50 mm	45 mm	165 mm



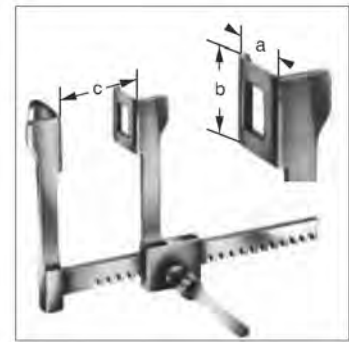
Haight

	a	b	c
16586	30 mm	30 mm	90 mm

Rippensperrer
 Rib Spreaders
 Ecarteurs des côtes
 Separadores costales



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Cooley	für Kinder for children pour enfants para niños		
	a	b	c
16576-1	21 mm	45 mm	145 mm

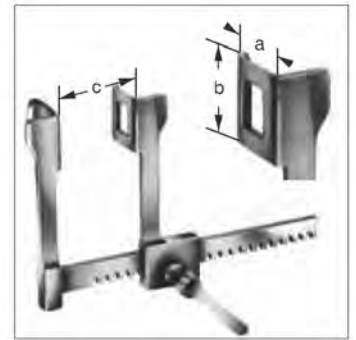


Cooley	für Erwachsene for adults pour adultes para adultos		
	a	b	c
16576-2	32 mm	50 mm	190 mm



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Rippensperrer
Rib Spreaders
Ecarteurs des côtes
Separadores costales



Morse

für Kinder
for children
pour enfants
para niños

	a	b	c
16577-1	12 mm	20 mm	200 mm

Morse

für Erwachsene
for adults
pour adultes
para adultos

	a	b	c
16577-2	19 mm	19 mm	200 mm



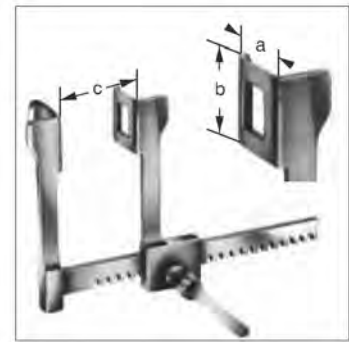
Morse-Favaloro

	a	b	c
16578	38 mm	28 mm	200 mm

Rippensperrer
 Rib Spreaders
 Ecarteurs des côtes
 Separadores costales

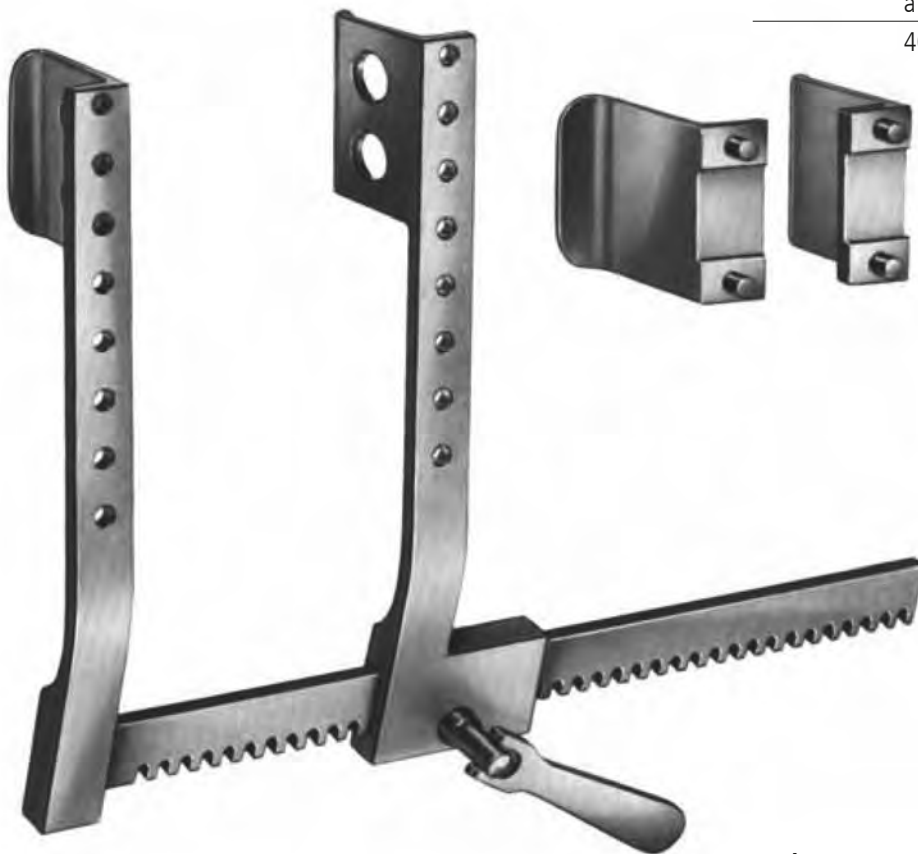


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mit 1 Paar zusätzlich abnehmbaren Valven
 with 1 pair of additional detachable blades
 avec 1 paire de valves démontables, supplémentaire
 con 1 par de valvas desmontables, adicional

a	b
40 mm	50 mm



Harken

	a	b	c
16579	45 mm	65 mm	250 mm



SCHWERT
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Rippenkontraktoren
Rib Contractors
Rapprocheurs costaux
Aproximadores para costillas

Lungenspatel
Lung Spatulas
Spatules pulmonaires
Espátulas pulmonares



Bailey-Gibbon

16553

16,0 cm/6¼"



Bailey

16550

16,0 cm/6¼"



Bailey-Baby

16549

14,0 cm/5½"



Lungenspatel
Lung Spatulas
Spatules pulmonaires
Espátulas pulmonares

Allison

15445

40 mm
27,0 cm/11"

Lungenfazzangen
 Lung Grasping Forceps
 Pincés-clamps à poumons
 Pinzas-clamps pulmonares



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25 mm/1"



gerade
 straight
 droits
 rectas

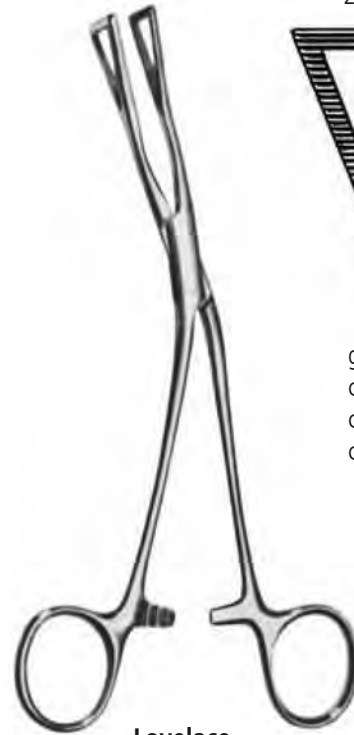
Lovelace

16825

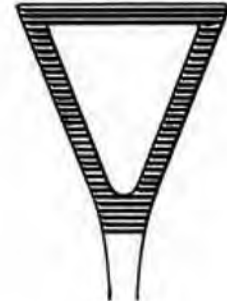
20,0 cm/8"

16826

20,0 cm/8"



25 mm/1"



gebogen
 curved
 courbes
 curvas

Lovelace

16837-3

20,0 cm/8"



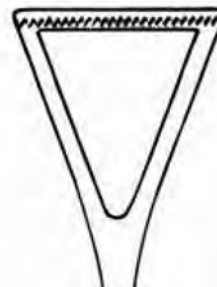
13 mm/1/2"



16830-1

20,0 cm/8"

25 mm/1"



16830-3

20,0 cm/8"

16829-3

23,0 cm/9 1/4"

Duval



Gefäßklemmen
Blood Vessel Clamps
Pinces vasculaires
Clamps para vasos

SCHWERT
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EPEE - SPADA



Satinsky
26,5 cm/10½"

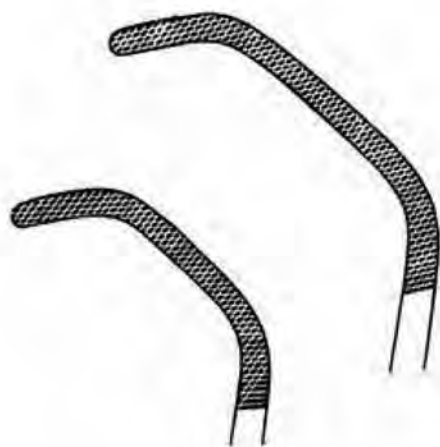


Fig. 1
17447-1

Fig. 2
17447-2



Satinsky
26,5 cm/10½"

s-förmig
s-shaped
forme en S
en forma de S

Fig. 1
17449-1

Fig. 2
17449-2

Gefäßklemmen
Blood Vessel Clamps
Pinces vasculaires
Clamps para vasos



Gefäßklemmen
 Blood Vessel Clamps
 Pinces vasculaires
 Clamps para vasos

Baby-Satinsky

17450-15

15,0 cm/6"

Gefäßdilatoren
Vascular Dilators
Dilatateurs vasculaires
Dilatadores vasculares

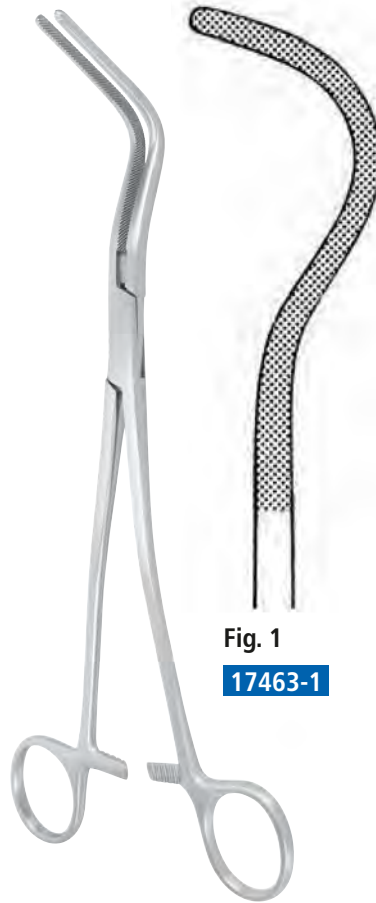


Fig. 1

17463-1



Fig. 2

17463-2



Fig. 3

17463-3

Harken

24,0 cm/9½"

Gefäßdilatoren
 Vascular Dilators
 Dilatateurs vasculaires
 Dilatadores vasculares

biegsam
 malleable maleable
 flexible



19,0 cm/7½"



17104-05

0,5 mm Ø



17104-10

1,0 mm Ø



17104-15

1,5 mm Ø



17104-20

2,0 mm Ø



17104-25

2,5 mm Ø



17104-30

3,0 mm Ø



17104-35

3,5 mm Ø



17104-40

4,0 mm Ø



17104-45

4,5 mm Ø



17104-50

5,0 mm Ø



17104-70

7,0 mm Ø



17104-90

9,0 mm Ø



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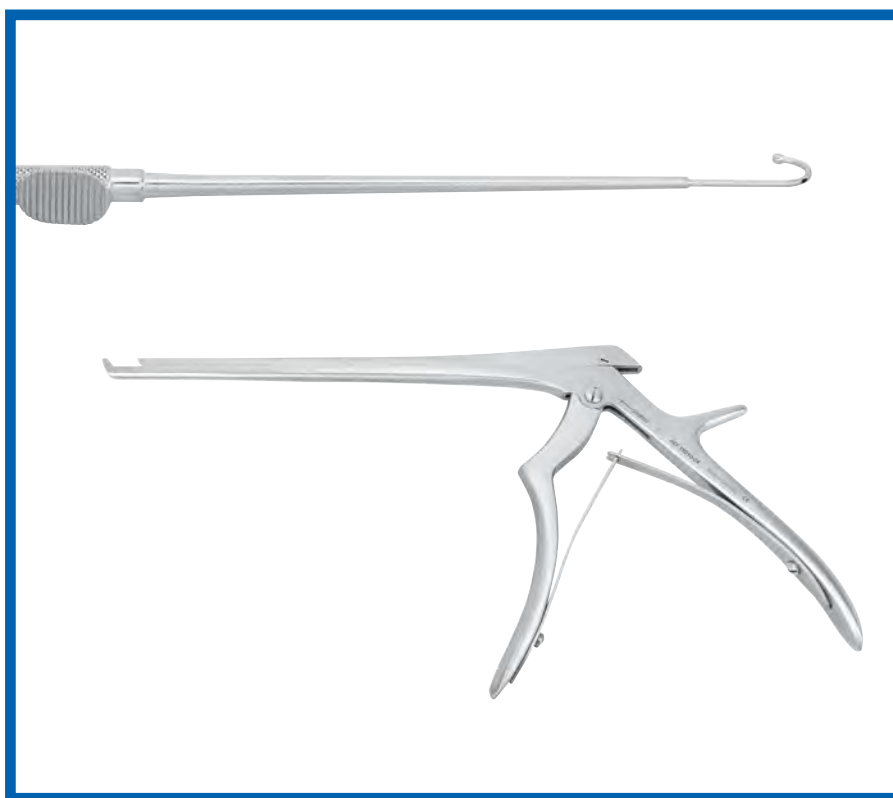
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Kopf und Wirbelsäule

Head and Spine

Tête et Colonne Vertébrale

Cabeza y Columna Vertebral



Instrumente zur Schädelöffnung
Instruments for Cranial Opening
Instrumentes pour l'ouverture du crâne
Instrumentes para abertura craneana



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Drahtsäge
 Wire Saw
 Scie en fil
 Sierra de hilo



Olivecrona

2-fach, two-fold
 à deux pièces, de dos piezas
1,2 mm Ø

- 13260-30 Fig. 1** 30 cm/12"
- 13260-40 Fig. 2** 40 cm/16"
- 13260-50 Fig. 3** 50 cm/20"
- 13260-60 Fig. 4** 60 cm/24"
- 13260-70 Fig. 5** 70 cm/28"

Gigli

3-fach, three-fold
 à trois pièces, de tres piezas
1,4 mm Ø

- 13265-30 Fig. 1** 30 cm/12"
- 13265-40 Fig. 2** 40 cm/16"
- 13265-50 Fig. 3** 50 cm/20"
- 1,8 mm Ø**
- 13266-50 Fig. 1** 50 cm/20"



Gigli

13271

Sägegriff
 Saw Handle
 Manche pour scies
 Mango para sierras

Martel

Einführungsinstrument für Drahtsägen
 Conductor for wire saws
 Conducteur pour scies en fil
 Conductores para sierras de hilo

- 13284-30** 30 cm/12"
- 13284** 33,0 cm/13¼"



Schädelzangen
 Scull-Cutting Forceps
 Pincas pour le crâne
 Pinzas para el cráneo

Dahlgren

18173

20,0 cm/8"



De Vilbiss

18178

21,0 cm/8¼"





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Schädelhalter
Cervical Traction Tongs
Pinces de traction crânienne
Pinzas de tracción craneal



18114

Schädelhalter für die Extension des Halswirbels, Dorne verstellbar, Vorbohren nicht erforderlich

Cervical Traction Tong, for extension of the neck vertebrae, pins adjustable hence no initial drilling

Pince de traction crânienne, pour l'extension des vertèbres cervicales, madrins réglables supprimant la perforation initiale

Pinza de tracción craneal para la extensión de las vértebras de cuello, puntas ajustables suprimiendo perforaciones iniciales



Crutchfield

18116 Fig. 1

Schädelhalter
Cervical Traction Tong
Pince de traction crânienne
Pinza de tracción craneal



Crutchfield

18117 Fig. 2

Schädelhalter
Cervical Traction Tong
Pince de traction crânienne
Pinza de tracción craneal

Wirbelkörperspreizer
 Lamina Spreaders
 Ecarteurs pour corps vertébraux
 Separadores para cuerpos vertebrales



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Cloward

18231-16

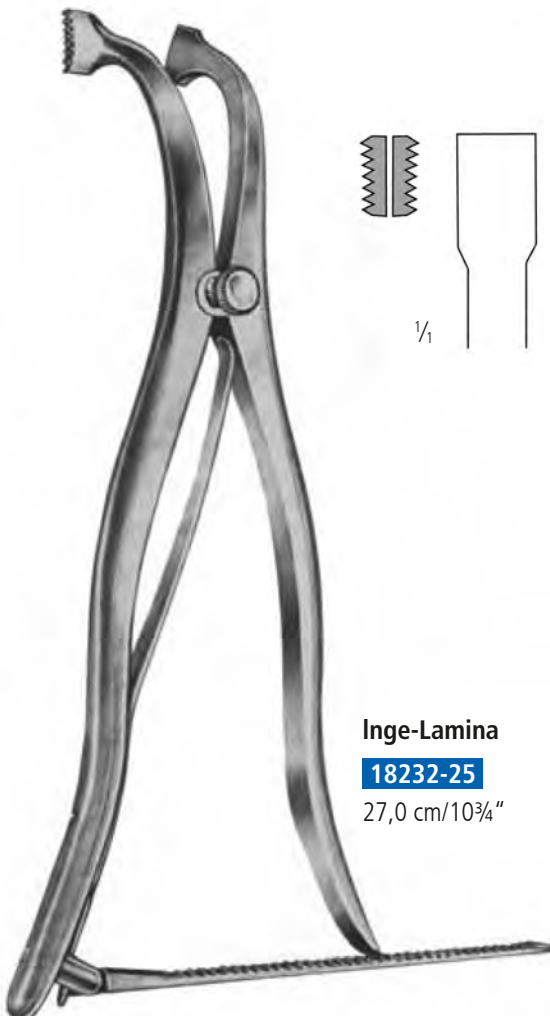
16,0 cm/6 1/2"



Inge

18232-16

16,0 cm/6 1/2"



Inge-Lamina

18232-25

27,0 cm/10 3/4"



Raney

18558 16,0 cm/6 1/2"

Anlege- und Abnehmezange für Kopfhautklammern
 Applying and Removing Forceps for Scalp Hemostasis Clips
 Pince pour appliquer et enlever les clips hemostatiques pour
 le cuir chevelu
 Pinza para aplicar y quitar clips hemostáticas para el cuero
 cabelludo



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Gewebespatel
Tissue Spatulas
Spatule à Tissu
Espátula para Tejidos



Cushing
18,0 cm/7"

- 18380-7** 7/9 mm
- 18380-11** 11/13 mm
- 18380-15** 15/16 mm
- 18380-18** 18/22 mm



100 mm

Heifetz
biegsam, maleable
maleable, maleable
20,0 cm/8"

- 18384-8** 8 mm
- 18384-11** 11 mm
- 18384-14** 14 mm
- 18384-17** 17 mm
- 18384-20** 20 mm



Olivecrona
18,0 cm/7"
Spatelbreite
Width of spatulas
Largeur de spatule
Anchura de espátulas



konkav	oben	unten	konvex
concave	upper end	lower end	convex
concave	en haut	en bas	convex
cóncava	arriba	abajo	convexa

18386-7	7 mm	9 mm	18387-7
18386-11	11 mm	13 mm	18387-11
18386-15	15 mm	18 mm	18387-15
18386-18	18 mm	22 mm	18387-18

Fadenführer
Ligature Guides
Passe-fils
Guia-ligaduras

Gefäßhäkchen
Vessel Hooks
Crochets à Bateaux
Ganchos para Vasos



SCHWERT
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Yasargil

Fig. 1

18834-1

18,5 cm/7¼"

Fadenführer, geknöpft
Ligature Guide, probe pointed
Passe-fil boutonné
Guia-ligadura, abotonado



Fig. 2

18834-2



Fig. 3

18834-3



Fig. 4

18834-4



Krayenbühl

Fig. 1

18835-1

18,5 cm/7¼"

Gefäßhäkchen
Vessel Hooks
Crochets à Bateaux
Ganchos para Vasos



Fig. 2

18835-2



Fig. 3

18835-3



Fig. 4

18835-4





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Mikro-Häkchen
Micro Hooks
Micro-Crochets
Micro-Ganchitos



18837

18,5 cm/7¼"

Hauthäkchen
Skin Hooks
Petits crochets pour la peau
Ganchos para piel



Fisch

18,5 cm/7¼"

18838

Feines Häkchen
Delicate Hook
Crochet fin
Ganchito muy fino

Mikro-Raspatorien
 Micro Raspatories
 Micro-Rugines
 Micro-Periostótomos



SCHWERT
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Yasargil
 18,5 cm/7¼"

Mikro-Raspatorium
 Micro Raspatory
 Micro-rugine
 Micro-periostótomos

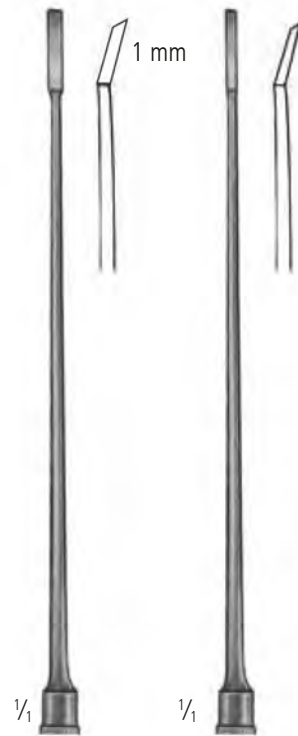


Fig. 1
18852-1

Fig. 2
18852-2



Fig. 4
18852-11

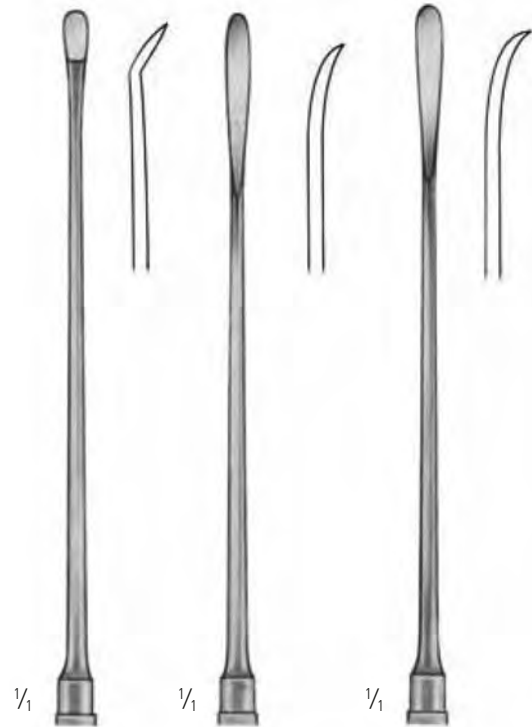


Fig. 4
18852-3

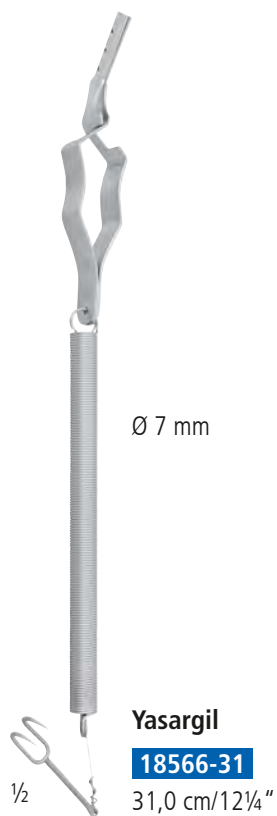
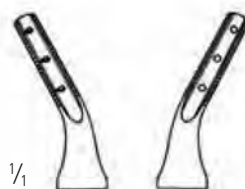
Fig. 5
18852-4

Fig. 6
18852-5



Galeahaken
Galea Hooks
Crochets de galeati
Gancho para galea

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Dissektoren
Dissectors
Dissecteurs
Disecadores



SCHWERT
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Penfield
Fig. 1
18350-1
18,0 cm/7"



Penfield
Fig. 2
18350-2
20,0 cm/8"



Penfield
Fig. 3
18350-3
20,0 cm/8"



Penfield
Fig. 4
18350-4
21,5 cm/8½"

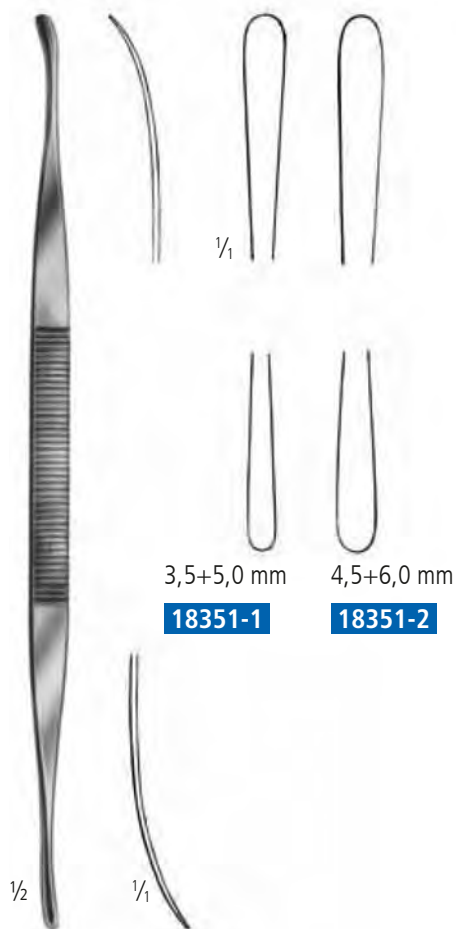


Penfield
Fig. 5
18350-5
29,0 cm/11½"



Dissektoren
Dissectors
Dissecteurs
Disecadores

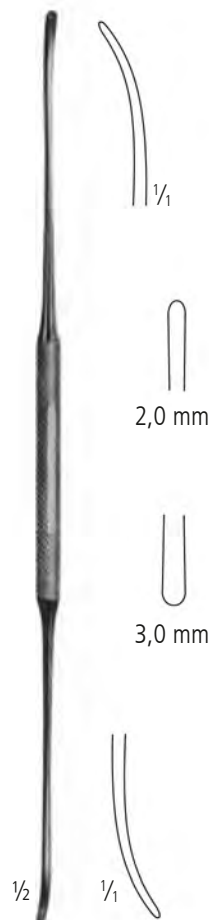
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Toennis
24,0 cm/9 1/2"

18351-1

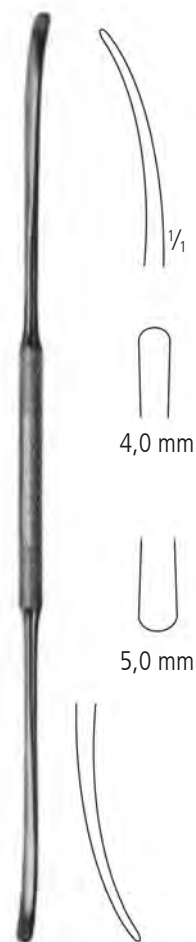
18351-2



Olivecrona
2+3 mm

18352-18 18,0 cm/7"

18352-24 24,0 cm/9 1/2"



Olivecrona
4+5 mm

18353-18 18,0 cm/7"

18353-24 24,0 cm/9 1/2"

Separatoren
 Separators
 Séparateurs
 Separadores

Dissektoren
 Dissectors
 Dissecteurs
 Disecadores



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Sachs

18354-1

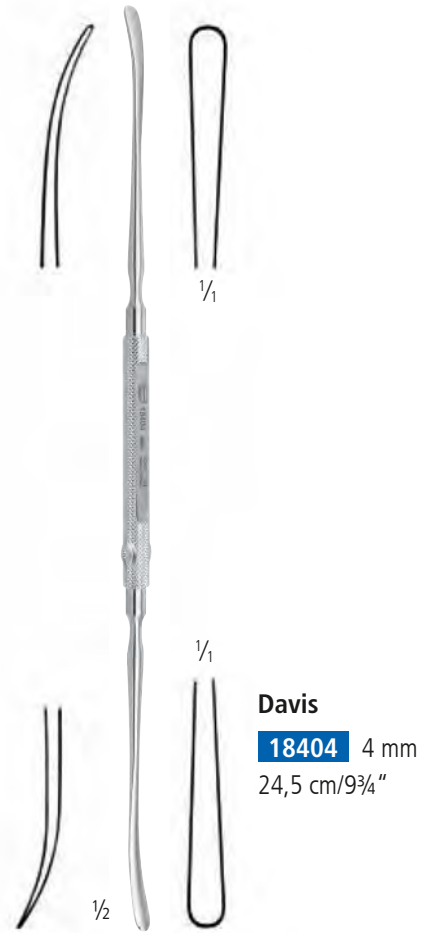
21,0 cm/8 1/4"



Sachs

18354-2

21,0 cm/8 1/4"



Davis

18404

4 mm

24,5 cm/9 3/4"



Frazier

18356

15,0 cm/6"



Hoen

18357-45

15,0 cm/6"



Hoen

18357-90

15,0 cm/6"

Separatoren
 Separators
 Séparateurs
 Separadores

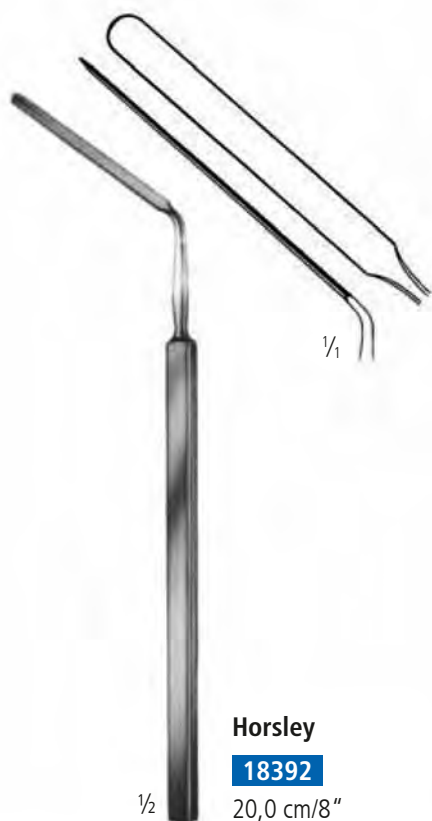




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**Wurzelhaken
Root Retractors
Retracteurs pour racines
Separadores de raíz**

**Separatoren
Separators
Séparateurs
Separadores**



Horsley

18392

20,0 cm/8"

Separatoren
Separators
Séparateurs
Separadores



Love

Fig. 1

18366

19,0 cm/7½"

Love

Fig. 2

18367

19,0 cm/7½"

Love

Fig. 3

18368

19,0 cm/7½"

Gewebehaken
Tissue Hooks
Crochets pour tissus
Ganchos para tejidos



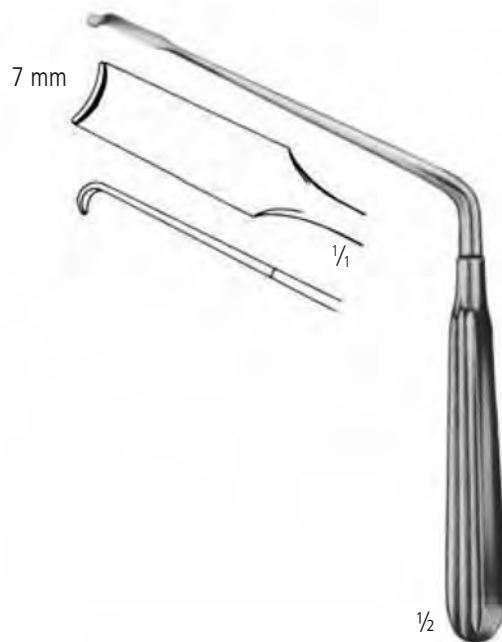
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Scoville

18373-1

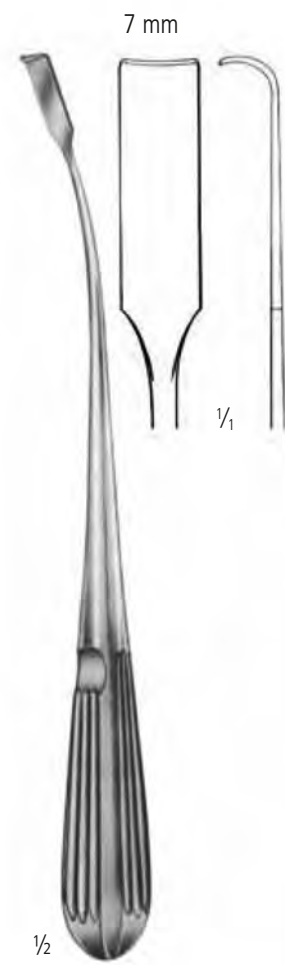
23,0 cm/9"
gerade, straight
droit, recto



Scoville

18373-2

20,0 cm/8"
abgewinkel, angular
coudé, angular



Holsher

18374

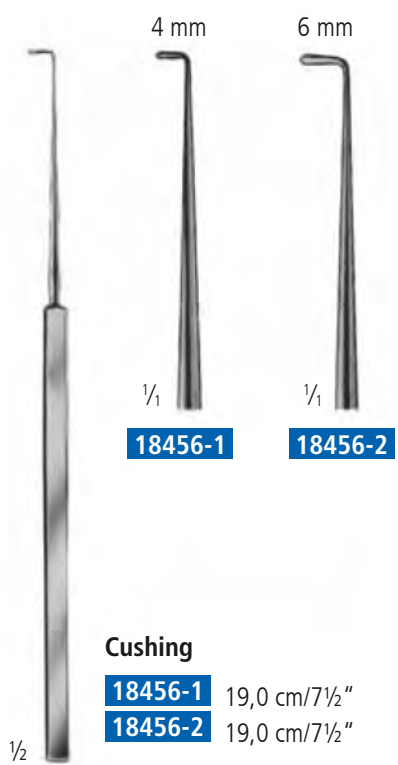
24,0 cm/9½"

1/2



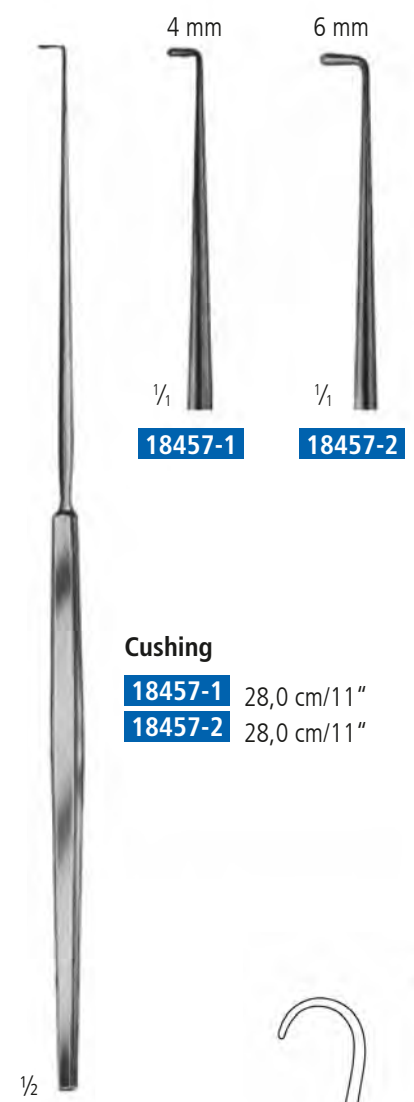
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**Gewebehaken
Tissue Hooks
Crochets pour tissus
Ganchos para tejidos**



Cushing

18456-1 19,0 cm/7½"
18456-2 19,0 cm/7½"



Cushing

18457-1 28,0 cm/11"
18457-2 28,0 cm/11"



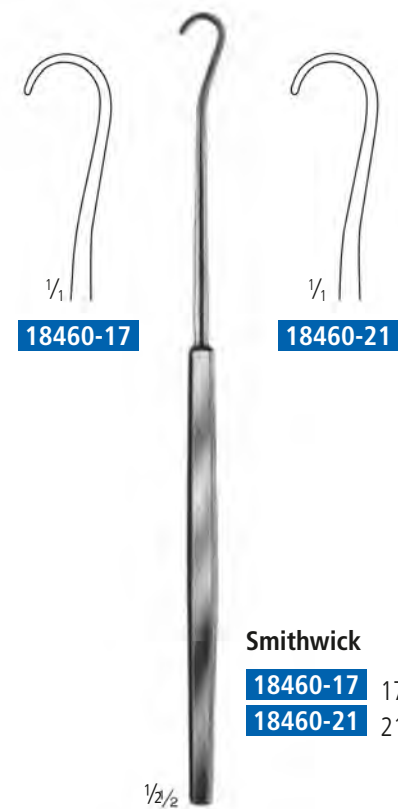
Dandy

18459
20,0 cm/8"



Crile

18451-1
20,0 cm/8"



Smithwick

18460-17 17,0 cm/6½"
18460-21 21,0 cm/8¼"

**Mikromesser
Micro Knives
Micro-couteaux
Microcuchillos**

**Haut- und Gefäßhaken
Skin and Vessel Hooks
Crochets cutanés et vasculaires
Ganchos cutáneos y vasculares**



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Adson
spitz, sharp
pointu, agudo

18430-1
20,0 cm/8"



Adson
stumpf, blunt
mousse, romo

18430-2
20,0 cm/8"



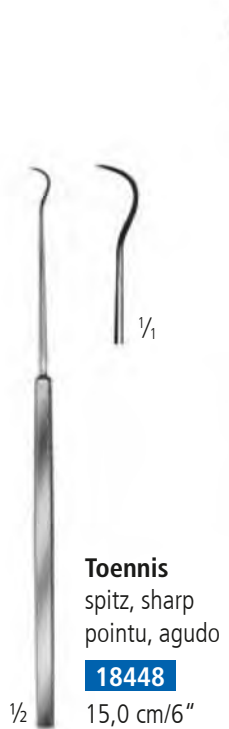
Frazier
spitz, sharp
pointu, agudo

18440-13 13,0 cm/5"
18440-18 18,0 cm/7"



Cushing
spitz, sharp
pointu, agudo

18432
14,0 cm/5½"



Toennis
spitz, sharp
pointu, agudo

18448
15,0 cm/6"



Sachs
spitz, sharp
pointu, agudo

18435
18,5 cm/7¼"



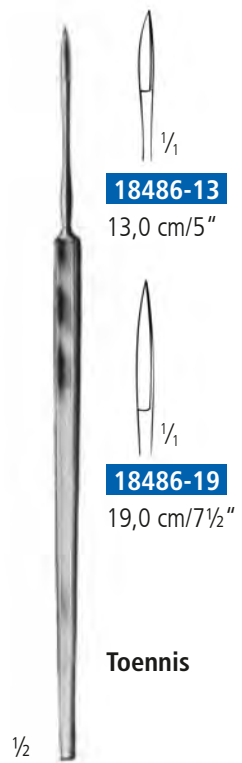
Graham
stumpf, blunt
mousse, romo

18436
16,5 cm/6½"



Halle

18485
20,0 cm/8"



Toennis

18486-13
13,0 cm/5"

18486-19
19,0 cm/7½"



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Bandscheiben-Rongeurs
Intervertebral Disc Rongeurs
Pinces à disques vertébrales
Pinzas para discos vertebrales

15,0 cm/6"



Cloward



gerade, straight
droite, recta

1/1

18201-1 6x10 mm



nach oben abgewinkel, angular upwards
angulée vers le haut, angular hacia arriba

1/1

18201-2 6x10 mm



nach unten abgewinkel, angular downwards
angulée vers le bas, angular hacia abajo

1/1

18201-3 6x10 mm

15,0 cm/6"



Schlesinger



18202-2 2x10 mm



18202-3 3x10 mm



18202-4 4x10 mm

1/1

Laminektomie-Zangen
 Laminectomy Rongeurs
 Pincas emporte-pièces à laminectomie
 Pinzas cortantes para laminectomia

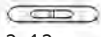

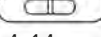


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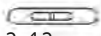
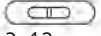
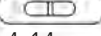


Caspar


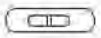



	 2x12 mm	 3x12 mm	 4x14 mm
15,5 cm/6''	18225-102	18225-103	18225-104
18,5 cm/7 1/4''	18225-202	18225-203	18225-204



	 2x12 mm	 3x12 mm	 4x14 mm
15,5 cm/6''	18225-112	18225-113	18225-114
18,5 cm/7 1/4''	18225-212	18225-213	18225-214



	 2x12 mm	 3x12 mm	 4x14 mm
15,5 cm/6''	18225-122	18225-123	18225-124
18,5 cm/7 1/4''	18225-222		



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Bandscheiben-Rongeur
Intervertebral Disc Rongeurs
Pincès à disques vertébrales
Pinzas para discos vertebrales

20,0 cm/8"



5,5 mm

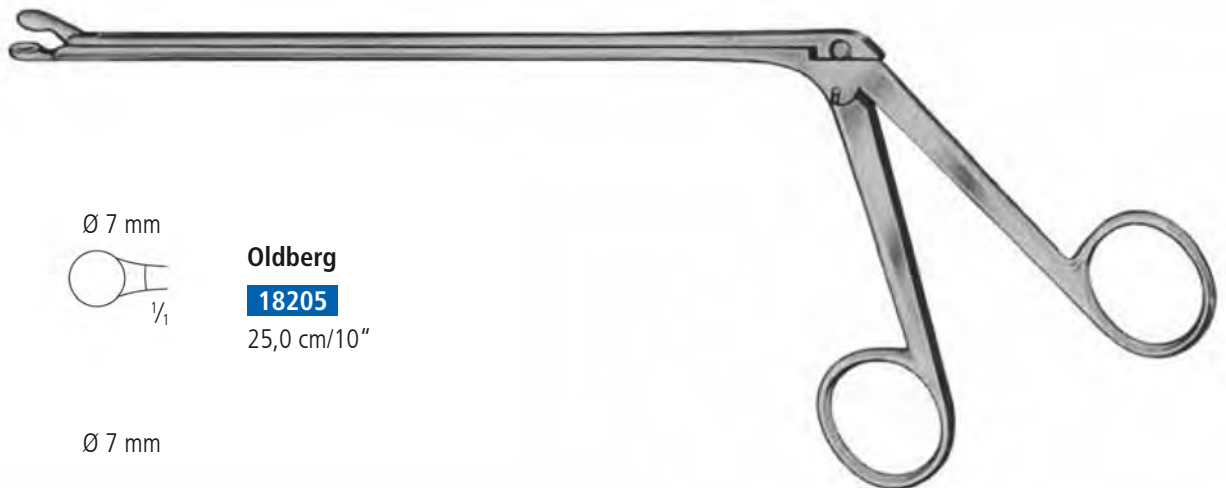
Laminektomie-Zange
Laminectomy Rongeur
Pince emporte-pièce a laminectomie
Pinza cortante para laminectomia

Wagner

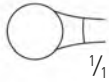
18204

27,0 cm/11"

25,0 cm/10"



