Surgical & Dental
Instruments

cGMP ISO 9001 CE

We Care For Your
Health

Surgical Instruments Catalogue








Concise Enterprises

www.concise.com.pk

" (Profile) CONCISE ENTERPRISES "



Concise Enterprise was established in 1958 as a manufacturers of Surgical, Dental, T.C., Manicure, Pedicure, Veterinary, Orthodontics, hollow-wear, Ophthalmic / Eye Instruments wide range of scissors and pliers. **Concise Enterprises** is certified with quality management system ISO 9001:2000, ISO 13485:2003, EN 46002, CE Mark, cGMP (F.D.A. USA) approved.

Please contact for more details (info@concise.com.pk) Thanks.

Concise Enterprises provides you a new cooperation to your benefits.

Quality policy:-

- *Concise is Working for Customer satisfaction*
- *Customer Confidence*
- *Produce cost effective quality products*
- *Doing things right at first time.*

Concise enterprises, the name of ergonomics, long-lasting quality and steady progress in Surgical, Dental, T.C., Orthodontic, Eye Instruments, Manicure, Pedicure and Scissors field. Like the partner that is behind you. For only if you do better, we all do better.

Founder:- Mr. Mohammad Yousaf (Late).

He devoted his whole life to serve the world in surgical / dental field. Following the footsteps of their fore-fathers, they have engaged themselves in the manufacturing instruments of made of Stainless Steel. The experience and knowledge transferred from the fore-fathers to fonder count to be the back bone of excellent quality **CONCISE** products.

Organizational Structure :-

CONCISE ENTERPRISES

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CONCISE Med & Beauty Intl USA Office :-(infoconcise@gmail.com **)**

Our Branch office in Italy Provide you also all kinds of facilities.

We are trying our best to provide you the best service and atmosphere to do business. Today, **Concise Enterprises** well known throughout Europe, USA, Canada, Australia, Middle East, Latin America and around the world. For its workmanship, competitive prices, and prompt services. **Concise** is equipped wit modern facilities to manufacture instruments according to needs of its valued customer.



Concise Enterprises is thankful to all of its worthy customers for their trust and for their appreciation of quality and services **Concise** provide them.



Aly
10-01000-17
17cm/6¾"



Wartenberg
10-01004-19
19cm/7½"



Weber
10-01008-09
9cm/3½"



wood

Pinard
10-01012-18
18cm/7"



aluminium

Pinard
10-01016-15
15cm/6"



Chest piece only
10-01020-01

Ford
10-01020-00



Chest piece only
10-01024-01

Dual
10-01024-00



Buck
10-01028-18
18cm/7"



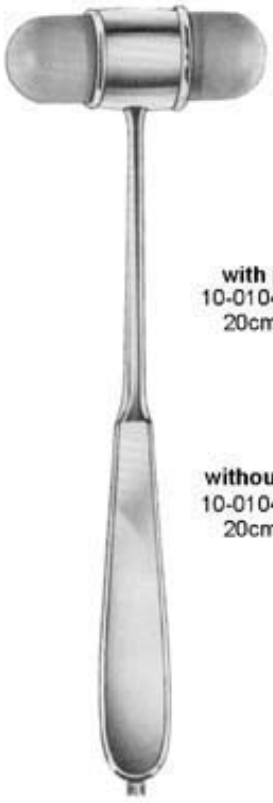
Buck
10-01032-18
18cm/7"



Troemner
10-01036-24
24cm/9½"



Taylor
10-01040-16 16cm/6½"
10-01040-18 18cm/7"
10-01040-20 20cm/8"



with pin
10-01044-20
20cm/8"

without pin
10-01046-20
20cm/8"

Dejerine
20cm/8"



Berliner
10-01050-20
20cm/8"



Traube
10-01054-16
16 cm/6¼ "



Troemner
10-01058-21
21cm/8¼"



Divers-Duoflex
10-01062-22
22 cm/8¾"



Babinsky
10-01066-22 22 cm/8¾"
10-01066-25 25 cm/10"



Rabiner
10-01068-23
23 cm/9¼"



National Hospital
10-01070-33
33 cm/13"



Queen Sqaure
10-01074-26
26 cm/10¼"



10-01078-00



10-01082-00



10-01086-00



Jansen
10-01092-00



Collin

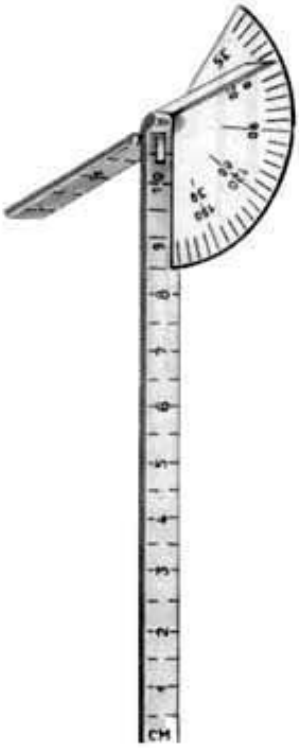
for children 10-01096-01

for adults 10-01096-02

Goniometer



Moltgen
10-01100-00



Caroll
10-01104-14
14cm/5½"



Townley
10-01108-10
10cm/4"



Standard (Nelson)

Ømm	11cm/4½"
3.0	11-01112-30
3.5	11-01112-35
4.0	11-01112-40
4.5	11-01112-45
5.0	11-01112-50
5.5	11-01112-55
6.0	11-01112-60



Standard (Nelson)

Ømm	12cm/4¾"
3.0	11-01116-30
3.5	11-01116-35
4.0	11-01116-40
4.5	11-01116-45
5.0	11-01116-50
5.5	11-01116-55
6.0	11-01116-60



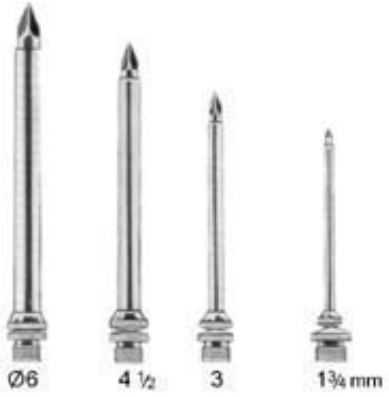
Standard (Nelson)

Ømm	12cm/4¾"
3.0	11-01120-30
3.5	11-01120-35
4.0	11-01120-40
4.5	11-01120-45
5.0	11-01120-50
5.5	11-01120-55
6.0	11-01120-60



Universal

11-01124-03 =3 Set of 3
11-01124-04 =4 Set of 4





Universal

11-01128-03 =3 Set of 3
11-01128-04 =4 Set of 4

Ø 2 mm



Landau
11-01132-16
16cm/6¼"