Ø 7 mm



Oldberg

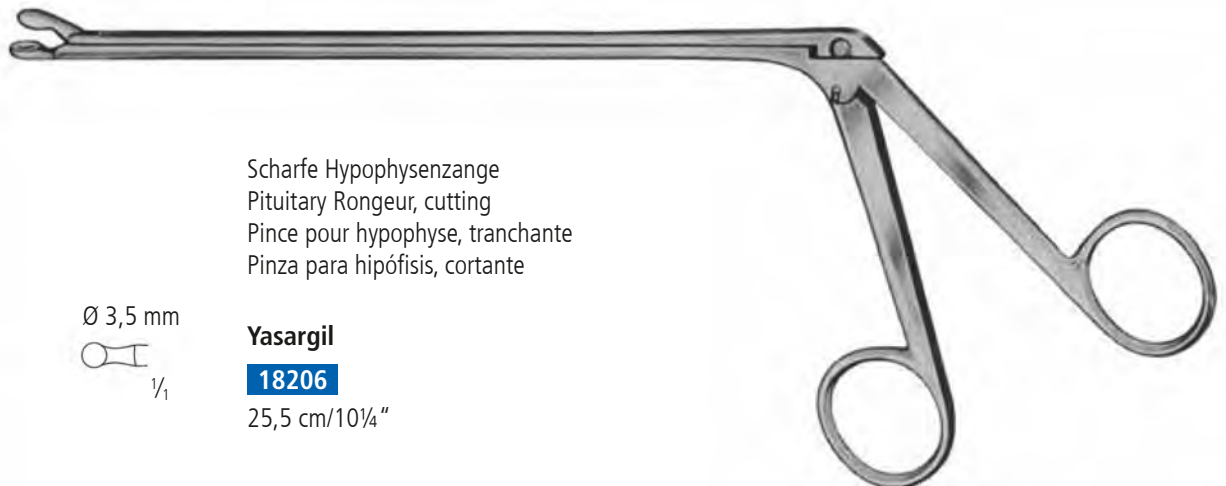
18205

25,0 cm/10"

Ø 7 mm

1/4

18,5 cm/7 1/4"



Ø 3,5 mm



Yasargil

18206

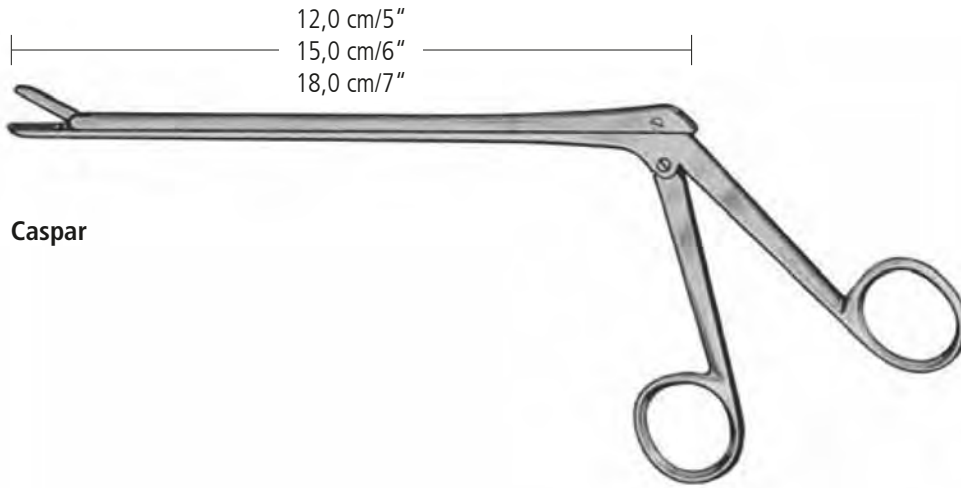
25,5 cm/10 1/4"

Scharfe Hypophysenzange
Pituitary Rongeur, cutting
Pince pour hypophyse, tranchante
Pinza para hipófisis, cortante

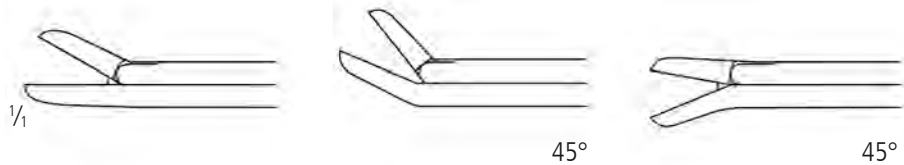
Bandscheiben-Rongeurs
Intervertebral Disc Rongeurs
Pinces à disques vertébrales
Pinzas para discos vertebrales



SCHWERT
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Caspar



Cushing
2x10 mm

12,0 cm/5"	18225-2	18225-12	18225-22
15,0 cm/6"	18227-2	18227-12	18227-22
18,0 cm/7"	18226-2	18226-12	18226-22

Love-Gruenwald
3x10 mm

12,0 cm/5"	18225-3	18225-13	18225-23
15,0 cm/6"	18227-3	18227-13	18227-23
18,0 cm/7"	18226-3	18226-13	18226-23

Spurling
4x10 mm

12,0 cm/5"	18225-4	18225-14	18225-24
15,0 cm/6"	18227-4	18227-14	18227-24
18,0 cm/7"	18226-4	18226-14	18226-24



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Bandscheiben-Rongeure Intervertebral Disc Rongeurs Pincers à disques vertébrales Pinzas para discos vertebrales

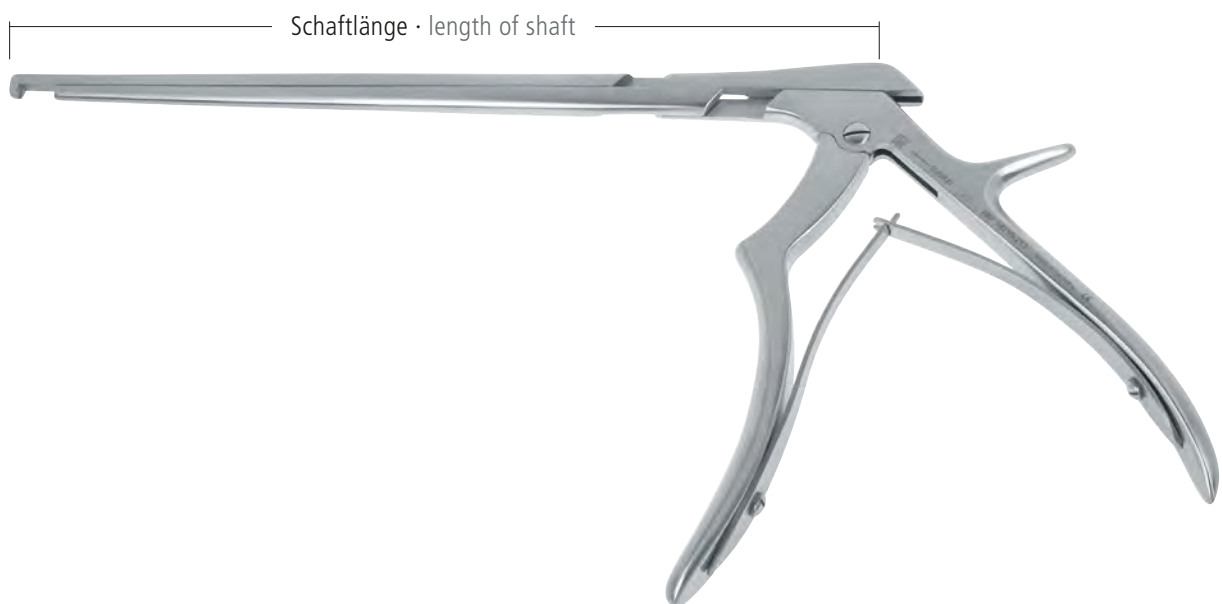
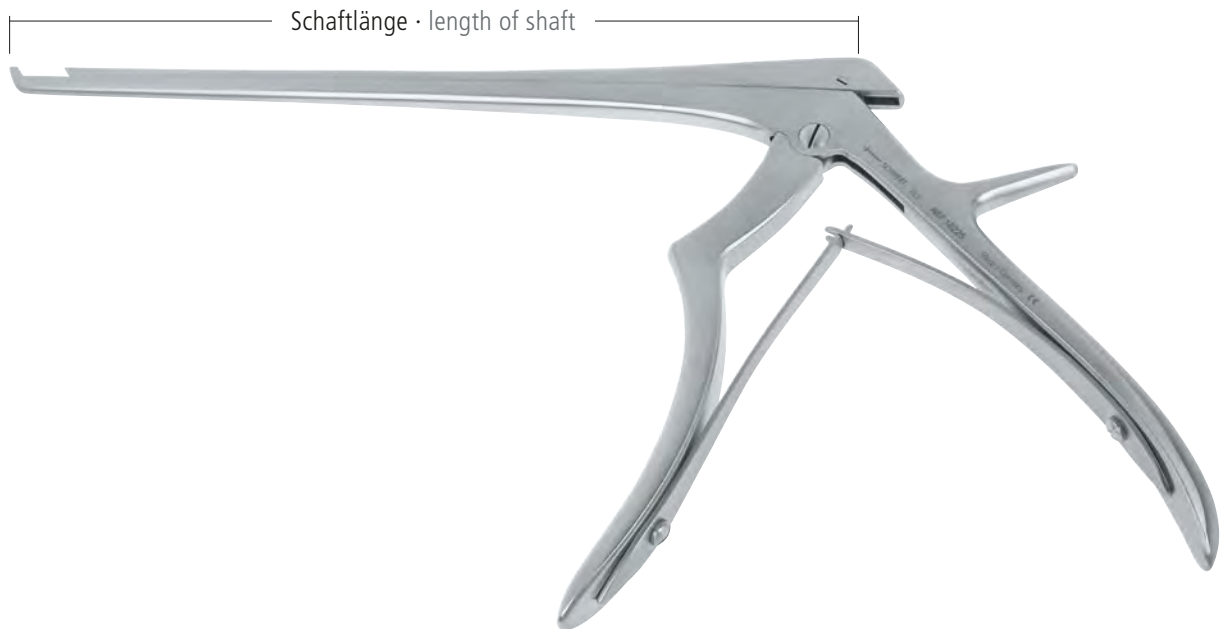
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Ferris-Smith-Kerrison Stanzen

Die Ferris-Smith-Kerrison Stanzen wurden entwickelt, um den Operationsprozess an der Bandscheibe erfolgreich zu unterstützen. Die Stanzen sind mit einem Schaft in zwei verschiedenen Längen, sechs unterschiedlichen Bissbreiten, nach oben oder nach unten schneidend und in Edelstahlherhältlich. Der ergonomische Griff mit Rückholfeder ermöglicht ein präzises und optimiertes Arbeiten.

Ferris-Smith-Kerrison Punches

The Ferris-Smith-Kerrison Punches were developed in order to support surgical treatments on the intervertebral disc successfully. The punches are available with a shaft in two different lengths, in six different amplitudes, cutting upwards or cutting downwards and in stainless steel. The ergonomical handle with retaining spring allows a precise and optimal work.



Bandscheiben-Rongeurs
Intervertebral Disc Rongeurs
Pinces à disques vertébrales
Pinzas para discos vertebrales

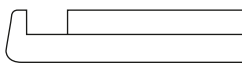


SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



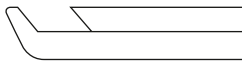
18210-24

Ferris-Smith-Kerrison
 Stanze, Bissbreite 4 mm,
 40° nach oben schneidend,
 Schaftlänge 180 mm
 Punch, width of bite 4 mm,
 40° upwards cutting,
 length of shaft 180 mm / 7 "



90° nach oben schneidend / Standard Öffnung 10 mm
 90° upwards cutting / standard opening 10 mm

Schaftlänge length of shaft	Bissbreite · width of bite					
	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	18210-1	18210-2	18210-3	18210-4	18210-5	18210-6
200 mm	18210-201	18210-202	18210-203	18210-204	18210-205	18210-206



40° nach oben schneidend / Standard Öffnung 10 mm
 40° upwards cutting / standard opening 10 mm

Schaftlänge length of shaft	Bissbreite · width of bite					
	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	18210-21	18210-22	18210-23	18210-24	18210-25	18210-26
200 mm	18210-221	18210-222	18210-223	18210-224	18210-225	18210-226



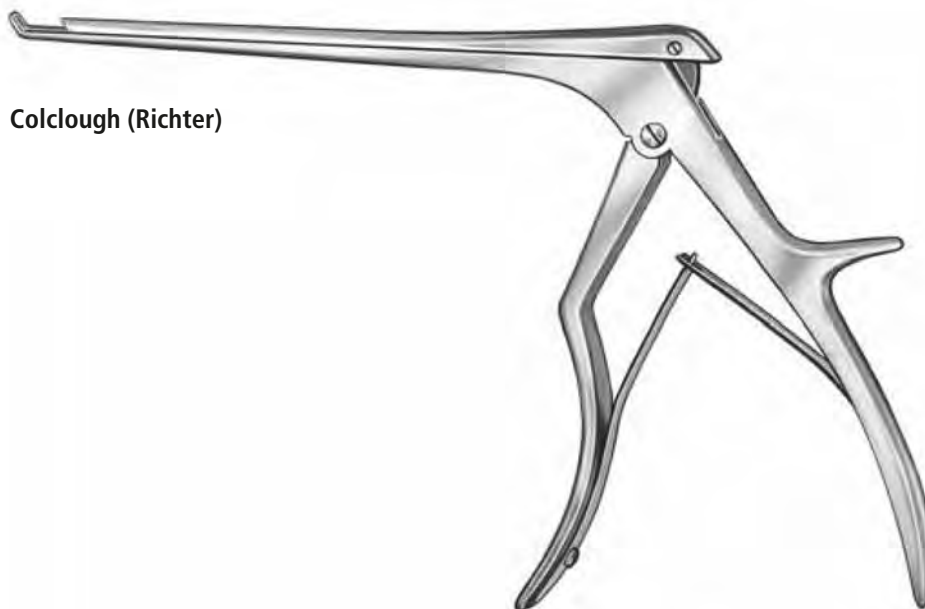
90° nach unten schneidend / Standard Öffnung 10 mm
 90° downwards cutting / standard opening 10 mm

Schaftlänge length of shaft	Bissbreite · width of bite					
	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm
180 mm	18210-11	18210-12	18210-13	18210-14	18210-15	18210-16
200 mm	18210-211	18210-212	18210-213	18210-214	18210-215	18210-216



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Bandscheibenstanzen
Intervertebral Disc Rongeurs
Pinces à disques vertébrales
Pinzas cortantes para discos intervertebrales



Colclough (Richter)

	90° nach oben schneidend 90° upwards cutting coupante ver le haut 90° cortante hacia arriba 90°	Bissbreite Width of bite Grandeur de coupe Ancho de la boca	Schaftlänge, Length of shaft Longueur de tige, Largo del asta		
			15,0 cm/6"	18,0 cm/7"	20,0 cm/8"
1/4 □		2 mm	18195-2	18196-2	18196-52
□		3 mm	18195-3	18196-3	18196-53
□		4 mm	18195-4	18196-4	18196-54
□		5 mm	18195-5	18196-5	18196-55
□		6 mm	18195-6	18195-6	18226-26

Bandscheibenstanzen
Intervertebral Disc Rongeurs
Pinces à disques vertébrales
Pinzas cortantes para discos intervertebrales



SCHWERT
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Colclough (Richter)

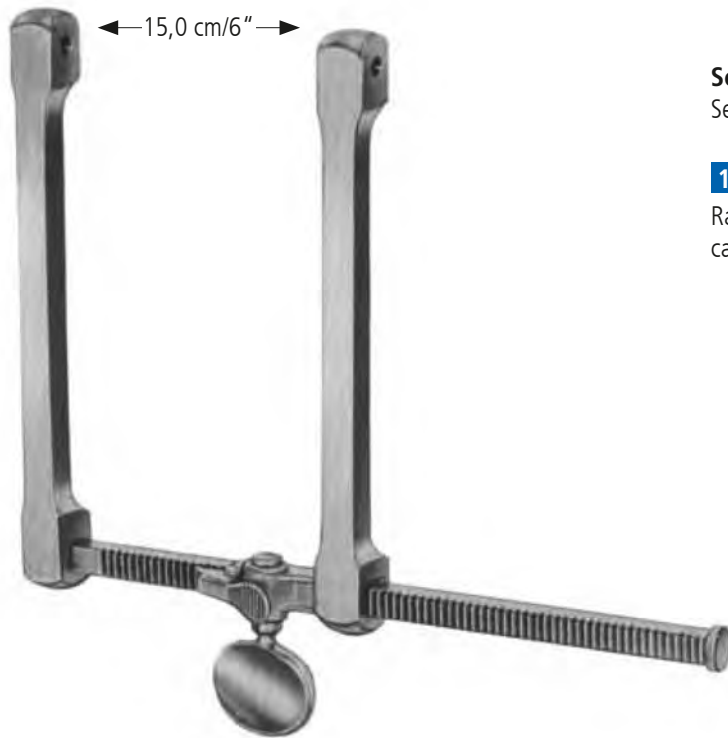
	40° nach oben schneidend 490° upwards cutting coupante ver le haut 40° cortante hacia arriba 40°	Bissbreite Width of bite Grandeur de coupe Ancho de la boca	Schaftlänge, Length of shaft Longueur de tige, Largo del asta		
			15,0 cm/6"	18,0 cm/7"	20,0 cm/8"
1/4		2 mm	18196-102	18196-22	18196-202
		3 mm	18196-103	18196-23	18196-203
		4 mm	18196-104	18196-24	18196-204
		5 mm	18196-105	18196-25	18196-205
		6 mm	18196-106	18196-26	18196-206

	90° nach unten schneidend 90° downwards cutting coupante vers le bas 90° cortante hacia abajo 90°	Bissbreite Width of bite Grandeur de coupe Ancho de la boca	Schaftlänge, Length of shaft Longueur de tige, Largo del asta		
			15,0 cm/6"	18,0 cm/7"	20,0 cm/8"
1/4		2 mm	18197-102	18197-22	18196-202
		3 mm	18197-103	18197-23	18196-203
		4 mm	18197-104	18197-24	18196-204
		5 mm	18197-105	18197-25	18196-205
		6 mm	18197-106	18196-26	18196-206



SCHWERT
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Laminektomiespreizer
Laminectomy Spreaders
Ecarteurs pour laminectomie
Separadores para laminectomia



Scoville

Set, set, série, juego

18140-1

Rahmen allein, frame only
cadre seul, cuadro solo



Scoville-Haverfield

Set, set, série, juego

18141-1

Rahmen allein, frame only
cadre seul, cuadro solo

Laminektomiespreizer Laminectomy Spreaders Ecarteurs pour laminectomie Separadores para laminectomia



SCHWERT
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Haken, Hooks, Crochets, Separadores



Scoville
stumpf, blunt
mousse, romo

- 18142-5** 50 mm/2"
- 18142-7** 70 mm/2¾"
- 18142-8** 75 mm/3"



Scoville
spitz, sharp
pointu, agudo

- 18142-15** 50 mm/2"
- 18142-17** 70 mm/2¾"
- 18142-18** 75 mm/3"

Valven, Blades, Valves, Valvas



Scoville

- 18143-1** 64x25 mm
- 18143-2** 64x29 mm
- 18143-3** 64x50 mm
- 18143-4** 88x25 mm



Taylor

- 18144-1** 48x50 mm
- 18144-2** 64x50 mm
- 18144-3** 64x64 mm
- 18144-4** 80x57 mm



gezahnt
saw edge
dentelée
dentada

Meyerding-Scoville

- 18147-1** 50x25 mm
- 18147-2** 70x25 mm
- 18147-3** 83x25 mm



SCHWERT
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EPEE · SPADA

Laminektomiespreizer Laminectomy Spreaders Ecarteurs pour laminectomie Separadores para laminectomia



Cloward

15730-25 25,0 cm/9½"
Sperrer allein, spreader only
ecarteur seule, separador solo

15730-75 25,0 cm/9½"
Set mit 5 gezahnten Valven **15730-A40 - 15730-A60**
Set with 5 toothed blades **15730-A40 - 15730-A60**
Jeu avec 5 valves dentelées **15730-A40 - 15730-A60**
Juego con 5 valvas dentadas **15730-A40 - 15730-A60**



Valve, gezahnt
Blade, saw edge
Valve, dentelée
Valva, dentada

15730-A40 40 mm
15730-A45 45 mm
15730-A50 50 mm
15730-A55 55 mm
15730-A60 60 mm



Valve, stumpf
Blade, blunt
Valve, mousse
Valva, roma

15730-B40 40 mm
15730-B45 45 mm
15730-B50 50 mm
15730-B55 55 mm
15730-B60 60 mm



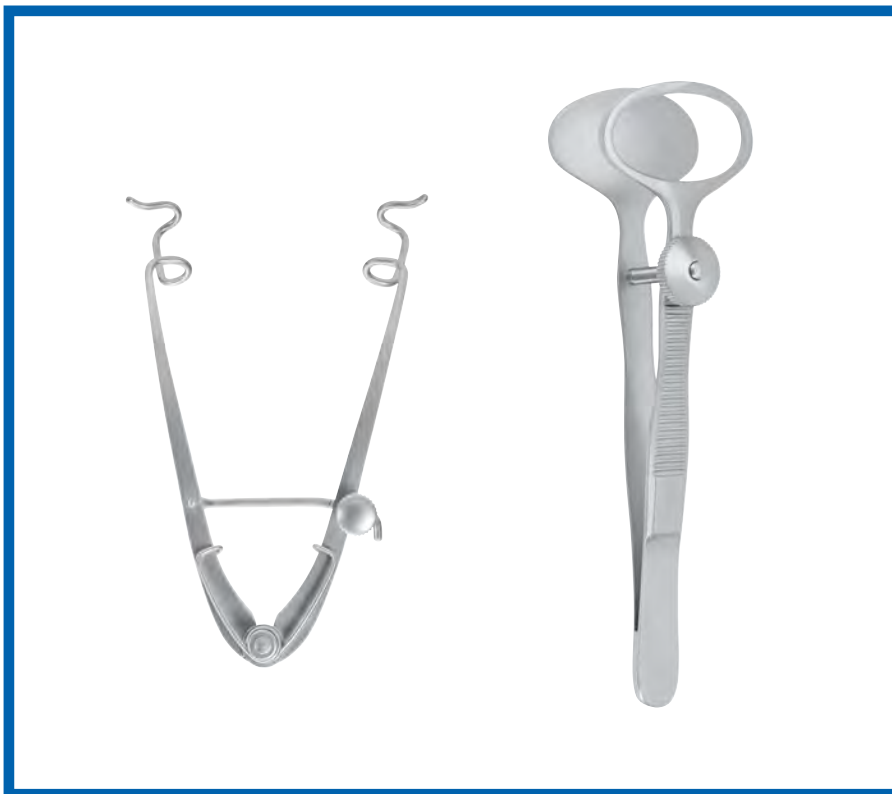
SCHWERT
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Augeninstrumente

Ophthalmological Instruments

Instrumentes ophtalmologiques

Instrumentes para oftalmologia





SCHWERT
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Irispinzetten
Iris Forceps
Pinces pour l'iris
Pinzas para iris



Fixierpinzette
Fixation Forceps
Pince a fixation
Pinzas de fijación

Elschnig
10,5 cm/4¼"

19728



Fischer
7,0 cm/2¾"

19623



Gill
7,5 cm/3"

19630



Zähne unten
Teeth downwards
Dents vers le bas
Dientes hacia abajo

Gill-Hess
7,5 cm/3"

19631

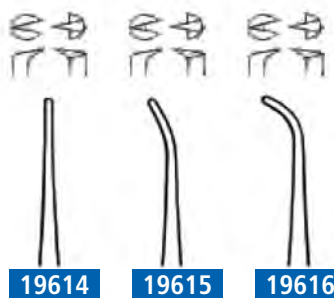
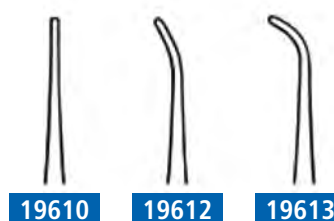


19632

Zähne seitwärts
Teeth lateral
Dents latérales
Dientes laterales



Graefe
10,0 cm/4"
0,9 mm



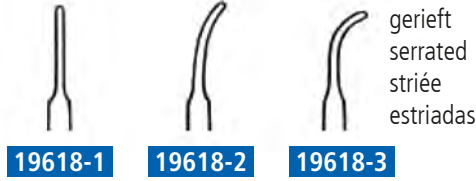
Irispinzetten
Iris Forceps
Pinces pour l'iris
Pinzas para iris



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



ohne Sperre
 without ratchet
 sans crémaillère
 sin cremallera



19618-1 **19618-2** **19618-3**

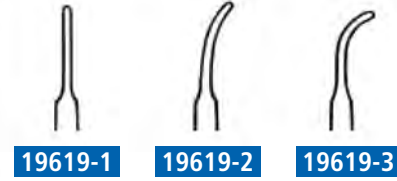


19620-1 **19620-2** **19620-3**

Stevens
 10,5 cm/4¼"



mit Sperre
 with ratchet
 avec crémaillère
 con cremallera



19619-1 **19619-2** **19619-3**



19621-1 **19621-2** **19621-3**

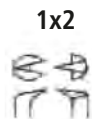
Stevens
 10,5 cm/4¼"



19626

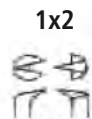
19627

Hess
 7,0 cm/2¾"



ohne Stift
 without pin
 sans cheville
 sin perno

Mod. Bonn
19640
 7,0 cm/2¾"



mit Stift
 with pin
 avec cheville
 con perno

Mod. Bonn
19641
 7,0 cm/2¾"



19642
 0,8 mm
 gerieft
 serrated
 striée
 estriadas

19643
 0,4 mm
 gerieft
 serrated
 striée
 estriadas

Bishop-Harmon
 8,5 cm/3½"



19644
 0,8 mm

19645
 0,4 mm

Bishop-Harmon
 8,5 cm/3½"





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Kapselpinzetten
Capsular Forceps
Pinces capsulaires
Pinzas capsulares

Fadenpinzetten
Suture Forceps
Pinces à sutures
Pinzas para sutura

Kapselpinzetten, Capsular Forceps, Pinces capsulaires, Pinzas capsulares



Gill-Arruga

19664

7,5 cm/3"

Arruga

19665

9,5 cm/3¾"

Schweiger

19666

10,0 cm/4"

Kapselsauger
Erisophakes
Aspirateurs capsulaires
Aspirador capsular

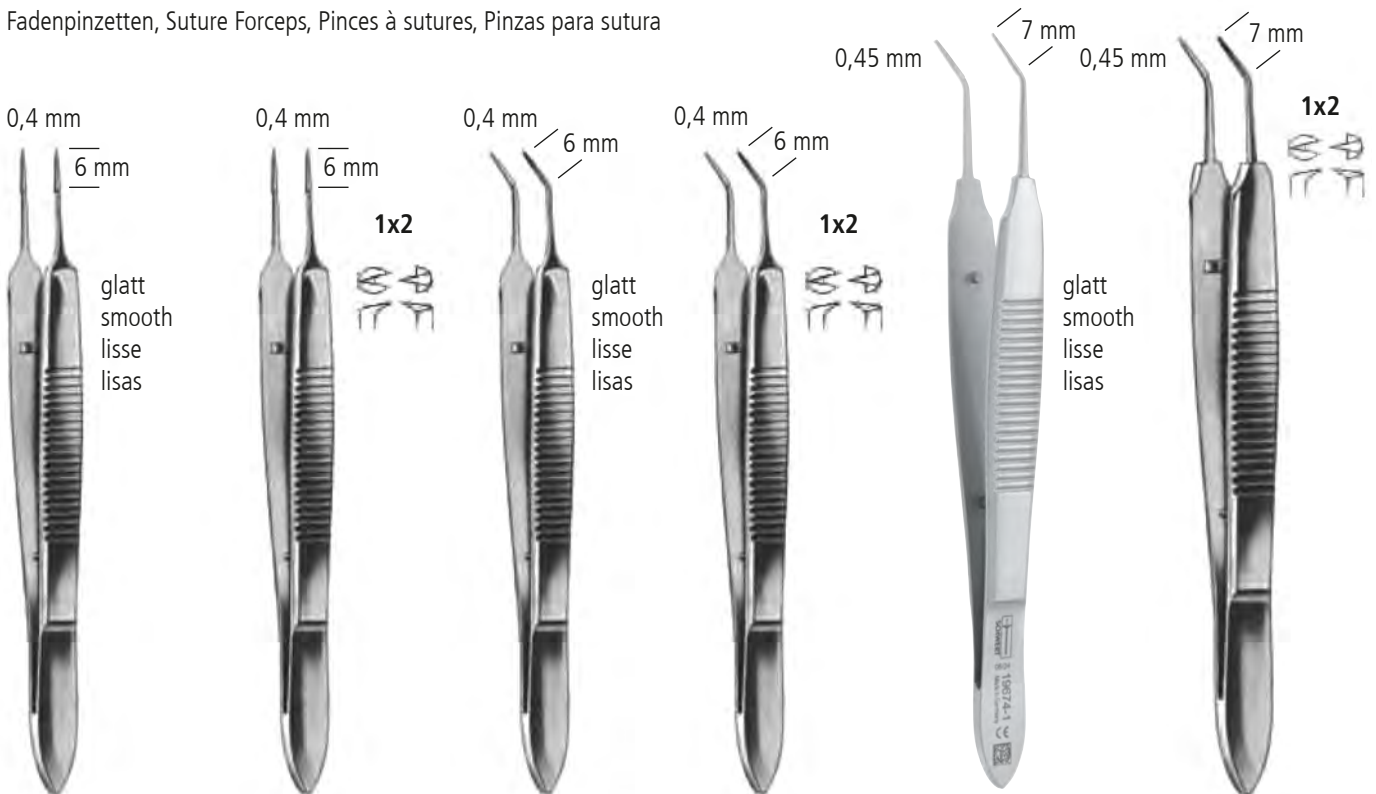


Dastoor

19670

6,0 cm/2½"

Fadenpinzetten, Suture Forceps, Pinces à sutures, Pinzas para sutura



McPherson

19672-1

8,5 cm/3½"

McPherson

19672-2

8,5 cm/3½"

McPherson

19673-1

8,5 cm/3½"

McPherson

19673-2

8,5 cm/3½"

McPherson

19674-1

10,0 cm/4"

McPherson

19674-2

10,0 cm/4"

Fixierpinzetten
Fixation Forceps
Pinces à fixation
Pinzas de fijación

Nahtpinzetten
Suture Forceps
Pinces à sutures
Pinzas para sutura



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



ohne Schloss
 without catch
 sans arrêt
 sin cierre

Graefe

19678

11,0 cm/4½"



mit Schloss
 with catch
 avec arrêt
 con cierre

Graefe

19680

11,0 cm/4½"



Barraquer

19682

10,0 cm/4"



19692-5 5 mm
19692-10 10 mm
 mit Schloss
 with catch
 avec arrêt
 con cierre

19693-5 5 mm
19693-10 10 mm
 ohne Schloss
 without catch
 sans arrêt
 sin cierre

Green

10,0 cm/4"

2x2

Nahtpinzetten
 Suture Forceps
 Pinces à sutures
 Pinzas para sutura



19694

gerade
 straight
 droite
 rectas

19695

gerade
 straight
 droite
 rectas

Castroviejo 2x2

9,0 cm/3¾"

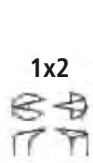


SCHWERT
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Nahtpinzetten
Suture Forceps
Pinces à sutures
Pinzas para sutura

Strabismuspinzetten
Strabismus Forceps
Pinces à strabisme
Pinzas para estrabismo

Nahtpinzetten, Suture Forceps, Pinces à sutures, Pinzas para sutura



St. Martin

19710

7,0 cm/2¾"



Castroviejo

10,0 cm/4"

19703-5 0,5 mm
19703-10 1,0 mm
gerade
straight
droite
rectas



Castroviejo

10,0 cm/4"

19704-5 0,5 mm
19704-10 1,0 mm
gebogen
curved
courbe
curvas



Castroviejo

10,0 cm/4"

19705-5 0,5 mm
19705-9 0,9 mm
gerade
straight
droite
rectas

Strabismuspinzetten, Strabismus Forceps, Pinces à strabisme, Pinzas para estrabismo



Bonaccolto

19701

10,0 cm/4"



19711

11,0 cm/4½"

gerieft
serrated
striée
estriadas



19712

11,0 cm/4½"

gerieft
serrated
striée
estriadas

Strabismuspinzetten
Strabismus Forceps
Pinces à strabisme
Pinzas para estrabismo

Nahtpinzetten
Suture Forceps
Pinces à sutures
Pinzas para sutura

Chalazionspinzetten
Chalazion Forceps
Pinces à chalazion
Pinzas para chalación

Trachompinzette
 Trachoma Forceps
 Pince pour le trachome
 Pinzas para tracoma

Chalazionspinzetten, Chalazion Forceps, Pinces à chalazion, Pinzas para chalación



Desmarres
 9,0 cm/3½"

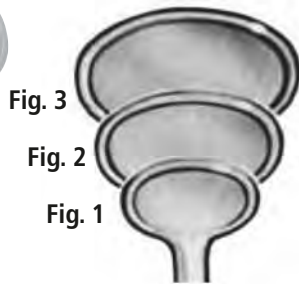


Fig. 3

Fig. 2

Fig. 1

Fig. 1

19774-20

20 mm

Fig. 2

19774-25

25 mm

Fig. 3

19774-30

30 mm



Ayer
19776
 9,0 cm/3½"



Lambert
19786
 9,5 cm/3½"



Prince
19777
 9,0 cm/3½"



19790-1 1x2
 10,0 cm/4"

Strabismuspinzetten
 Strabismus Forceps
 Pinces à strabisme
 Pinzas para estrabismo



Nahtpinzetten
 Suture Forceps
 Pinces à sutures
 Pinzas para sutura



Castroviejo 1x1
 9,0 cm/3½"

19791

mit Schloss
 with catch
 avec arrêt
 con cierre

19792

ohne Schloss
 without catch
 sans arrêt
 sin cierre



SCHWERT
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Cilienpinzetten
Cilia Forceps
Pinces à épiler les cils
Pinzas para depilación

Cilienpinzetten, Cilia Forceps, Pinces à épiler les cils, Pinzas para depilación



Gradle

19745

9,5 cm/3¾"

Entropiumpinzetten
Entropium Forceps
Pinces à entropion
Pinzas de entropión



Beaupré

19747

12,0 cm/4¾"

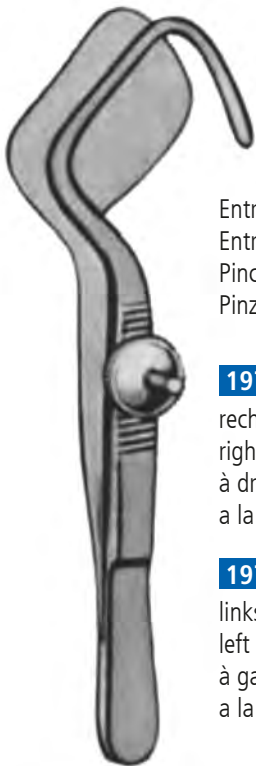
Knüpfpinzetten
Suture Tying Forceps
Pinces à poser des ligatures
Pinzas para poner ligaduras



Barraquer

19740

10,5 cm/4¼"



Entropiumpinzetten
 Entropium Forceps
 Pinces à entropion
 Pinzas de entropión

19763-1

rechts
 right
 à droite
 a la derecha

19763-2

links
 left
 à gauche
 a la izquierda

Snellen
 10,0 cm/4"



1x2



0,2 mm

Knüpfpinzetten
 Suture Tying Forceps
 Pinces à poser des ligatures
 Pinzas para poner ligaduras

19750

9,5 cm/3¾"

**Augensonden
Lachrymal Probes
Sandes pour le canal lacrymal
Estiletos para el canal lacrimal**



SCHWERT
SWORD · ESPADA
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Bowman

zylindrisch
cylindrical
cylindrique
cilindrico

Edelstahl
Stainless steel
Acier inox
Acero inox.

Fig.	Ø mm	
000/00	0,8 / 0,7	19045-30
00/0	0,9 / 0,8	19045-20
0/1	1,0 / 0,9	19045-10
1/2	1,1 / 1,0	19045-1
2/3	1,2 / 1,1	19045-2
3/4	1,3 / 1,2	19045-3
4/5	1,4 / 1,3	19045-4
5/5	1,5 / 1,4	19045-5
6/7	1,6 / 1,5	19045-6
7/8	1,7 / 1,6	19045-7



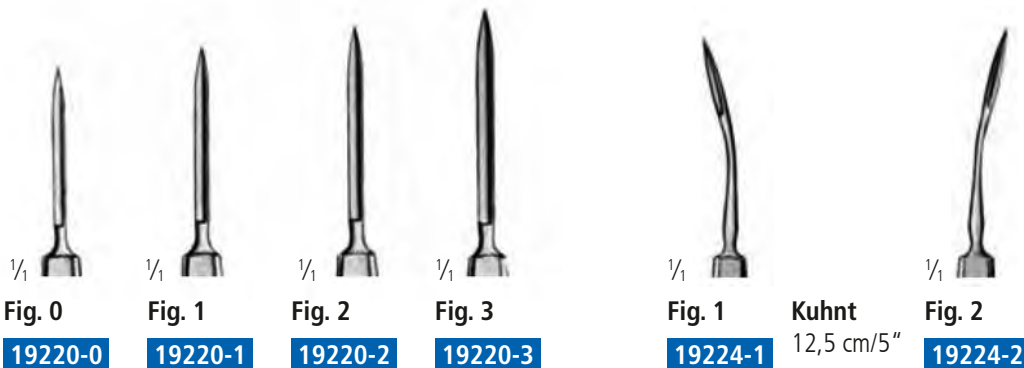
SCHWERT
SWORD - ESPADA
EPEE - SPADA

Verschiedene Augenmesser Various Eye Knives Couteaux divers pour les yeux Cuchillos diversos para los ojos

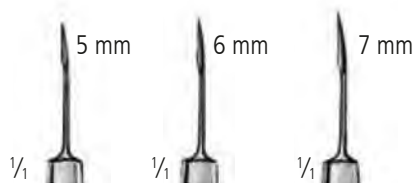
Starmesser, Cataract Knives, Couteaux a cataracte, Cuchillos para catarata



Graefe
12,5 cm/5"



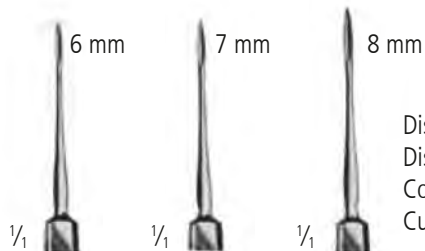
Kuhnt
12,5 cm/5"



Irismesser
Iris Knives
Couteaux pour l'iris
Cuchillos para iris



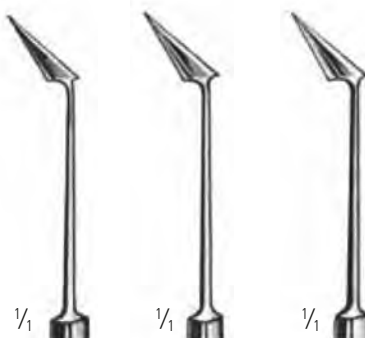
Ziegler
11,5 cm/4½"



Diszisionsmesser
Discission Knives
Couteaux à discission
Cuchillos para discisión



Knapp
12,5 cm/5"



Biegung 45°
Curvature 45°
Courbure de 45°
Curvatura 45°

Lanzenmesser
Keratomes
Couteaux lancéolaires
Cuchillos lanceolares

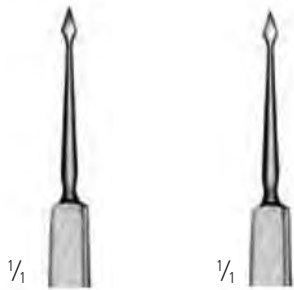
Wessely-Grieshaber
13,5 cm/5¾"

Fremdkörperinstrumente
Foreign Body Instruments
Instrumentos à corps étrangers
Instrumentos para cuerpos extraños



SCHWERT
 SWORD · ESPADA
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Starnadel
 Cataract Needle
 Aiguille à cataracte
 Aguja para catarata



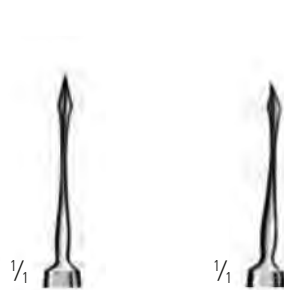
19336

12,0 cm/4¾"
 gerade
 straight
 droite
 recta

19337

12,0 cm/4¾"
 gebogen
 curved
 courbe
 curva

Fremdkörpernadel
 Foreign Body Needle
 Aiguille à corps étrangers
 Aguja para cuerpos extraños



19360

12,0 cm/4¾"
 gerade
 straight
 droite
 recta

19361

12,0 cm/4¾"
 gebogen
 curved
 courbe
 curva

Fremdkörper-Hohlmeißel
 Gouge for foreign bodies
 Gouge pour corps étrangers
 Gubia para cuerpos extraños

1,2 mm



Meyer

19365

12,0 cm/4¾"

Nadel und Flachmeißel
 Needle and Chisel
 Aiguille et burin
 Aguja y cincel

Nadel und Hohlmeißel
 Needle and Gouge
 Aiguille et gouge
 Aguja y gubia



runder Griff
 round handle
 manche ronde
 mango redondo

Dix

19054-1

Dix

19054-2



SCHWERT
SWORD · ESPADA
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Fremdkörperinstrumente
Foreign Body Instruments
Instrumentos à corps étrangers
Instrumentos para cuerpos extraños

Augenhäkchen
Eye Hooks
Crochets pour les yeux
Ganchos para los ojos



Nadel und Hohlmeißel
Needle and Gouge
Aiguille et gouge
Aguja y gubia

Graefe

19056-3

Augenhäkchen, Eye Hooks, Crochets pour les yeux, Ganchos para los ojos



scharf
sharp
pointu
agudo

1/1

Guthrie
12,0 cm/4 3/4"

Fig.1

19394

scharf
sharp
pointu
agudo

1/1

Guthrie
13,0 cm/5 1/4"

Fig.2

19395

scharf
sharp
pointu
agudo

1/1

Graefe
12,0 cm/4 3/4"

Fig.1

19390

stumpf
blunt
mousse
romo

1/1

Fig.2

19391

scharf
sharp
pointu
agudo

1/1

Wiener
12,5 cm/5"

Fig.1

19396-1

stumpf
blunt
mousse
romo

1/1

Fig.2

19396-2

scharf
sharp
pointu
agudo

1/1

Jaeger
13,0 cm/5 1/4"

Fig.1

19397-1

scharf
sharp
pointu
agudo

1/1

Fig.2

19397-2

Schielhaken
Strabismus Hooks
Crochets à strabisme
Ganchos para estrabismo

Tränenkanal-Dilatatoren
Lachrymal Dilators
Dilatateurs pour le canal lacrymal
Dilatadores para canal lacrimal



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Schielhaken, Strabismus Hooks, Crochets à strabisme, Ganchos para estrabismo



Graefe

stumpf
blunt
mousse
romo



1/1

Fig. 1

19420-1

13,0 cm/5 1/4"



1/1

Fig. 2

19420-2

14,0 cm/5 1/2"



1/1

Fig. 3

19420-3

15,0 cm/6"

Tränenkanal-Dilatatoren, Lachrymal Dilators, Dilatateurs pour le canal lacrymal, Dilatadores para canal lacrimal

spitz
sharp
pointu
agudo



1/1

Fig. 1

19502-1

Wilder
11,0 cm/4 1/2"



1/1

Fig. 2

19502-2



1/1

Fig. 3

19502-3



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Chalazionslöffel
Chalazion Curettes
Curettes à chalazion
Cucharillas para chalazión

Exenterationslöffel
Exenteration Scoops
Curettes pour exentération
Cucharillas para exentación

Chalazionslöffel, Chalazion Curettes, Curettes à chalazion, Cucharillas para chalazión



Ø 0,5 mm 1,0 mm 1,5 mm 1,8 mm 2,0 mm 2,5 mm 3,5 mm 4,0 mm 4,5 mm

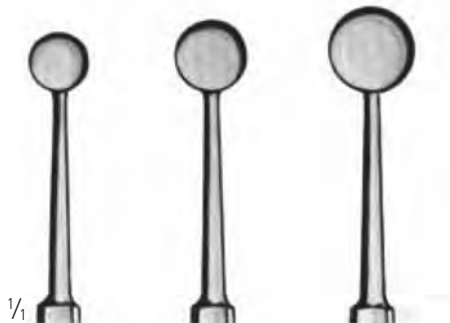


Fig. 0 **Fig. 1** **Fig. 2** **Fig. 3** **Fig. 4** **Fig. 5** **Fig. 6** **Fig. 7** **Fig. 8**
19491-0 **19491-1** **19491-2** **19491-3** **19491-4** **19491-5** **19491-6** **19491-7** **19491-8**

scharf
sharp
tranchante
cortante

Meyhoefer
13,0 cm/5¼"

Exenterationslöffel, Exenteration Scoops, Curettes pour exentération, Cucharillas para exentación



Bunge
14,5 cm/5¾"

Fig. 1 **Fig. 2** **Fig. 3**
19493-1 **19493-2** **19493-3**

Sperrelevatoren
Eye Specula
Blépharostats
Blefarostatos



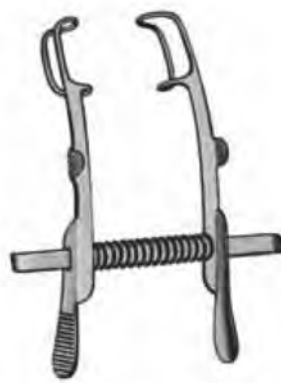
SCHWERT
SWORD · ESPADA
EPEE · SPADA



Mellinger-Beard

19121 5,0 cm/2"
für Kinder
for children
pour enfants
para niños

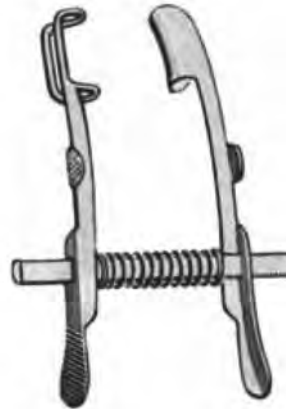
19122 7,0 cm/2¾"
für Erwachsene
for adults
pour adultes
para adultos



Mellinger

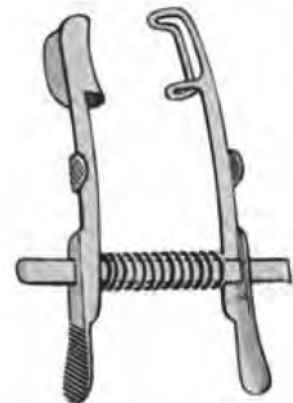
19119 5,0 cm/2"
für Kinder
for children
pour enfants
para niños

19120 7,0 cm/2¾"
für Erwachsene
for adults
pour adultes
para adultos



Mellinger-Axenfeld

19125-1 7,0 cm/2¾"
rechts
to the right
à droite
a la derecha



Mellinger-Axenfeld

19125-2 7,0 cm/2¾"
links
to the left
à gauche
a la izquierda



Murdock

19126
5,0 cm/2"



Mueller

19127
7,0 cm/2¾"



Goldstein

19128
3,0 cm/1¼"



Park-Guyton

19139
8,0 cm/3¼"



Knapp-Clark

19140
8,0 cm/3¼"



Williams

19141 7,0 cm/2¾"
für Kinder
for children
pour enfants
para niños

19142 8,0 cm/2¼"
für Erwachsene
for adults
pour adultes
para adultos



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Sperrelevatoren Eye Specula Blépharostats Blefarostatos



Lister-Burch

19143

8,0 cm/3¼"



Alm

15706-7

7,0 cm/2¾"

15705-7

15706-10

10,0 cm/4"

15705-10

scharf
sharp
pointu
agudo

stumpf
blunt
mousse
romo



Stevenson

19145

7,0 cm/2¾"



Castroviejo

19136

8,0 cm/3¼"



Lancaster

19146

7,0 cm/2¾"



Bowman

19150

7,0 cm/2¾"

Lidhalter
Lid Retractor
Ecarteurs à paupières
Separadores de párpados

Markierungszirkel
Marker graduated
Marqueur gradué
Marcador graduado



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

Lidhalter, Lid Retractor, Ecarteurs à paupières, Separadores de párpados



6 mm

für Kinder
 for children
 pour enfants
 para niños

Desmarres

19072

13,0 cm/5¼"



Fig. 1

19073-1 12 mm

Fig. 2

19073-2 14 mm

Fig. 3

19073-3 16 mm

Fig. 4

19073-4 18 mm

Desmarres

13,0 cm/5¼"

Markierungszirkel. Nur zur Vergleichsmessung.
 Marker graduated. Only for comparison measurement.
 Marqueur gradué. Pour une mesure comparative uniquement.
 Marcador graduado. Sólo a efectos comparativos.



Messbereich
 Measuring Range
 Echelle
 Alcance de medición

19065-15 15 mm

19065-20 20 mm

Castroviejo



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Nachstarscheren
Secondary Cataract Scissors
Ciseaux pour la cataracte secondaire
Tijeras para catarata secundaria

Mikro-Scheren
Micro Scissors
Micro-Ciseaux
Micro Tijeras

Nachstarscheren, Secondary Cataract Scissors
Ciseaux pour la cataracte secondaire, Tijeras para catarata secundaria

Mikro-Scheren
Micro Scissors
Micro-Ciseaux
Micro Tijeras



gerade
straight
droits
rectas

Vannas

19831

8,0 cm/3¼"



gebogen
curved
courbes
curvas

Vannas

19832

8,0 cm/3¼"



seitwärts abgewinkelt
angular on side
coudé a la côte
acodada lateral

Vannas

19833

8,0 cm/3¼"



Mc Clure

19834-10

10,0 cm/4"



Mc Clure

19834-11

11,0 cm/4½"

Mikro-Hornhautscheren, Micro Corneal Scissors, Micro-Ciseaux pour la corneé, Micro Tijeras para córnea



links
to the left
à gauche
a la izquierda

Troutman

19835-1

10,0 cm/4"



rechts
to the right
à droite
a la derecha

Troutman

19835-2

10,0 cm/4"



links
to the left
à gauche
a la izquierda

Troutman

19836-1

10,0 cm/4"

mit Sperre
with ratchet
avec arrêt
con cierre



rechts
to the right
à droite
a la derecha

Troutman

19836-2

10,0 cm/4"

Hornhautscheren
Corneal Scissors
Ciseaux pour la corneé
Tijeras para córnea

Sehnenscheren
Tenotomy Scissors
Ciseaux à tenotomie
Tijeras para tenotomía

Hornhautscheren, Corneal Scissors, Ciseaux pour la corneé, Tijeras para córnea



links
to the left
à gauche
a la izquierda

Katzin

19820-1

10,0 cm/4"



rechts
to the right
à droite
a la derecha

Katzin

19820-2

10,0 cm/4"



links
to the left
à gauche
a la izquierda

Katzin

19821-1

10,0 cm/4"

mit Sperre
with ratchet
avec arrêt
con cierre



rechts
to the right
à droite
a la derecha

Katzin

19821-2

10,0 cm/4"

Hornhautscheren, Corneal Scissors
 Ciseaux pour la corneé, Tijeras para córnea

Sehnenscheren, Tenotomy Scissors
 Ciseaux à tenotomie, Tijeras para tenotomía



Mc Guire

19822

10,0 cm/4"



seitwärts abgewinkelt
angular on side
coude à la côté
acodada lateral

Castroviejo

19824

9,0 cm/3½"



spitz
sharp
pointus
agudos

Westcott

19883-1

11,0 cm/4½"



stumpf
blunt
mousses
romos

Westcott

19883

11,0 cm/4½"



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Iridektomiescheren
Iridectomy Scissors
Ciseaux à iridectomie
Tijeras para iridectomía

gerade
straight
droits
rectas



19852-1
9,0 cm/3½"



19852-2
9,0 cm/3½"
gebogen
curved
courbes
curvas



19852-3
9,0 cm/3½"
kniegebogen
angular on side
coude a lt côte
acodada lateral

geknöpft
probe pointed
boutonnés
abotonadas



19853
9,0 cm/3½"



Noyes
19823
12,0 cm/4¾"



Noyes
12,0 cm/4¾"



Fig. 1
19827-1



Fig. 2
19827-2



Fig. 3
19827-3

Hornhautscheren
Corneal Scissors
Ciseaux pour la corneé
Tijeras para córnea



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



gebogen
 curved
 courbes
 curvas

Castroviejo

19842

9,0 cm/3½"



links
 to the left
 à gauche
 a la izquierda

Castroviejo

19830-2

11,0 cm/4½"



rechts
 to the right
 à droite
 a la derecha

Castroviejo

19830-1

11,0 cm/4½"



spitz
 sharp
 pointus
 agudos

Castroviejo

19838-1

10,0 cm/4"



stumpf
 blunt
 mousses
 romos

Castroviejo

19838-2

10,0 cm/4"



Mikro-Scheren
Micro Scissors
Micro-Ciseaux
Micro Tijeras

SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Reil



19860-1
 14,0 cm/5½"
 gerade
 straight
 droits
 rectas



19860-2
 15,5 cm/6¼"
 gebogen
 curved
 courbes
 curvas



19860-3
 15,5 cm/6¼"
 gebogen
 curved
 courbes
 curvas

1 Schneide gezahnt
 1 blade saw edge
 1 lame dentelée
 1 hoja dentada



Vannas
 16,0 cm/6¼"



19861-1
 gerade
 straight
 droits
 rectas



19861-2
 gebogen
 curved
 courbes
 curvas



10,0 cm/4"



19862-1
 14,0 cm/5½"
 gerade
 straight
 droits
 rectas

sehr fein
 very delicate
 très fins
 muy finos



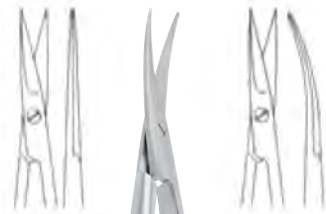
19862-2
 15,5 cm/6¼"
 gebogen
 curved
 courbes
 curvas

spitz
 sharp
 pointus
 agudos

Mikro-Scheren
Micro Scissors
Micro-Ciseaux
Micro Tijeras



SCHWERT
 SWORD · ESPADA
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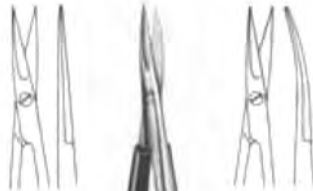


18674-18

gerade
 straight
 droits
 rectas

18675-18

gebogen
 curved
 courbes
 curvas



18674-15

gerade
 straight
 droits
 rectas

18675-15

gebogen
 curved
 courbes
 curvas



18674-12

gerade
 straight
 droits
 rectas

18675-12

gebogen
 curved
 courbes
 curvas



12,5 cm/5"



15,0 cm/6"



18,0 cm/7"



Irisscheren "Ribbon type"
Iris Scissors "Ribbon type"
Ciseaux pour l'iris "Ribbon type"
Tijeras para iris "Ribbon type"

SCHWERT
SWORD - ESPADA
EPEE - SPADA



spitz
sharp
pointus
agudos



19890-9	9,0 cm/3½"	19891-9
19890-10	10,5 cm/4¼"	19891-10
gerade		gebogen
straight		curved
droits		courbes
rectas		curvas



spitz
sharp
pointus
agudos



19892-9	9,5 cm/3¾"	19893-9
gerade		gebogen
straight		curved
droits		courbes
rectas		curvas



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Mikrochirurgie
Microsurgery
Microchirurgie
Microcirugía





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Für Klingengröße
Nr 3.
For blades size
no. 3.



13060
Edelstahl,
ergonomische Form
Stainless steel,
ergonomic shape



13061
Edelstahl, gebogen,
ergonomische Form
Stainless steel, curved
ergonomic shape

Skalpelle-Griffe Scalpel Handles Manches pour bistouris Mangos de bisturías

i

SAFE-EX 2

patented

13051

Sicherheitsklinghalter mit Abwurf Funktion,
ergonomische Form, zerlegbar
Safety blade holder with eject function,
ergonomic shape, dismountable



Das alltägliche Verletzungsrisiko beim Aufnehmen und vor allem dem Entfernen der Klinge vom Skalpell Griff ist mit herkömmlichen Instrumenten unvermeidlich. Mit dem neuen SCHWERT SAFE-EX hat man eine Innovation geschaffen die den Praxisalltag verändert.

Die im Griff integrierte Funktion, ähnlich der Benutzung eines Kugelschreibers, reduziert die Verletzungsgefahr auf ein Minimum. Die Klinge wird beim SAFE-EX per Knopfdruck am distalen Ende einfach ausgeworfen. Praxispersonal wird im Zuge der Wiederaufbereitung wirksam vor Krankheitsübertragungen und Infektionen durch Schnitte geschützt.

The daily risk of injuries by mounting and especially dismantling of blades is not avoidable by standard blade holders. With the new SCHWERT SAFE-EX an innovation was developed that changes the daily routine eminently.

The integrated function that works like a regular ball pen reduces the risk of an injury to a minimum. The blade is ejected from the SAFE-EX just by pushing the button on the distal end. The practice staff, especially during the re-processing, is safe from infections caused by unintended cuts.



1:1

Für Mikroklingen
For micro blades.



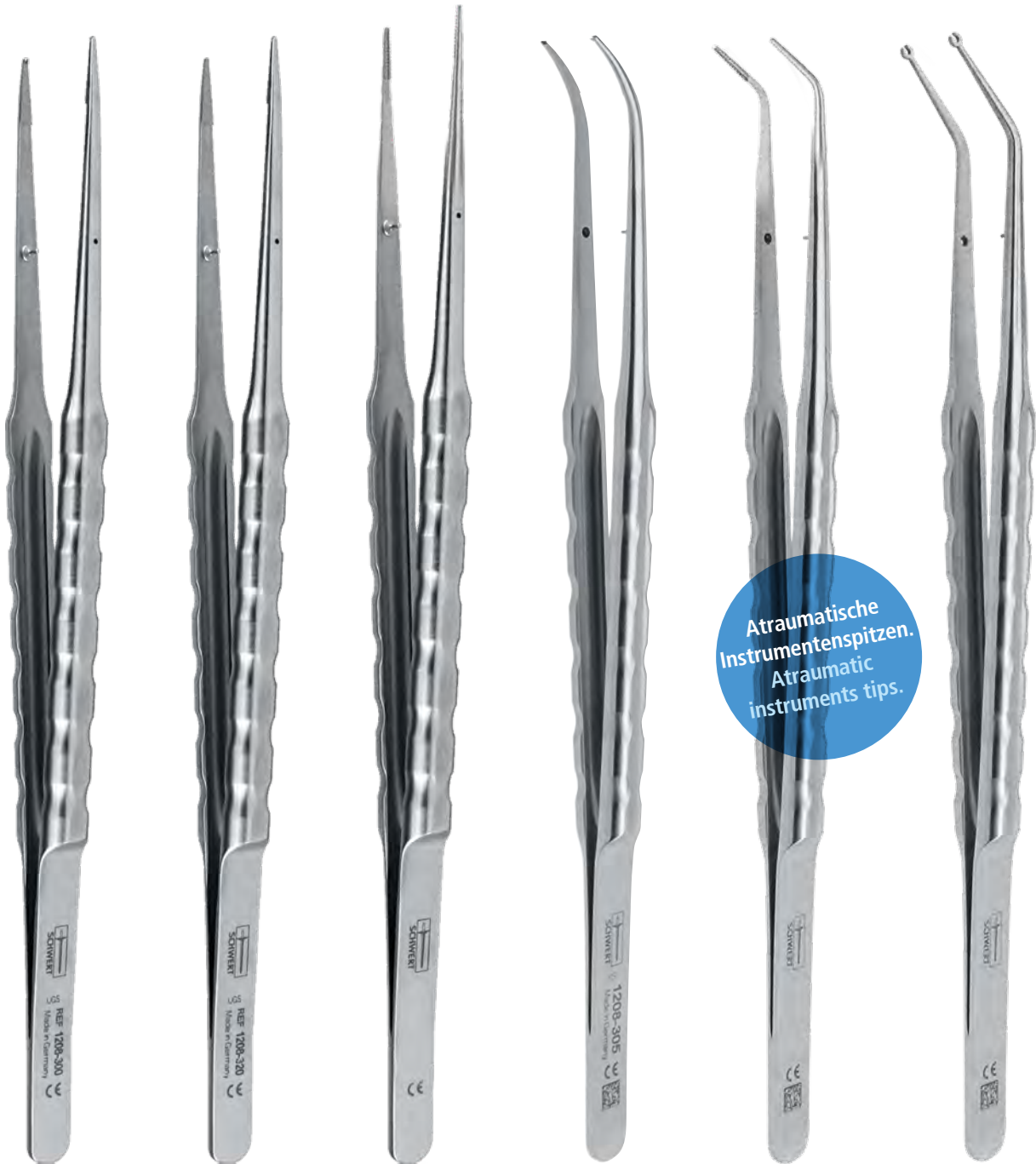
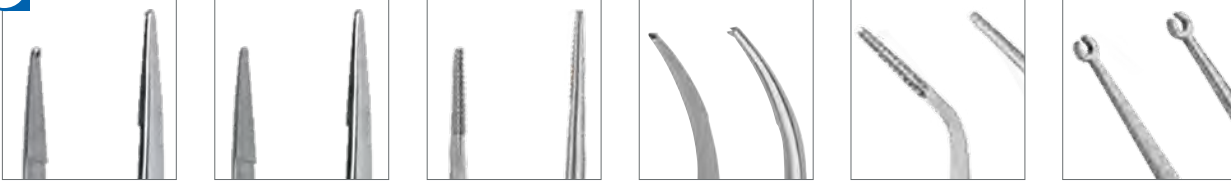
13070
Ergonomisch, Titan
Ergonomic, titanium

Mikro-Pinzetten
Micro Forceps
Micro-Pinces
Micro Pinzas



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

1:1



Atraumatische
 Instrumentenspitzen.
 Atraumatic
 instruments tips.

11407-30

1x2 Zähne
 1x2 teeth
 17,5 cm

mit Fadenplatte
 with suture plate

11407-32

glatt
 smooth
 17,5 cm

mit Fadenplatte
 with suture plate

11407-34

COOLEY
 17,5 cm

11407-305

1x2 Zähne
 1x2 teeth
 17,5 cm

mit Fadenplatte
 with suture plate

11407-345

COOLEY
 17,5 cm

11407-355

Ø Ring: 2,0 mm
 Ø ring: 2.0 mm
 17,5 cm

Mikro Nahtpinzette
 Micro suture forceps





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Nadelhalter
Needle Holders
Porte-aiguilles
Porta-agujas

i

SCHWERT *twist* Serie
SCHWERT *twist* series

Die SCHWERT *twist* Instrumente mit gedrehtem Schluss vermeiden zuverlässig ein Verfangen des Fadens während des Knüpfens.

The SCHWERT *twist* instruments with the twisted lock avoid reliably sticking of the suture while knotting.

1:1



12360-10

***twist* TC**

Mikro Nadelhalter
mit Schloss, 17,5 cm
Micro Needleholder
with lock, 17.5 cm

5/0 - 8/0

Fadenstärke
suture size



12360-16

***twist* TC**

Mikro Nadelhalter
mit Schloss, 17,5 cm
Micro Needleholder
with lock, 17.5 cm

5/0 - 8/0



12360-60

***twist* TC**

Mikro Nadelhalter
mit Schloss, 17,5 cm
Micro Needleholder
with lock, 17.5 cm

4/0 - 8/0

12360-66

***twist* TC**

Mikro Nadelhalter
mit Schloss, 17,5 cm
Micro Needleholder
with lock, 17.5 cm



**Nadelhalter
Needle Holders
Porte-aiguilles
Porta-agujas**

1:1



SCHWERT
SWORD · ESPADA
EPEE · SPADA



12360-61

twist TC

Mikro Nadelhalter
mit Schloss, 15,0 cm
Micro Needleholder
with lock, 15.0 cm

4/0 - 8/0



12360-67

twist TC

Mikro Nadelhalter
mit Schloss, 15,0 cm
Micro Needleholder
with lock, 15.0 cm

4/0 - 8/0



12360-70

twist TC

Mikro Nadelhalter
nach Kirsch
mit Schloss, 17,5 cm
Micro Needleholder
acc. to Kirsch
with lock, 17.5 cm

4/0 - 8/0

Fadenstärke
suture size



SCHWERT
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EPEE · SPADA

Mikro-Scheren
Micro Scissors
Micro-Ciseaux
Micro Tijeras



18675-17

MICRO
17,5 cm
Ø 8,0 mm
gebogen, fein
curved, fine



18675-217

MICRO
17,5 cm
Ø 8,0 mm
gebogen, sehr fein
curved, very fine



18675-117

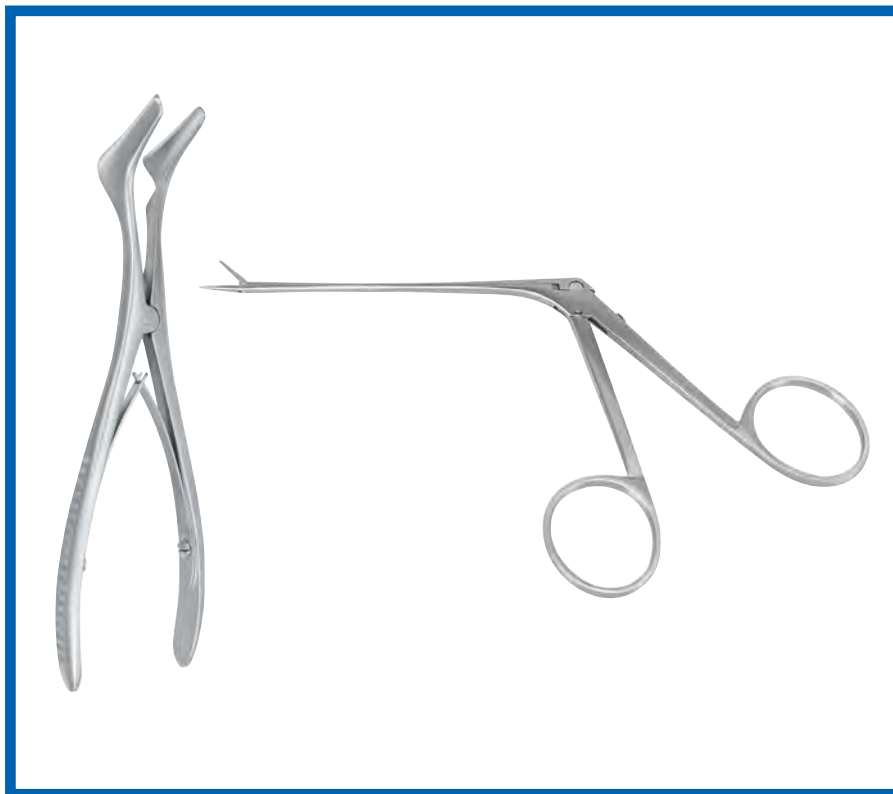
MICRO
17,5 cm
Ø 8,0 mm
mikroverzahnt, gebogen
micro serrated, curved

1:1



SCHWERT
SWORD · ESPADA
EPEE · SPADA

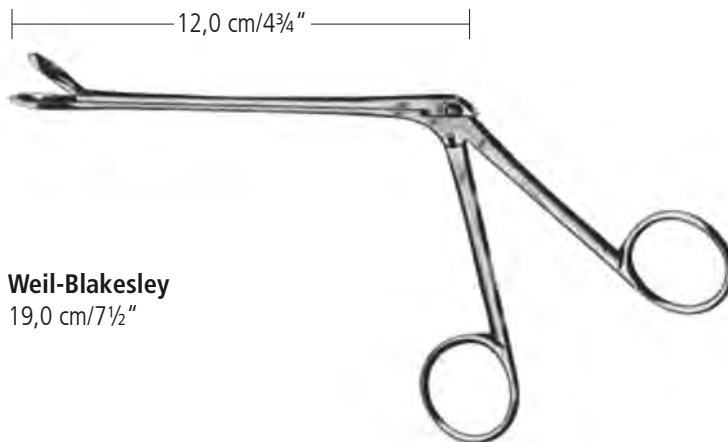
HNO-Instrumente ENT-Instruments Instruments ORL Instrumental ORL





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Scharfe Nasenzangen
Nasal Cutting Forceps
Pinces coupantes pour le nez
Pinzas cortantes para la nariz



Weil-Blakesley
19,0 cm / 7 1/2"

	gerade straight droits rectas	Standard	mit Absaugrohr with suction tube avec tube d'aspiration con tubo de aspiración
1/1			
	2,5 mm	21198-V1	21199-V1
	3,6 mm	21198-V2	21199-V2
	4,8 mm	21198-V3	
	5,3 mm	21198-V4	
	6,3 mm	21198-V5	

	45° aufgebogen 45° curved upwards 45° courbe en haut 45° curva arriba	Standard	mit Absaugrohr with suction tube avec tube d'aspiration con tubo de aspiración
1/1			
	2,5 mm	21198-V11	21199-V11
	3,6 mm	21198-V12	21199-V12
	4,8 mm	21198-V13	
	5,3 mm	21198-V14	
	6,3 mm	21198-V15	

	90° aufgebogen 90° curved upwards 90° courbe en haut 90° curva arriba	Standard
1/1		
	2,5 mm	21198-V21
	3,6 mm	21198-V22
	4,8 mm	21198-V23
	5,3 mm	21198-V24

Scharfe Nasenzangen
 Nasal Cutting Forceps
 Pincas coupantes pour le nez
 Pinzas cortantes para la nariz



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Takahashi
 19,0 cm / 7 1/2 inches

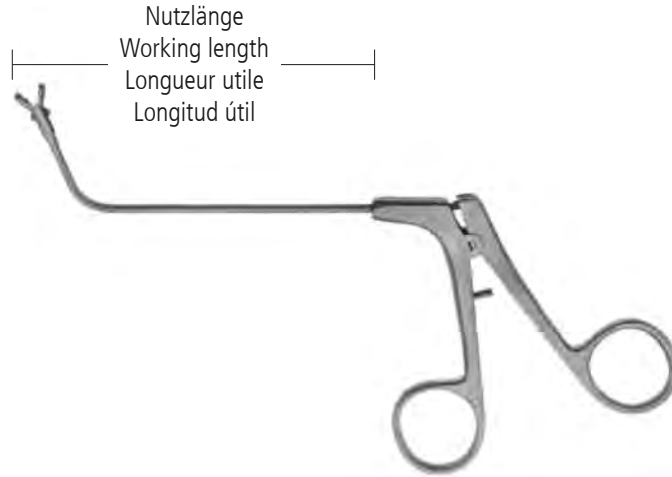
 	gerade straight droits rectas	Standard	mit Absaugrohr with suction tube avec tube d'aspiration con tubo de aspiración
	Fig. 1 2,5 mm	21198-L1	21199-L1
	Fig. 2 4,0 mm	21198-L2	21199-L2

 	45° aufgebogen 45° curved upwards 45° courbe en haut 45° curva arriba	Standard	mit Absaugrohr with suction tube avec tube d'aspiration con tubo de aspiración
	Fig. 1 2,5 mm	21198-L11	21199-L11
	Fig. 2 4,0 mm	21198-L12	21199-L12



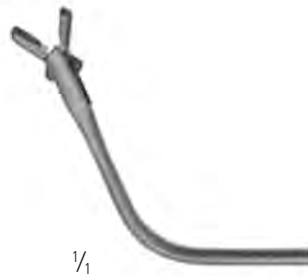
SCHWERT
SWORD · ESPADA
EPEE · SPADA

Nasenzangen (Doppellöffel)
Nasal Forceps (Biopsy Forceps)
Pincès pour le nez (Pincès emporte-pièce à biopsie)
Pinzas para la nariz (Pinzas para biopsia)



21205-1

gerade
straight
droits
rectas



21205-11

70° aufgebogen
70° curved upwards
70° courbe en haut
70° curva arriba



21205-21

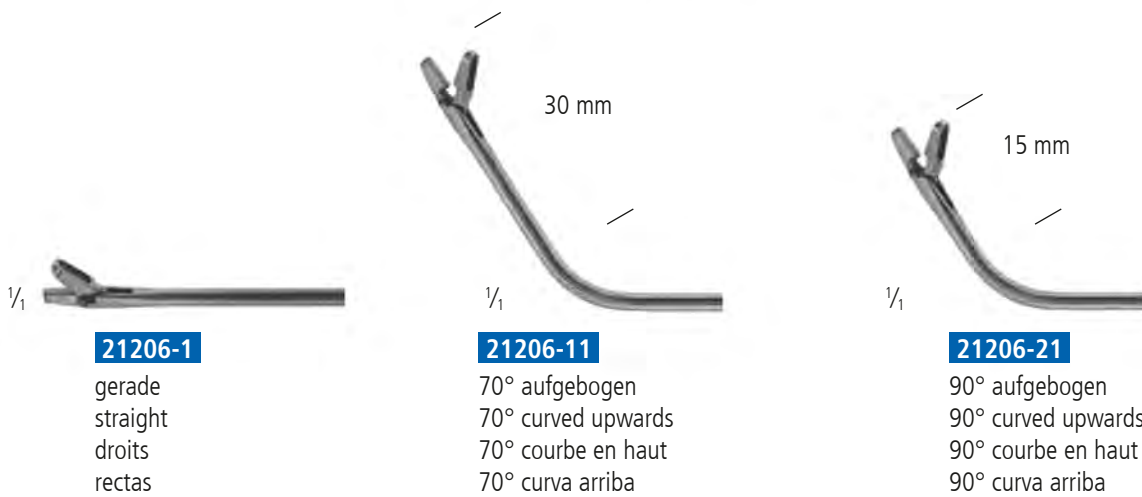
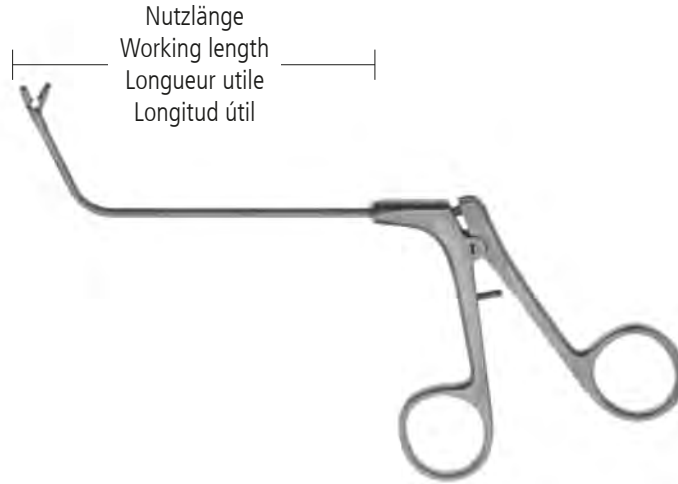
90° aufgebogen
90° curved upwards
90° courbe en haut
90° curva arriba

	Maul Jaw Mors Boca	Nutzlänge Working length Longueur utile Longitud útil
21205-1	3x4,5 mm	110 mm
21205-11	3x4,5 mm	80 mm
21205-21	3x4,5 mm	70 mm

Nasenzangen (durchschneidend)
Punch Forceps (cutting)
Pincés coupantes pour le nez
Pinzas cortantes para la nariz



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

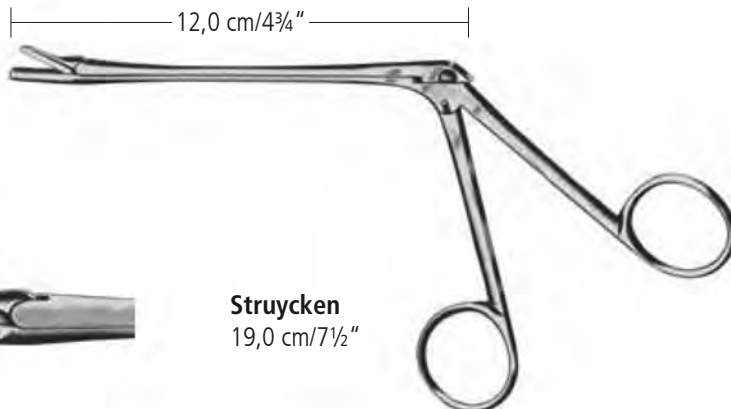


	Maul Jaw Mors Boca	Nutzlänge Working length Longueur utile Longitud útil
21206-1	1,5x5 mm	110 mm
21206-11	1,5x5 mm	80 mm
21206-21	1,5x5 mm	70 mm



SCHWERT
SWORD - ESPADA
EPEE - SPADA

Scharfe Nasenzangen
Nasal Cutting Forceps
Pincès coupantes pour le nez
Pinzas cortantes para la nariz



21198-D

1,0 mm



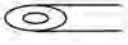

Struycken
19,0 cm / 7 1/2 inches

21198-D1,5

1,0 mm



Wilde

	Bissbreite Width of bite Grandeur de coupe Ancho de la boca	Schaftlänge, Length of shaft Longueur de tige, Largo del asta		Schaftlänge, Length of shaft Longueur de tige, Largo del asta	
		13,0 cm / 5"	17,0 cm / 6 3/4"	13,0 cm / 5"	17,0 cm / 6 3/4"
	3x8 mm	21201-3	21202-3	21201-13	21202-13
	4x10 mm	21201-4	21202-4	21201-14	21202-14

Nasenscheren
Nasal Scissors
Ciseaux pour le nez
Tijeras nasales



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



— 14 mm —

1/1



21258-1

gerade
 straight
 droits
 rectas

1 Schneide gezahnt
 1 blade toothed
 1 tranchant dentelé
 1 filo dentado



— 14 mm —

1/1



21258-2

rechts gebogen
 curved to the right
 courbe à droite
 curva hacia la derecha

1 Schneide gezahnt
 1 blade toothed
 1 tranchant dentelé
 1 filo dentado



— 14 mm —

1/1



21258-3

links gebogen
 curved to the left,
 courbe à gauche
 curva hacia la izquierda

1 Schneide gezahnt
 1 blade toothed
 1 tranchant dentelé
 1 filo dentado



Septumscheren
Septum Scissors
Ciseaux pour la cloison nasale
Tijeras para el tabique nasal

SCHWERT
SWORD · ESPADA
EPEE · SPADA

gezahnt
toothed
dentele
dentado



Caplan
20,0 cm/8"

21255-20

gezahnt
toothed
dentele
dentado



Killian
21,0 cm/8½"

21256-20

Septumzangen
Septum Forceps
Pincès pour la cloison nasale
Pinzas para el tabique nasal



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Rubin
21,0 cm/8½"
21264

TC-Rubin
21,0 cm/8½"
21264-TC



Asch
22,0 cm/8¾"
21268

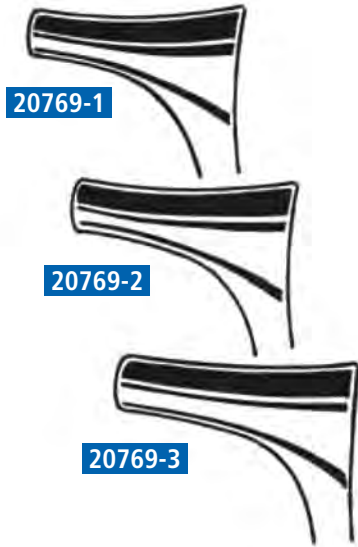


Nasenspekula
Nasal Specula
Spéculums pour le nez
Espéculos nasales

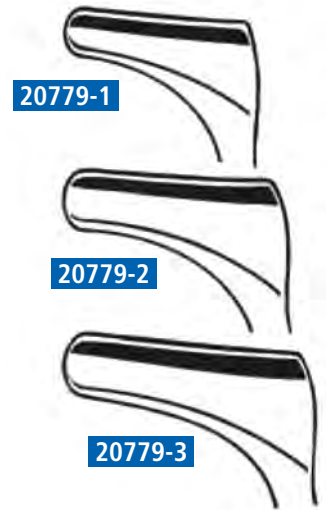
SCHWERT
SWORD · ESPADA
EPEE · SPADA



Hartmann
16,5 cm/6½"



Hartmann-Halle
15,0 cm/6"



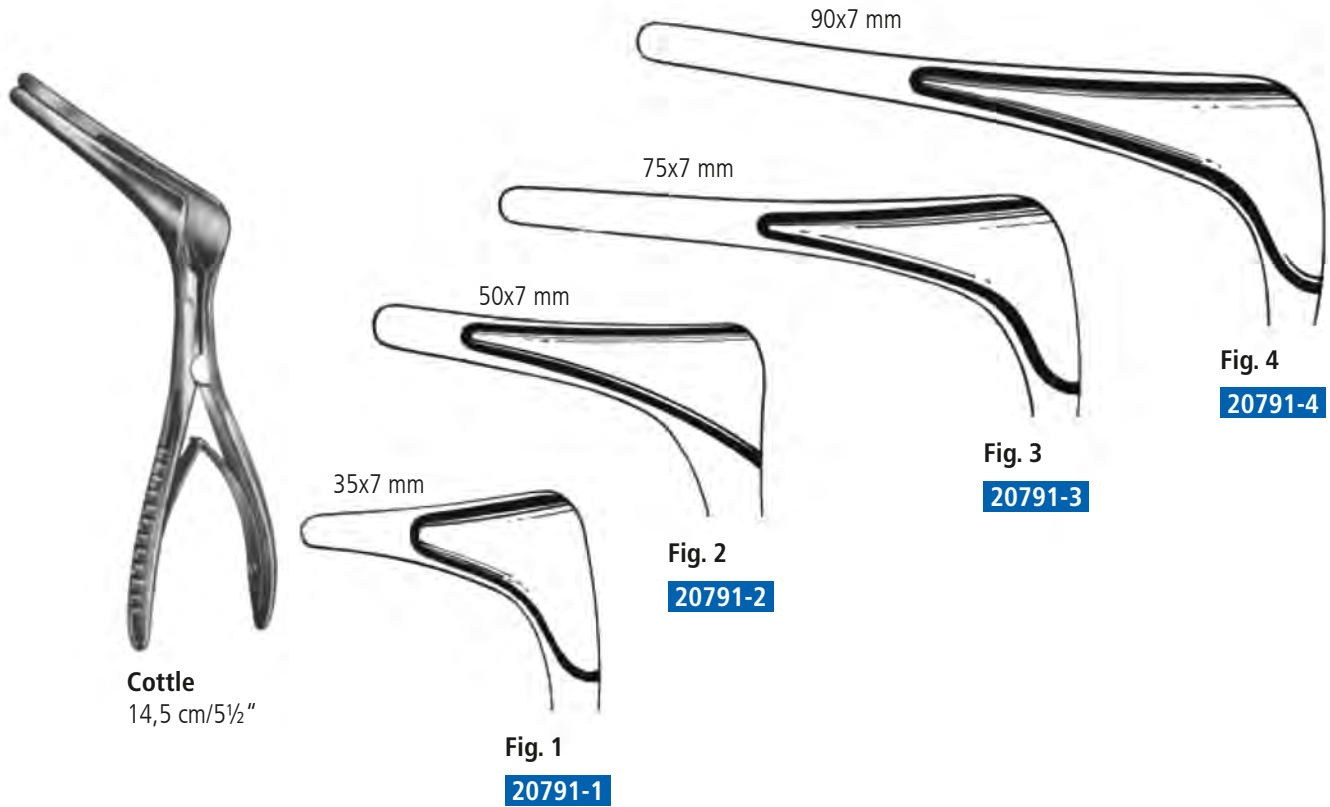
Tieck-Halle
13,5 cm/5¼"
20782-1



Nasenspekula
 Nasal Specula
 Spéculum pour le nez
 Espéculos nasales



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



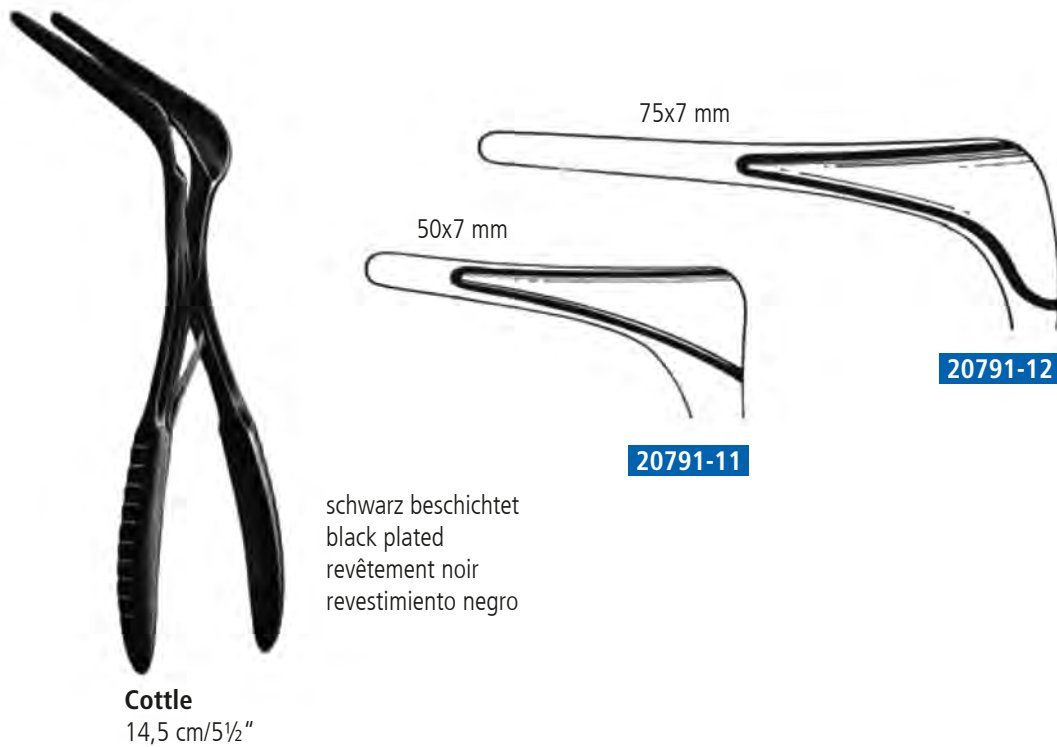
Cottle
 14,5 cm/5½"

Fig. 1
 20791-1

Fig. 2
 20791-2

Fig. 3
 20791-3

Fig. 4
 20791-4



Cottle
 14,5 cm/5½"

schwarz beschichtet
 black plated
 revêtement noir
 revestimiento negro

20791-11

20791-12



SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Nasenspekula
Nasal Specula
Spéculums pour le nez
Espéculos nasales**