Ø 2 mm



Landau
11-01136-19
19cm/7½"

Ø13.5mm



Pean
11-01140-16
16cm/6¼"

Ø 8 mm



Buelau
11-01144-24
24cm/9½"



Nelson

Ø mm	21cm/8¼"
7.5	11-01148-07
9.0	11-01148-09
10.5	11-01148-10
12.0	11-01148-12



Ochsner

Ø mm	14.5cm/5½"
4.0	11-01152-40
4.6	11-01152-46
5.5	11-01152-55
6.5	11-01152-65

Ø5.5 mm



Krause
11-01156-15
15cm/6"

Ø2.25 mm



Coakley
11-01160-16
16cm/6¼"

Ø1.8 mm



Lichtwitz
11-01164-19
19cm/7½"

Ø3 mm



Douglas
11-01168-11
11.5 cm/4½"



11-01172-11
11.5 cm/4½"



Pierce

Ø mm	
3.0	11-01176-03
4.0	11-01176-04
5.0	11-01176-05



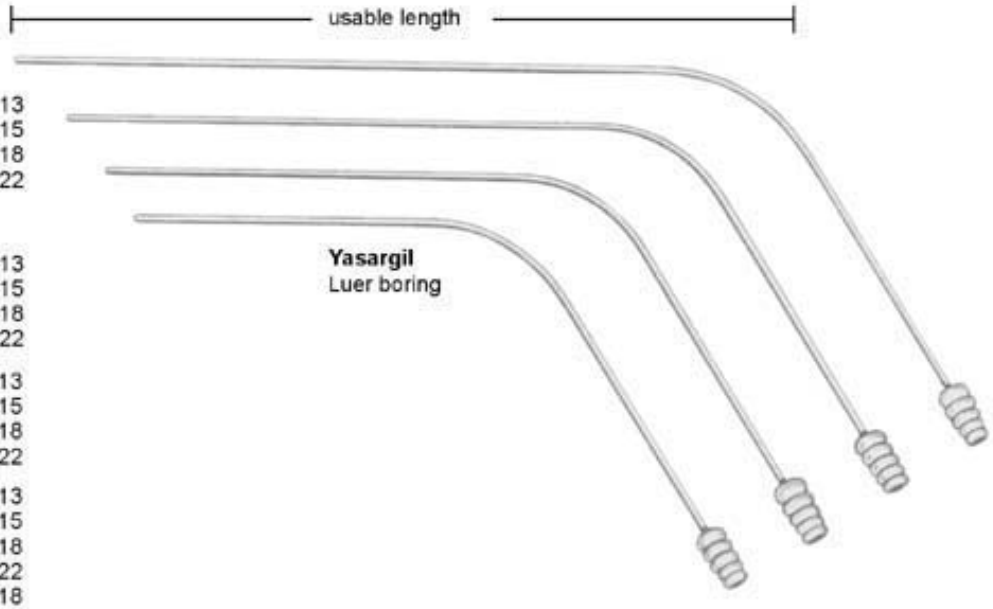
Frazier

Ø mm	Charr./Fr.	
2	6	12-01180-06
2 ⅓	7	12-01180-07
2⅔	8	12-01180-08
3	9	12-01180-09
3 ⅓	10	12-01180-10
3⅔	11	12-01180-11
4	12	12-01180-12
5	15	12-01180-15



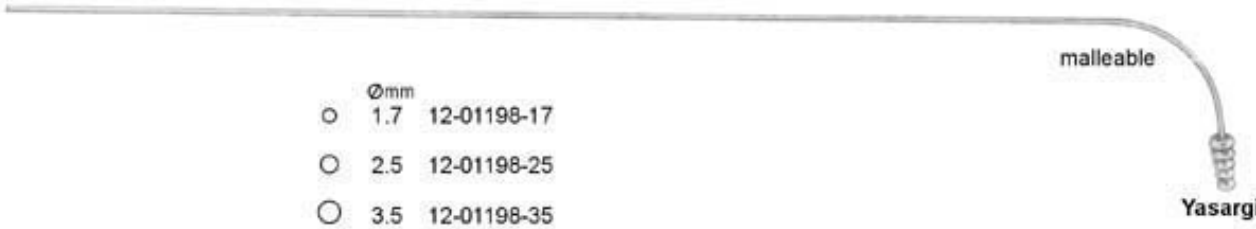
Ferguson

Ø mm	Charr./Fr.	
2	6	12-01184-06
2 ⅓	7	12-01184-07
2⅔	8	12-01184-08
3	9	12-01184-09
3 ⅓	10	12-01184-10
3⅔	11	12-01184-11
4	12	12-01184-12



Yasargil
Luer boring

usable length cm	Ø mm diam	
13	1.5	12-01192-13
15	1.5	12-01192-15
18	1.5	12-01192-18
22	1.5	12-01192-22
13	2.0	12-01193-13
15	2.0	12-01193-15
18	2.0	12-01193-18
22	2.0	12-01193-22
13	2.5	12-01194-13
15	2.5	12-01194-15
18	2.5	12-01194-18
22	2.5	12-01194-22
13	3.5	12-01195-13
15	3.5	12-01195-15
18	3.5	12-01195-18
22	3.5	12-01195-22
18	4.5	12-01196-18



	Ø mm	
○	1.7	12-01198-17
○	2.5	12-01198-25
○	3.5	12-01198-35

Yasargil

Brain Suction Tubes



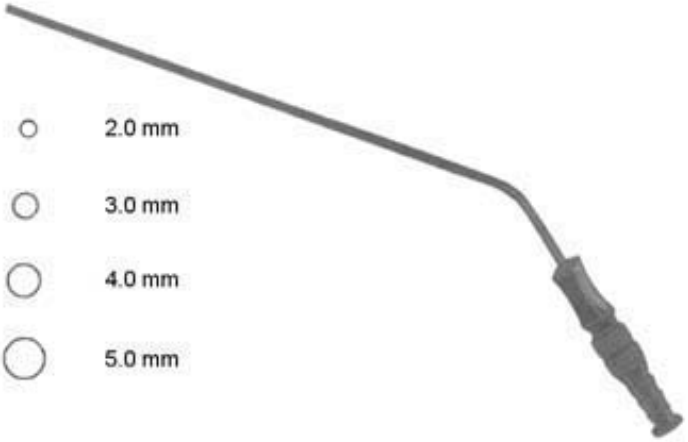
∅	Frazier
2.0 mm	12-01202-20
2.5 mm	12-01202-25
3.0 mm	12-01202-30
	13cm/5"



∅	Plester
1.5 mm	12-01206-15
2.0 mm	12-01206-20
2.5 mm	12-01206-25
3.0 mm	12-01206-30
	19.5cm/7¾"