Killian
13,0 cm/5"

20790-1

35 mm

20790-2

50 mm

20790-3

75 mm

20790-4

90 mm



Modell Wien
14,0 cm/5½"

Fig. 1

20785-1



Fig. 2

20785-2



Fig. 3

20785-3



Thudichum (Goldsmith)
6,5 cm/2½"



Fig. 1

20748-1



Fig. 2

20748-2



Fig. 3

20748-3



Fig. 4

20748-4



Fig. 5

20748-5

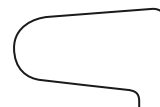


Fig. 6

20748-6

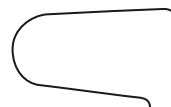


Fig. 7

20748-7

Polypenschnürer
Nasal Polypus Snares
Serre-noeds pour polypes
Polipótomos nasales



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Krause
26,0 cm/10¼"

20930



SCHWERT
SWORD - ESPADA
EPEE - SPADA

Polypenzangen
Nasal Polypus Forceps
Pinces à polypes nasaux
Pinzas para pólipos nasales



Hartmann

21039-13 13,0 cm/5"
21039-16 16,0 cm/6¼"



Hartmann

21039-20 20,0 cm/8"



Heymann-Knight

21040 18,0 cm/7"



Littauer

21041 18,0 cm/7"

Nasen- und Ohrpinzetten
 Nasal and Ear Dressing Forceps
 Pincés nasales et auriculaires
 Pinzas nasales y auriculares



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Troeltsch (Wilde)

- 20331-11** 11,0 cm/4½"
- 20331** 12,0 cm/4¾"
- 20955** 15,0 cm/6"
- 20957** 18,0 cm/7"



bajonettförmig
 bayonet-shaped
 en forme de baïonette
 en forma de bayoneta

Jansen

- 20950** 16,0 cm/6½"
- 20950-18** 18,0 cm/7"

Grünwald-Jansen

- 20952** 20,0 cm/8"



Lucae

- 20326** 14,0 cm/5½"



Lucae 1 x 2

- 20327** 14,0 cm/5½"



Cottle

- 20328** 14,0 cm/5½"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Nasenzangen
Nasal Forceps
Pinces pour le nez
Pinzas para la nariz

Septumzangen
Septum Forceps
Pinces pour la cloison nasale
Pinzas para el tabique nasal



Westmacott

21052 20,0 cm/8"



Graig

21100 18,0 cm/7"

Nasen-Septumzange
Nasal Septum Forceps
Pinces pour la cloison nasale
Pinzas para el tabique nasal

Septumzangen
Septum Forceps
Pince pour la cloison nasale
Pinza para el tabique nasal



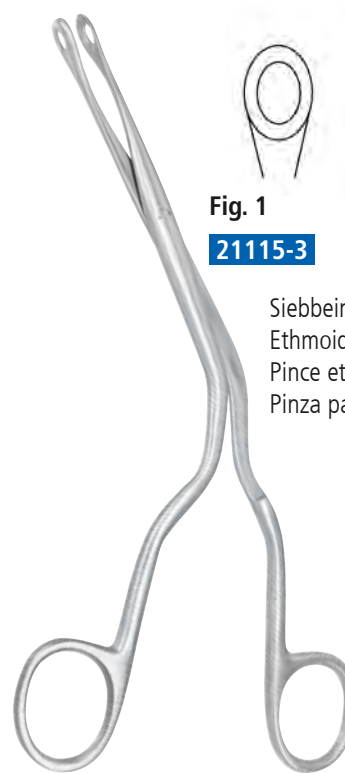
Killian

21086 17,0 cm/6¾"



Knight

21090 18,0 cm/7"



Luc

20,0 cm/8"

Fig. 1

21115-3

Fig. 2

21115-4

Siebbeinzange
Ethmoid Forceps
Pince ethmoidales
Pinza para etmoides

Septumzangen
Septum Forceps
Pincers pour la cloison nasale
Pinzas para el tabique nasal



SCHWERT
SWORD · ESPADA
EPEE · SPADA



durchschneidend
through-cutting
coupantes des deux côtés
bocas cortantes la una en la otra

Middleton-Jansen

21144

19,0 cm/7½"



Löffelmaul
spoon-shaped jaw
mors en forme d'un cuiller
con boca en forma de cucharilla

Middleton-Jansen

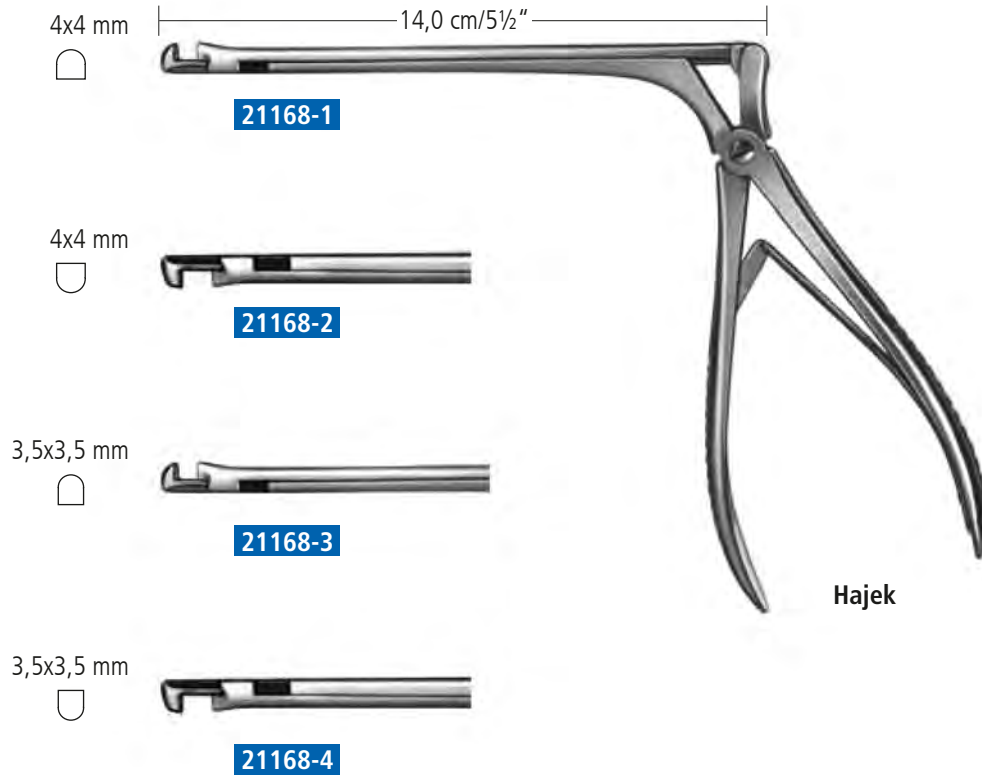
21143

19,0 cm/7½"



Keilbeinstanzen
Sphenoid Punches
Pinces emporte-pièces pour sinus sphénoïdal
Pinzas cortantes para seno esfenoïdal

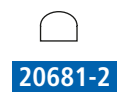
SCHWERT
SWORD · ESPADA
EPEE · SPADA



Kieferhöhlenstanze
Antrum Punch Forceps
Pinces emporte-pièces pour sinus maxillaire
Pinzas cortantes para seno maxila



4 mm



5 mm



6 mm



Septum-Elevatorien
Septum Elevators
Elévateurs pour la cloison nasale
Elevadores para el tabique nasal



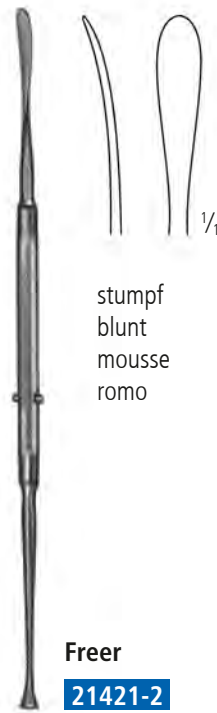
SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



scharf
 sharp
 tranchant
 cortante

Freer

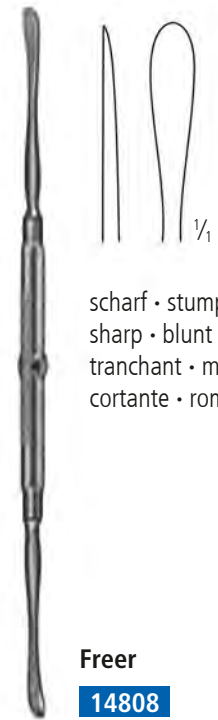
21421-1



stumpf
 blunt
 mousse
 romo

Freer

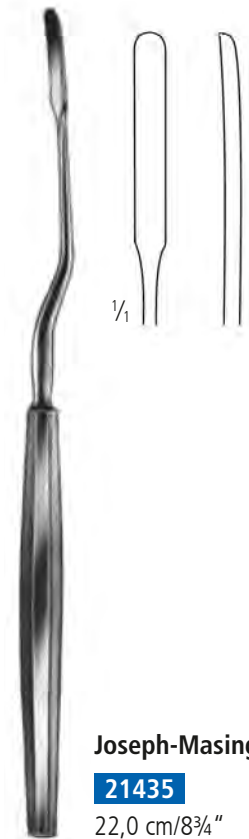
21421-2



scharf · stumpf
 sharp · blunt
 tranchant · mousse
 cortante · romo

Freer

14808



Joseph-Masing

21435

22,0 cm/8³/₄"



Killian

21402

18,0 cm/7"

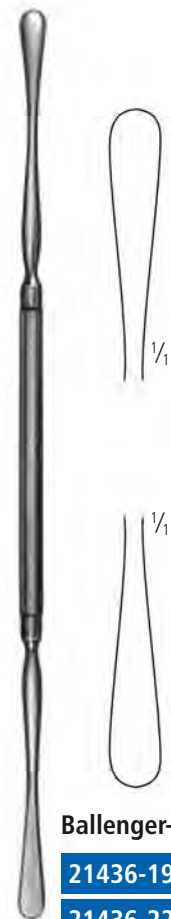


Kürette
 Curette
 Curette tranchante
 Cucharilla cortante

Faulkner

21465

21,0 cm/8¹/₄"



Ballenger-Hajek

21436-19

19,0 cm/7¹/₂"

21436-22

22,0 cm/8³/₄"

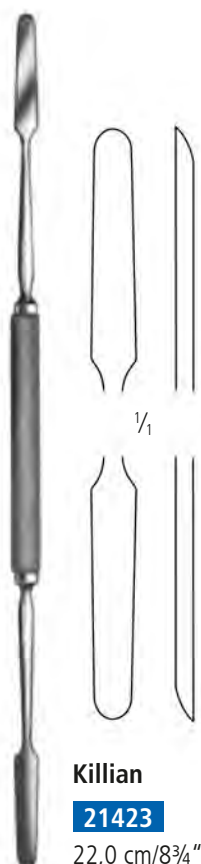


SCHWERT
SWORD · ESPADA
EPEE · SPADA

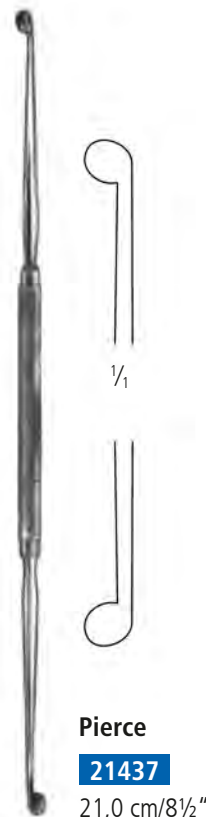
Septum- und Periost-Elevatoren
Septum and Periosteal Elevators
Élévateurs pour la cloison et le périoste
Elevadores para el tabique nasal y para el periostio



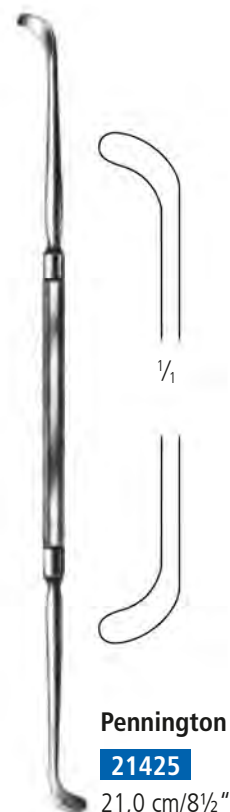
Killian
21422
18,0 cm/7"



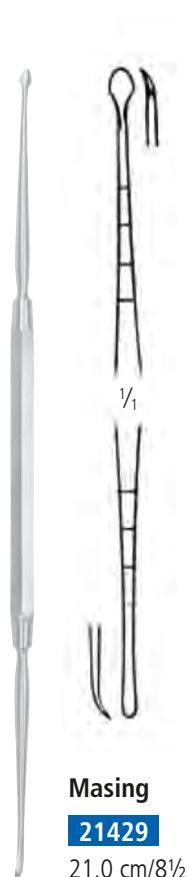
Killian
21423
22,0 cm/8¾"



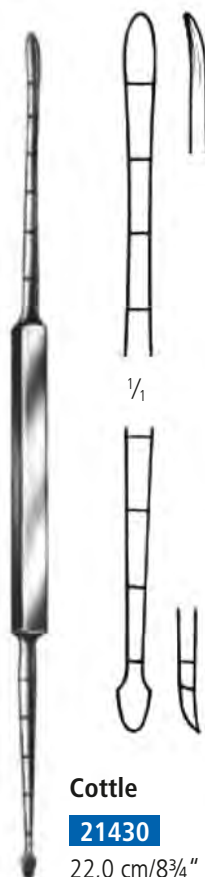
Pierce
21437
21,0 cm/8½"



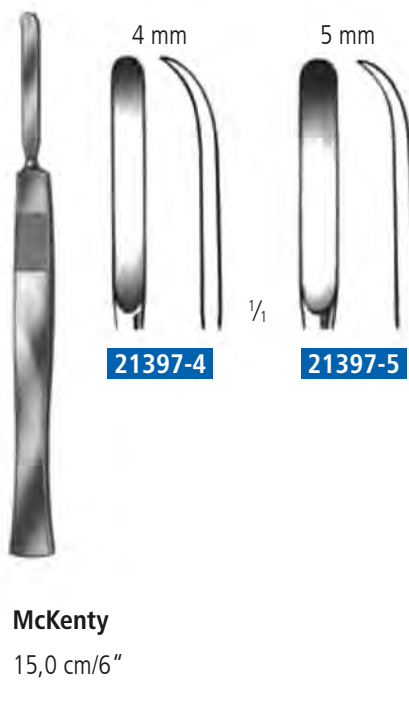
Pennington
21425
21,0 cm/8½"



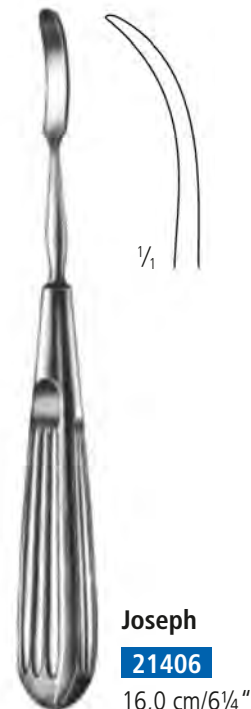
Masing
21429
21,0 cm/8½"



Cottle
21430
22,0 cm/8¾"



McKenty
15,0 cm/6"

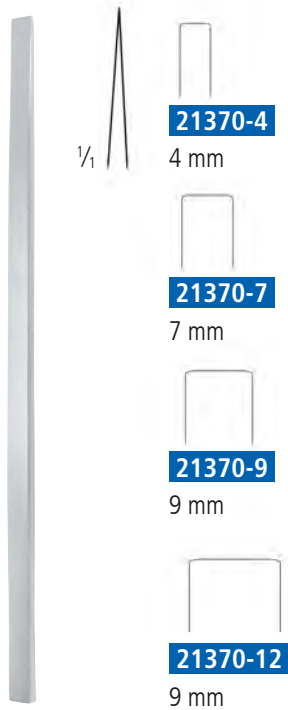


Joseph
21406
16,0 cm/6¼"

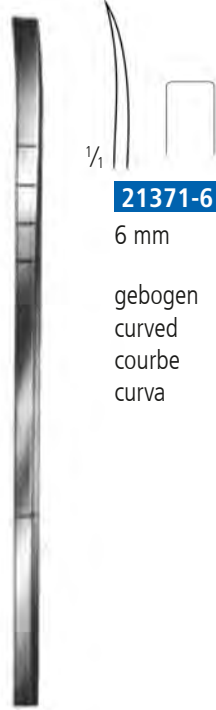
Nasen-Osteotome
 Nasal Osteotomes
 Osteotomes nasales
 Osteotomos nasales



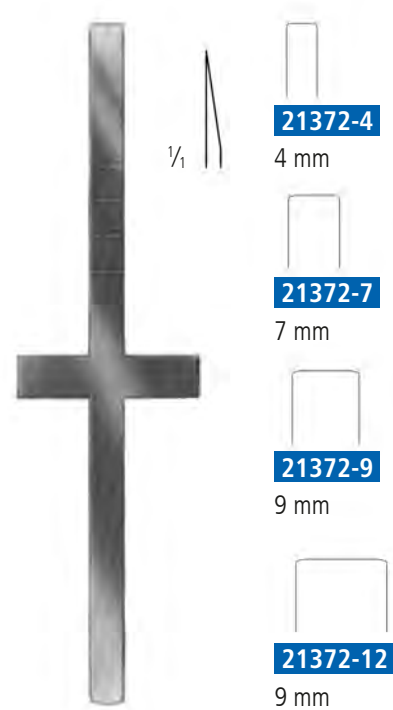
SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



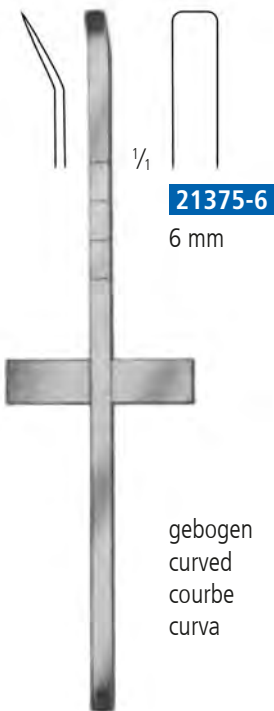
Cottle
 18,0 cm/7"



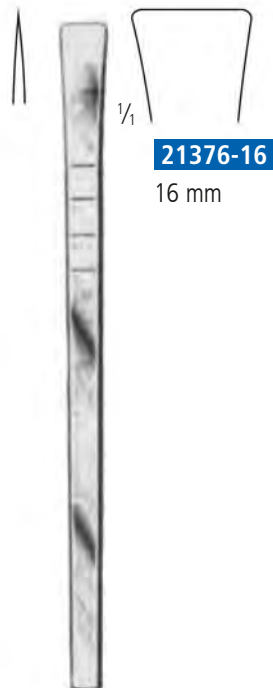
Cottle
 18,0 cm/7"



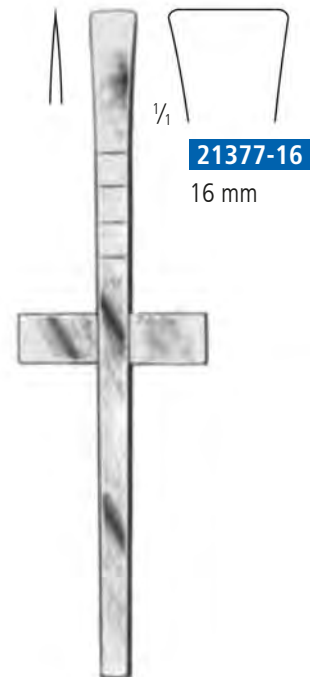
Cottle
 18,0 cm/7"



Cottle
 18,0 cm/7"



Cottle
 18,0 cm/7"

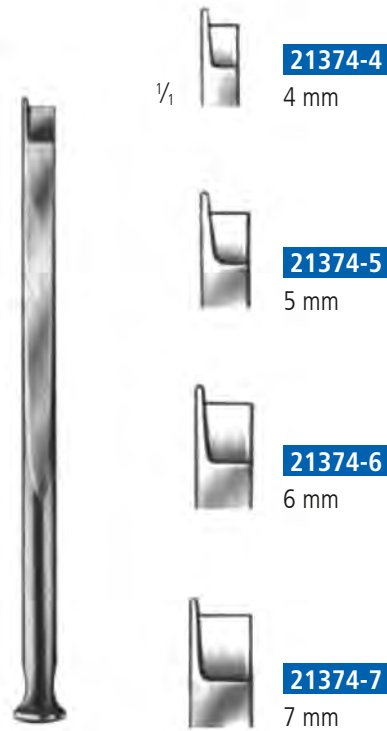


Cottle
 18,0 cm/7"

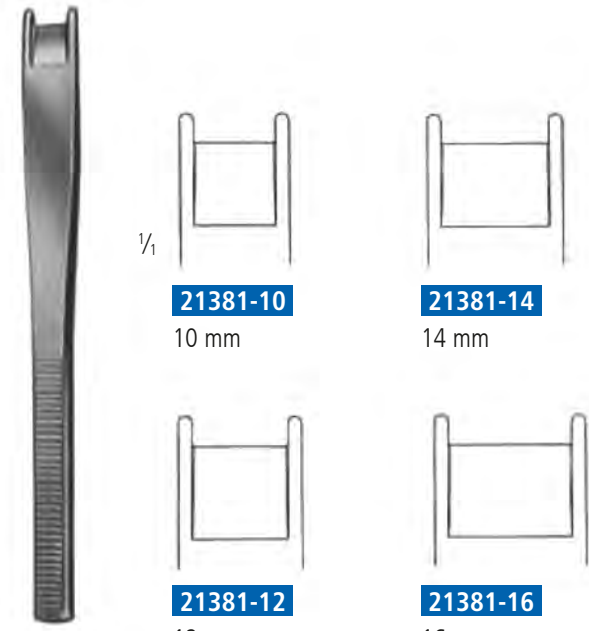


SCHWERT
SWORD · ESPADA
EPEE · SPADA

Nasen-Osteotome
Nasal Osteotomes
Osteotomes nasales
Osteotomos nasales

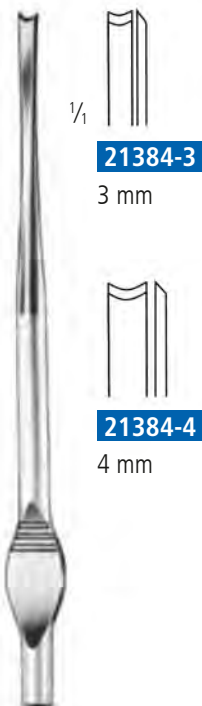


Fomon
17,0 cm/6¾"

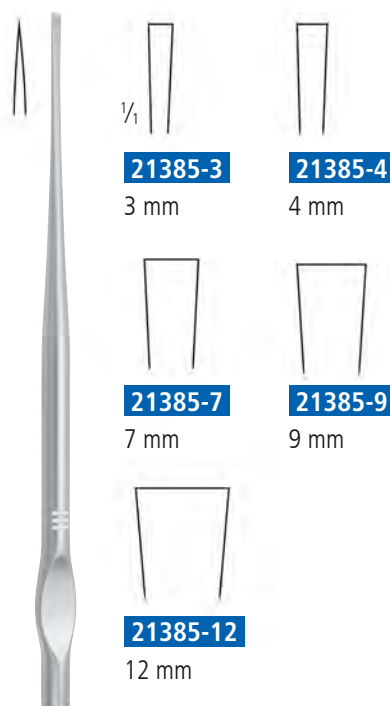


Cinelli
16,0 cm/6½"

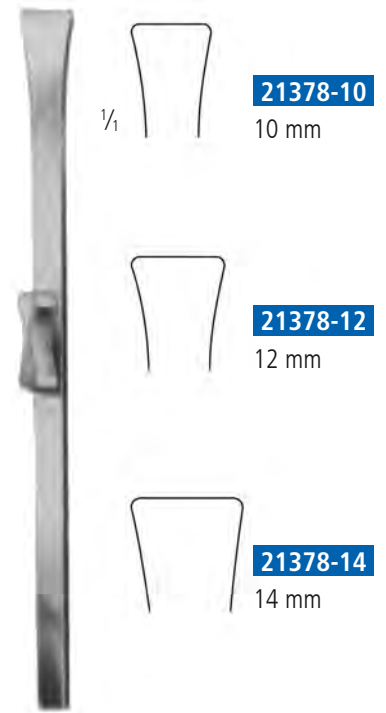
Flachmeißel
Chisel
Ciseaux-burin
Cinzel



Walter
19,0 cm/7¾"



Walter
19,0 cm/7¾"



Rubin
18,0 cm/7"

Nasen-Osteotome
Nasal Osteotomes
Osteotomes nasales
Osteotomos nasales



gerade
 straight
 droit
 recto

Silver

21383-1

18,0 cm/7"

Flachmeißel
Chisels
Ciseaux-burins
Cinceles



rechts
 right
 à droite
 a la derecha

Silver

21383-2

18,0 cm/7"

Septum-Hohlmeißel
Septum Gouges
Septum gouges
Septum gubias



links
 left
 à gauche
 a la izquierda

Silver

21383-3

18,0 cm/7"



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

Flachmeißel, Chisel
Ciseaux-burins, Cinceles

4 mm



gerade
 straight
 droit
 recto

Freer

21358-4

16,0 cm/6½"

4 mm



gebogen
 curved
 courbe
 curvo

Freer

21362-4

16,0 cm/6½"

6 mm



Freer

21340-2

15,0 cm/6"

Septum-Hohlmeißel, Septum Gouges, Septum gouges, Septum gubias

5 mm



Killian

21344

17,0 cm/6¾"

5 mm



Killian-Claus

21345

17,0 cm/6¾"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Nasensägen Nasal Saws Scies nasales Sierras nasales



Joseph
19,0 cm/7½"



Fig. 1
21487-10



Fig. 2
21487-11



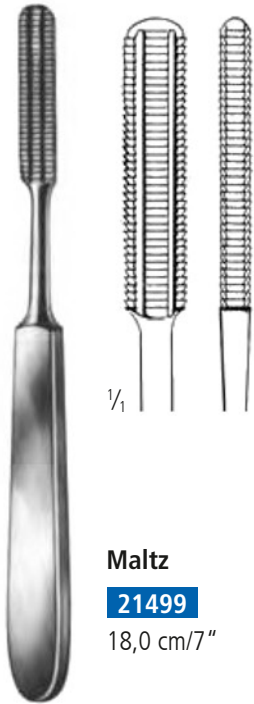
Fig. 3
21487-12

bajonettförmig
bayonet-shaped
en forme de baïonnette
en forma de bayoneta

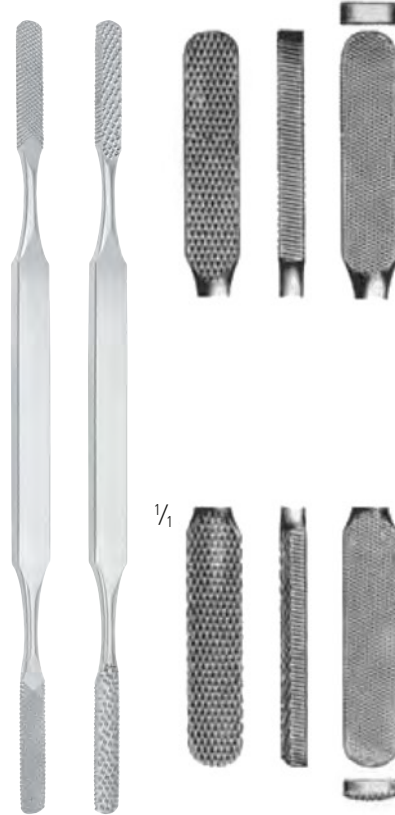
Nasenraspeln
Nasal Rasps
Râpes nasales
Raspas nasales



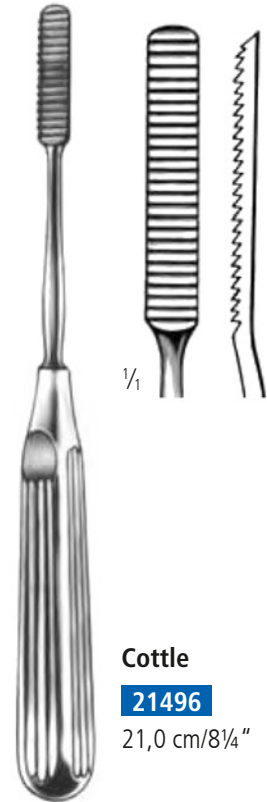
SCHWERT
SWORD · ESPADA
EPEE · SPADA



Maltz
21499
18,0 cm/7"



Fomon
21493
21,0 cm/8¼"



Cottle
21496
21,0 cm/8¼"

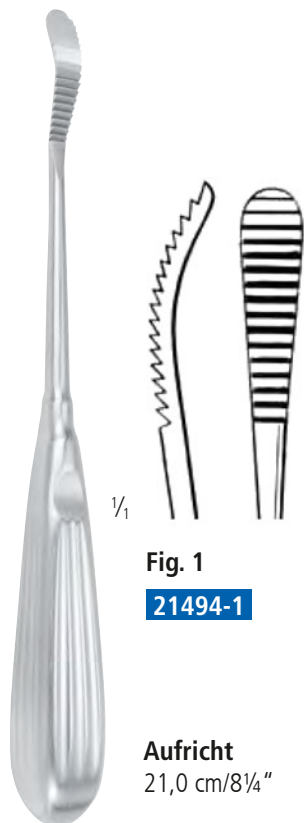


Fig. 1
21494-1

Aufricht
21,0 cm/8¼"

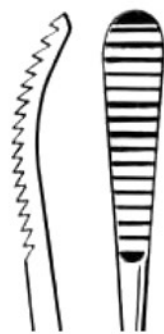


Fig. 2
21494-2

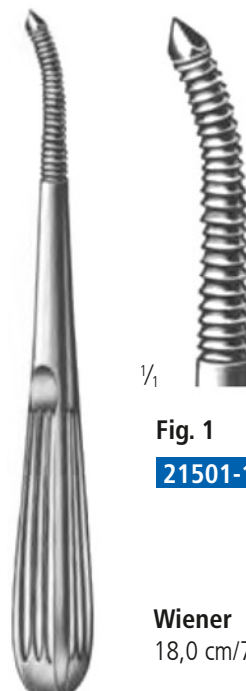


Fig. 1
21501-1

Wiener
18,0 cm/7"



Fig. 2
21501-2



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Nasenflügelhaken
Hooks for posterior nares
Crochets pour les ailes du nez
Separadores nasales



$\frac{1}{4}$
Fig. 1
21515-1

Fig. 2
21515-2

Fig. 3
21515-3



Joseph
21516
15,0 cm/6"



Cottle
21518
16,0 cm/6 $\frac{1}{4}$ "



Choanenhaken
Hook for posterior nares
Crochet boutoné pour les ailes du nez
Gancho para las coanas
Cottle
21519
22,0 cm/8 $\frac{3}{4}$ "



Aufricht
21525
17,0 cm/6 $\frac{3}{4}$ "



Aufricht
21532-19
19,0 cm/7 $\frac{1}{2}$ "



Aufricht
21533
13,5 cm/5 $\frac{1}{4}$ "



Kilner
21534
10,0 cm/4"



Converse
21535
12,0 cm/4 $\frac{3}{4}$ "

Nasenflügelhaken
 Hooks for posterior nares
 Crochets pour les ailes du nez
 Separadores nasales



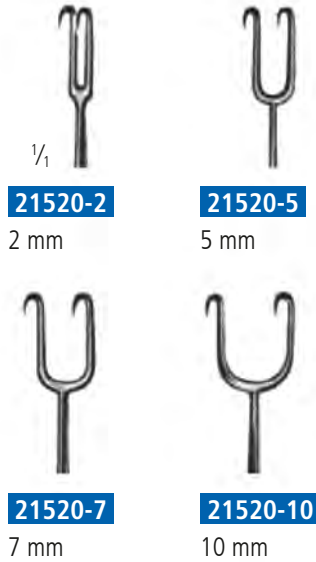
SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Freer
21536
 15,0 cm/6"



Joseph
 16,0 cm/6½"



Fomon
21522
 16,0 cm/6¼"



Cottle-Neivert
21524
 20,0 cm/8"



Cottle
 15,0 cm/6"





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Nasenflügelhaken
Hooks for posterior nares
Crochets pour les ailes du nez
Separadores nasales

Schwingmesser
Swivel Knives
Couteaux nasales
Cuchillos para el tabique nasal



Cottle
21537
14,0 cm/5½"



Neivert
21538
20,5 cm/8"



Cottle
21539
15,0 cm/6"



Cottle
21540
15,0 cm/6"



Ballenger
20,0 cm/8"



21317-0
3 mm



21317-1
4 mm



21317-2
5 mm

gerade
straight
droit
recto



Ballenger
22,0 cm/8½"



21319-0
3 mm



21319-1
4 mm



21319-2
5 mm

bajonettförmig
bayonet-shaped
en forme de baïonnette
en forma de bayoneta



Nasenplastik-Messer
 Rhinoplastic and Nasal Knives
 Bistouris pour plastique et le nez
 Bisturías para plástica y la nariz



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Joseph
 15,0 cm/6"



1/1

Fig. 1

21292-1



Fig. 2

21292-3



Fomon
21301
 16,0 cm/6¼"



Cottle
21302
 15,0 cm/6"



Joseph
21303
 15,0 cm/6"



Cottle
21304
 15,0 cm/6"



SCHWERT
SWORD - ESPADA
EPEE - SPADA

**Ringmesser
Adenoid Currettes
Couteaux à végétations adénoïdes
Cuchillas para vegetaciones adenoides**



Vogel

21541

21,0 cm/8¼"



Beckmann

22,0 cm/8¾"

1/1



Fig. 1

21544-1

Fig. 2

21544-2

Fig. 3

21544-3

Fig. 4

21544-4

Fig. 5

21544-5



Barnhill

21,0 cm/8¼"



1/1

Fig. 1

21546-1

Fig. 2

21546-2

Fig. 3

21546-3

Fig. 4

21546-4



St. Clair-Thomson

21,0 cm/8¼"



1/1

Fig. 1

21557-1

Fig. 2

21557-2

Fig. 3

21557-3

Fig. 4

21557-4

Adenotome
Adenotomes
Adénotomes
Adenótomos



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Beckmann
25,0 cm/10"



Fig. 1



Fig. 2



Fig. 3

1/4

mit gelochter Klinge
with perforated blade
à lame perforée
con hoja perforada

Fig. 1 21570-1

Fig. 2 21570-2

Fig. 3 21570-3

mit gelochter Klinge
with perforated blade
à lame perforée
con hoja perforada

Fig. 1 21571-1

Fig. 2 21571-2

Fig. 3 21571-3



SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Mundsperrer
Mouth Gags
Ouvre-Bouches
Abre-bocas**



Heister

21644

13,0 cm/5"



Roser-König

21670

16,0 cm/6¼"



Denhart

21666

12,0 cm/4¾"



Molt

21655

11,0 cm/4½"

21656

14,0 cm/5½"



Jennings

21694-9

9,0 cm/3½"

21694-11

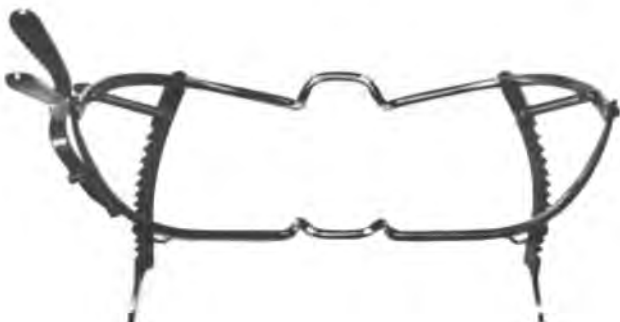
11,0 cm/4½"

21694-13

13,0 cm/5"

21694-15

15,0 cm/6"



Whitehead

21685-11

11,0 cm/4½"

21685-13

13,0 cm/5"

**Mundsperrer
Mouth Gags
Ouvre-Bouches
Abre-bocas**



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Davis-Boyle

Zungenspatel allein, Tongue Depressor only, Abaisse-langue seule, Abaja-lengua suelta



Fig. 1

21719-1
21x30 mm

Fig. 2

21720-2
23x65 mm

Fig. 3

21720-3
24x80 mm

Fig. 4

21720-4
25x93 mm

Fig. 5

21720-5
26x108 mm



Davis-Boyle

Griff allein, Handle only, Manche seul, Mango suelo

21720-GL

für Erwachsene
for adults
pour adultes
para adultos

21717-GL

für Jugendliche
for young people
pour jeunes gens
para menores

21716-GL

für Kinder
for children
pour enfants
para niños



21720-SI

Paar Silikoneinlagen allein
Pair of silicon inserts only
Paire de protection translucid seule
Par de silicon piezas solo

Davis-Boyle

21720-L

Satz, komplett mit:
Griff **21720-GL**, 2 Silikoneinlagen
5 auswechselbaren Zungenspateln **21719-1, 21720-2/3/4/5**

Set, complete with:
handle **21720-GL**, 2 silicon inserts
5 interchangeable tongue depressors **21719-1, 21720-2/3/4/5**

Jeu, complet avec:
manche **21720-GL**, une paire de protection translucid
5 abaisse-langues interchangeables **21719-1, 21720-2/3/4/5**

Juego, completo con:
mango **21720-GL**, un par de silicon piezas
5 abaja-lenguas intercambiables **21719-1, 21720-2/3/4/5**





SCHWERT
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Mundsperrer Mouth Gags Ouvre-Bouches Abre-bocas



Mc Ivor

Zungenspatel allein, Tongue Depressor only
Abaisse-langue seule, Abaja-lengua suelta

Fig. 1

21735-1

23x70 mm

Fig. 2

21735-2

25x86 mm

Fig. 3

21735-3

26x100 mm



Mc Ivor

21735-G

Griff allein, Handle only
Manche seul, Mango suelo

Mc Ivor

21735

Satz, komplett mit:

Griff **21735-G**

3 auswechselbaren Zungenspateln **21735-1/2/3**

Set, complete with:

handle **21735-G**

3 interchangeable tongue depressors **21735-1/2/3**

Jeu, complet avec:

manche **21735-G**

3 abaisse-langues interchangeables **21735-1/2/3**

Juego, completo con:

mango **21735-G**

3 abaja-lenguas intercambiables **21735-1/2/3**

**Mundsperrer
Mouth Gags
Ouvre-Bouches
Abre-bocas**



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Negus

Zungenspatel allein, Tongue Depressor only
Abaisse-langue seule, Abaja-lengua suelta



Fig. 1

21737-1

28x70 mm

Fig. 2

21737-2

30x80 mm

Fig. 3

21737-3

33x95 mm



Davis-Boyle

Griff allein, Handle only, Manche seul, Mango suelo

21720-GL

für Erwachsene
for adults
pour adultes
para adultos

21717-GL

für Jugendliche
for young people
pour jeunes gens
para menores

21716-GL

für Kinder
for children
pour enfants
para niños



21720-SI

Paar Silikoneinlagen allein
Pair of silcon inserts only
Paire de protection translucid seule
Par de silcon piezas solo



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Mundsperrer Mouth Gags Ouvre-Bouches Abre-bocas



Kilner-Doughty (Russel-Davis)

Zungenspatel allein, Tongue Depressor only
Abaisse-langue seule, Abaja-lengua suelta

Fig. 1

21741-1

28x65 mm

Fig. 2

21741-2

32x75 mm

Fig. 3

21741-3

37x80 mm

Fig. 4

21741-4

40x90 mm

Fig. 5

21741-5

45x100 mm



Kilner-Doughty (Russel-Davis)

21741-G

Griff allein, Handle only
Manche seul, Mango suelo

Kilner-Doughty (Russel-Davis)

21741

Satz, komplett mit:

Griff **21741-G**

3 auswechselbaren Zungendrückern **21741-1/2/3**

2 beweglichen auswechselbaren Zahnplatten

1 Gaumenplatte für Zahnlose

Set, complete with:

handle **21741-G**

3 interchangeable tongue depressors **21741-1/2/3**

2 adjustable and exchangeable tooth plates

1 palatal support for toothless people

Jeu, complet avec:

manche **21741-G**

3 abaisse-langues interchangeables **21741-1/2/3**

2 supports mobiles et interchangeables des dents

1 support du palais pour edentes

Juego, completo con:

mango **21741-G**

3 abaja-lenguas intercambiables **21741-1/2/3**

2 soportes de dientes móviles e intercambiables

1 soporte de paladar para desdentados

Zungenspatel
Tongue Depressors
Abaisse-langues
Abaja-lenguas



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21751
14,0 cm/5½"



Buchwald
21750-14
14,5 cm/5¾"



Buchwald
21750-18
18,0 cm/7"



Bruenings
21760
19,0 cm/7½"



massiv
solid
massif
macizo

Tobold
21795
19,0 cm/7½"



21775-1
14,0 cm/5½"



21775-2
15,0 cm/6"

Wieder



Doyen
21770-12 13,0 cm/5"
21770-16 16,0 cm/6¼"



Andrew
21777
11,0 cm/4½"



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Zungenzangen
Tongue Holding Forceps
Pincés tire-langue
Pinzas tira-lengua

Frakturschiene
Fracture Fixation Splint
Fil de fracture
Alambre de fractura



Collin

21894-17 17,0 cm/6¾"
21894-19 19,0 cm/7½"



Young

21897 16,0 cm/6¼"



21897-5

Paar Ersatzgummi
Pair of replacement rubber inserts
Paire de caoutchouc de rechange
Par de goma de recambio



21911

1 m Rolle / coil

Frakturschiene
Fracture Fixation Splint
Fil de fracture
Alambre de fractura

Tonsillenzangen
Tonsil Seizing Forceps
Pinces à préhension des amygdales
Pinzas para coger las amígdalas



SCHWERT
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Fig. 1

13691

Schnidt
 19,0 cm/7½"



Fig. 2

13692

Schnidt
 19,0 cm/7½"

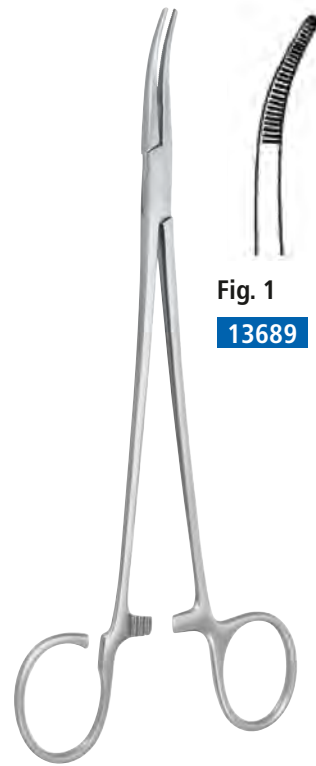


Fig. 1

13689

Schnidt
 19,0 cm/7½"



Fig. 2

13690



White

22388-18

18,0 cm/7"



Blohmke

22443

22,0 cm/8"





SCHWERT
SWORD - ESPADA
EPEE - SPADA

Tonsillenschnürer
Tonsil Snares
Serre-noeuds pour l'ablation des amygdales
Cierra-nudos para amígdalas



Bruenings

22020

28,0 cm/11"



Eves

22024

28,0 cm/11"



Eves

22025

28,0 cm/11"



20937

Ø 0,3 mm/100 mm

20937-90

Ø 0,3 mm/90 mm

Drahtschlingen, geschnitten
(Pack je 12 Stück)

Snare wires, cut
(pack of 12 pieces)

Anses coupées
(paquet a 12 pieces)

Asas preparadas
(paquete con 12 piezas)



Tyding

22031

mit 1 geraden Aufsatz
with 1 straight tip
avec 1 guide-anse droit
con 1 guía-asa recta

Tonsillennmesser, -dissektoren, -enukleatoren, -retraktoren
Tonsil Knives, Dissectors, Enucleators, Retractors
Bistouris pour amygdales, Dissecteurs, Enucleateurs, Ecarteurs
Bisturías para amígdalas, Disecadores, Enucleadores, Separadores



SCHWERT
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 EPEE · SPADA



Tonsillennmesser und -enukleatoren
 Tonsil Knives and Enucleators
 Bistouris et Enucleateurs pour amygdales
 Bisturías y Enucleadores para amígdalas

Carpenter
22128
 25,0 cm/10"

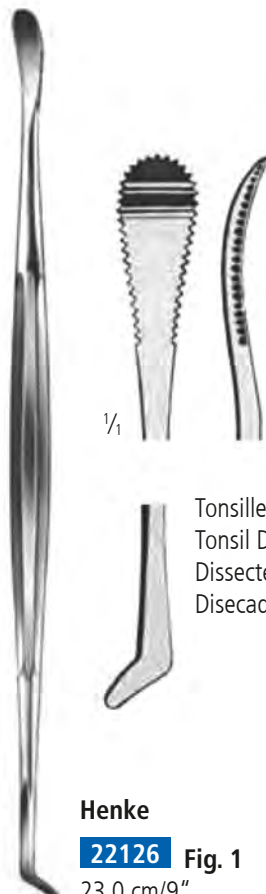


Carpenter
22129
 24,0 cm/9½"



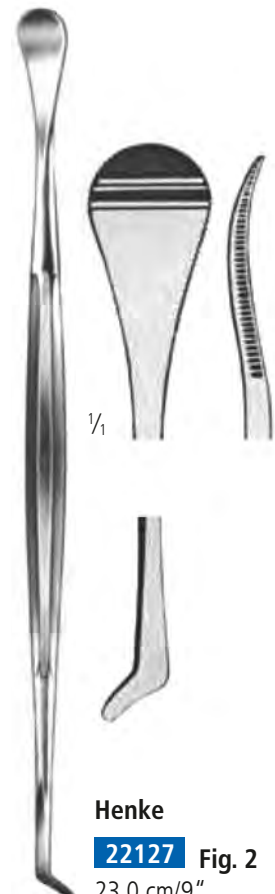
Tonsillennmesser und -retractor
 Tonsil Knives and Retractor
 Dissecteur et Retracteur pour amygdales,
 Disecador y Separador para amígdalas

Hurd
22120
 22,5 cm/9"



Tonsillendissektor und -separator
 Tonsil Dissector
 Dissecteur pour amygdales
 Disecador para amígdalas

Henke
22126 Fig. 1
 23,0 cm/9"



Henke
22127 Fig. 2
 23,0 cm/9"





**Tonsillotome
Tonsillectomes
Amygdalotomes
Amigdalótomos**

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Fig. 1



Fig. 2



Fig. 3



Sluder-Ballenger

Sluder-Ballenger

22061

mit Aufsatz **Fig. 1**
with tip **Fig. 1**
avec lame **Fig. 1**
con hoja **Fig. 1**

22062

mit Aufsatz **Fig. 1/2**
with tip **Fig. 1/2**
avec lame **Fig. 1/2**
con hoja **Fig. 1/2**

22063

mit Aufsatz **Fig. 1/2/3**
with tip **Fig. 1/2/3**
avec lame **Fig. 1/2/3**
con hoja **Fig. 1/2/3**

Ohrküretten
Ear Currettes
Curettes auriculaires
Curetas auriculares



SCHWERT
SWORD · ESPADA
EPEE · SPADA

gerade, straight, droite, recta



1/2
Buck
16,5 cm/6 1/2"



stumpf
blunt
mousse
roma



Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
20509-30	20509-20	20509-0	20509-1	20509-2	20509-3	20509-4



scharf
sharp
tranchante
aguda



Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
20508-30	20508-20	20508-0	20508-1	20508-2	20508-3	20508-4

gebogen, curved, courbe, curva



1/2
Buck
16,5 cm/6 1/2"



stumpf
blunt
mousse
roma



Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
20511-30	20511-20	20511-0	20511-1	20511-2	20511-3	20511-4



scharf
sharp
tranchante
aguda



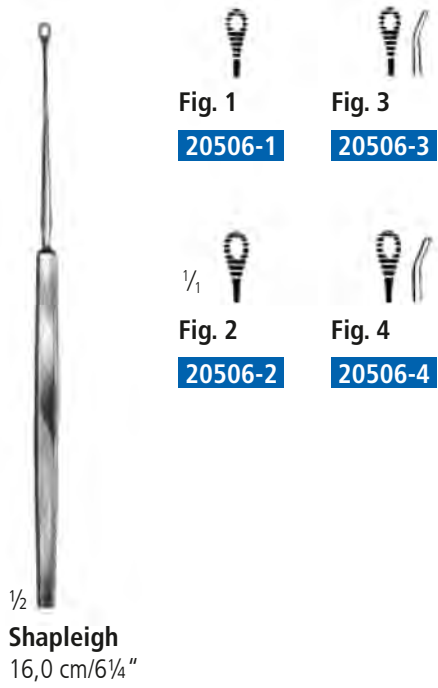
Fig. 000	Fig. 00	Fig. 0	Fig. 1	Fig. 2	Fig. 3	Fig. 4
20510-30	20510-20	20510-0	20510-1	20510-2	20510-3	20510-4



SCHWERT
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Ohrküretten
Ear Curettes
Curettes auriculaires
Curetas auriculares

Oherschlingen
Ear Loops
Anses auriculaires
Asas auriculares



Oherschlingen
Ear Loops
Anses auriculaires
Asas auriculares

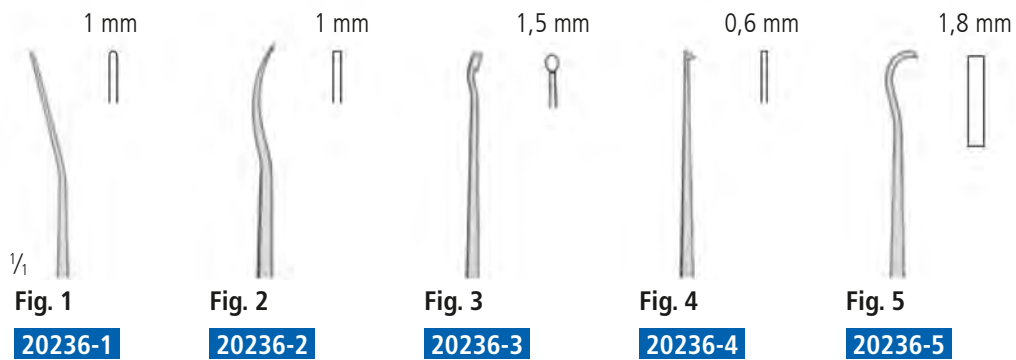
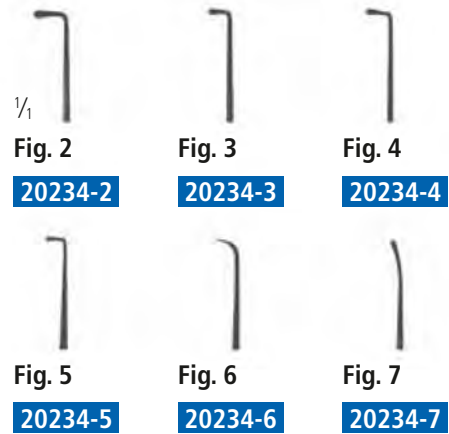
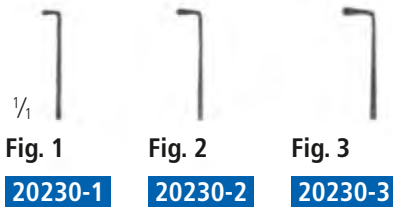


Ohrhäkchen
Ear Hooks
Crochets auriculaires
Ganchos auriculares

Diverse Ohrinstrumente
Miscellaneous Ear Instruments
Instruments divers pour les oreilles
Instrumentos diversos para orejas



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Elevatorium
 Elevator
 Elévateur
 Elevador

Raspatorium
 Periosteal Raspatory
 Rugine-raspatoire
 Legra-Periostótomo

Kürette
 Curette
 Curette
 Cutetta

Häkchen
 Hooklet
 Crochet
 Gancho

Raspatorium
 Periosteal Raspatory
 Rugine-raspatoire
 Legra-Periostótomo



SCHWERT
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**Parazentesenadeln
Paracentesis Needles
Aiguilles à paracentèse
Agujas para paracentesis**

**Trommelfellmesser
Tympanum Knives
Couteaux à tympan
Cuchillos para tímpano**

Parazentesenadeln, Paracentesis Needles, Aiguilles à paracentèse, Agujas para paracentesis



Lucae (Royce)

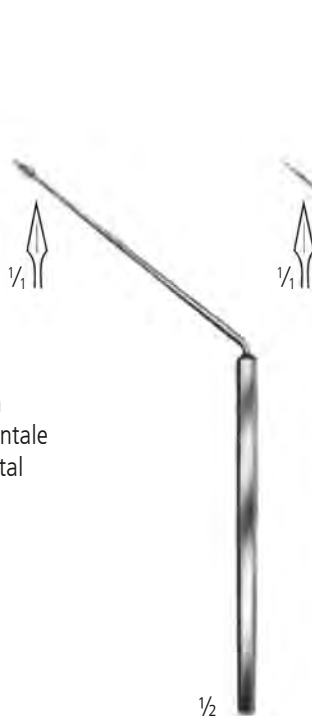
20290 Fig. 1
18,0 cm/7"



Lucae (Royce)

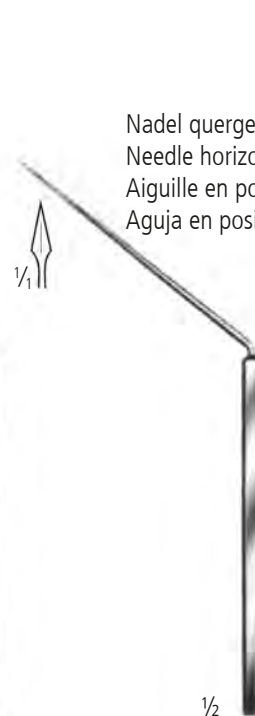
20290-5 Fig. 2
18,0 cm/7"

Nadel quergestellt
Needle horizontal position
Aiguille en position horizontale
Aguja en posición horizontal



Poltizer

20286 Fig. 1
16,5 cm/6 1/2"



Poltizer

20286-5 Fig. 2
16,5 cm/6 1/2"

Nadel quergestellt
Needle horizontal position
Aiguille en position horizontale
Aguja en posición horizontal

Trommelfellmesser, Tympanum Knives, Couteaux à tympan, Cuchillos para tímpano



Sexton

20296-1 Fig. 1
18,0 cm/7"



Sexton

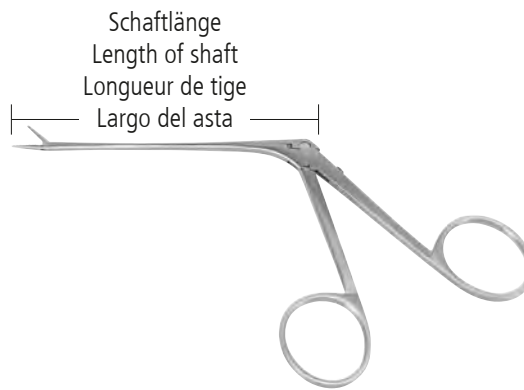
20296-2 Fig. 2
17,0 cm/6 3/4"



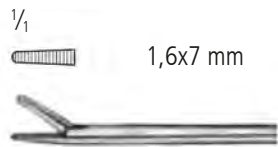
Sexton

20296-3 Fig. 3
17,0 cm/6 3/4"

Ohrzängchen
Ear Polypus Forceps
Pinces pour polypes auriculaires
Pinzas para pólipos

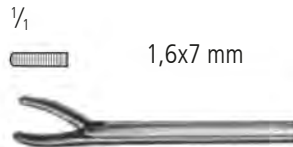


SCHWERT
 SWORD · ESPADA
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Hartmann

- 20380-2** 8,0 cm/3½"
 - 20380-3** 21,0 cm/8¼"
 - 20380-4** 16,0 cm/6¼"
- Schaftlänge
 Length of shaft
 Longueur de tige
 Largo del asta



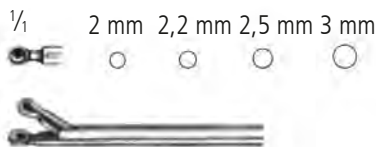
Hartmann-Weingärtner

- 20380-6** 8,0 cm/3½"
- Schaftlänge
 Length of shaft
 Longueur de tige
 Largo del asta



Hartmann

- 20380-7** 8,0 cm/3½"
- Schaftlänge
 Length of shaft
 Longueur de tige
 Largo del asta



Hartmann-Noyes

- 20380-20** 2 mm 8,0 cm/3½"
 - 20380-22** 2,2 mm Schaftlänge
 - 20380-25** 2,5 mm Length of shaft
 - 20380-30** 3 mm Longueur de tige
- Largo del asta

Löffelmaul
 Spoon-shaped jaw
 Mors en forme d'un cuiller
 Boca en forma de cucharilla



Struempel

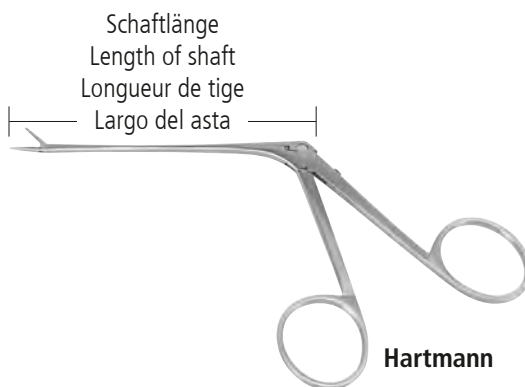
- 20380-35** 8,0 cm/3½"
- Schaftlänge
 Length of shaft
 Longueur de tige
 Largo del asta





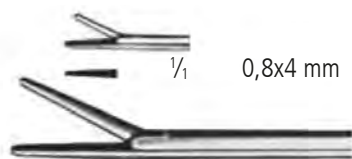
SCHWERT
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Ohrzängchen
Ear Polypus Forceps
Pinces pour polypes auriculaires
Pinzas para pólipos

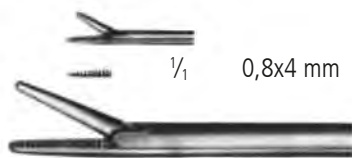


mittelfein

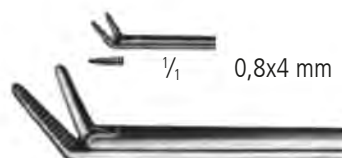
1,2x1,8 mm Schaft · Shaft · Tige · Asta



20381-1 7,5 cm/3"
glatt Schaftlänge
smooth Length of shaft
lisse Longueur de tige
lisa Largo del asta

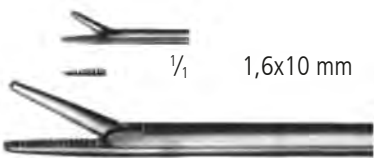


20381-2 7,5 cm/3"
gerieft Schaftlänge
serrated Length of shaft
striée Longueur de tige
estriada Largo del asta

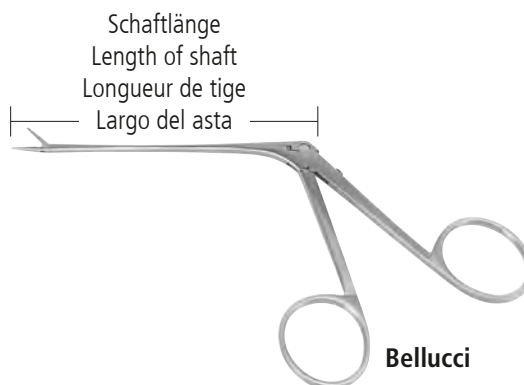


20381-3 7,5 cm/3"
gerieft Schaftlänge
serrated Length of shaft
striée Longueur de tige
estriada Largo del asta

1,8x2,5 mm Schaft · Shaft · Tige · Asta



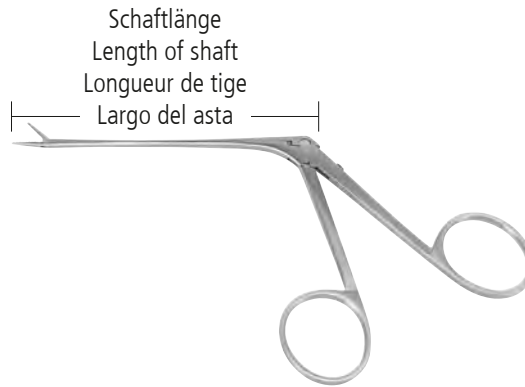
20381-4 8,0 cm/3 1/2"
gerieft Schaftlänge
serrated Length of shaft
striée Longueur de tige
estriada Largo del asta



Mikro-Ohrzängchen
Micro Ear Polypus Forceps
Micro-Pinces pour polypes auriculaires
Micro-Pinzas para pólipos

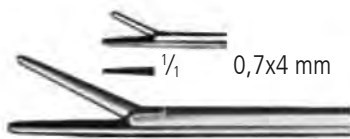


SCHWERT
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sehr fein

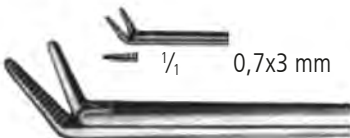
0,8x1,8 mm Schaft · Shaft · Tige · Asta



20382-1 8,0 cm/3½"
 glatt Schaftlänge
 smooth Length of shaft
 lisse Longueur de tige
 lisa Largo del asta



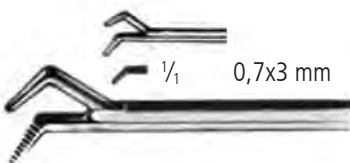
20382-2 8,0 cm/3½"
 gerieft Schaftlänge
 serrated Length of shaft
 striée Longueur de tige
 estriada Largo del asta



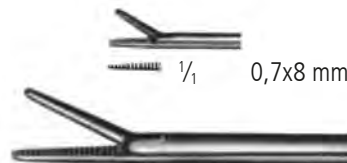
20382-3 8,0 cm/3½" nach oben abgewinkelt
 gerieft Schaftlänge angular upwards
 serrated Length of shaft coudeé vers le haut
 striée Longueur de tige angulada hacia arriba
 estriada Largo del asta



20382-4 8,0 cm/3½" nach rechts abgewinkelt
 gerieft Schaftlänge angular to the right
 serrated Length of shaft coudeé vers la droite
 striée Longueur de tige angulada a la derecha
 estriada Largo del asta



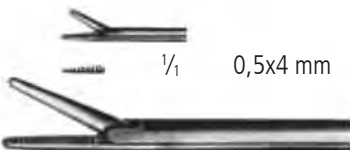
20382-5 8,0 cm/3½" nach links abgewinkelt
 gerieft Schaftlänge angular to the left
 serrated Length of shaft coudeé vers la gauche
 striée Longueur de tige angulada a la izquierda
 estriada Largo del asta



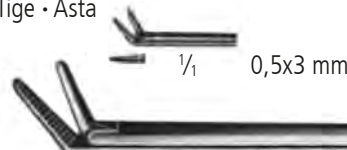
20382-6 8,0 cm/3½"
 gerieft Schaftlänge
 serrated Length of shaft
 striée Longueur de tige
 estriada Largo del asta

superfein

0,6x1,5 mm Schaft · Shaft · Tige · Asta



20382-7 8,0 cm/3½"
 gerieft Schaftlänge
 serrated Length of shaft
 striée Longueur de tige
 estriada Largo del asta

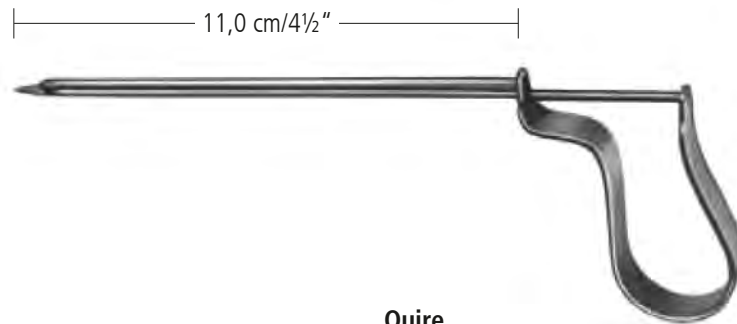


20382-8 8,0 cm/3½" nach oben abgewinkelt
 gerieft Schaftlänge angular upwards
 serrated Length of shaft coudeé vers le haut
 striée Longueur de tige angulada hacia arriba
 estriada Largo del asta



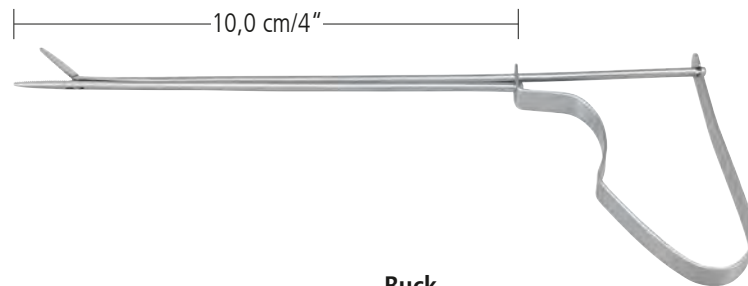
SCHWERT
SWORD · ESPADA
EPEE · SPADA

Fremdkörperheber
Foreign Body Levers
Leviers pour corps étrangers
Elevadores para cuerpos extraños



Quire

20375



Buck

20377



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Narkose Anaesthesia Anesthésie Anestesia





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Laryngoskope Laryngoscopes Laryngoscopes Laringoscopios



McIntosh

23211

Laryngoskopie-Besteck, bestehend aus:
Laryngoscope set, consisting of:
Trousse à laryngoscopie, composée de :
Juego para laryngoscopia, compuesto de:

Etui, case, boîte, estuche (**23211-13**)
Griff, handle, manche, mango (**23230**)
Spatel, blades, spatules, hojas

Fig. 1 **23211-1**

Fig. 2 **23211-2**

Fig. 3 **23211-3**



McIntosh

23212

Laryngoskopie-Besteck, bestehend aus:
Laryngoscope set, consisting of:
Trousse à laryngoscopie, composée de :
Juego para laryngoscopia, compuesto de:

Etui, case, boîte, estuche (**23211-13**)
Griff, handle, manche, mango (**23230**)
Spatel, blades, spatules, hojas

Fig. 1 **23211-1**

Fig. 2 **23211-2**

Fig. 3 **23211-3**

Fig. 4 **23211-4**

23211-13

Etui allein, passend für McIntosh Spatel und Griff
Case only, for McIntosh blades and handle
Boîte seule, pour McIntosh spatules et manche
Estuche solo, para McIntosh hojas y mango

Fig. 1 **23211-1**

Fig. 2 **23211-2**

Fig. 3 **23211-3**

Laryngoskope
Laryngoscopes
Laryngoscopes
Laringoscopios



SCHWERT
SWORD · ESPADA
EPEE · SPADA



McIntosh

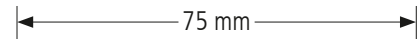


Fig. 0

23211-0

23230

Griff
Handle
Manche
Mango

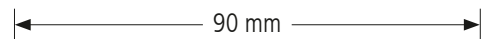


Fig. 1

23211-1



23211-L1

Ersatzbirne klein, 2,5 V
Spare bulb small, 2,5 V
Lampe de rechange petite, 2,5 V
Bombilla de repuesto pequena, 2,5 V



Fig. 2

23211-2



23211-L2

Ersatzbirne groß, 2,5 V
Spare bulb large, 2,5 V
Lampe de rechange grande, 2,5 V
Bombilla de repuesto grande, 2,5 V

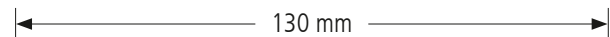


Fig. 3

23211-3

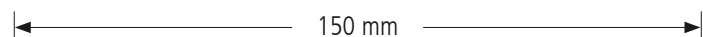


Fig. 4

23211-4



SCHWERT
SWORD · ESPADA
EPEE · SPADA

**Laryngoskope
Laryngoscopes
Laryngoscopes
Laringoscopios**



23230

Griff
Handle
Manche
Mango

Miller

23225

Laryngoskopie-Besteck, bestehend aus:
Laryngoscope set, consisting of:
Trousse à laryngoscopie, composée de :
Juego para laryngoscopia, compuesto de:

Etui, case, boîte, estuche (23225-15)
Griff, handle, manche, mango (23230)
Spatel, blades, spatules, hojas

Fig. 0 23225-0

Fig. 1 23225-1

Fig. 2 23225-2

Fig. 3 23225-3

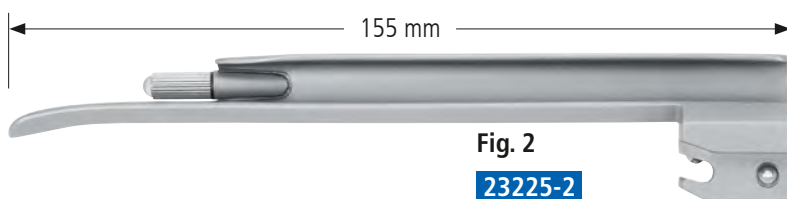
Fig. 4 23225-4

Miller



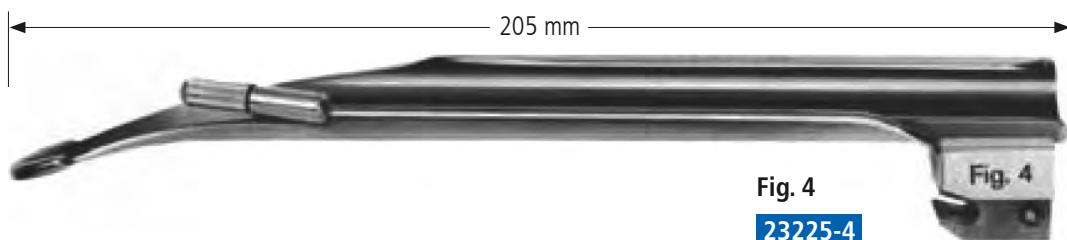
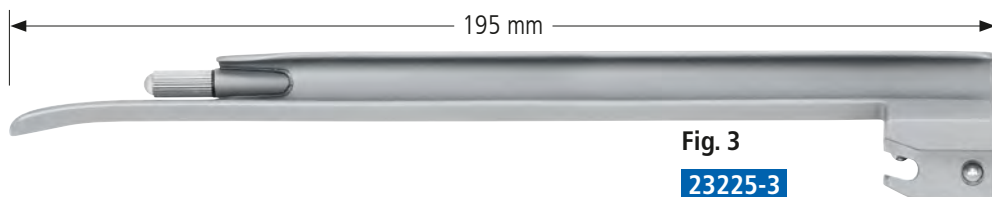
23211-L1

Ersatzbirne klein, 2,5 V
Spare bulb small, 2,5 V
Lampe de rechange petite, 2,5 V
Bombilla de repuesto pequeña, 2,5 V



23211-L2

Ersatzbirne groß, 2,5 V
Spare bulb large, 2,5 V
Lampe de rechange grande, 2,5 V
Bombilla de repuesto grande, 2,5 V



Laryngoskope
Laryngoscopes
Laryngoscopes
Laringoscopios

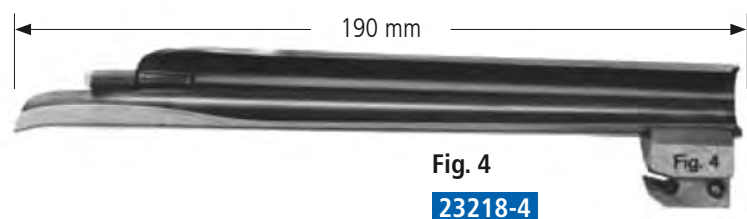
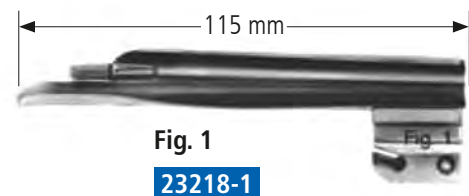


SCHWERT
SWORD · ESPADA
EPEE · SPADA



Etuis auf Anfrage erhältlich
Cases available on request
Bôîtes sont disponibles a demande
Estuches estan disponibles a pregunta

Foregger



23211-L1

Ersatzbirne klein, 2,5 V
Spare bulb small, 2,5 V
Lampe de rechange petite, 2,5 V
Bombilla de repuesto pequena, 2,5 V



23211-L2

Ersatzbirne groß, 2,5 V
Spare bulb large, 2,5 V
Lampe de rechange grande, 2,5 V
Bombilla de repuesto grande, 2,5 V



Laryngoskop-Griffe
Laryngoscope handles
Manches pour laryngoscopes
Mangos para laringoscopios

SCHWERT
SWORD · ESPADA
EPEE · SPADA



23230
Ø 30 mm



23229
Ø 18 mm

Laryngoskope, Kaltlicht
Laryngoscopes, cold light
Laryngoscopes, lumière froide
Laringoscopios, luz fría



SCHWERT
SWORD · ESPADA
EPEE · SPADA

McIntosh

23251-13

Laryngoskopie-Besteck, bestehend aus:
Laryngoscope set, consisting of:
Trousse à laryngoscopie, composée de :
Juego para laryngoscopia, compuesto de:

Etui, case, boîte, estuche (**23211-13**)
Griff, handle, manche, mango (**23270**)
Spatel, blades, spatules, hojas

Fig. 1 **23251-1**

Fig. 2 **23251-2**

Fig. 3 **23251-3**

23211-13

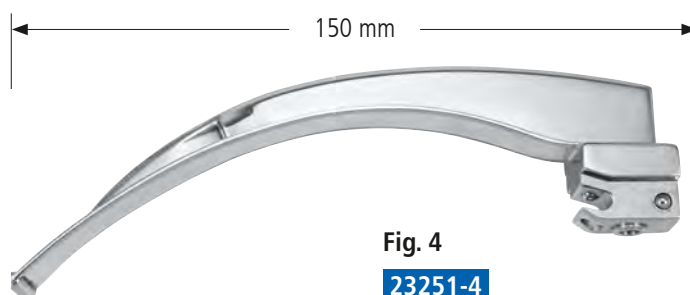
Etui allein, passend für McIntosh Spatel und Griff
Case only, for McIntosh blades and handle
Boîte seule, pour McIntosh spatules et manche
Estuche solo, para McIntosh hojas y mango

Fig. 1 **23251-1**

Fig. 2 **23251-2**

Fig. 3 **23251-3**

McIntosh





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Laryngoskope, Kaltlicht
Laryngoscopes, cold light
Laryngoscopes, lumière froide
Laringoscopios, luz fría



Miller

23265-15

Laryngoskopie-Besteck, bestehend aus:
Laryngoscope set, consisting of:
Trousse à laryngoscopie, composée de :
Juego para laryngoscopia, compuesto de:

Etui, case, boîte, estuche (**23225-15**)
Griff, handle, manche, mango (**23270**)
Spatel, blades, spatules, hojas

Fig. 0 **23265-0**

Fig. 1 **23265-1**

Fig. 2 **23265-2**

Fig. 3 **23265-3**

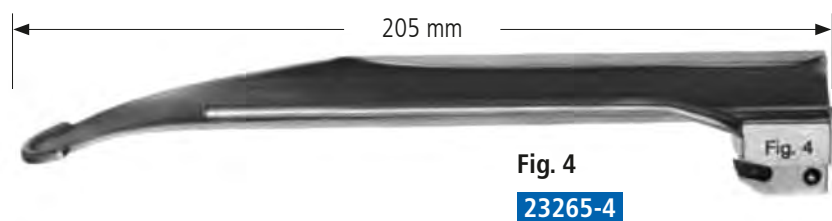
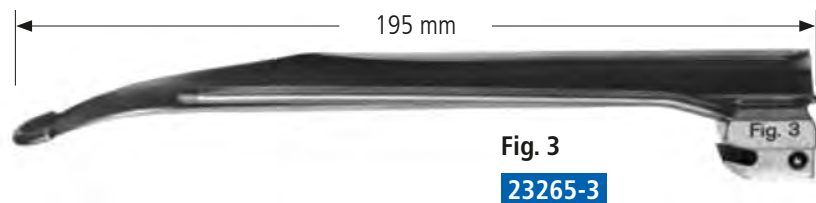
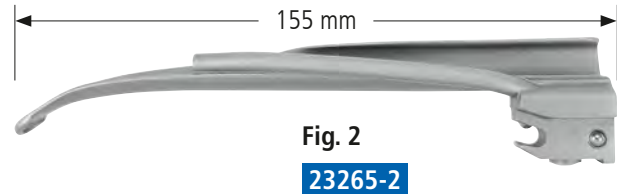
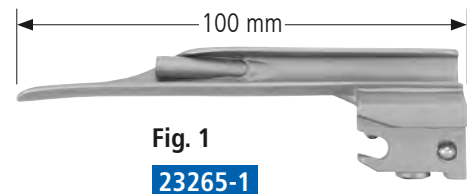
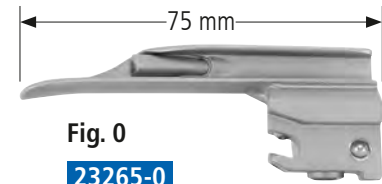
Fig. 4 **23265-4**

Laryngoskope, Kaltlicht
Laryngoscopes, cold light
Laryngoscopes, lumière froide
Laringoscopios, luz fría



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Miller





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Laryngoskope, Kaltlicht
Laryngoscopes, cold light
Laryngoscopes, lumière froide
Laringoscopios, luz fría



Etuis auf Anfrage erhältlich
Cases available on request
Bôîtes sont disponibles a demande
Estuches estan disponibles a pregunta

Foregger

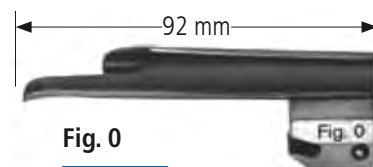


Fig. 0

23258-0



Fig. 1

23258-1



Fig. 2

23258-2



Fig. 3

23258-3

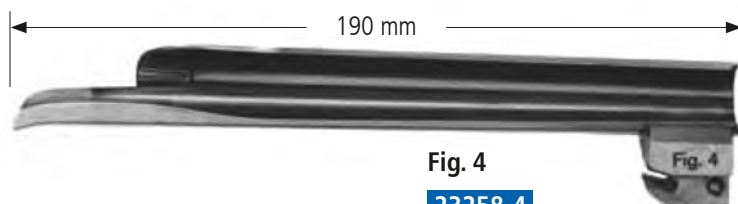


Fig. 4

23258-4

Laryngoskop-Griffe, Kaltlicht
Laryngoscope handles, cold light
Manches pour laryngoscopes, lumière froide
Mangos para laringoscopios, luz fría



SCHWERT
SWORD · ESPADA
EPEE · SPADA



23270
Ø 30 mm



23269
Ø 18 mm



23275-1

680 mA
Ersatzbirne Xenon für Glasfaseroptik-Griffe
Spare bulb xenon for fiber optic handles
Lampe de rechange xenon pour manches de fibre optique
Bombilla de repuesto xénon para mangos de fibra óptica



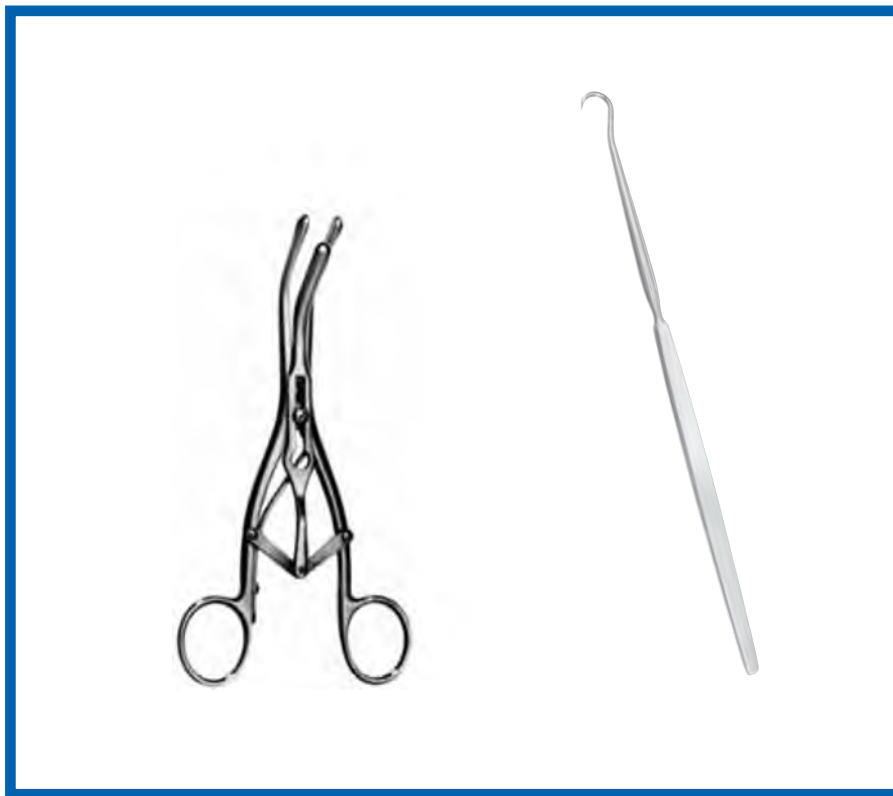
23275-3

500 mA
Ersatzbirne LED für Glasfaseroptik-Griffe
Spare bulb LED for fiber optic handles
Lampe de rechange LED pour manches de fibre optique
Bombilla de repuesto LED para mangos de fibra óptica



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Tracheotomie Tracheotomy Trachéotomie Traqueotomía



Tracheal-Dilatatoren
Trachea Dilators
Dilatateurs pour la trachéotomie
Dilatadores para la tráquea

Tracheal-Häkchen
Trachea Retractors
Crochets pour la trachéotomie
Ganchos para la tráquea



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Trousseau

23587

14,0 cm/5½"

Tracheal-Dilatatoren
 Trachea Dilators
 Dilatateurs pour la trachéotomie
 Dilatadores para la tráquea



Laborde

23588

14,0 cm/5½"

Tracheal-Häkchen, Trachea Retractors, Crochets pour la trachéotomie, Ganchos para la tráquea



1/1
 links
 left
 gauche
 izquierda

Bose

23606-L

16,0 cm/6¼"



1/1
 rechts
 right
 droit
 derecha

Bose

23606-R

16,0 cm/6¼"

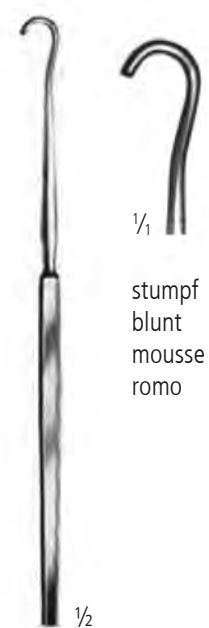


1/1
 spitz
 sharp
 pointue
 aguda

Iterson

23610

16,0 cm/6¼"



1/1
 stumpf
 blunt
 mousse
 romo

Iterson

23611

16,0 cm/6¼"





SCHWERT
SWORD - ESPADA
EPEE - SPADA

Tracheal-Häkchen
Trachea Retractors
Crochets pour la trachéotomie
Ganchos para la tráquea

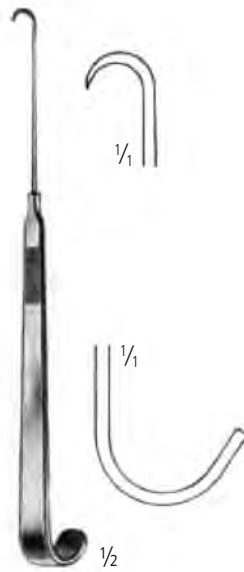
Schilddrüsenhaken
Thyroid Gland Retractor
Ecarteur pour la thyroïde
Separador para la glándula tiroidea



Jackson

23614

15,0 cm/6"



News

23615

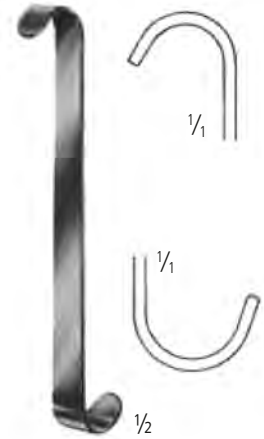
15,0 cm/6"



Rose

23593

13,5 cm/5"



Luer

23590

11,0 cm/4½"



Lukens

23594

17,0 cm/6¾"



Jackson

23595

17,0 cm/6¾"



Schoenborn

23596

21,0 cm/8¼"

Schilddrüsenhaken
Thyroid Gland Retractor
Ecarteur pour la thyroïde
Separador para la glándula tiroidea

Kropffasszange
Goitre Grasping Forceps
Pincès à goitre
Pinzas coger-bocio



SCHWERT
SWORD · ESPADA
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Kropffasszange
Goitre Grasping Forceps
Pincès à goitre
Pinzas coger-bocio

Lahey

23751

15,0 cm/6"