Adson
12-01210-02
21cm/8¼"
∅4 mm



○ 2.0 mm
○ 3.0 mm
○ 4.0 mm
○ 5.0 mm

∅	malleable, black
2 mm	12-01214-02
3 mm	12-01214-03
4 mm	12-01214-04
5 mm	12-01214-05
	19.5cm/7¾"



Yankauer
12-01218-27
27cm/10½"



with stopcock

Yankauer
12-01219-27
27cm/10½"



Yankauer
12-01220-01



Fig. 0
12-01220-10



Fig. 1
12-01220-11



Fig. 2
12-01220-12



Fig. 3
12-01220-13

12-01220-50 SET

Ø 6 mm
round



Nuboer
12-01224-01
21cm/8¼"

6 mm
ovale

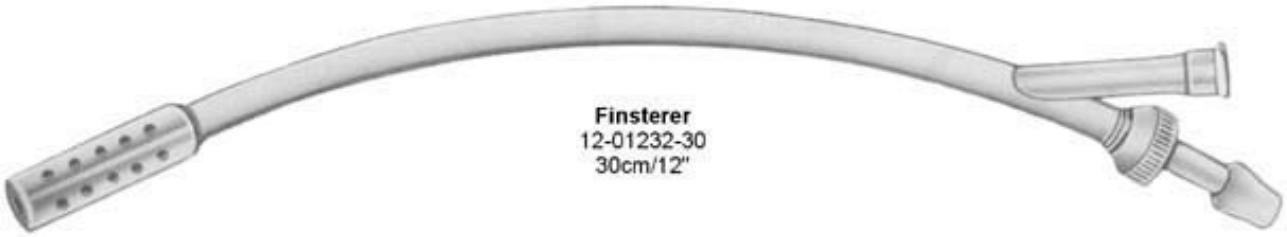


Nuboer
12-01224-02
21cm/8¼"

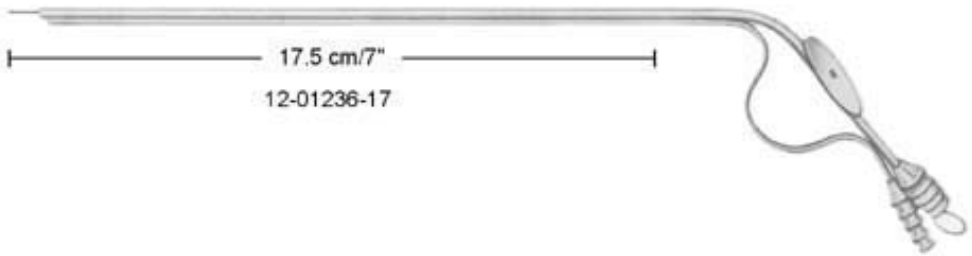
Ø 6 mm



Andrew-Pynchon
12-01228-23
23 cm/9"



Finsterer
12-01232-30
30cm/12"



12-01236-17



Baby-Poole
12-01240-20
20cm/8"



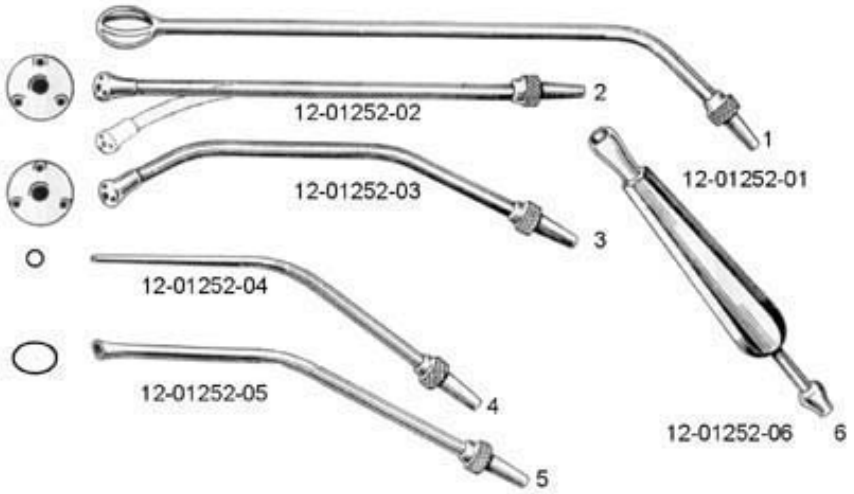
Poole
12-01240-22
22cm/8¾"



Poole
12-01244-22
22cm/8¾"



Yankauer
12-01248-34
34.5cm/13½"



Yankauer universal
Complete Set
12-01252-60



Magill
12-01256-01=20cm/8"
12-01256-02=20cm/8"
12-01256-03=20cm/8"



Millin
12-01262-30
30cm/12"



Simpson-Smith
12-01266-00



Schimmelbusch
12-01272-01 Child
12-01272-02 Adult



Magill
12-01280-15 15 cm/6" Infant
12-01280-20 20 cm/8" Child
12-01280-25 25 cm/10" Adult



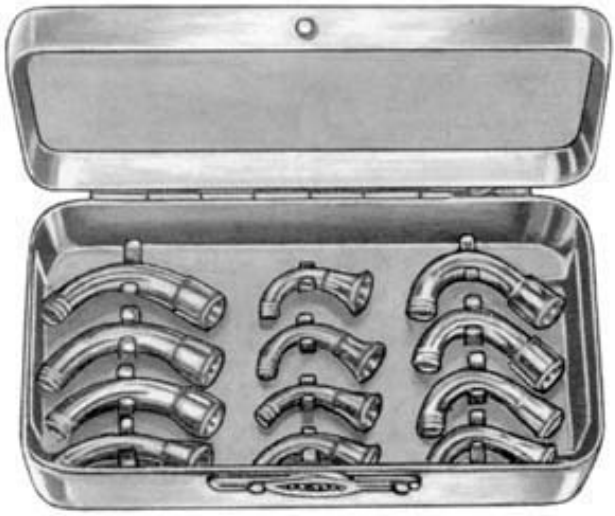
Yankauer
12-01276-01 Child
12-01276-02 Adult



Connel
12-01284-01 Child
12-01284-02 Adult



Lumbard-Mayo
12-01288-01 12-01288-02 12-01288-03



Magill
Connection Set
12-01292-00



Magill (Nasal)

	mm dia
12-01292-01	5.5
12-01292-02	6.5
12-01292-03	7.5
12-01292-04	8.0
12-01292-05	8.5
12-01292-06	9.5
12-01292-07	10.0
12-01292-08	10.5