23751-20

20,0 cm/8"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Dermatologie

Dermatology

Dermatologie

Dermatologia



Hautstanzen
Dermal Punches
Trépanes cutanés
Trepanes cutáneos

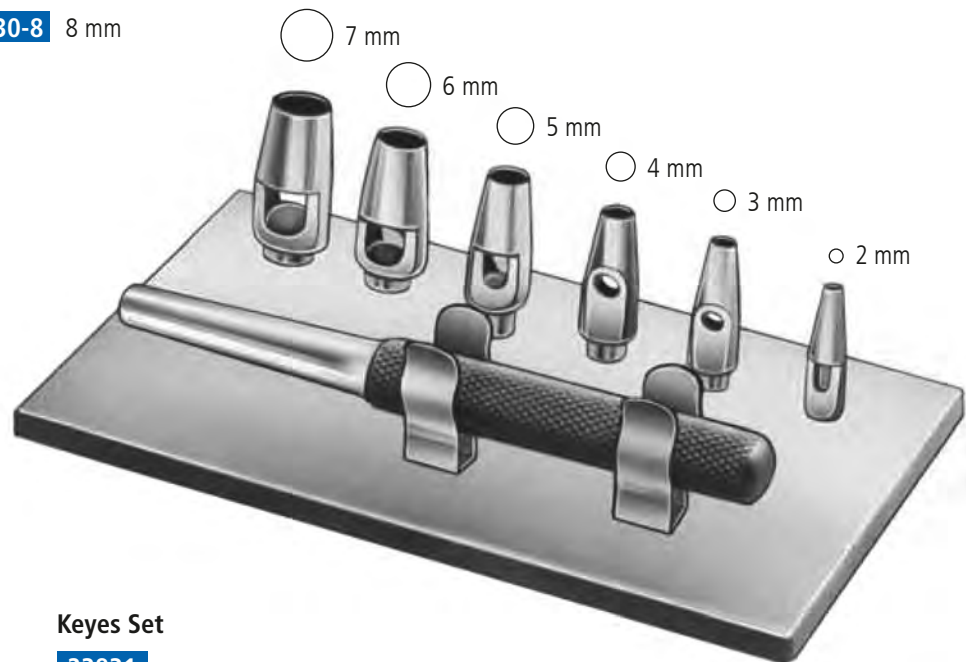


SCHWERT
SWORD · ESPADA
EPEE · SPADA



Keyes

- **23830-2** 2 mm
- **23830-3** 3 mm
- **23830-4** 4 mm
- **23830-5** 5 mm
- **23830-6** 6 mm
- **23830-7** 7 mm
- **23830-8** 8 mm



Keyes Set

23831

Hautstanze komplett, mit 6 auswechselbaren Stanzköpfen
Dermal Punch complete, with 6 interchangeable tips
Trépanes cutanés complets, avec 6 embouts interchangeables
Trepanos cutaneos completos, con 6 puntas intercambiables



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Dermatome
Dermatomes
Dermatomes
Dermátomos



1/2

Schink

23840 30,0 cm/12"

Dermatom, einstellbar von 0,1 bis 2,0 mm, komplett, mit 1 auswechselbarer Klinge und 2 Spannplatten

Dermatome, adjustable from 0,1 to 2,0 mm, complete, with 1 interchangeable blade and 2 skin straightening blades

Dermatome, réglable en épaisseur de 0,1 à 2,0 mm, complet, avec 1 lame interchangeable et 2 plaques pour tendre la peau

Dermatome, graduable de 0,1 hasta 2,0 mms, completo, con 1 hoja intercambiable y 2 placas para extender la piel



1/2

23841

Ersatzklinge, allein
Spare blade only
Lame de rechange, seule
Hoja de repuesto, suela



1/2

23842

Spannplatte, allein
Skin straightening plate only
Plaque pour tendre la peau, seule
Placa para extender la piel, suelo



1/2

Silver

23846 19,0 cm/7 1/2"

Dermatom
Dermatome
Dermatome
Dermátome

Häkchen, Lupuslöffel
 Hooklets, Lupus Curettes
 Crochets, Curettes pour les lupus
 Ganchos, Curetas para lupus



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



18444-1

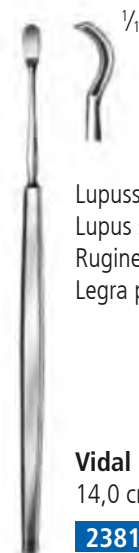


18444-2

Gillies
 18,0 cm/7"



Kilner
 15,0 cm/6"
 18442



Lupusschaber
 Lupus scraper
 Rugine pour le lupus
 Legra para lupus

Vidal
 14,0 cm/5 1/2"
 23813

Lupusküretten
 Lupus curettes
 Curettes pour le lupus
 Curetas para lupus

Lupuslöffel
 Lupus Curettes
 Curettes pour les lupus
 Curetas para lupus

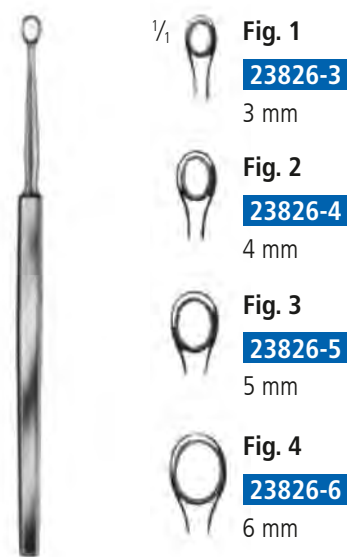


Fig. 1

23826-3

3 mm



Fig. 2

23826-4

4 mm



Fig. 3

23826-5

5 mm



Fig. 4

23826-6

6 mm

Fox
 14,0 cm/5 1/2"

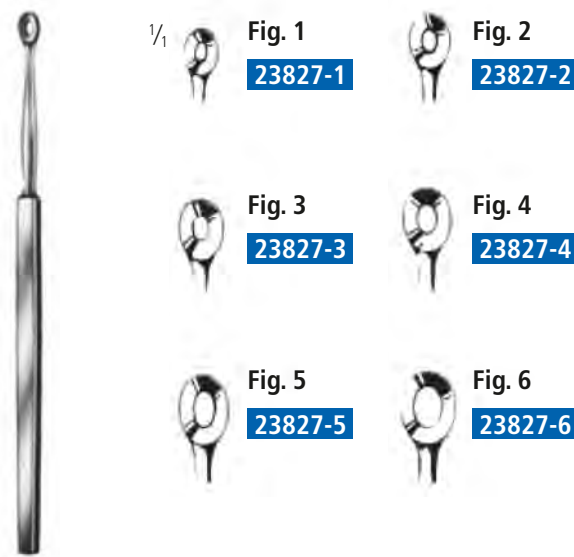


Fig. 1

23827-1



Fig. 2

23827-2



Fig. 3

23827-3



Fig. 4

23827-4



Fig. 5

23827-5



Fig. 6

23827-6

Wolff
 14,0 cm/5 1/2"



SCHWERT
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EPEE · SPADA

Komedoneninstrumente
Comedo Extractors
Tire-comédons
Saca-comédones



Unna
14,5 cm/5½"

23821

oval, oval
ovale, oval



Unna
14,5 cm/5½"

23822

rund, round
ronde, redondo



Saalfeld
11,0 cm/4"

23820-10



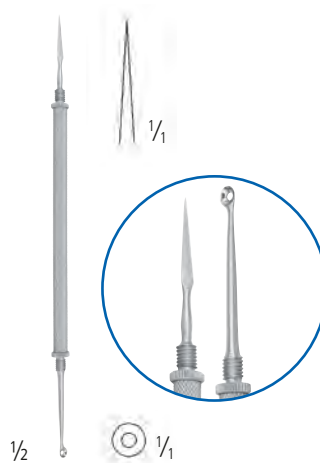
Saalfeld
14,5 cm/6"

23820



Schamberg
9,5 cm/4"

23824



Unna-Vidal
11,5 cm/4½"

23818



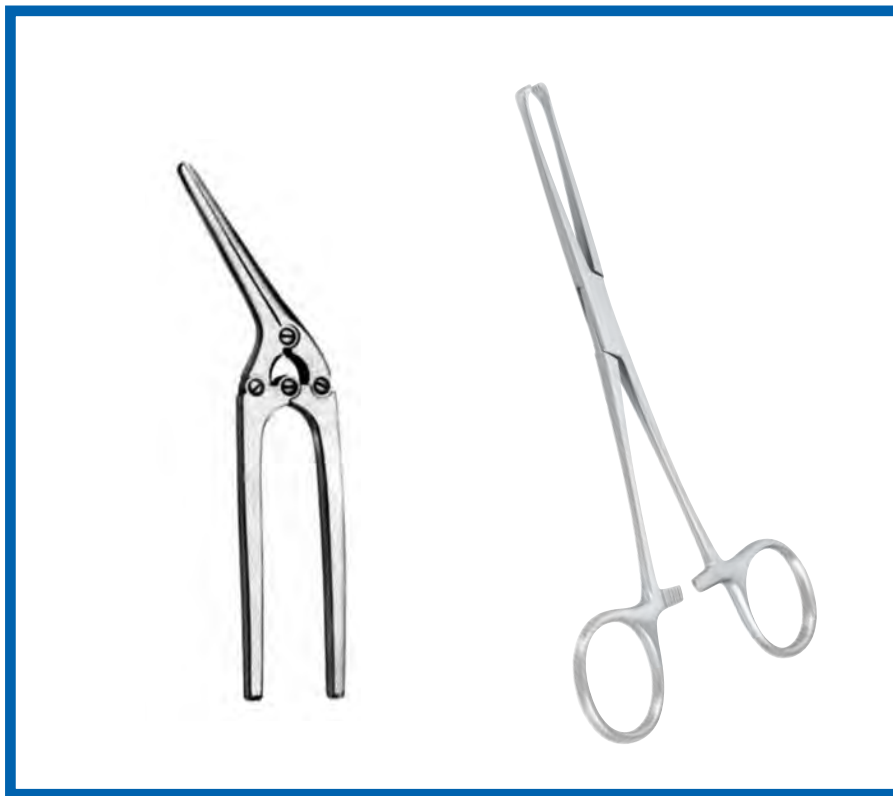
SCHWERT
SWORD · ESPADA
EPEE · SPADA

Magen und Darm

Stomach, Intestine

Estomac, Intestin

Estómago, Intestina





SCHWERT
SWORD · ESPADA
EPEE · SPADA

Darm- und Gewebefasszangen
Intestinal and Tissue Grasping Forceps
Pinces pour saisir l'intestin et le tissu
Pinzas para coger intestinos y tejidos



Allis

4:5

13736-15

15,0 cm/6"

5:6

13738-15 15,0 cm/6"

13738-19 19,0 cm/7½"

13738-23 22,0 cm/8¾"

13738-25 25,0 cm/10"

3:4

13744-15

15,0 cm/6"



Allis-Baby

13735-13 13,0 cm/5"

13735-14 14,0 cm/5½"



Allis-Adair

13741-16

15,5 cm/6"



Judd-Allis

13743-15 15,0 cm/6"

13743-19 19,0 cm/7½"



Boys-Allis

13745-15

15,0 cm/6"



Thoms-Allis

13746-20

20,0 cm/8"

Darm- und Gewebefasszangen
 Intestinal and Tissue Grasping Forceps
 Pincès pour saisir l'intestin et le tissu
 Pinzas para coger intestinos y tejidos



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA



Lockwood-Allis

- 13747-16** 16,0 cm/6¼"
- 13747-20** 20,0 cm/8"



atraumatisch
 atraumatic
 atraumatique
 atraumatica

Allis

- 13739-15** 15,5 cm/6¼"
- 13739-20** 20,0 cm/8"
- 13739-22** 22,0 cm/9"
- 13739-25** 25,0 cm/10"



Babcock

- 16844-16** 16,0 cm/6¼"
- 16844-18** 18,0 cm/7"
- 16844-20** 20,0 cm/8"
- 16844-23** 24,0 cm/9½"



atraumatisch
 atraumatic
 atraumatique
 atraumatica



- 16846-16**
16,0 cm/6¼"

Babcock



- 16846-21**
21,0 cm/8¼"

Darmfasszange
 Intestinal Forceps
 Pincès pour saisir l'intestin
 Pinzas para coger intestinos



Darmfasszange
 Intestinal Forceps
 Pincès pour saisir l'intestin
 Pinzas para coger intestinos

Williams

- 16848-20**
20,0 cm/8"



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Darmklemmen
Intestinal Clamp Forceps
Pinces-clamps intestinales
Pinzas-clamps intestinales

Pylorusspreizer
Pylorus spreader
Ecarteur du pylore
Separador para piloro



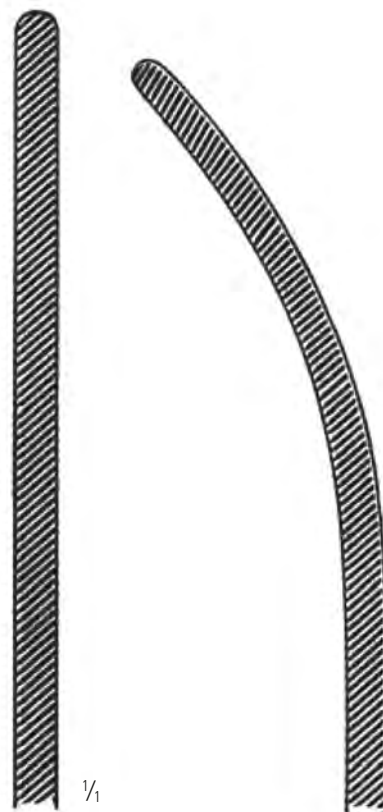
Pylorusspreizer
Pylorus spreader
Ecarteur du pylore
Separador para piloro

Benson

24510 15,5 cm/6"



Doyen



24568-17 17,0 cm/6¾"

24568-21 21,0 cm/8¼"

24568-23 23,0 cm/9"

24569-17

24569-21

24569-23



Mayo-Robson



24600-21 21,0 cm/8¼"

24600-23 23,0 cm/9"

24600-25 25,0 cm/10"

24601-21

24601-23

24601-25

24601-21

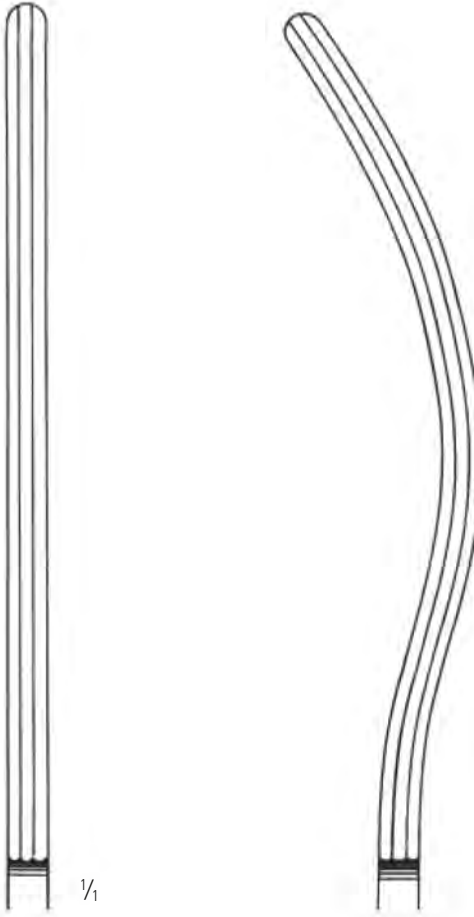
24601-23

24601-25

Darmklemmen
Intestinal Clamp Forceps
Pinces-clamps intestinales
Pinzas-clamps intestinales



Kocher



24584-22	22,0 cm/8¼"	24585-22
24584-25	25,0 cm/10"	24585-25
24584-28	28,0 cm/11"	24585-28

Darmklemmen
 Intestinal Clamp Forceps
 Pinces-clamps intestinales
 Pinzas-clamps intestinales

Anastomosenklemmen
Anastomosis Clamp Forceps
Pinces-clamps pour l'anastomose
Pinzas-clamps para anastomosis



De Martel-Wolfson

	Maullänge		
	Length of jaw		
	Longueur du mors		
	Longitud de boca		
	cm	inch	
Satz zu 3 Klemmen	5	2	24717-5
Set of 3 clamps	7	2¾	24717-7
Jeu de 3 clamps	10	4	24717-10
Juego de 3 clamps			



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Klemmenhalter
Clamp holders
Porte-clamps
Porta-clamps

Klemmschließzangen
Clamp Closing Forceps
Pincès pour fermer les clamps
Pinzas para cerrar clamps



Klemmenhalter
Clamp holders
Porte-clamps
Porta-clamps



Klemmschließzangen
Clamp Closing Forceps
Pincès pour fermer les clamps
Pinzas para cerrar clamps

De Martel-Wolfson
24718-8
8,5 cm/3 1/2"

De Martel-Wolfson
24718-23
23,0 cm/9"

De Martel-Wolfson
24719
26,0 cm/10 1/4"



Darm- und Magenquetschklemme
Intestinal and Stomach Clamp
Pincès-clamps pour l'intestin et l'estomac
Pinzas-clamps intestinales y estomacales

- | | |
|--|--|
| ohne Stift
without pin
sans cheville
sin espiga | mit Stift
with pin
avec cheville
con espiga |
| 24725 15,0 cm/6" | 24725-1 |
| 24727 21,0 cm/8 1/4" | 24727-1 |
| 24731 29,0 cm/11 1/2" | 24731-1 |
| 24735 35,0 cm/13 3/4" | 24735-1 |

Payr

Darmklemmen
 Intestinal Clamp Forceps
 Pincés-clamps intestinales
 Pinzas-clamps intestinales



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Doyen

- 24564-13** 13,0 cm/5¼"
- 24564-16** 16,0 cm/6¼"
- 24564-18** 18,0 cm/7"
- 24564-21** 21,0 cm/8½"
- 24564-23** 23,0 cm/9"

atraumatisch
 atraumatic
 atraumatique
 atraumática



Doyen

- 24565-13** 13,0 cm/5¼"
- 24565-16** 16,0 cm/6¼"
- 24565-18** 18,0 cm/7"
- 24565-21** 21,0 cm/8½"
- 24565-23** 23,0 cm/9"

atraumatisch
 atraumatic
 atraumatique
 atraumática



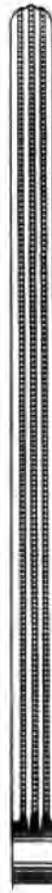
Darmklemmen
Intestinal Clamp Forceps
Pincas-clamps intestinales
Pinzas-clamps intestinales

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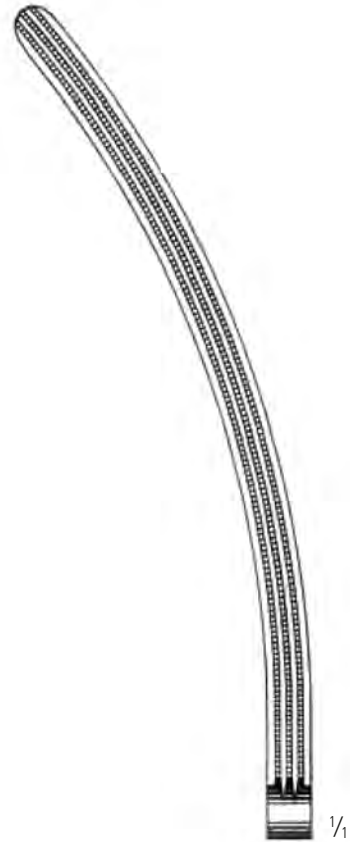


Mayo-Robson

atraumatisch
atraumatic
atraumatique
atraumática



24602
25,0 cm/10"



24603
25,0 cm/10"

Darmklemmen
 Intestinal Clamp Forceps
 Pincers-clamps intestinales
 Pinzas-clamps intestinales

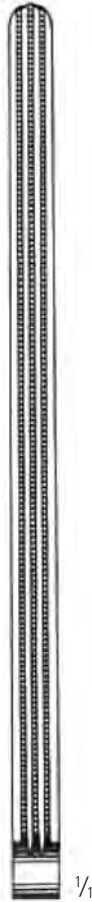


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Kocher

atraumatisch
 atraumatic
 atraumatique
 atraumática



1/1

- 24586-22** 22,0 cm/8¾"
- 24586-25** 25,0 cm/10"
- 24586-28** 28,0 cm/11"



1/1

- 24587-22** 22,0 cm/8¾"
- 24587-25** 25,0 cm/10"
- 24587-28** 28,0 cm/11"



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Galle, Niere, Urologie
Bile, Kidney, Urology
Bile, Rein, Urologie
Vesícula biliar, Riñon, Urología



Nierensteinzangen
Kidney Stone Forceps
Pinces pour les calculs du bassin
Pinzas para cálculos renales



SCHWERT
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Fig. 1

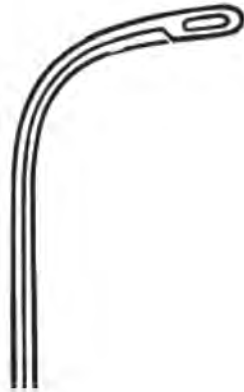


Fig. 2

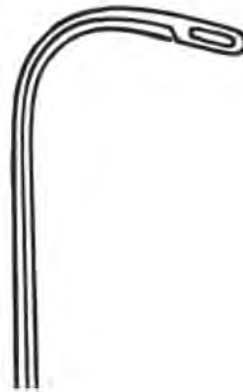


Fig. 3



Fig. 4

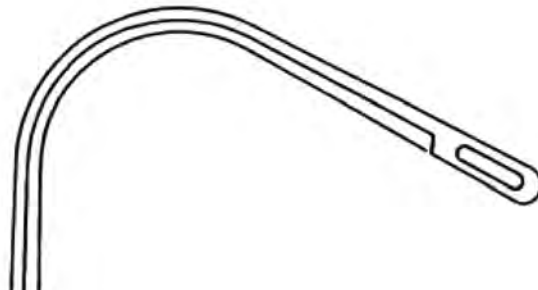


Fig. 5

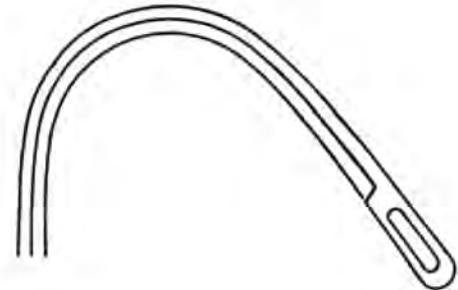


Fig. 6



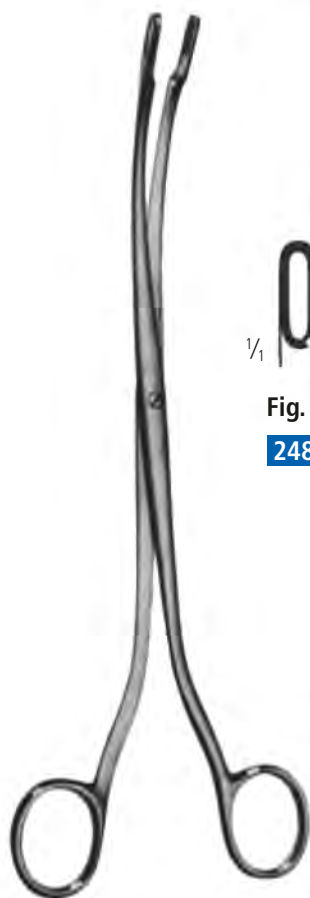
Randall

- | | | |
|--------|----------------|-------------|
| Fig. 1 | 25050-1 | 23,0 cm/9" |
| Fig. 2 | 25050-2 | 22,0 cm/8¾" |
| Fig. 3 | 25050-3 | 22,0 cm/8¾" |
| Fig. 4 | 25050-4 | 22,0 cm/8¾" |
| Fig. 5 | 25050-5 | 19,0 cm/7½" |
| Fig. 6 | 25050-6 | 19,0 cm/7½" |



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Gallensteinzangen
Gall Stone Forceps
Pinces pour calculs biliaires
Pinzas para cálculos biliares



Desjardins
23,0 cm/9"



Fig. 1

24879-1



Fig. 2

24879-2



Blake
20,0 cm/8"



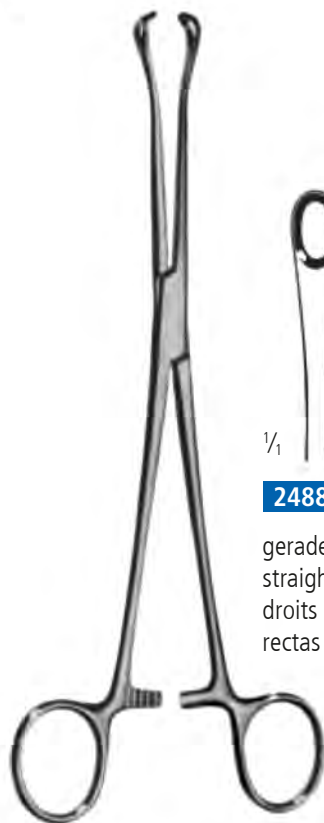
24884

gerade
straight
droits
rectas



24885

gebogen
curved
courbes
curvas



Mayo-Blake
20,0 cm/8"



24886

gerade
straight
droits
rectas



24887

gebogen
curved
courbes
curvas



Mixer

24889

22,0 cm/8¾"



Gallensteinsonden
Gall Stone Probes
Sondes à calculs biliaires
Sondas-exploradoras para cálculos biliares

Gallengangdilatoren
Bile Duct Dilators
Dilatateurs à voies biliaires
Dilatadores para conductos biliares



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Ø 4 mm
 biegsam
 malleable
 malléable
 maleable

Mayo

24818

32,0 cm/12½"



24838-1



24838-2



24838-3

federnd
 elastic
 élastique
 elástica

Desjardins

28,0 cm/11"

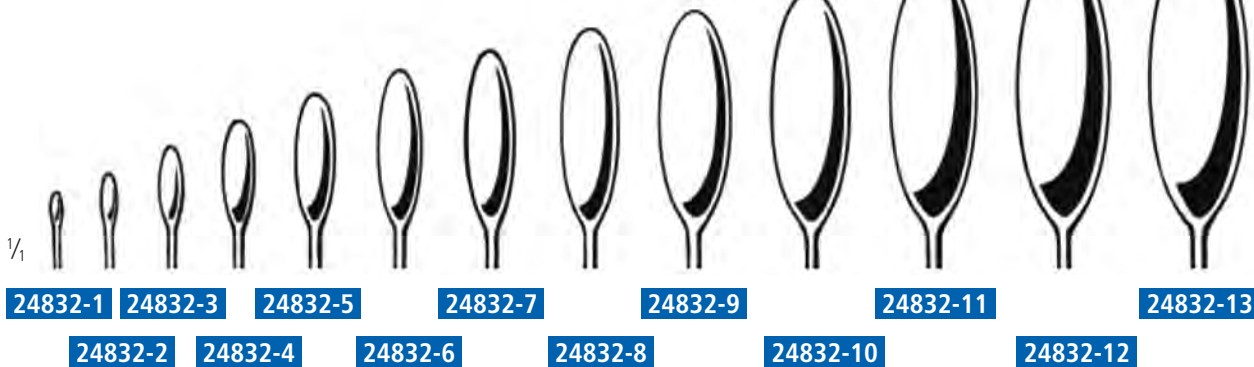


biegsam
 malleable
 malléable
 maleable

Bakes

30,0 cm/12"

Gallengangdilatoren
 Bile Duct Dilators
 Dilatateurs à voies biliaires
 Dilatadores para conductos biliares



24832-1

24832-2

24832-3

24832-4

24832-5

24832-6

24832-7

24832-8

24832-9

24832-10

24832-11

24832-12

24832-13



Gallensteinlöffel
Gall Stone Scoops
Curettes pour calculs biliaries
Cucharillas para cálculos biliares

SCHWERT
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EPEE · SPADA



Luer-Koerte
32,0 cm/12³/₄"

biegsam
malleable
malléable
maleable

2,5 mm



1/1

Fig. 000

24869-30

3,2mm



Fig. 00

24869-20

3,6 mm



Fig. 0

24869-10

5,5 mm



Fig. 1

24869-1

6,7 mm



Fig. 2

24869-2

8 mm



Fig. 3

24869-3

11 mm



Fig. 4

24869-4

15 mm



Fig. 5

24869-5

Gallensteinlöffel
 Gall Stone Scoops
 Curettes pour calculs biliaires
 Cucharillas para cálculos biliares

Katheter-Einführungsinstrument
 Catheter introducing instrument
 Instrument pour introduire des sondes
 Instrumento para introducir catéteres

Katheter-Einführungsinstrument
 Catheter introducing instrument
 Instrument pour introduire des sondes
 Instrumento para introducir catéteres



SCHWERT
 SWORD · ESPADA
 EPEE · SPADA

Gallensteinlöffel, Gall Stone Scoops, Curettes pour calculs biliaires, Cucharillas para cálculos biliares



6 mm



Fig. 1

24850-1

7 mm



Fig. 2

24850-2

8 mm



Fig. 3

24850-3

9 mm



Fig. 4

24850-4

1/1

Desjardins
 30,0 cm/12"

federnd
 elastic
 élastique
 elástica



Moore
 24852
 28,0 cm/11"



Mayo
 24865
 28,0 cm/11"



Guyon
 25178
 36,5 cm/14½"



Blasenspatel
Bladder Retractors
Spatules vésicales
Separadores vesicales

SCHWERT
SWORD · ESPADA
EPEE · SPADA



35 mm

Legue

25355

27,0 cm/10½"



56 mm

Kocher

25356

26,0 cm/10¼"



67 mm

Kocher

25348

26,0 cm/10¼"

**Blasenwundspreizer
Bladder Retractors
Ecarteurs vésicaux
Separadores vesicales**



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Judd-Masson

25339	110 mm	73x28 mm	73x28 mm
	Spreizweite	Seitliche Valven	Mittelvalve
	Spread	Lateral blades	Center blade
	Ecartement	Valves latérales	Valve centrale
	Apertura de la hoja	Valvas laterales	Valva central



Millin

25335 bestehend aus, consisting of
compose de, compuesto de:

25335-1 Sperrer, Spreader
Ecarteur, Separador

25335-5 57x25 mm Seitliche Valven
Lateral blades

25335-8 80x25 mm Valves latérales
Valvas laterales

25335-12 Mittelvalve, Center blade
120x45 mm Valve centrale, Valva central



Legueu

25342	95 mm	28x60 mm	70x32 mm
	Spreizweite	Seitliche Valven	Mittelvalve
	Spread	Lateral blades	Center blade
	Ecartement	Valves latérales	Valve centrale
	Apertura de la hoja	Valvas laterales	Valva central



SCHWERT
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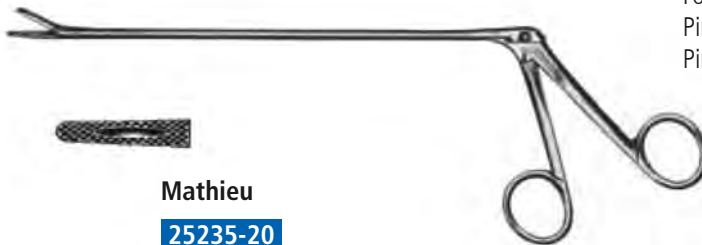
Beschneidungsinstrumente
Circumcision Instruments
Instruments de circoncision
Instrumentes para circuncisión

Fremdkörperzangen
Foreign Body Forceps
Pincers à corps étrangers
Pinzas para cuerpos extraños



Beschneidungsinstrumente
Circumcision Instruments
Instruments de circoncision
Instrumentes para circuncisión

25210-16	16 mm
25210-21	21 mm
25210-26	26 mm
25210-32	32 mm



Fremdkörperzangen
Foreign Body Forceps
Pincers à corps étrangers
Pinzas para cuerpos extraños

Mathieu

25235-20

20,0 cm/8"

Penisklemmen
Penis Seizing Forceps
Compresseurs de l'urètre
Compresores uretrales



Strauss

25201

11,0 cm/4 1/2"



Stockmann

25200

8,0 cm/3 1/4"

Prostatahaken
Prostatic Retractors
Ecarteurs prostatiques
Separadores para prostata



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Young

25301

21,5 cm/8½"



Young

25302

21,5 cm/8½"



Young

25303

22,0 cm/8¾"



Young

25304

21,5 cm/8½"



Kapsel­f­ass­z­an­gen
Capsule Forceps
Pinces pour saisir les capsules
Pinzas capsulares

SCHWERT
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EPEE · SPADA

atraumatisch
atraumatic
atraumatique
atraumática



1/1

25320

23,5 cm/9 1/4"



Millin



1/1

Fig. 1

25319

23,0 cm/9"



Fig. 2

25317

23,0 cm/9"

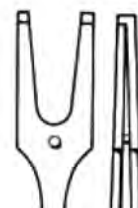


Fig. 3

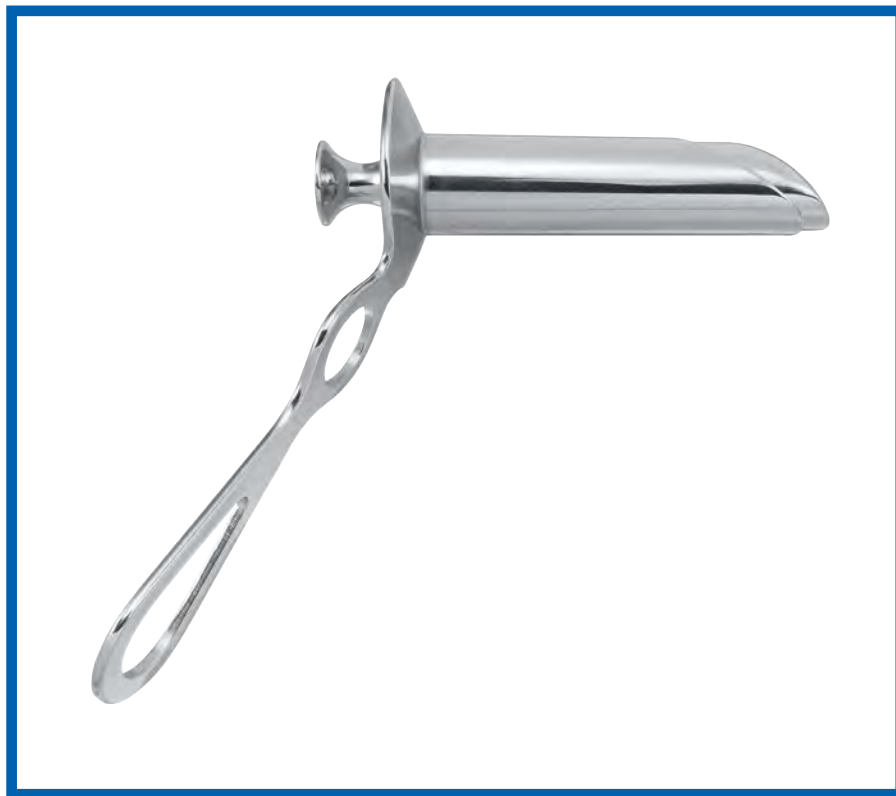
25315

24,0 cm/9 1/2"



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EPEE · SPADA

Rektum Instrumente Rectal Instruments Instruments Rectaux Instrumentes Rectales





Hämorrhoidal-Fasszangen
Haemorrhoidal Forceps
Pinces pour saisir les hémorroïdes
Pinzas hemorroidales

SCHWERT
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EPEE - SPADA



McGivney

25469

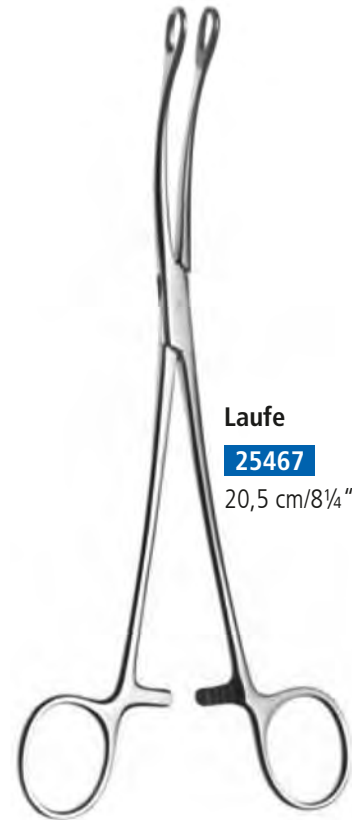
19,0 cm/7½"



McGivney

25470

19,0 cm/7½"



Laufe

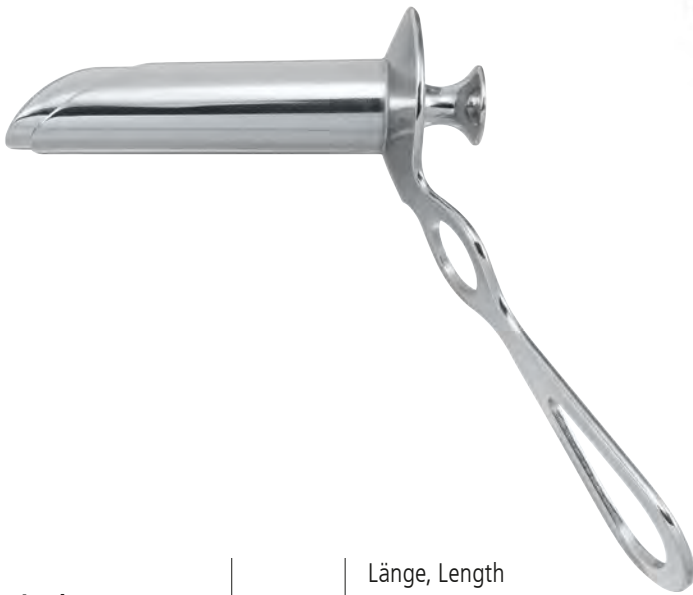
25467

20,5 cm/8¼"

Anuskope
Anusopes
Anusopes
Anuscopios



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Hirschmann	Ø	Länge, Length Longeur, Largo
25579-16 Fig. 1	16 mm	x 6,5 cm/2½"
25579-19 Fig. 2	19 mm	x 6,5 cm/2½"
25579-22 Fig. 3	22 mm	x 6,5 cm/2½"



Ives-Fansler	Ø	Länge, Length Longeur, Largo
25585	22 mm	x 9,5 cm/4"



Proktoskope
Proctoscopes
Proctoscopes
Proctoscopios

SCHWERT
SWORD - ESPADA
EPEE - SPADA



Chelsea Eaton		Ø	Länge, Length Longeur, Largo
25559-1	Fig. 1	22 mm	x 6,5 cm/2½"
25559-2	Fig. 2	30 mm	x 6,5 cm/2½"



Kelly		Ø	Länge, Length Longeur, Largo
25561-0	Fig. 1	22 mm	x 5,0 cm/2"
25561	Fig. 2	22 mm	x 10,0 cm/4"
25562	Fig. 3	22 mm	x 14,5 cm/6"
25563	Fig. 4	22 mm	x 20,0 cm/8"

Sphinkteroskope
Sphincteroscopes
Sphinctérosopes
Esfincteroscopios

Mastdarm-Spekula
Rectal Specula
Spéculums rectaux
Espéculos rectales



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Sphinkteroskope
Sphincteroscopes
Sphinctérosopes
Esfincteroscopios



Kelly		Ø	Länge, Length Longeur, Largo
25555	Fig. 3	21 mm	x 5,0 cm/2"
25556	Fig. 4	25 mm	x 5,0 cm/2"



70x22 mm

Mastdarm-Spekula
Rectal Specula
Spéculums rectaux
Espéculos rectales

Barr

25540

17,0 cm/6¾"



Analpreizer
Anal Retractors
Ecarteurs rectaux
Separadores rectales

SCHWERT
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EPEE · SPADA

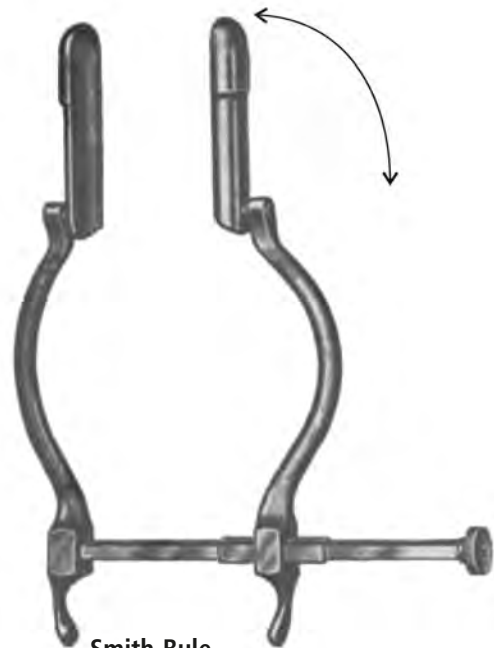


Analpreizer

25590

18,0 cm/7"

15/30 x 70 mm



Smith-Bule

25542

15,0 cm/6"

**Analspreizer
Anal Retractors
Ecarteurs rectaux
Separadores rectales**



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Alan Parks

25538

13,5 cm/5¼"

bestehend aus:
consisting of:
compose de :
compuesto de:

25538-1

25538-2

25538-3 2x

25538-4 2x



25538-1

Sperrer, allein
Spreader, only
Ecarteur, seule
Separador, suelta

25538-2 95x24 mm

Mittelblatt, allein
Center blade, only
Valve centrale, seule
Valva central, suelta

25538-2 75x24 mm

Blatt, allein
Blade, only
Valve, seule
Valva, suelta

25538-4 95x24 mm

Blatt, allein
Blade, only
Valve, seule
Valva, suelta



SCHWERT
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EPEE · SPADA

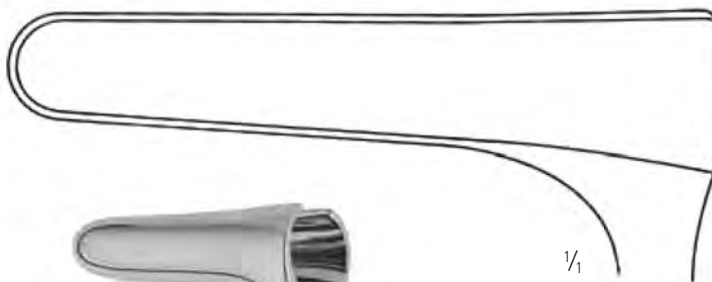
Mastdarm-Spekula
Rectal Specula
Spéculums rectaux
Espéculos rectales



Czerny

25517

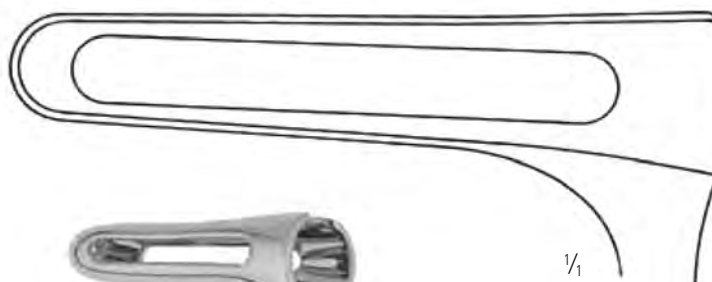
22,0 cm/8¾"



Sims
(Bodenhammer)

25524

15,0 cm/6"