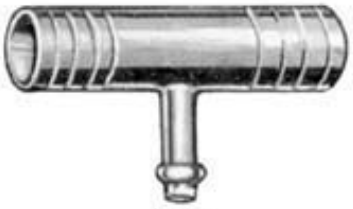


Magill (Aural)

	mm dia
12-01296-01	5.5
12-01296-02	6.5
12-01296-03	7.5
12-01296-04	8.0
12-01296-05	8.5
12-01296-06	9.5
12-01296-07	10.0
12-01296-08	10.5



Cobb
12-01300-01 Small
12-01300-02 Medium
12-01300-03 Large



Ayre
12-01304-01 Small
12-01304-02 Medium
12-01304-03 Large



Hamilton Bailey
12-01308-01 Infant
12-01308-02 Child
12-01308-03 Adult



Mitchell
12-01312-18
12-01312-20
38 mm



McIntosh
12-01316-30
12-01316-40

12-01316-30
Laryngoscope Set
Consisting of:
12-01332-00 Battery Handle (without batteries)
12-01316-11 McIntosh blade, Fig 1
12-01316-12 ditto, Fig 2
12-01316-13 ditto, Fig 3

12-01316-40
Laryngoscope Set
Consisting of:
12-01332-00 Battery Handle (without batteries)
12-01316-11 McIntosh blade, Fig 1
12-01316-12 McIntosh blade, Fig 2
12-01316-13 McIntosh blade, Fig 3
12-01316-14 McIntosh blade, Fig 4



12-01316-10



12-01316-11



12-01316-12



12-01316-13



12-01316-14

McIntosh Laryngoscope Blades
12-01316-10 Fig 0, Working length 55mm, baby's
12-01316-11 Fig 1, Working length 75mm, children's
12-01316-12 Fig 2, Working length 90mm, adolescent's
12-01316-13 Fig 3, Working length 110mm, women's
12-01316-14 Fig 4, Working length 135mm, men's



Guedel-Negus
12-01320-30
12-01320-40

12-01320-30
Laryngoscope Set
Consisting of:
12-01332-00 Battery Handle (without batteries)
12-01320-12 Guedel-Negus Blade, Fig 2
12-01320-13 ditto, Fig 3
12-01320-14 ditto, Fig 4

12-01320-40
Laryngoscope Set
Consisting of:
12-01332-00 Battery Handle (without batteries)
12-01320-11 Guedel-Negus Blade, Fig 1
12-01320-12 Guedel-Negus Blade, Fig 2
12-01320-13 Guedel-Negus Blade, Fig 3
12-01320-14 Guedel-Negus Blade, Fig 4



12-01320-11



12-01320-12



12-01320-13



12-01320-14

Guedel Laryngoscope Blades
12-01320-11 Fig 1, working length 70mm, children's
12-01320-12 Fig 2, working length 90mm, adolescent's
12-01320-13 Fig 3, working length 110mm, women's
12-01320-14 Fig 4, working length 135mm, men's



Foregger
12-01324-30
12-01324-40

12-01324-30
Laryngoscope Set
Consisting of:
12-01332-00 Battery Handle (without batteries)
12-01324-12 Foregger Blade, Fig 2
12-01324-13 ditto, Fig 3
12-01324-14 ditto, Fig 4

12-01324-40
Laryngoscope Set
Consisting of:
12-01324-00 Battery Handle (Without batteries)
12-01324-11 Foregger Blade, Fig 1
12-01324-12 Foregger Blade, Fig 2
12-01324-13 Foregger Blade, Fig 3
12-01324-14 Foregger Blade, Fig 4



12-01324-11



12-01324-12



12-01324-13



12-01324-14

Foregger Laryngoscope Blade,
12-01324-11 Fig 1, working length 70mm, children's
12-01324-12 Fig 2, working length 90mm, adolescent's
12-01324-13 Fig 3, working length 110mm, women's
12-01324-14 Fig 4, working length 135mm, men's



Working length 55 mm
12-01328-10

Working length 80 mm
12-01328-11

12-01328-20
Laryngoscope Set, Baby and Infant,
consisting of :
12-01332-00 Battery Handle (without battery)
12-01328-10 Miller-baby blade, Fig 0
working length 55 mm
12-01328-11 ditto, Fig 1 working length 80 mm

Miller-Baby
12-01328-20



32 mm dia
12-01332-00



28 mm dia
12-01336-00



18 mm dia
12-01340-00



Negus
18 mm dia
12-01344-00



No. 3

13-01348-03



No. 3

13-01352-03



No. 4

13-01356-04



No. 4

13-01360-04



No. 7

13-01364-07



No. 7k

13-01368-17



No. 8

13-01372-08



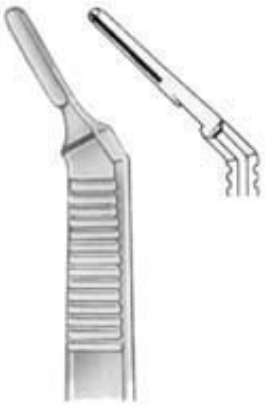
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13-01376-09

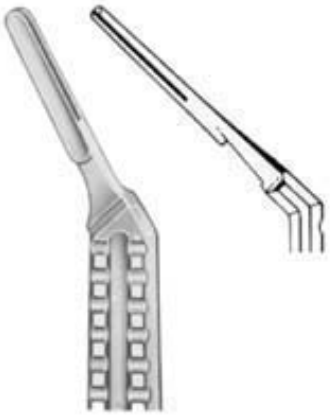


double handle
number 3 + number 4

13-01380-34



3L
13-01384-13



4L
13-01388-14



No. 3L
13-01392-03



No. 4L
13-01396-04



No. 5
13-01400-05
15cm/6"



No. 5A
13-01404-15
15cm/6"



13-1408-01
21cm/8¼"



13-01408-03



17cm/6¾"



Fig. 1
13-01412-01



Fig. 2
13-01412-02



Fig. 3
13-01412-03



Fig. 4
13-01412-04



Fig. 5
13-01412-05



Fig. 6
13-01412-06



Fig. 7
13-01412-07



Fig. 8
13-01412-08



Fig. 9
13-01412-09



Fig. 10
13-01412-10



Fig. 1
13-01416-01



Fig. 2
13-01416-02



Fig. 3
13-01416-03



Fig. 4
13-01416-04



Fig. 5
13-01416-05



Fig. 6
13-01416-06



Fig. 7
13-01416-07



Fig. 8
13-01416-08



Fig. 9
13-01416-09



17cm/6¾"



Fig. 10
13-01416-10



Fig. 11
13-01416-11



Fig. 12
13-01416-12



Fig. 13
13-01416-13



Fig. 14
13-01416-14



Fig. 15
13-01416-15



Fig. 16
13-01416-16



Fig. 18
13-01416-18



Fig. 27
13-01416-27



Fig. 38
13-01416-38



Fig. 40
13-01416-40



Fig. 46
13-01416-46



Fig. 61
13-01416-61



Fig. 63
13-01416-63



Dieffenbach
17cm/6¾"



Fig. 1
13-01420-01



Fig. 2
13-01420-02



Fig. 3
13-01420-03



Fig. 4
13-01420-04



Fig. 5
13-01420-05



Fig. 6
13-01420-06



Fig. 7
13-01420-07



Fig. 8
13-01420-08



Fig. 9
13-01420-09



Fig. 15
13-01420-15



Fig. 16
13-01420-16



Fig. 1

Bergmann
13-01424-01
14.5cm/5¾"



Fig. 2
13-01424-02



Fig. 3
13-01424-03



Fig. 4
13-01424-04



Dieffenbach
13cm/5¼"



Fig. 1
13-01428-01



Fig. 2
13-01428-02



Fig. 3
13-01428-03



Fig. 4
13-01428-04



Fig. 5
13-01428-05



Fig. 6
13-01428-06



Fig. 7
13-01428-07



Fig. 8
13-01428-08



Fig. 9
13-01428-09



Fig. 10
13-01428-10



Fig. 11
13-01428-11



Fig. 12
13-01428-12



Simon
20cm/8"



Fig. 1
13-01432-01



Fig. 2
13-01432-02



Fig. 3
13-01432-03



Fig. 4
13-01432-04



Ulrich
22.5 cm/9"



Fig. 1
13-01436-01



Fig. 2
13-01436-02



Fig. 3
13-01436-03



Simon
23.5 cm/9¼ "