Sims

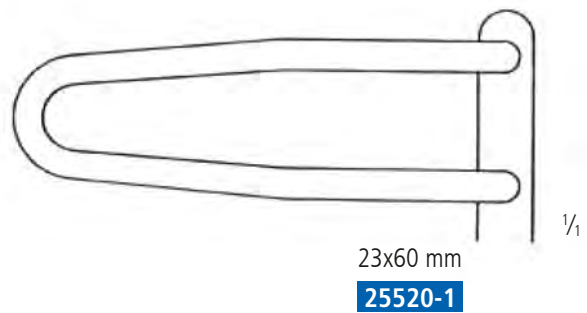
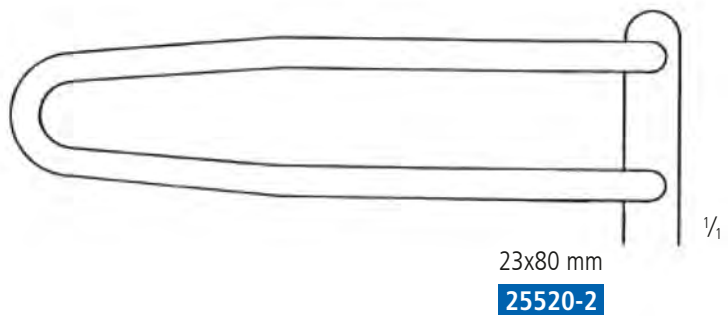
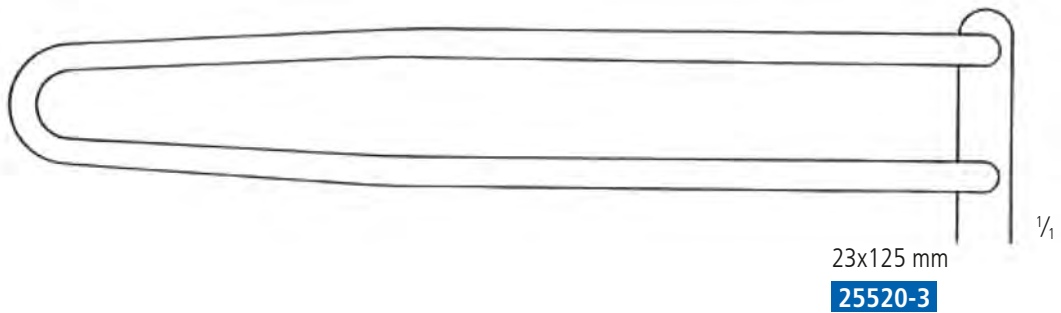
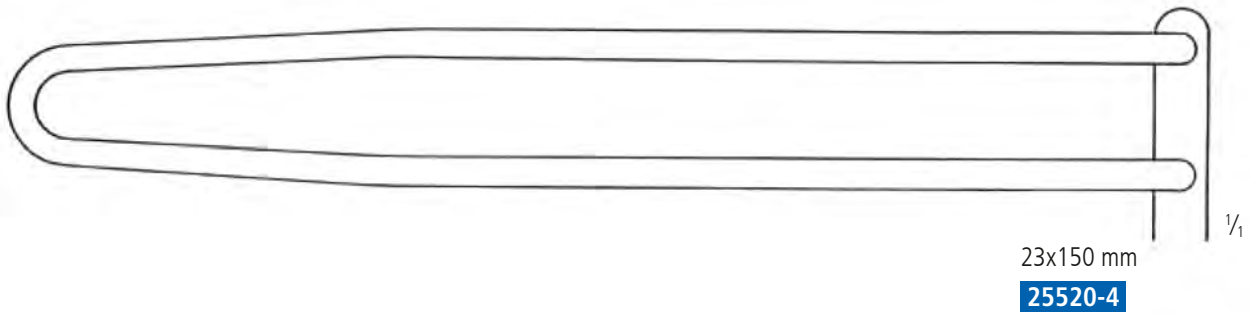
25525

15,0 cm/6"

Mastdarm-Spekula
Rectal Specula
Spéculums rectaux
Espéculos rectales



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Sims

	Gesamtlänge Total length Longeur totale Largo total
25520-4	24,0 cm/9½"
25520-3	24,0 cm/9½"
25520-2	24,0 cm/9½"
25520-1	17,0 cm/6¾"



Mastdarm-Biopsiezangen
Rectal Biopsy Specimen Forceps
Pinces à biopsie rectale
Pinzas para biopsia rectal

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— Schaftlänge · Length of shaft · Longueur de tige · Largo del asta —



Fig. 1



3,5x14 mm

Yeoman

27180-128 28,0 cm/11"

27180-135 35,0 cm/13¾"

27180-142 42,0 cm/16½"

Fig. 2



3,5x14 mm

Yeoman

27180-228 28,0 cm/11"

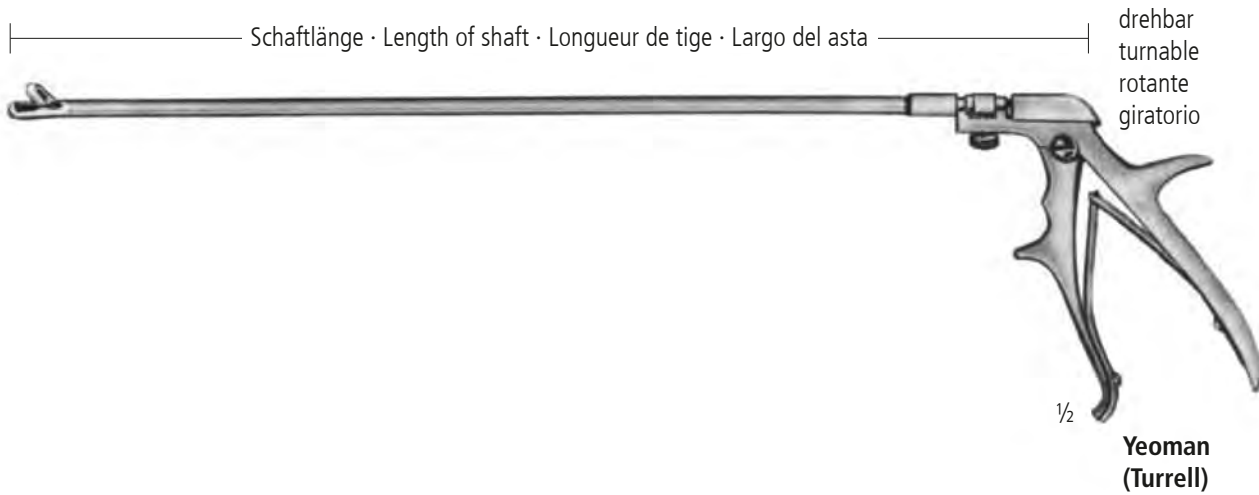
27180-235 35,0 cm/13¾"



27180-242 42,0 cm/16½"

Mastdarm-Biopsiezangen
Rectal Biopsy Specimen Forceps
Pinces à biopsie rectale
Pinzas para biopsia rectal



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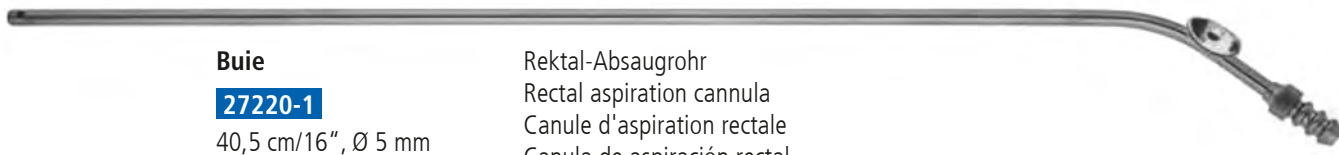
	$\frac{1}{4}$	Zange komplett mit Griff Forceps complete with handle Pince complète avec manche Pinza completa con mango	Schaftlänge Length of shaft Longueur de tige Largo del asta
10x3,5 mm Fig. 1 		27176-11	33 cm/13"
ohne Zähne, without teeth sans dents, sin dientes		27176-12	40 cm/16"
10x3,5 mm Fig. 2 		27176-21	33 cm/13"
ohne Zähne, without teeth sans dents, sin dientes		27176-22	40 cm/16"



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Sonden
Directors
Sondes rectaux
Sondas rectales

Saugrohre
Suction Tubes
Tubes d'aspiration
Canulas de aspiración

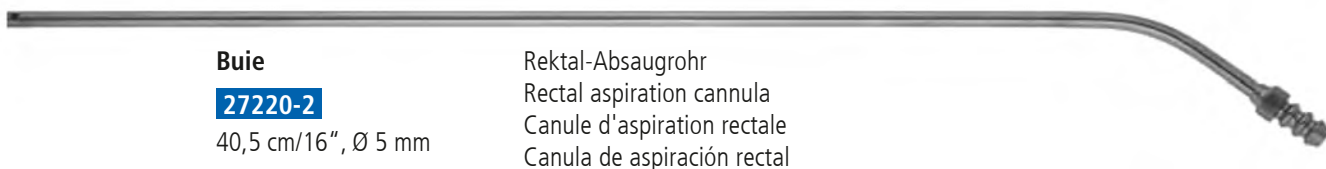


Buie

27220-1

40,5 cm/16", Ø 5 mm

Rektal-Absaugrohr
Rectal aspiration cannula
Canule d'aspiration rectale
Canula de aspiración rectal



Buie

27220-2

40,5 cm/16", Ø 5 mm

Rektal-Absaugrohr
Rectal aspiration cannula
Canule d'aspiration rectale
Canula de aspiración rectal



Larry

27224-15

15,0 cm/6"
biegsam, malleable
malléable, maleable

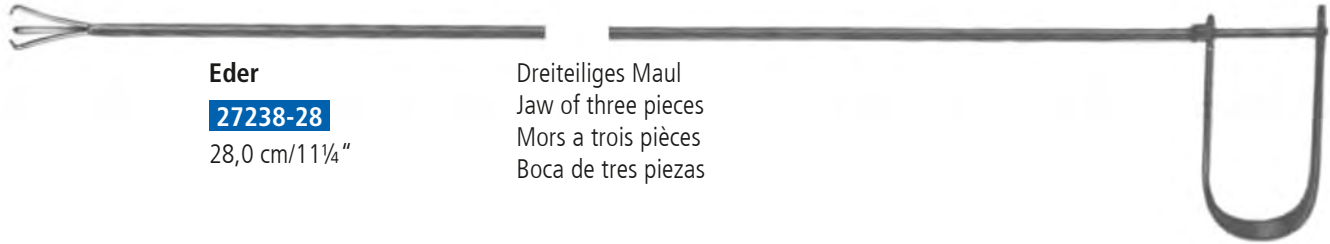
Rektal-Sonde
Rectal director
Sonde rectale
Sonda rectal

Rektal-Schnürer
Rectal snares
Serre-noeuds rectaux
Cierre-nudos rectales

Watte- und Tupferträger
Cotton Applicators
Porte-cotons
Porta-algodones



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SWORD · ESPADA
EPEE · SPADA

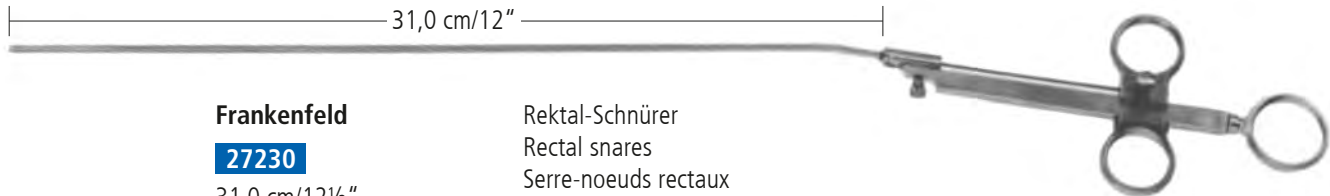


Eder

27238-28

28,0 cm/11¼"

Dreiteiliges Maul
Jaw of three pieces
Mors a trois pièces
Boca de tres piezas



Frankenfeld

27230

31,0 cm/12½"

Rektal-Schnürer
Rectal snares
Serre-noeuds rectaux
Cierre-nudos rectales



27230-03

15,0 cm/6"

Pack a 12 Stück
Pack of 12 pieces
Paquet à 12 pièces
Paquete con 12 piezas

Stahldraht für Rektalschnürer
Steel wire for rectal snares
Anses en fil d'acier pour serre-noeuds rectaux
Alambre de acero para cierre-nudos rectales



SCHWERT
SWORD · ESPADA
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Gynäkologie, Geburtshilfe
Gynecology, Obstetrics
Gynécologie, Accouchement
Ginecología, Obstetricia



Scheidenspekula
Vaginal Specula
Spéculums vaginaux
Espéculos vaginales



SCHWERT
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Kristeller

Satz für Kinder
Set for children
Jeu pour enfants
Juego para niños

25884-0 70x15 mm



Spekula
Specula
Spéculum
Espéculo

Halter
Retractor
Valve
Valva

Kristeller

kurzes Modell
short model
modèle court
modelo corto

Satz aus je 1 Spekula und 1 Halter
Set of 1 specula and 1 retractor
Jeu de 1 spéculum et 1 valve
Juego de 1 espéculo y 1 valva

Fig. 1 **25884-1**

Fig. 2 **25884-2**

Fig. 3 **25884-3**

Spekula
Specula
Spéculum
Espéculo

Fig. 1 **25878-1** 70x27 mm

Fig. 2 **25878-2** 80x30 mm

Fig. 3 **25878-3** 90x36 mm

Halter
Retractor
Valve
Valva

Fig. 1 **25880-1** 75x23 mm

Fig. 2 **25880-2** 85x26 mm

Fig. 3 **25880-3** 100x32 mm



SCHWERT
SWORD · ESPADA
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Scheidenspekula Vaginal Specula Spéculums vaginaux Espéculos vaginales



Spekula
Specula
Spéculum
Espéculo

Halter
Retractor
Valve
Valva

Satz aus je 1 Spekula und 1 Halter
Set of 1 specula and 1 retractor
Jeu de 1 spéculum et 1 valve
Juego de 1 espéculo y 1 valva

Fig. 00 [25884-10](#)

Fig. 0 [25884-11](#)

Spekula
Specula
Spéculum
Espéculo

Fig. 00 [25878-10](#) 105x16 mm

Fig. 0 [25878-11](#) 105x21 mm

Halter
Retractor
Valve
Valva

Fig. 00 [25880-10](#) 110x14 mm

Fig. 0 [25880-11](#) 110x17 mm

Kristeller

mit konisch verlaufenden Blättern
with conically shaped blades
avec valves coniques
con valvas cónicas



Spekula
Specula
Spéculum
Espéculo

Halter
Retractor
Valve
Valva

Satz aus je 1 Spekula und 1 Halter
Set of 1 specula and 1 retractor
Jeu de 1 spéculum et 1 valve
Juego de 1 espéculo y 1 valva

Fig. 1 [25884-5](#)

Fig. 2 [25884-6](#)

Fig. 3 [25884-7](#)

Spekula
Specula
Spéculum
Espéculo

Fig. 1 [25878-5](#) 105x26 mm

Fig. 2 [25878-6](#) 105x28 mm

Fig. 3 [25878-7](#) 105x33 mm

Halter
Retractor
Valve
Valva

Fig. 1 [25880-5](#) 115x22 mm

Fig. 2 [25880-6](#) 115x24 mm

Fig. 3 [25880-7](#) 115x29 mm

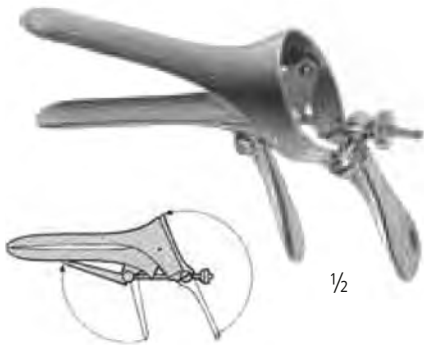
Kristeller

langes Modell
long model
modèle longue
modelo largo

Scheidenspekula
Vaginal Specula
Spéculums vaginaux
Espéculos vaginales



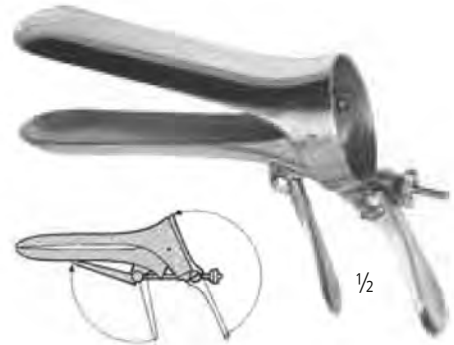
SCHWERT
SWORD · ESPADA
EPEE · SPADA



Cusco

25776-0 85x17 mm

für Jungfrauen
for virgins
pour vierges
para virgenes

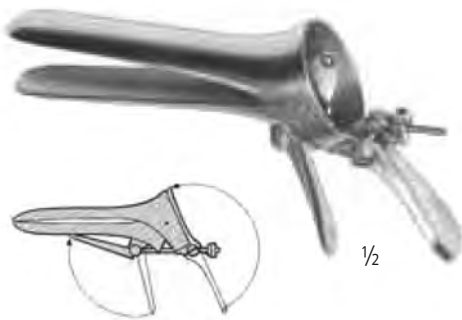


Cusco

Fig. 1 25776-1 75x32 mm

Fig. 2 25776-2 85x35 mm

Fig. 3 25776-3 100x35 mm



Cusco

Fig. 2 25775-2 100x25/27 mm

Fig. 3 25775-3 100x27/30 mm

Schweizer Modell
Swiss pattern
Modèle suisse
Modelo suizo



Grave

Fig. 1 25798-1 75x20 mm

Fig. 2 25798-2 95x30 mm

Fig. 3 25798-3 105x33 mm



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Scheidenspekula Vaginal Specula Spéculums vaginaux Espéculos vaginales



Seyffert
23,0 cm/9"

25802-1 100x17 mm

25802-2 110x33 mm



Collin

Fig. 1 **25791-1** 90x29 mm

Fig. 2 **25791-2** 95x35 mm

Fig. 3 **25791-3** 110x40 mm



Pederson

Fig. 1 **25799-1** 75x13 mm

Fig. 2 **25799-2** 100x22 mm

Fig. 3 **25799-3** 130x25 mm

Scheidenspekula
Vaginal Specula
Spéculums vaginaux
Espéculos vaginales



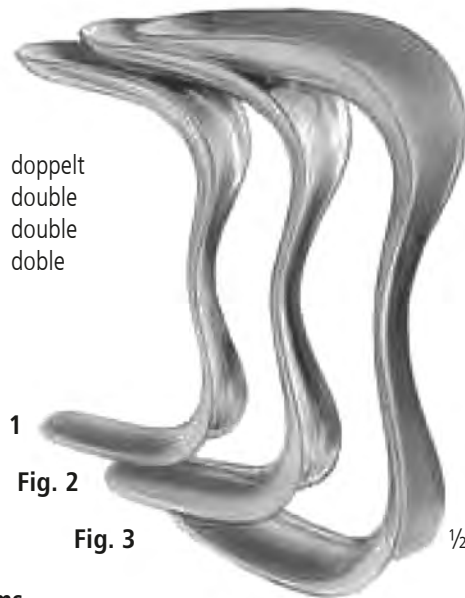
SCHWERT
SWORD · ESPADA
EPEE · SPADA



1/2

Semm

- Fig. 1 **25803-1** 95x14/18 mm
Fig. 2 **25803-2** 100x20/25 mm
Fig. 3 **25803-3** 105x27/35 mm



doppelt
double
double
double

Fig. 1

Fig. 2

Fig. 3

1/2

Sims

- Fig. 1 **25855-1** 70x25/75x30 mm
Fig. 2 **25855-2** 75x30/80x35 mm
Fig. 3 **25855-3** 80x35/90x40 mm



Spekula
Specula
Spéculum
Espéculo

1/2

Halter
Retractor
Valve
Valva

1/2

Kallmorgen

Satz aus je 1 Spekula und 1 Halter
Set of 1 specula and 1 retractor
Jeu de 1 spéculum et 1 valve
Juego de 1 espéculo y 1 valva

Fig. 1 **25888-A** 17,0 cm/6¾"

Fig. 2 **25888-B** 20,0 cm/8"

- Fig. 1 **25888-11** 70x40 mm
Fig. 2 **25888-12** 90x40 mm

- Fig. 1 **25888-1** 70x33 mm
Fig. 2 **25888-2** 90x33 mm



Scheidenspekula
Vaginal Specula
Spéculums vaginaux
Espéculos vaginales

SCHWERT
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Breisky

1/2

29,0 cm/11½"

- 25915-1** 100x20 mm
- 25915-2** 100x25 mm
- 25915-3** 100x30 mm
- 25915-4** 100x35 mm
- 25915-5** 100x40 mm

32,0 cm/12½"

- 25915-11** 130x20 mm
- 25915-12** 130x25 mm
- 25915-13** 130x30 mm
- 25915-14** 130x35 mm
- 25915-15** 130x40 mm

35,0 cm/13¾"

- 25915-16** 155x20 mm



Doyen

24,0 cm/9½"

- 25928** 70x30 mm

1/2

Scheidenspekula
Vaginal Specula
Spéculum vaginaux
Espéculos vaginales



SCHWERT
SWORD · ESPADA
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Spekula
Specula
Spéculum
Espéculo

Halter
Retractor
Valve
Valva

Mathieu
21,0 cm/8¼"

Spekula
Specula
Spéculum
Espéculo

25890-12 95x17-30 mm

Halter
Retractor
Valve
Valva

25891-2 95x17-26 mm

½



Doyen

Fig. 1 **25892-1A** 60x35 mm

Fig. 2 **25892-1B** 90x35 mm

Fig. 3 **25892-1C** 120x35 mm

Fig. 4 **25892-1D** 160x35 mm

Fig. 1 **25892-2A** 60x45 mm

Fig. 2 **25892-2B** 90x45 mm

Fig. 3 **25892-2C** 120x45 mm

Fig. 4 **25892-2D** 160x45 mm

Fig. 1 **25892-3A** 60x60 mm

Fig. 2 **25892-3B** 90x60 mm

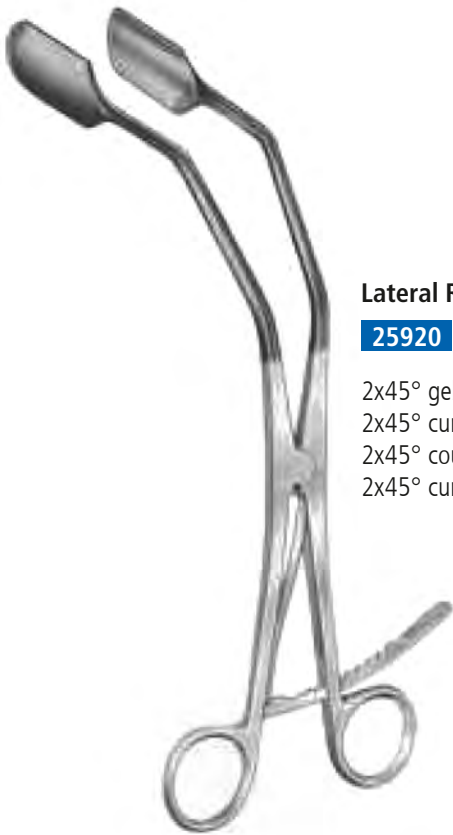
Fig. 3 **25892-3C** 120x60 mm

Fig. 4 **25892-3D** 160x60 mm



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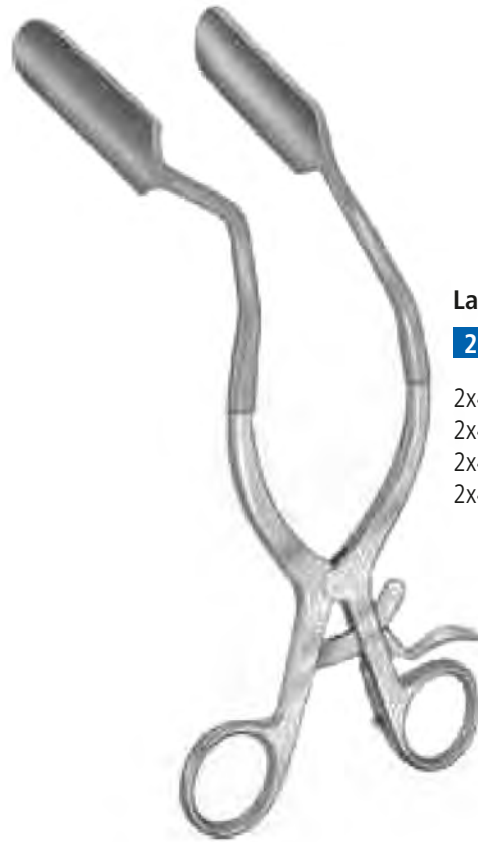
Lateral Vaginal-Retractor
Lateral Vaginal Retractor
Spéculum lateral
Espéculos laterales



Lateral Retraktor

25920

2x45° gebogen
2x45° curved
2x45° courbe
2x45° curva



Lateral Retraktor

25921

2x45° gebogen
2x45° curved
2x45° courbe
2x45° curva



Der Lateral Vaginal-Retraktor erweitert Ihr Blickfeld und den Arbeitsbereich.

The Lateral Vaginal Retractor improves access and viewing of the cervix during a procedure.

Le spéculum latéral élargit votre angle visuel et votre sphère du travail.

El espéculo lateral amplía su campo visual y su zona de trabajo.

Scheidenspekula
Vaginal Specula
Spéculums vaginaux
Espéculos vaginales



SCHWERT
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75x38 mm



Auvard

25825

mit abnehmbaren Gewicht
 with detachable weight
 avec poids démontable
 con peso desmontable

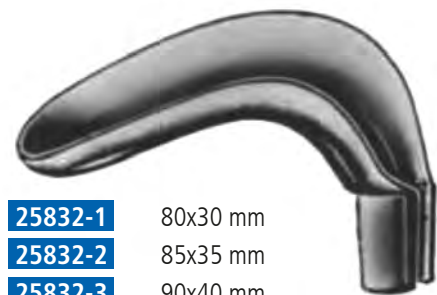
25826

mit festem Gewicht
 with fixed weight
 avec poids fixe
 con peso fijo

Scherbak

25832

Satz bestehend aus Gewicht (25832-14), Griff und 5 Blättern
 Set consisting of weight (25832-14), handle and 5 blades
 Jeu composé de poids (25832-14), manche et 5 valves
 Juego compuesto de peso (25832-14), mango y 5 valvas



25832-1

80x30 mm

25832-2

85x35 mm

25832-3

90x40 mm

25832-10

Griff allein
 Handle only
 Manche seul
 Mango suelto

25832-14 400 g

25832-18 800 g

Gewicht allein
 Weight only
 Poids seul
 Peso suelto



25832-4

55x40/60 mm

25832-5

70x45/70 mm



Endospekula
Endospecula
Endospéculums
Endospéculos

SCHWERT
SWORD · ESPADA
EPEE · SPADA



Kogan
28 cm/11"

mit Sperre
with ratchet
avec crémaillère
con cremallera



4x23 mm

25835-2



3x23 mm

25835-1

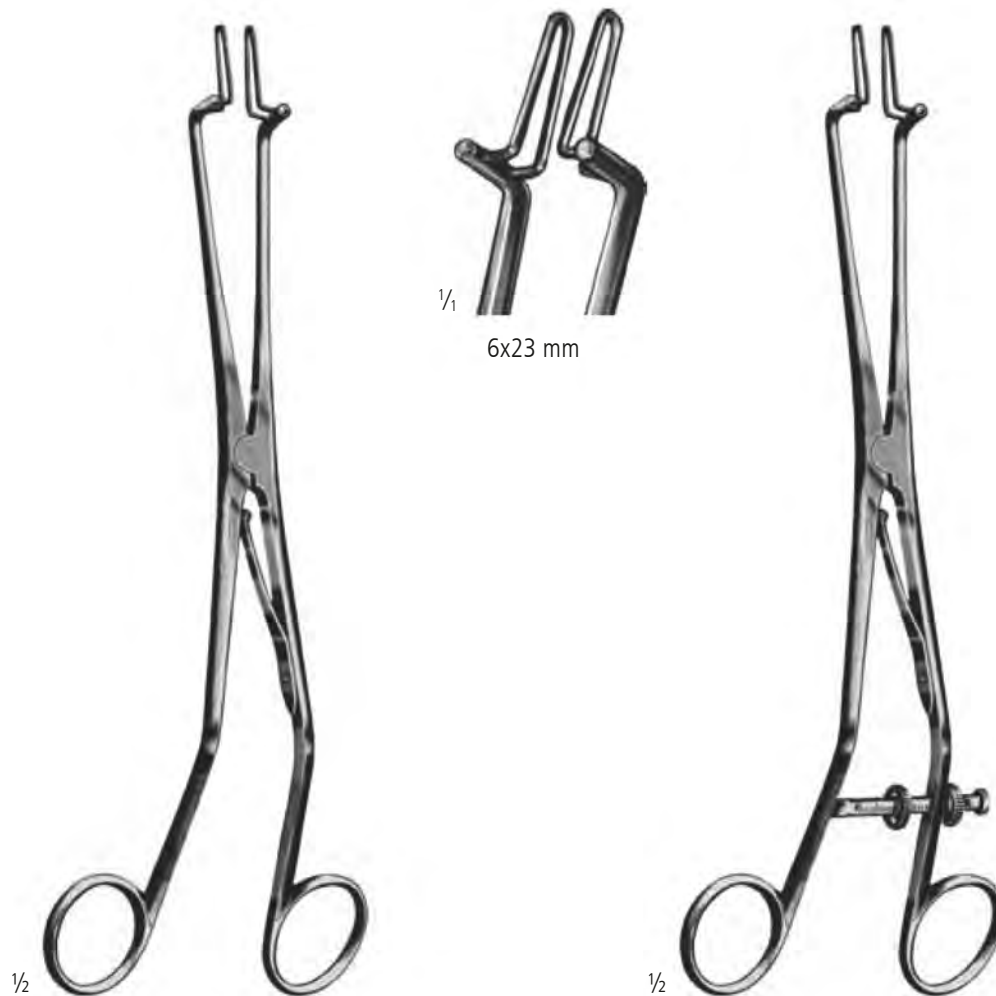
6x23 mm

25835-3

Endospekula
Endospecula
Endospéculum
Endospéculos



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Kogan

25836-3

24 cm/9½"

ohne Sperre
without ratchet
sans crémaillère
sin cremallera

Kogan

25837-3

24 cm/9½"

mit Schraubensperre
with screw ratchet
avec crémaillère de vis
con cremallera de tornillo



SCHWERT
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**Uterusdilatoren
Uterine-Dilators
Dilatateurs utérins
Dilatadores uterines**



Hegar

mit glattem Muldengriff
with sloped handle
avec manche aplati
con mango aplanado

	mm		mm
25973-1	1	25973-1,5	1,5
25973-2	2	25973-2,5	2,5
25973-3	3	25973-3,5	3,5
25973-4	4	25973-4,5	4,5
25973-5	5	25973-5,5	5,5
25973-6	6	25973-6,5	6,5
25973-7	7	25973-7,5	7,5
25973-8	8	25973-8,5	8,5
25973-9	9	25973-9,5	9,5
25973-10	10	25973-10,5	10,5
25973-11	11	25973-11,5	11,5
25973-12	12	25973-12,5	12,5
25973-13	13	25973-13,5	13,5
25973-14	14	25973-14,5	14,5
25973-15	15	25973-15,5	15,5
25973-16	16	25973-16,5	16,5
25973-17	17	25973-17,5	17,5
25973-18	18	25973-18,5	18,5
25973-19	19	25973-19,5	19,5
25973-20	20	25973-20,5	20,5
25973-21	21	25973-21,5	21,5
25973-22	22	25973-22,5	22,5
25973-23	23	25973-23,5	23,5
25973-24	24		
25973-25	25		
25973-26	26		
25973-27	27		
25973-28	28		
25973-29	29		
25973-30	30		

Satz		Stück per Satz
Set		Pieces per set
Jeu		Pièces par jeu
Juego	mm	Piezas por juego
25973-PL14	4-17	14
25973-PL26	1-26	26

**Uterusdilatoren
Uterine-Dilators
Dilatateurs utérins
Dilatadores uterines**



SCHWERT
SWORD · ESPADA
EPEE · SPADA



Hegar

mit glattem Muldengriff in Ledertasche
with sloped handle in leather pouch
avec manche aplati en pochette de cuir
con mango aplanado en estuche de cuero

Satz		Stück per Satz
Set		Pieces per set
Jeu		Pièces par jeu
Juego	mm	Piezas por juego
25973-L14	4-17	14



SCHWERT
SWORD · ESPADA
EPEE · SPADA

Uterusdilatoren Uterine-Dilators Dilatateurs utérins Dilatadores uterines

Hegar

doppelt
double
double
doble



	mm
25980-1	1/2
25980-3	3/4
25980-5	5/6
25980-7	7/8
25980-9	9/10
25980-11	11/12
25980-13	13/14
25980-15	15/16
25980-17	17/18
25980-19	19/20
25980-21	21/22
25980-23	23/24
25980-25	25/26

Satz Set Jeu Juego	mm	Stück per Satz Pièces per set Pièces par jeu Piezas por juego
25980-PL8	3/4-17/18	8
25980-PL13	1/2-25/26	13



Hank

Amerikanische Skala
American scale
Echelle américaine
Escala americana

		mm
Fig. 9/10	25984-9	9/10
Fig. 11/12	25984-11	11/12
Fig. 13/14	25984-13	13/14
Fig. 15/16	25984-15	15/16
Fig. 17/18	25984-17	17/18
Fig. 19/20	25984-19	19/20



Hegar

doppelt, double, double, doble

in Stofftasche, in canvas roll,
en pochette à toile, en estuche de tela

Satz Set Jeu Juego	mm	Stück per Satz Pièces per set Pièces par jeu Piezas por juego
25980-S8	3/4-17/18	8

Satz Set Jeu Juego	mm	Stück per Satz Pièces per set Pièces par jeu Piezas por juego
25984-6	9/10-17/18	6

Uterussonden
Uterine Sounds
Hystéromètres
Histerómetros

Uterus-Depressoren
Uterine depressors
Depresseurs utérins
Depresores uterines



SCHWERT
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Uterussonden
Uterine Sounds
Hystéromètres
Histerómetros

Sims

32,0 cm/12½"

26010

starr, graduiert in cm
rigid, graduated in cm
rigide, gradué en cm
rigido, graduado en cm

26010-1

biegsam, graduiert in cm
malleable, graduated in cm
malléable, gradué en cm
maleable, graduado en cm



biegsam
malleable
malléable
maleable

Martin

26014

32,0 cm/12½"



Uterus-Depressor
Uterine depressor
Depresseur utérin
Depresor uterin0

Braun

26035

27,5 cm/11"



SCHWERT
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Hakenzangen
Tenaculum Forceps
Pinces à griffes
Pinzas para coger el cuello del útero



s-förmig
S-shaped
forme en S
en forme de S

Duplay
25,0 cm/10"

26321



spitz
sharp
pointue
aguda

26282

Isoliert für Laser- und Elektrochirurgie
Insulated for Laser- and Electrosurgery
Isolé pour les interventions au laser et électrochirurgical
Aislado para láser y electrocirugía

Schröder-Braun
25,0 cm/10"



stumpf
blunt
mousse
roma

26283



Braun
25,0 cm/10"

26280



Skene
24,0 cm/9½"

26325

Hakenzangen
Tenaculum Forceps
Pincers à griffes
Pinzas para coger el cuello del útero



SCHWERT
SWORD · ESPADA
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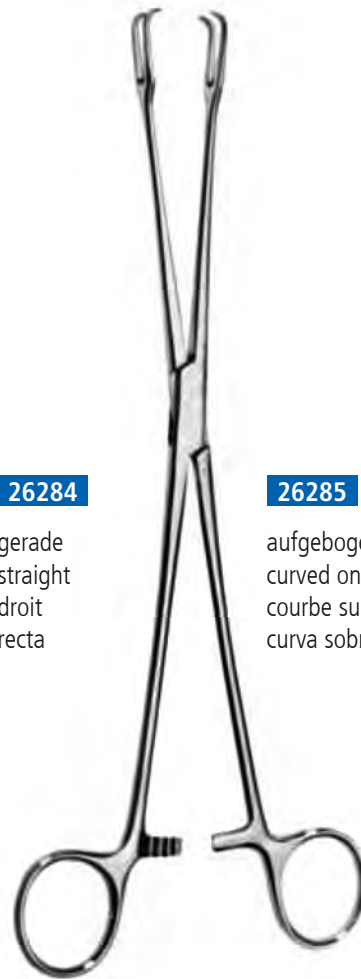
Staude-Moore
17,0 cm/6¾"

26315



Czerny
20,0 cm/8"

26316



26284

gerade
straight
droit
recta

26285

aufgebogen
curved on flat
courbe sur le plat
curva sobre el plano

Schröder
24,0 cm/9½"



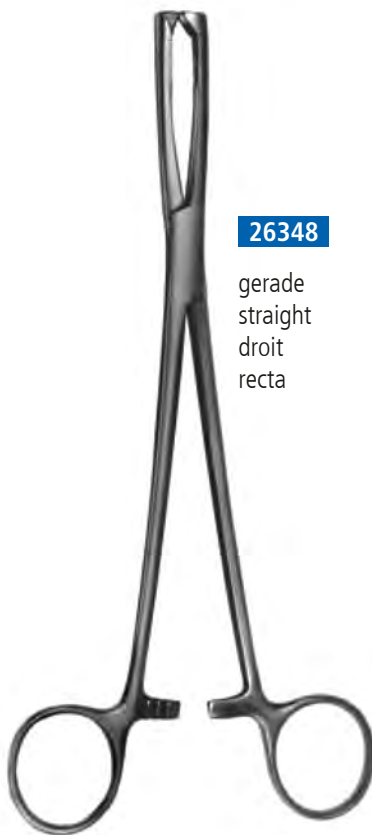
SCHWERT
SWORD - ESPADA
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Hakenzangen
Tenaculum Forceps
Pinces à griffes
Pinzas para coger el cuello del útero



Teale
23,0 cm/9"

26333



Jakobs
21,0 cm/8½"

26348

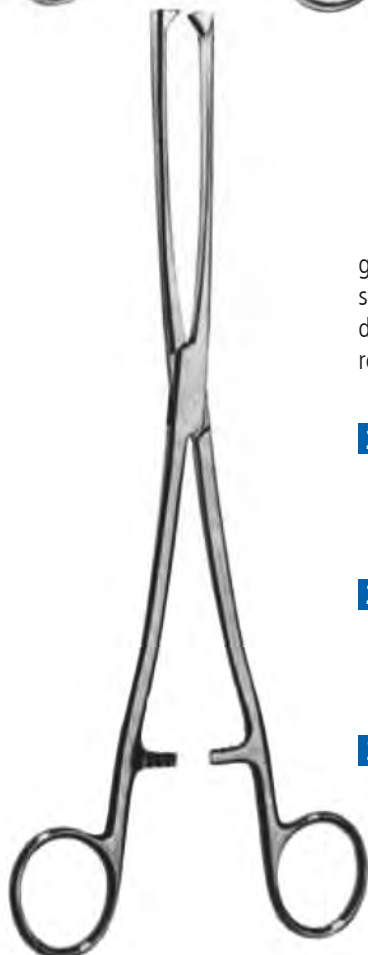
gerade
straight
droit
recta

26350

aufgebogen
curved on flat
courbe sur le plat
curva sobre el plano

26349

seitwärts gebogen
curved sideways
courbe sur le côté
curva lateral



gerade
straight
droit
recta

26364-6

6 mm



seitwärts gebogen
curved sideways
courbe sur le côté
curva lateral

26365-6

8 mm



26364-8

26365-8

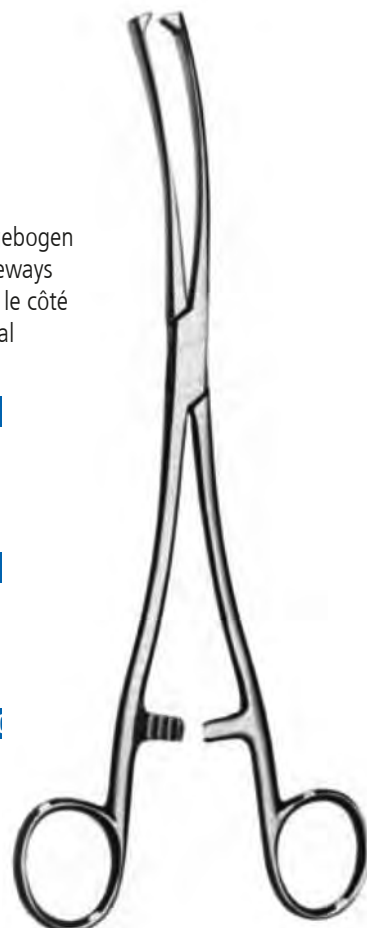
10 mm



26364-10

26365-10

Museux
24,0 cm/9½"



Uterus-Polypenzangen
Uterine Polypus Forceps
Pinces à polypes utérins
Pinzas para polipos uterines

Uterus-Fasszangen
Uterine Elevating Forceps
Pinces hystérolabes
Pinzas para el útero



SCHWERT
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EPEE · SPADA

Uterus-Polypenzangen, Uterine Polypus Forceps
Pinces à polypes utérins, Pinzas para polipos uterines



Noto

26225

27,0 cm/10½"



Kelly

26237

32,0 cm/12½"

Ovarien-Fasszange
Ovarian Elevating Forceps
Pinces pour les ovaires
Pinzas para ovarios



Doyen

26448

20,0 cm/8"



SCHWERT
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EPEE · SPADA

Uterus-Fasszangen
Uterine Elevating Forceps
Pinces hystérolabes
Pinzas para el útero

Myomheber
Myoma Screw
Tracteur de fibrome
Tiramiomas



Dartigues

26420

27,0 cm/10½"



Myomheber
Myoma Screw
Tracteur de fibrome
Tiramiomas

Doyen

26844

17,0 cm/6¾"



Doyen

26842

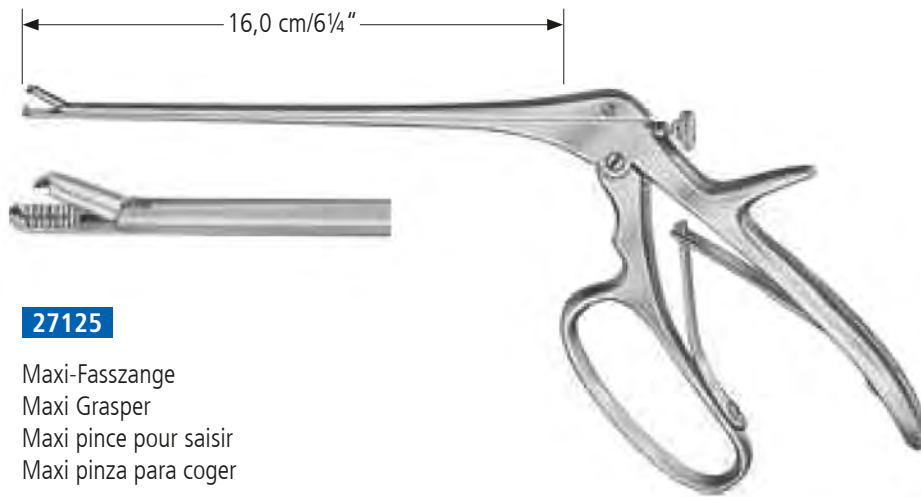
17,0 cm/6¾"



Fasszangen
Grasping Forceps
Pincés pour saisir
Pinzas para coger

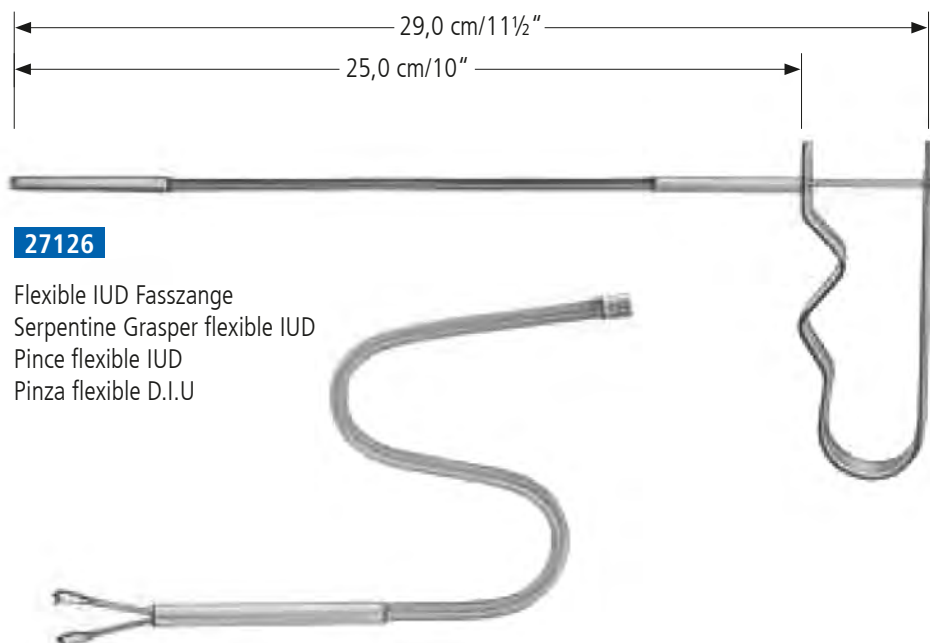


SCHWERT
SWORD · ESPADA
EPEE · SPADA



27125

Maxi-Fasszange
Maxi Grasper
Maxi pince pour saisir
Maxi pinza para coger



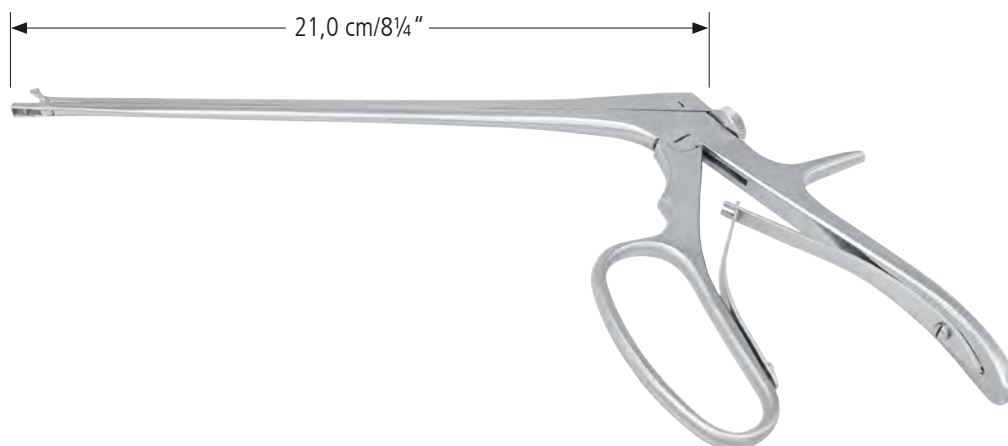
27126


Flexible IUD Fasszange
Serpentine Grasper flexible IUD
Pince flexible IUD
Pinza flexible D.I.U




SCHWERT
SWORD · ESPADA
EPEE · SPADA

Biopsiezangen
Biopsy Punches
Pinces emporte-pièces à biopsie
Pinzas para biopsia




 3x9 mm
Tischler-Kevorkian
27128-1




 3x7 mm
Tischler
27128-2




 2,3x4 mm
Baby-Tischler
27128-3



 2,3x4 mm
Mini-Tischler
27128-4

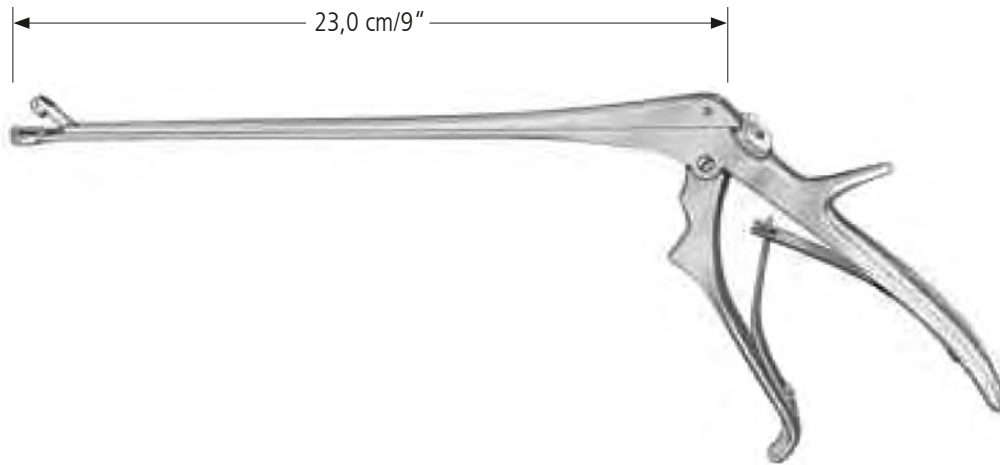


 3x9 mm
Kevorkian
27128-5



 3x7 mm
Coppelson
27128-6

Biopsiezangen
Biopsy Punches
Pinces emporte-pièces à biopsie
Pinzas para biopsia



○ 3x5 mm

Burke

27129-1



○ 4x6,5 mm

Baggish

27129-2

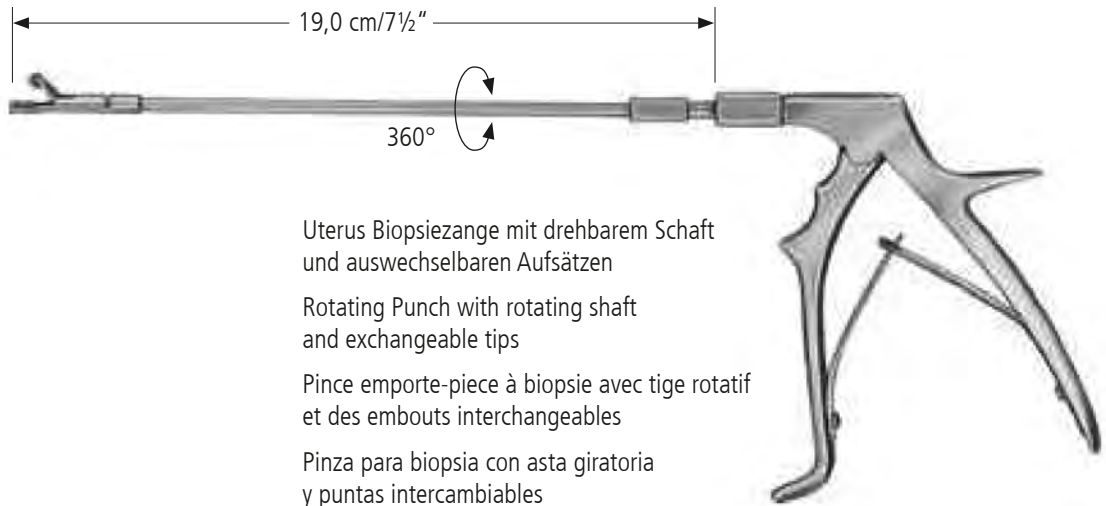


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Biopsiezangen
Biopsy Punches
Pinces emporte-pièces à biopsie
Pinzas para biopsia



Uterus Biopsiezange mit drehbarem Schaft und auswechselbaren Aufsätzen

Rotating Punch with rotating shaft and exchangeable tips

Pince emporte-pièce à biopsie avec tige rotatif et des embouts interchangeables

Pinza para biopsia con asta giratoria y puntas intercambiables

komplett · complete · complet · completo



○ 3x7 mm

Uni-Tischler komplett, complete
complet, completo

27130-1
gerade, straight
droit, recta



○ 3x7 mm

Uni-Tischler komplett, complete
complet, completo

27130-2
abwärts gebogen, downwards curved
courbe vers le bas, curva hacia abajo



○ 3x7 mm

Uni-Tischler komplett, complete
complet, completo

27130-3
aufwärts gebogen, upwards curved
courbe vers le haut, curva hacia arriba



□ 2,3x4 mm

Uni-Townsend komplett, complete
complet, completo

27130-4
gerade, straight
droit, recta



□ 2,3x4 mm

Uni-Townsend komplett, complete
complet, completo

27130-5
abwärts gebogen, downwards curved
courbe vers le bas, curva hacia abajo



□ 2,3x4 mm

Uni-Townsend komplett, complete
complet, completo

27130-6
aufwärts gebogen, upwards curved
courbe vers le haut, curva hacia arriba



○ 3x5 mm

Uni-Oval komplett, complete
complet, completo

27130-7



□ 3x9 mm

Uni-Kevorkian komplett, complete
complet, completo

27130-8



○ 3x4 mm

Uni-Burke komplett, complete
complet, completo

27130-9



△ 3,8x6 mm

Schuhmacher komplett, complete
complet, completo

27130-10

Biopsiezangen
Biopsy Punches
Pinces emporte-pièces à biopsie
Pinzas para biopsia



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Uni-Griff mit Ring
 Handle with ring
 Manche avec anneau
 Mango con anillo

27131



Uni-Griff
 Handle
 Manche
 Mango

27132

Aufsatz allein mit Rohr · Tip only with tube · Embout seulavec tubes ralloge · Punta soll con tubo de extensión



○ 3x7 mm

Uni-Tischler Aufsatz allein mit Rohr
 Tip only with tube

27133-1

gerade, straight
 droit, recta



○ 3x7 mm

Uni-Tischler Aufsatz allein mit Rohr
 Tip only with tube

27133-2

abwärts gebogen, downwards curved
 courbe vers le bas, curva hacia abajo



○ 3x7 mm

Uni-Tischler Aufsatz allein mit Rohr
 Tip only with tube

27133-3

aufwärts gebogen, upwards curved
 courbe vers le haut, curva hacia arriba



□ 2,3x4 mm

Uni-Townsend Aufsatz allein mit Rohr
 Tip only with tube

27133-4

gerade, straight
 droit, recta



□ 2,3x4 mm

Uni-Townsend Aufsatz allein mit Rohr
 Tip only with tube

27133-5

abwärts gebogen, downwards curved
 courbe vers le bas, curva hacia abajo



□ 2,3x4 mm

Uni-Townsend Aufsatz allein mit Rohr
 Tip only with tube

27133-6

aufwärts gebogen, upwards curved
 courbe vers le haut, curva hacia arriba



○ 3x5 mm

Uni-Oval Aufsatz allein mit Rohr
 Tip only with tube

27133-7



□ 3x9 mm

Uni-Kevorkian Aufsatz allein mit Rohr
 Tip only with tube

27133-8



○ 3x4 mm

Uni-Burke Aufsatz allein mit Rohr
 Tip only with tube

27133-9



△ 3,8x6 mm

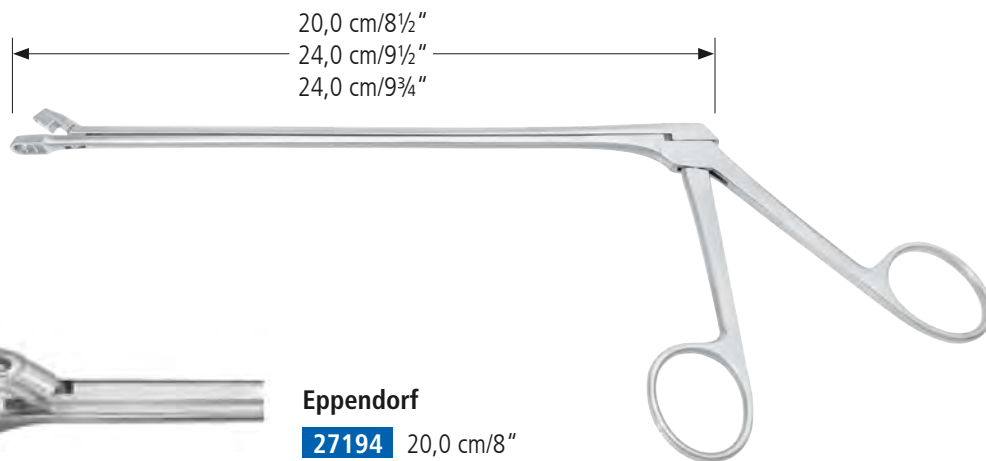
Schuhmacher Aufsatz allein mit Rohr, Tip only with tube
 Embout seulavec tubes ralloge, Punta soll con tubo de extensión

27133-10



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Biopsiezangen
Biopsy Punches
Pinces emporte-pièces à biopsie
Pinzas para biopsia



Eppendorf

27194 20,0 cm/8"
20,0 cm/8"

□ 4,5x8 mm



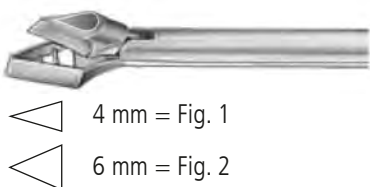
Wittner

27190-1 20,0 cm/8"
gebogen, curved
courbes, curvas

□ 4,5x8 mm

Wittner

27190-2 20,0 cm/8"
gerade, straight
droit, recta



Schumacher

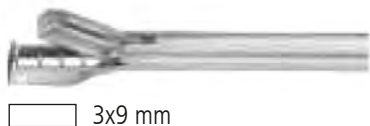
27182-1 24,0 cm/9 1/2"
Fig. 1

△ 4 mm = Fig. 1

△ 6 mm = Fig. 2

Schumacher

27182-2 24,0 cm/9 1/2"
Fig. 2



Kevorkian

27195 24,0 cm/9 3/4"

□ 3x9 mm

Biopsiezangen
Biopsy Punches
Pinces emporte-pièces à biopsie
Pinzas para biopsia

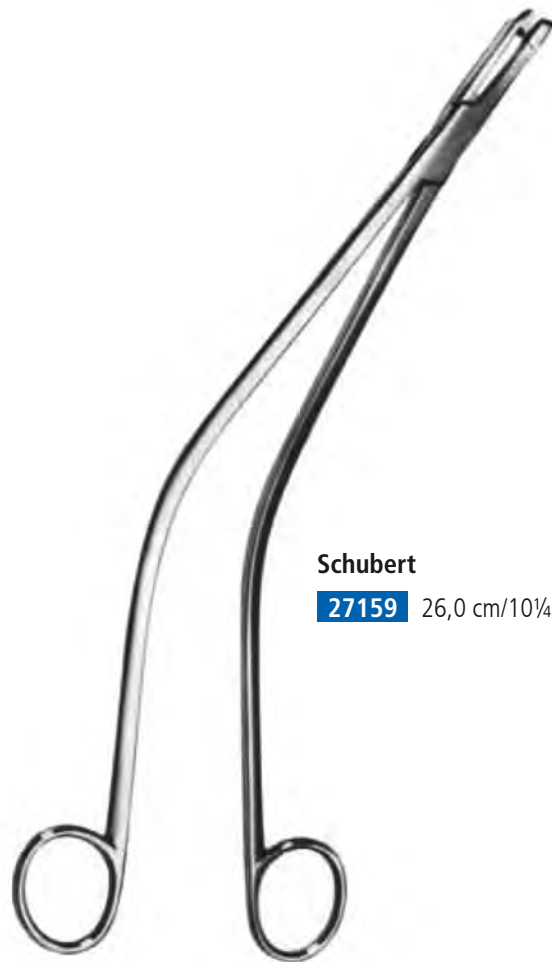


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Schubert

27158-21 21,0 cm/8¼"
27158-29 29,0 cm/11½"



Schubert

27159 26,0 cm/10¼"



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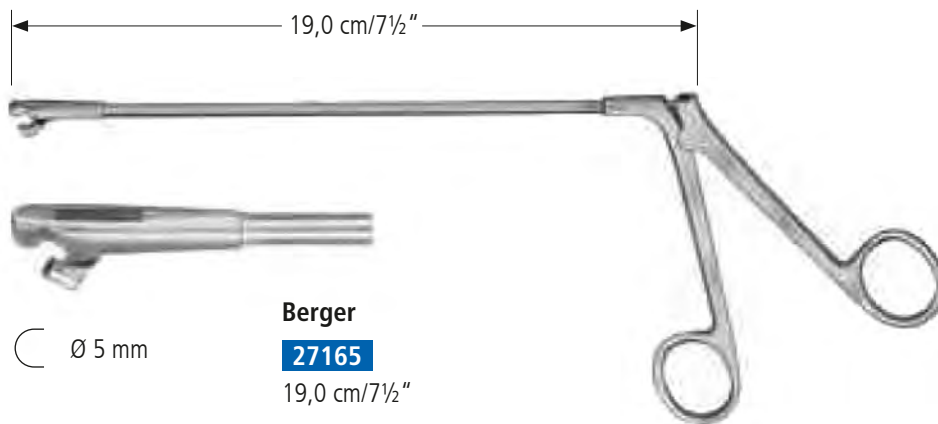
Biopsiezangen
Biopsy Punches
Pinces emporte-pièces à biopsie
Pinzas para biopsia



Tischler

27161

27,0 cm/10½"



19,0 cm/7½"

∅ 5 mm

Berger

27165

19,0 cm/7½"

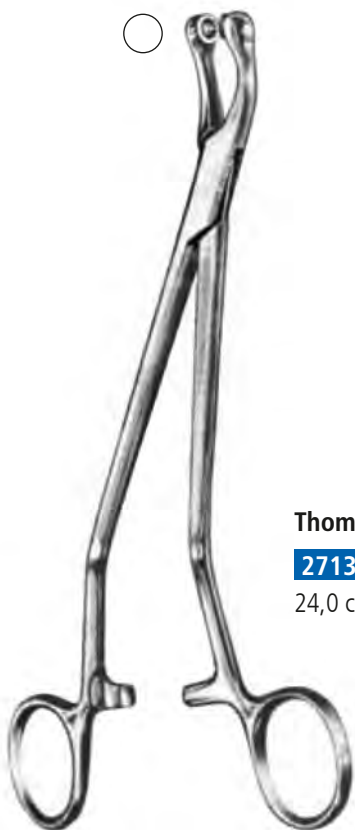
Biopsiezangen
Biopsy Punches
Pinces emporte-pièces à biopsie
Pinzas para biopsia



Alexander
27166
 28,0 cm / 11"



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Thoms-Gaylor
27135-24
 24,0 cm / 9½"



27153-1

eckig
 angular
 angulaire
 angular

Van Doren
 24,0 cm / 9½"



27153

rund
 round
 ronde
 redonda



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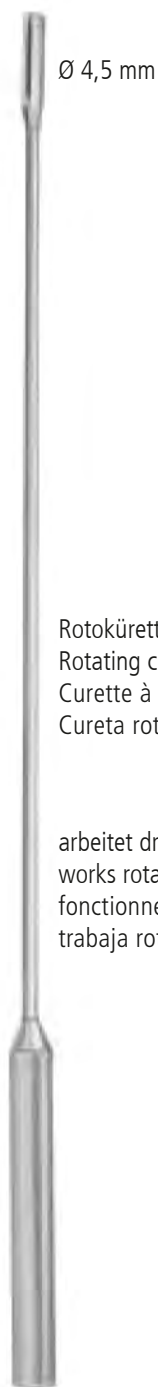
Biopsieküretten Biopsy Currettes Curettes pour biopsie Curetas para biopsia



Novak

23,0 cm/9" mm

Fig. 1	27116-1	1
Fig. 2	27116-2	2
Fig. 3	27116-3	3
Fig. 4	27116	4



Ø 4,5 mm

Rotokürette
Rotating curette
Curette à rotation
Cureta rotatoria

arbeitet drehend
works rotating
fonctionne avec rotation
trabaja rotatoria

Rotokürette

27120
30,0 cm/11¾"



1 mm

schmal
narrow
étroite
estrecha

Kevorkian

27121
30,0 cm/11¾"

Biopsieküretten
Biopsy Currettes
Curettes pour biopsie
Curetas para biopsia



SCHWERT
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Kevorkian

27122-1 2,5 mm

ohne Korb, eckig
without basket, angular
sans panier, angulaire
sin cesta, angular

Kevorkian

27122-2 2,2 mm

mit Korb, rund
with basket, round
avec panier, ronde
con cesta, redonda

Kevorkian-Young

27122-3 2,5 mm

mit Korb, eckig
with basket, angular
avec panier, angulaire
con cesta, angular

Kevorkian
30,0 cm/11¾"



Novak-Schoeckaert

27123

24,0 cm/9½"

Luer-Lock



SCHWERT
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Uterusküretten
Uterine Curettes
Curettes utérines
Curetas uterinas



Fig. 1 7,5 mm **Fig. 2** 8,5 mm **Fig. 3** 10 mm **Fig. 4** 11,5 mm **Fig. 5** 13,5 mm **Fig. 6** 14,5 mm

Thomas stumpf, biegsam, glatt
28,0 cm/11" blunt, malleable, smooth
mousse, malléable, lisse
mm roma, maleable, lisa

Fig. 1	7,5	26924-1
Fig. 2	8,5	26924-2
Fig. 3	10	26924-3
Fig. 4	11,5	26924-4
Fig. 5	13,5	26924-5
Fig. 6	14,5	26924-6



Sims 25,0 cm/10" **Fig. 1** 7,5 mm **Fig. 2** 8,5 mm **Fig. 3** 10 mm **Fig. 4** 11,5 mm **Fig. 5** 13,5 mm **Fig. 6** 14,5 mm

		scharf, biegsam	scharf, fest	stumpf, biegsam	stumpf, fest
		sharp, malleable	sharp, rigid	blunt, malleable	blunt, rigid
		tranchante, malléable	tranchante, rigide	mousse, malléable	mousse, rigide
	mm	cortante, maleable	cortante, rigida	roma, maleable	roma, rigida

Fig. 1	7,5	26935-A1	26934-A1	26935-B1	26934-B1
Fig. 2	8,5	26935-A2	26934-A2	26935-B2	26934-B2
Fig. 3	10	26935-A3	26934-A3	26935-B3	26934-B3
Fig. 4	11,5	26935-A4	26934-A4	26935-B4	26934-B4
Fig. 5	13,5	26935-A5	26934-A5	26935-B5	26934-B5
Fig. 6	14,5	26935-A6	26934-A6	26935-B6	26934-B6

Uterusküretten
Uterine Curettes
Curettes utérines
Curetas uterinas



SCHWERT
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Recamier
 31,0 cm/12¼"

	mm	scharf, biegsam sharp, malleable tranchante, malléable cortante, maleable	scharf, fest sharp, rigid tranchante, rigide cortante, rigida	stumpf, biegsam blunt, malleable mousse, malléable roma, maleable	stumpf, fest blunt, rigid mousse, rigide roma, rigida
Fig. 00	5	26955-A00	26954-A00	26955-B00	26954-B00
Fig. 0	6	26955-A0	26954-A0	26955-B0	26954-B0
Fig. 1	7	26955-A1	26954-A1	26955-B1	26954-B1
Fig. 2	8	26955-A2	26954-A2	26955-B2	26954-B2
Fig. 3	8	26955-A3	26954-A3	26955-B3	26954-B3
Fig. 4	11	26955-A4	26954-A4	26955-B4	26954-B4
Fig. 5	12	26955-A5	26954-A5	26955-B5	26954-B5
Fig. 6	14	26955-A6	26954-A6	26955-B6	26954-B6
Fig. 7	15	26955-A7	26954-A7	26955-B7	26954-B7
Fig. 8	16	26955-A8	26954-A8	26955-B8	26954-B8
Fig. 9	19	26955-A9	26954-A9	26955-B9	26954-B9
Fig. 10	20	26955-A10	26954-A10	26955-B10	26954-B10
Fig. 11	21	26955-A11	26954-A11	26955-B11	26954-B11
Fig. 12	23	26955-A12	26954-A12	26955-B12	26954-B12
Fig. 13	25	26955-A13	26954-A13	26955-B13	26954-B13
Fig. 14	30	26955-A14	26954-A14	26955-B14	26954-B14
Fig. 15	35	26955-A15	26954-A15	26955-B15	26954-B15
Fig. 16	40	26955-A16	26954-A16	26955-B16	26954-B16



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Uterusküretten
Uterine Curettes
Curettes utérines
Curetas uterinas



Fig. 0
16 mm

Fig. 1
18 mm

Fig. 2
19,5 mm

Fig. 3
21,5 mm

Fig. 4
13,5 mm

Fig. 5
26 mm

Fig. 6
28,5 mm



Bumm
28,0 cm/11"

		scharf, biegsam sharp, malleable tranchante, malléable mm cortante, maleable	stumpf, biegsam blunt, malleable mousse, malléable roma, maleable
Fig. 0	6	26961-A0	26961-B0
Fig. 1	7	26961-A1	26961-B1
Fig. 2	8	26961-A2	26961-B2
Fig. 3	9	26961-A3	26961-B3
Fig. 4	11	26961-A4	26961-B4
Fig. 5	12	26961-A5	26961-B5
Fig. 6	14	26961-A6	26961-B6

Uterusküretten
Uterine Curettes
Curettes utérines
Curetas uterinas



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doppel, scharf-stumpf
double, sharp-blunt
double, tranchante-mousse
doble, cortante-roma

Blake

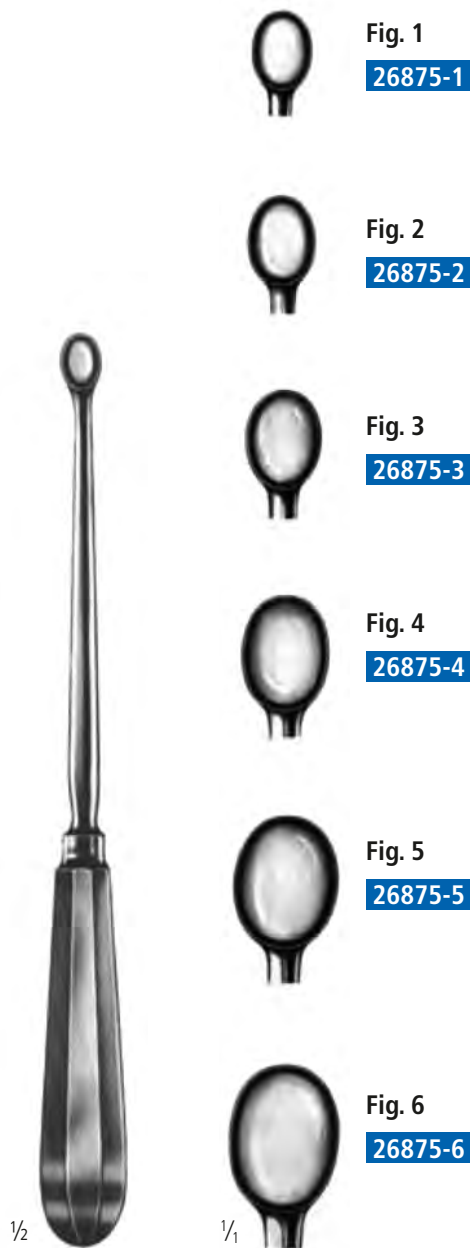
26970

27,0 cm/10½"

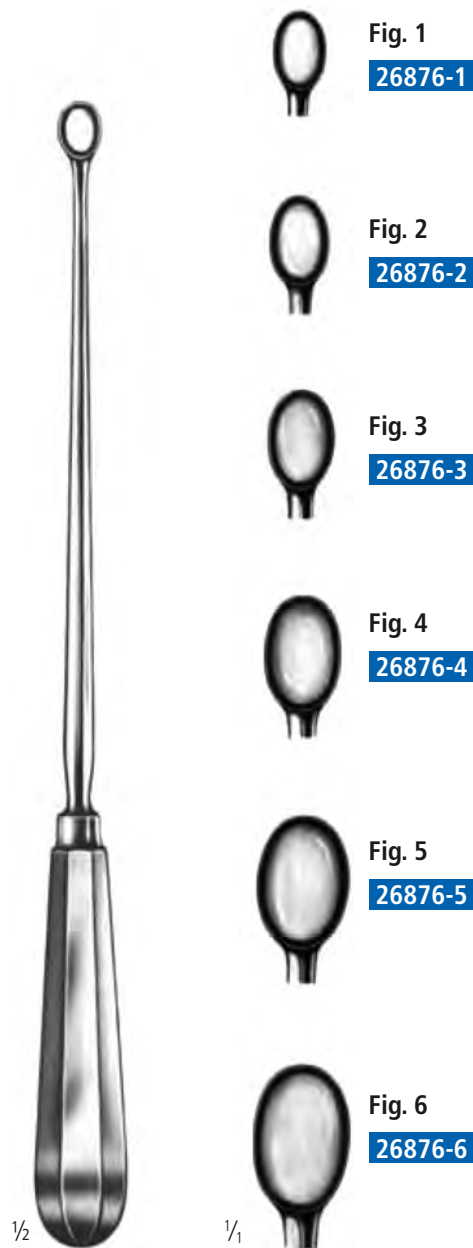


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**Uteruslöffel
Uterine Curettes
Curettes utérines
Curetas uterinas**



Simon
25,0 cm/10"
scharf, fest
sharp, rigid
tranchante, rigide
cortante, rigida



Schroeder
30,0 cm/12"
scharf, fest
sharp, rigid
tranchante, rigide
cortante, rigida

Beckenzirkel
Pelvimeters
Pelvimètres
Pelvimetros

Geburtszangen
Obstetrical Forceps
Forceps obstétriques
Forceps obstétricos



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Nur zur Vergleichsmessung
 Only for comparison measurement
 Pour une mesure comparative uniquement
 Sólo a efectos comparativos

Collin

27520

35,0 cm/13¾"



Martin

27524

34,0 cm/13½"



Naegele

27610-36 36,0 cm/14"

27610-39 40,0 cm/16"



Simpson-Braun

27626-30 30,0 cm/12"

27626-33 33,0 cm/13"

27626-36 36,0 cm/14"



Simpson-Luikart

27635 36,0 cm/14"





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Geburtszangen
Obstetrical Forceps
Forceps obstétriques
Forceps obstétricos



Piper

27641 44,0 cm/17¼"



Elliot

27642 38,0 cm/15"



Mc Lean-Tucker

27643 39,0 cm/15½"



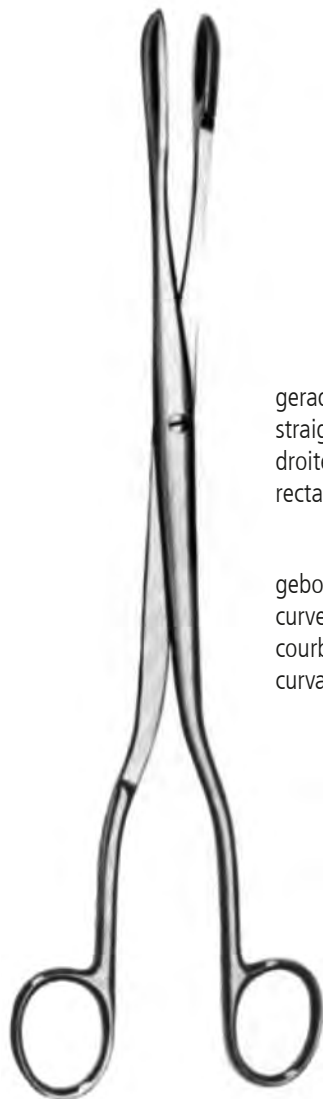
Kielland

27644 41,0 cm/16"

Plazenta- und Abortuszangen
 Placenta and Ovum Forceps
 Pincés placentaires
 Pinzas para aborto y placenta



SCHWERT
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Winter
 28,0 cm/11"

gerade
 straight
 droite
 recta

gebogen
 curved
 courbe
 curva



27888-1



27888-2

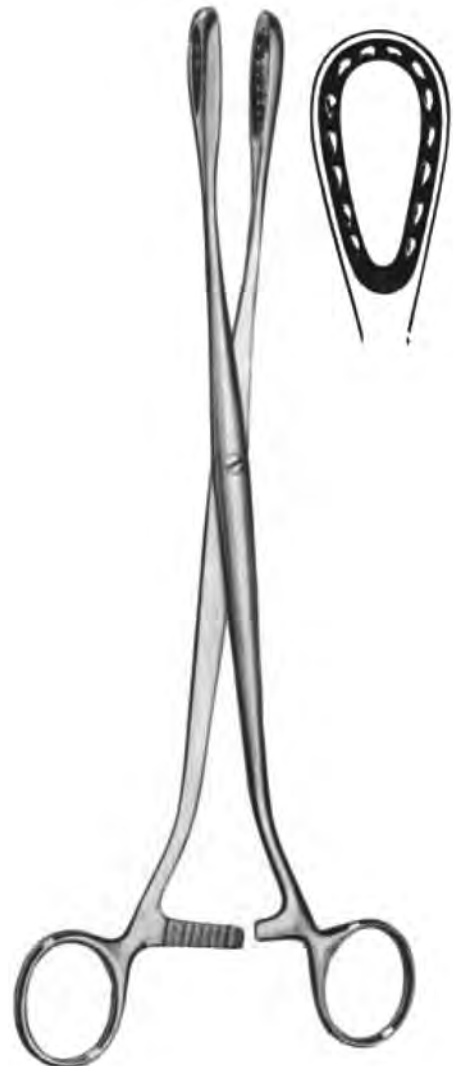


27888-3

27889-1

27889-2

27889-3



27880
 gerade
 straight
 droite
 recta

Saenger
 27,0 cm/7½"

27881
 gebogen
 curved
 courbe
 curva



Uterusklemmzange
Uterine Hemostasis Forceps
Pince-clamp utérine
Pinza-clamp uterina

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Green-Armytage

26468

21,0 cm/8¼"



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Verschiedene Nagelinstrumente Miscellaneous Nail Instruments Instruments divers pour les ongles Instrumentes diverses para las uñas





Haut- und Nagelinstrumente
Cuticle and Nail Instruments
Instruments à ongles et à envies
Instrumentos para uñas y cuticulares

SCHWERT
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29475 10,0 cm/4"
Hautzange
Cuticle Nippers
Pince à envies
Pinza para cuticulares



29476 10,5 cm/4¼"
Hautzange
Cuticle Nippers
Pince à envies
Pinza para cuticulares



29490 14,5 cm/5¾"
Pedicure-Zange
Nail Nippers
Pincés à ongles
Alicates corta-uñas



29491 14,5 cm/5¾"
Kopfschneider
Nail Nippers
Pincés à ongles
Alicates corta-uñas



29492 14,5 cm/5¾"
Nagelzange
Nail Nippers
Pincés à ongles
Alicates corta-uñas

Nagelinstrumente
Nail Instruments
Instrumentos à ongles
Instrumentos para uñas



SCHWERT
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29493 12,0 cm/4¾"

Nagelzange
 Nail Nippers
 Pincès à ongles
 Alicates corta-uñas



29495 12,0 cm/4¾"

29497 13,5 cm/5¼"

Nagelzange
 Nail Nippers
 Pincès à ongles
 Alicates corta-uñas



29498 13,0 cm/5"

Nagelzange
 Nail Nippers
 Pincès à ongles
 Alicates corta-uñas



Nagelschere
 Nail Scissors
 Ciseaux à ongles
 Tijeras para uñas

29487-9 9,0 cm/3½"

29487-10 10,5 cm/4½"

gebogen
 curved
 courbes
 curvas



Nagelschere
 Nail Scissors
 Ciseaux à ongles
 Tijeras para uñas

29488-9 9,0 cm/3½"

gebogen
 curved
 courbes
 curvas



SCHWERT
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Nagelinstrumente
Nail Instruments
Instruments à ongles
Instrumentos para uñas

Fingerringsägen
Finger Ring Saws
Scies pour bagues
Sierras para abrir anillos



15864 17,0 cm/6¾"

Fingerring-Säge
Finger Ring Saw
Scie pour bagues
Sierra para abrir anillos

15864-1

Sägeblatt
Saw blade
Lame de scie
Hoja de sierra



15865 16,0 cm/6¼"

Fingerring-Säge
Finger Ring Saw
Scie pour bagues
Sierra para abrir anillos

15865-1

Sägeblatt
Saw blade
Lame de scie
Hoja de sierra



15880 14,0 cm/5½"

Nagelausreibzange
Forceps for tearing out toe and finger nails
Pincés pour l'extraction des ongles
Pinzas para arrancar uñas



SCHWERT
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26954-B12	471	27116-1	468	27180-228	434	29820-65	70		
26954-B13	471	27116-2	468	27180-235	434	29820-165	70		
26954-B14	471	27116-3	468	27180-242	434	29820-170	70		
26954-B15	471	27120	468	27182-1	464	29820-265	70		
26954-B16	471	27121	468	27182-2	464	29821-44	70		
26955-A00	471	27122-1	469	27190-1	464	29821-50	70		
26955-A0	471	27122-2	469	27190-2	464	29821-65	70		
26955-A1	471	27122-3	469	27194	464	29821-165	70		
26955-A2	471	27123	469	27195	464	29821-170	70		
26955-A3	471	27125	459	27220-1	436	29821-265	70		
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26955-B12	471	27133-6	463	27889-1	477				
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- Als sichere Sterilisiermethode empfehlen wir ausschließlich Dampfsterilisation, jede andere Methode wendet der Arzt auf eigene Verantwortung an. Bei Heißluftsterilisation darauf achten, dass 180°C nicht überschritten werden, da sonst mit nicht mehr entfernbaren Verfärbungen und Härteabfall der Instrumente gerechnet werden muss.
- Für die Desinfektion, Reinigung und Sterilisation der Instrumente beachten Sie bitte die Hinweise in der aktuellen Broschüre „Instrumenten-Aufbereitung richtig gemacht“. (www.a-k-i.org)

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- Comme méthode de stérilisation fiable, nous recommandons seulement autoclave. Toute autre méthode est appliquée à la seule responsabilité du docteur. En cas de stérilisation à l'air chaud la température ne doit pas passer 180°C, parce que une température plus haute peut provoquer un changement de couleur et même une réduction de dureté de l'instrument.
- Pour la désinfection, nettoyage et stérilisation des instruments, veuillez considérer les indications dans la brochure actuelle « Le traitement correct des instruments de chirurgie. » (www.a-k-i.org)

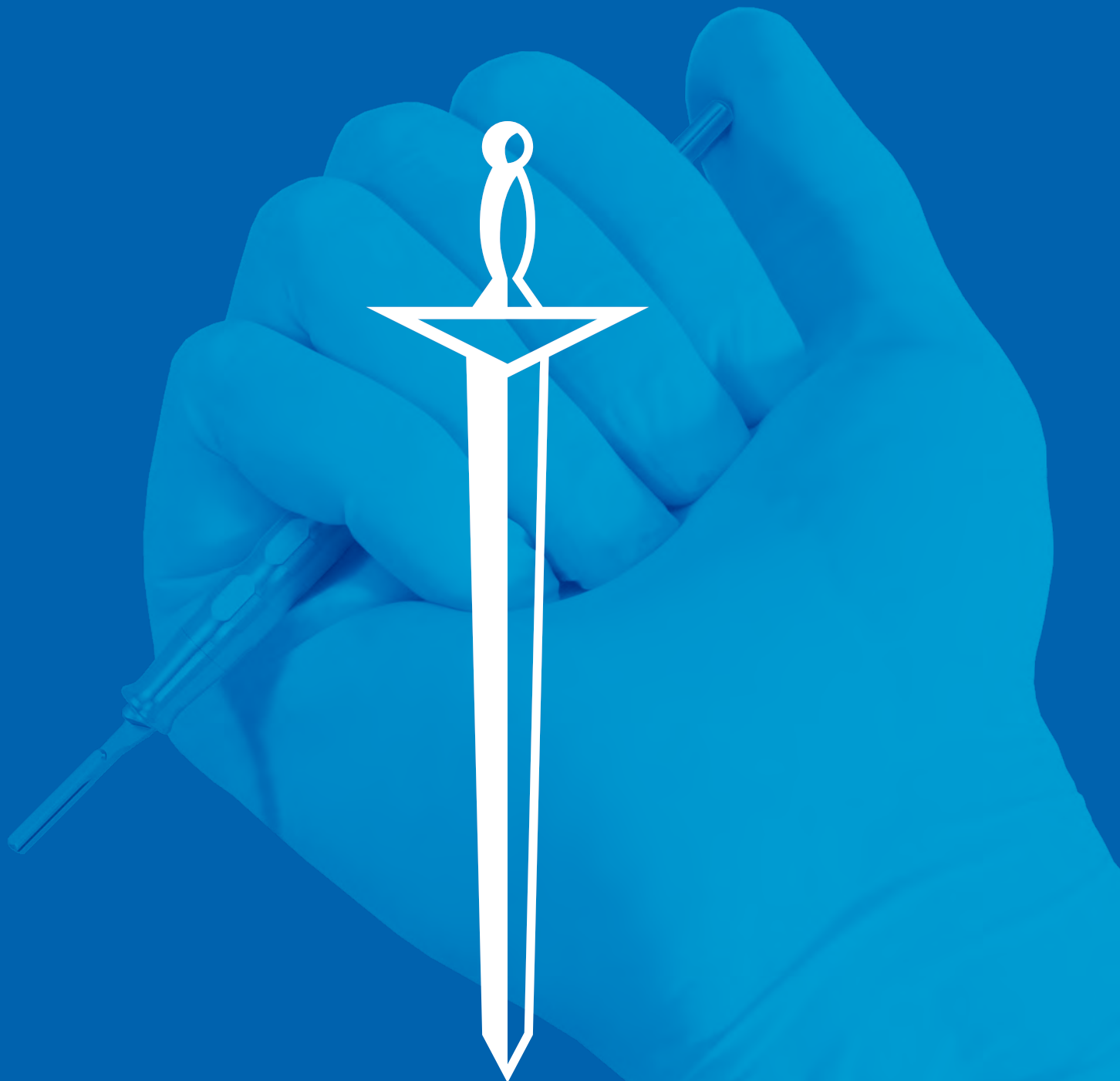
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- As safe sterilisation method we recommend only autoclaving, every other method is applied exclusively at the doctor's responsibility. If hot air sterilisation is used, make sure that temperature does not exceed 180°C, because a higher temperature can lead to non-removable discolorations and a loss in hardness of the instruments.
- For disinfection, cleaning and sterilization of the instruments please pay attention to the references in the current brochure "Proper maintenance of instruments". (www.a-k-i.org)

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- Como método seguro de esterilización únicamente recomendamos el autoclave, cualquier otro método aplicado será bajo la responsabilidad del doctor. En caso de esterilización con aire caliente, la temperatura no debe exceder de 180°, porque una temperatura más alta puede provocar decoloraciones y una reducción de la dureza del instrumento.
- Para la desinfección, limpieza y esterilización de los instrumentos por favor preste atención al apartado "El método correcto para el tratamiento de instrumentos." en el folleto actual. (www.a-k-i.org)





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**Hersteller zahnärztlicher und chirurgischer Instrumente
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Tuttlinger Straße 12 · 78606 Seitingen-Oberflacht · Germany
Tel.: +49 7464 98910-700 · Fax: +49 7464 98910-719
contact@schwert.com · www.schwert.com

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