Fig. 1
13-01440-01



Fig. 2
13-01440-02



Fig. 3
13-01440-03



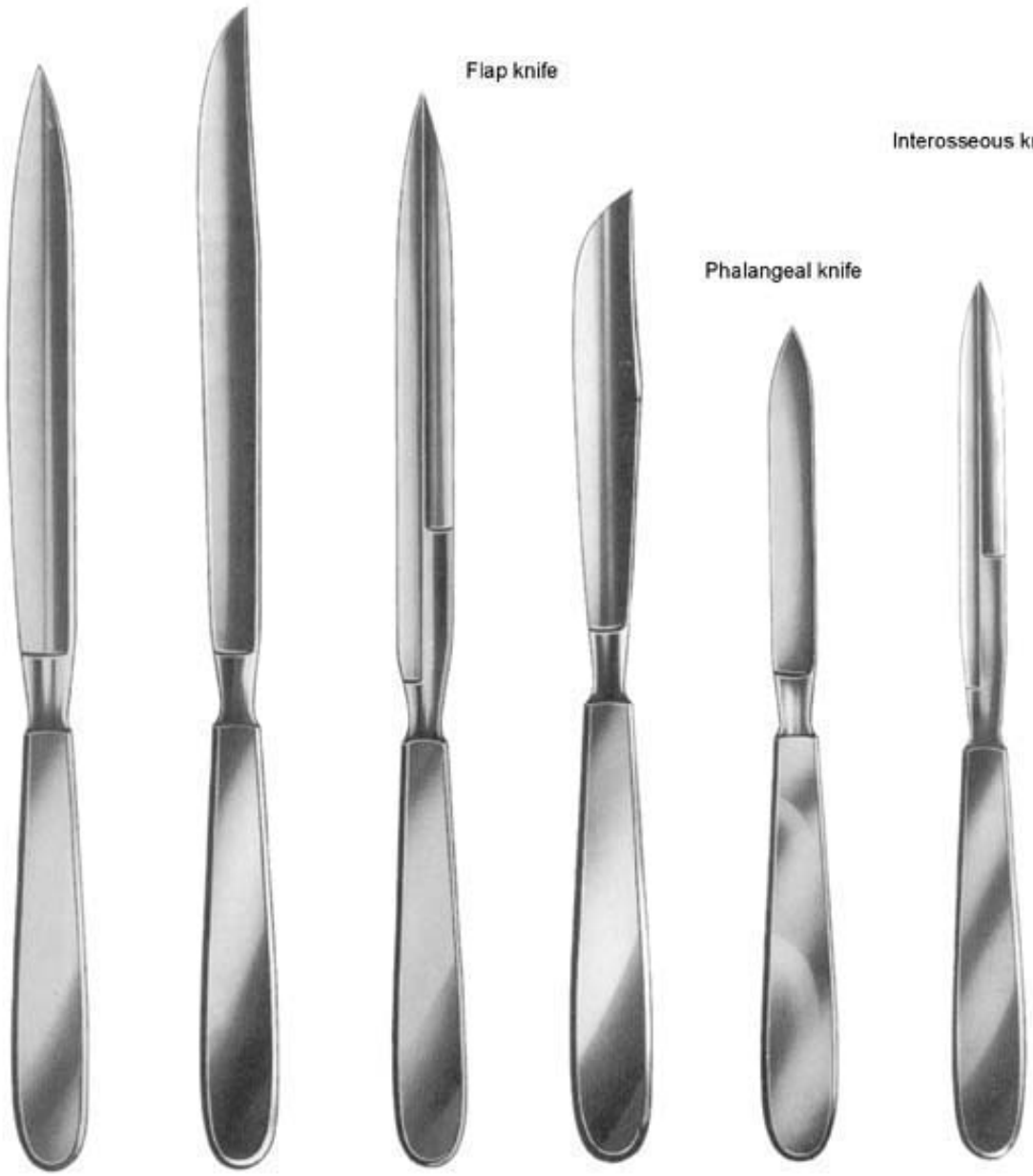
Fig. 4
13-01440-04



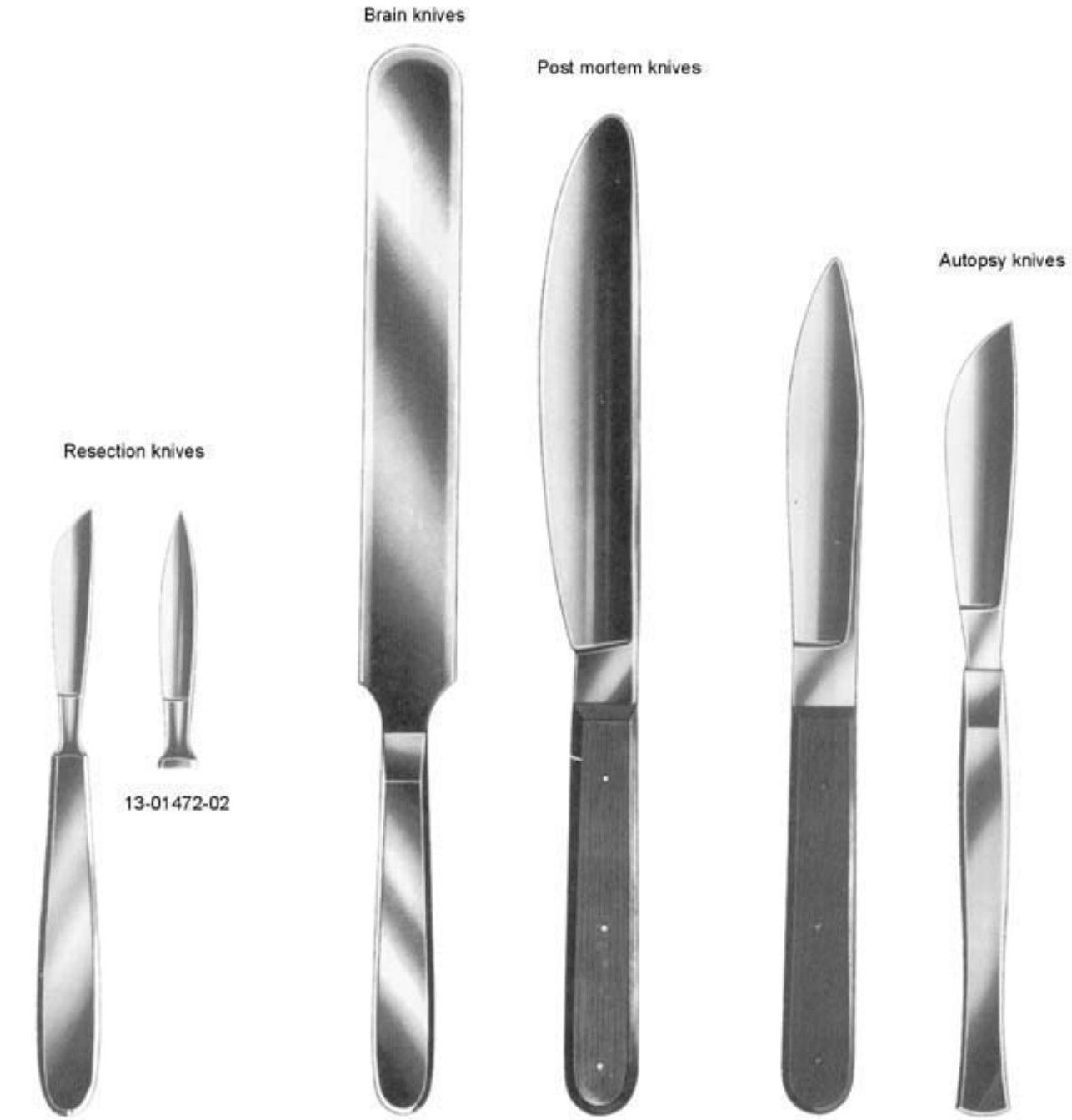
13-01444-01
7.5 cm/3"



13-01444-02
8 cm/3¼"



Length of blades cm	in	Liston		Catlin	Langenbeck		
9.5	3¾					13-01464-09	
11.0	4½						13-01468-11
12.0	4¾				13-01460-12		
13.0	5	13-01448-13					
15.0	6						
16.0	6¼	13-01448-16		13-01456-16			
17.0	6¾		13-01452-17				
19.0	7½	13-01448-19		13-01456-19			
20.0	8		13-01452-20				
22.0	8¾	13-01448-22		13-01456-22			



Langenbeck
13-01472-01
18 cm/7"

Virchow

Length of blades

8.5 cm/3½"				13-01488-08
11.0 cm/4½"		13-01480-11	13-01484-11	
14.0 cm/5½"		13-01480-14		
16.0 cm/6¼"	13-01476-16			
17.0 cm/6¾"		13-01480-17		
20.0 cm/8"	13-01476-20			
24.0 cm/9½"	13-01476-24			

Autopsy knives
Length of blades
19.5cm/7¾"

Length of blades
9.5cm/3¾"





Cartilage knives

Wooden handle



Metal handle



Virchow
13-01492-09

13-01496-19

13-01500-01

13-01504-01



Troutman-Chris
13-01508-09
9cm/3½"



Troutman-Chris
13-01509-09
9cm/3½"



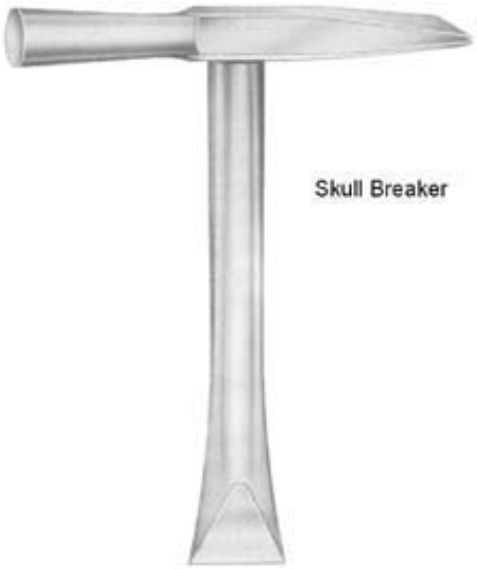
13-01512-11
11cm/4½"



Castroviejo
13-01516-13
13cm/5¼"



13-01520-18
18cm/7"



Skull Breaker

13-01524-14
14 cm/5½"



Rachiotome

13-01528-22
22 cm/8¾"



Osteotome

13-01532-13
13 cm/5"



Brunetti
13-01536-28

Brunetti
13-01537-28

28.5 cm/11¼"

Muscle hooks



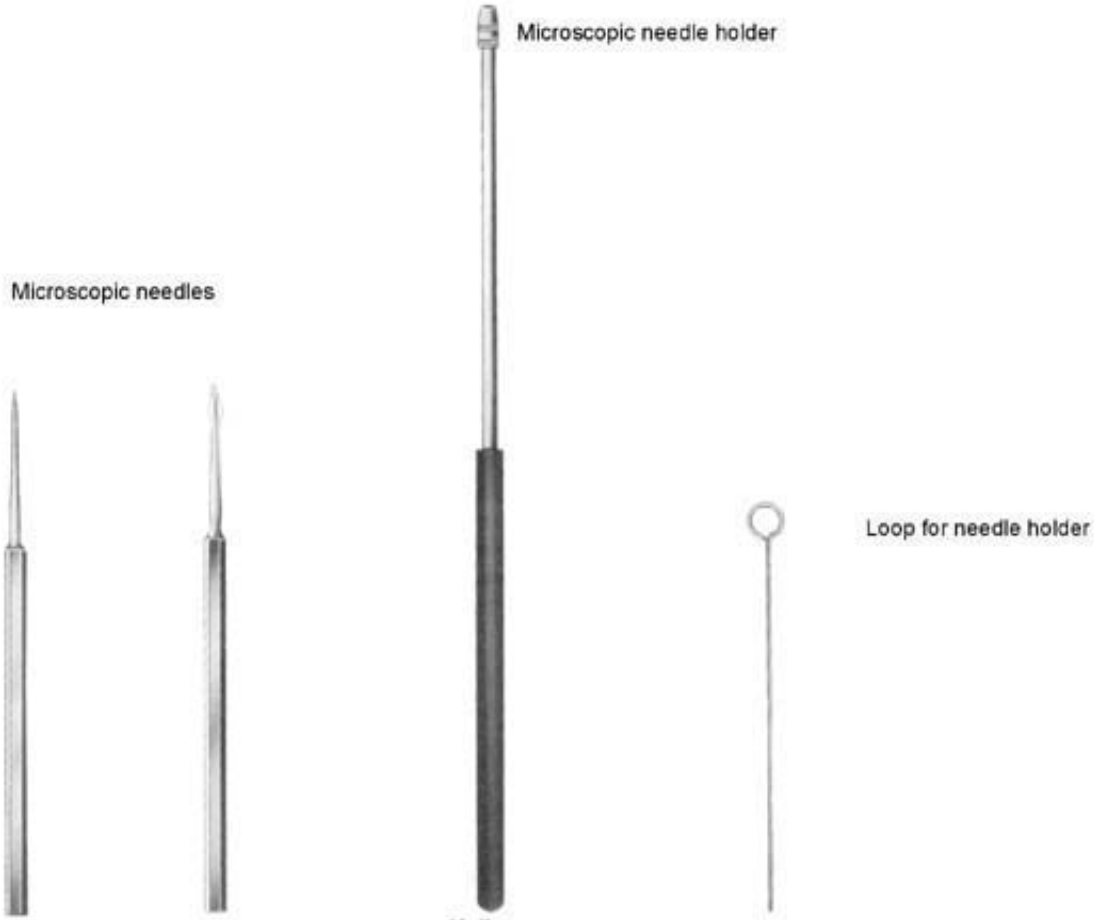
13-01540-06
6.5 cm/2½"



13-01544-07
7 cm/2¾"



13-01548-01



13-01552-13
13 cm/5"

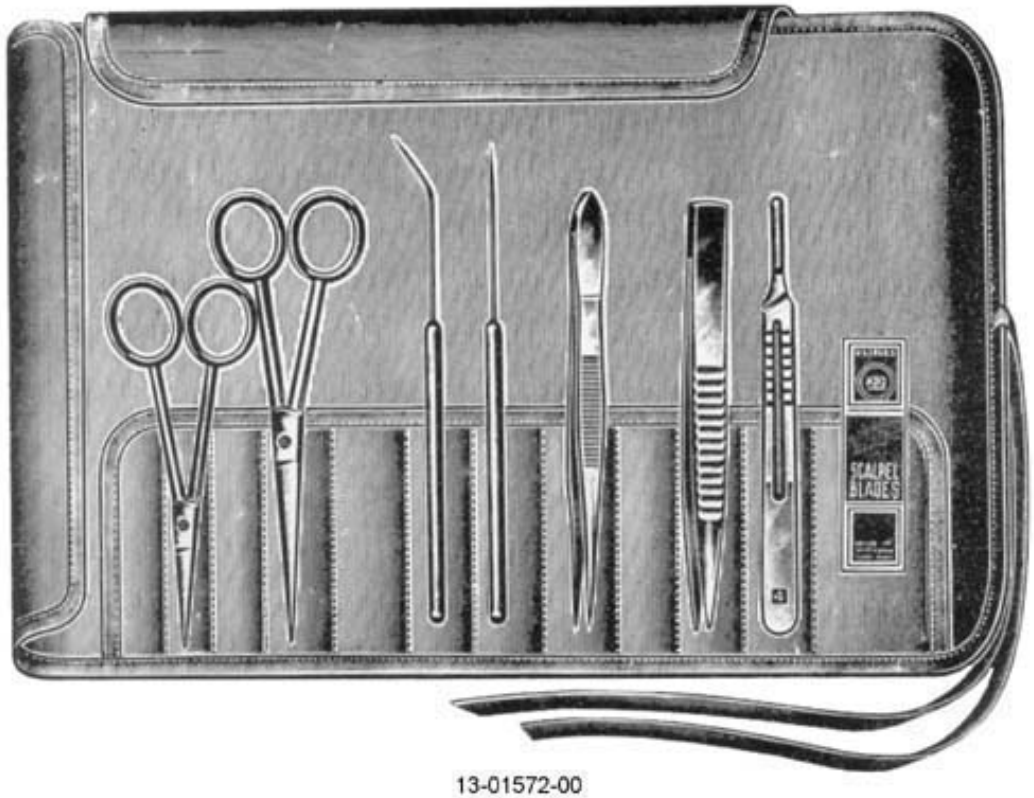
13-01556-13
13 cm/5"

Kolle
13-01560-24
24 cm/ 9½"

13-01564-06
6 cm/2 ¼"

Post mortem needles





13-01572-00



13-01576-00

Saw Edge



Straight	Curved
14-01580-14	14-01581-14
14.5cm/5¾"	



Mayo

Straight		Curved
14-01584-14	14.5cm/5¾"	14-01585-14
14-01584-17	17.0cm/6¾"	14-01585-17
14-01584-23	23.0cm/9"	14-01585-23



Mayo-Stille

Straight		Curved
14-01588-15	15.0cm/6"	14-01589-15
14-01588-17	17.0cm/6¾"	14-01589-17



Lexer

Straight	Curved
14-01592-16	14-01593-16
16cm/6¼"	



Baby-Metzenbaum

Straight	Curved
14-01596-11	14-01597-11
11.5cm/4½"	



Metzenbaum-Fine

Straight	Curved
14-01600-14	14-01601-14
14.5cm/5¾"	



Metzenbaum-Fine

Straight		Curved
14-01604-18	18cm/7"	14-01605-18
14-01604-20	20cm/8"	14-01605-20
14-01604-23	23cm/9"	14-01605-23

Saw edge



Sims

Straight		Curved
14-01608-20	20 cm/8"	14-01609-20
14-01608-23	23 cm/9"	14-01609-23



Siebold
14-01613-24
24 cm/9½"



Jameson
16-01617-15 15 cm/6"
16-01617-18 18 cm/7"



Reynolds

Straight	Curved
16-01620-15	16-01621-15

15 cm/6"



Straight	Curved
14-01624-11	14-01625-11

11.5 cm/4½"



Straight	Curved
14-01628-11	14-01629-11

11.5 cm/4½"



Plastic Surgery

Straight	Curved
14-01632-12	14-01633-12

12 cm/4¾"



Wagner

Straight	Curved
14-01636-12	14-01637-12

12 cm/4¾"



14-01641-11
11.5 cm/4½"

Saw Edge



14-01645-14
14cm/5½"



Reynolds
14-01649-13
13cm/5"



Potts-Smith
19cm/7½"



25°
14- 01653-19



45°
14- 01655-19



60°
14- 01657-19

Endarterectomy Scissors



14-01661-17
17cm/6¾"

Saw Edge



Lister
14-01665-14 14.5cm/5¾"
14-01665-18 18cm/7"
14-01665-20 20cm/8"



Braun-Stadler
14-01669-14 14.5cm/5¾"
14-01669-22 22cm/8¾"



Stevens
Straight 14-01672-11 11.5cm/4½" Curved 14-01673-11



Heymann
14-01677-18
18cm/7"



Fomon
14-01681-13
13cm/5"



Fomon
14-01685-13
13cm/5"



Cottle
14-01689-16
16cm/6¼"



Straight

Standard
Fig. 1



Straight

Standard
Fig. 2



Straight

Standard
Fig. 3

10.0	cm/4"	14-01692-10	14-01694-10	14-01696-10
11.5	cm/4½"	14-01692-11	14-01694-11	14-01696-11
13.0	cm/5"	14-01692-13	14-01694-13	14-01696-13
14.5	cm/5¾"	14-01692-14	14-01694-14	14-01696-14
15.5	cm/6"	14-01692-15	14-01694-15	14-01696-15
16.0	cm/6¼"	14-01692-16	14-01694-16	14-01696-16
18.0	cm/7"	14-01692-18	14-01694-18	14-01696-18
20.0	cm/8"	14-01692-20	14-01694-20	14-01696-20



Straight

Standard
14.5cm/5¾"

TC



Fig. 1
14-01700-14



Fig. 2
14-01702-14



Fig. 3
14-01704-14



Curved



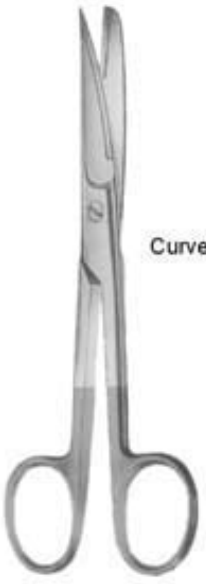
Curved



Curved

		Standard Fig. 1	Standard Fig. 2	Standard Fig. 3
10.0	cm/4"	14-01707-10	14-01709-10	14-01711-10
11.5	cm/4½"	14-01707-11	14-01709-11	14-01711-11
13.0	cm/5"	14-01707-13	14-01709-13	14-01711-13
14.5	cm/5¾"	14-01707-14	14-01709-14	14-01711-14
15.5	cm/6"	14-01707-15	14-01709-15	14-01711-15
16.0	cm/6¼"	14-01707-16	14-01709-16	14-01711-16
18.0	cm/7"	14-01707-18	14-01709-18	14-01711-18
20.0	cm/8"	14-01707-20	14-01709-20	14-01711-20

TC



Curved

Standard
14.5cm/5¾"

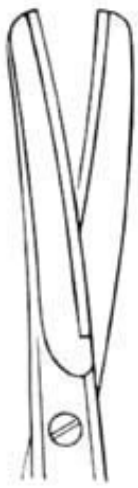


Fig. 1
14-01715-14



Fig. 2
14-01717-14



Fig. 3
14-01719-14





14-01722-13 13.0 cm/5" 14-01724-13
14-01722-14 14.5 cm/5¾" 14-01724-14

Straight

Grazil





14-01727-13 13.0 cm/5" 14-01729-13
14-01727-14 14.5 cm/5¾" 14-01729-14

Curved

Grazil



Straight



Curved

Deaver

14-01732-14 14.5cm/5¾" 14-01733-14



Straight



Curved

Mixter

14-01736-15 15.5cm/6" 14-01737-15

TC



Lexer
Straight
14-01740-16
16 cm/6¼"



Lexer
Curved
14-01741-16
16 cm/6¼"



Lexer
Straight
14-01744-16
16 cm/6¼"



Lexer
Curved
14-01745-16
16 cm/6¼"

TC



Lexer-Fine
Straight
14-01748-16
16 cm/6¼"



Lexer-Fine
Curved
14-01749-16
16 cm/6¼"



Lexer-Fine
Straight
14-01752-16
16 cm/6¼"



Lexer-Fine
Curved
14-01753-16
16 cm/6¼"

Incision Scissors



14-01756-13 13.0 cm/5¼"
14-01756-14 14.5 cm/5¾"



14-01760-15
15.5 cm/6"



Richter
14-01763-14
14.5 cm/5¾"



Richter
14-01767-14
14.5 cm/5¾"



Fergusson
14-01771-18
18 cm/7"



New Suture
14-01775-14
14.5 cm/5¾"

TC



Mayo
Straight
14-01778-14 14.5 cm/5¾"
14-01778-15 15.0 cm/6"
14-01778-17 17.0 cm/6¾"
14-01778-19 19.0 cm/7½"
14-01778-23 23.0 cm/9"



Mayo
Curved
14-01779-14 14.5 cm/5¾"
14-01779-15 15.0 cm/6"
14-01779-17 17.0 cm/6¾"
14-01779-19 19.0 cm/7½"
14-01779-23 23.0 cm/9"



Mayo
Straight
14-01782-14 14.5 cm/5¾"
14-01782-17 17.0 cm/6¾"
14-01782-23 13.0 cm/9"



Mayo
Curved
14-01783-14 14.5 cm/5¾"
14-01783-17 17.0 cm/6¾"
14-01783-23 13.0 cm/9"

TC



Mayo-Stille
Straight
14-01786-15 15 cm/6"
14-01786-17 17 cm/6¾"
14-01786-19 19 cm/7½"
14-01786-21 21 cm/8¼"



Mayo-Stille
Curved
14-01787-15 15 cm/6"
14-01787-17 17 cm/6¾"
14-01787-19 19 cm/7½"
14-01787-21 21 cm/8¼"



Mayo-Stille
Straight
14-01790-15 15 cm/6"
14-01790-17 17 cm/6¾"



Mayo-Stille
Curved
14-01791-15 15 cm/6"
14-01791-17 17 cm/6¾"



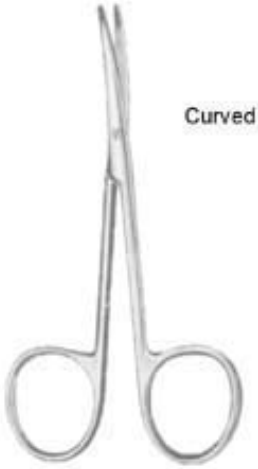
Mayo-Noble
14-01794-17
17 cm/6¾"



Mayo-Noble
14-01795-17
17 cm/6¾"



Baby-Metzenbaum
14-01798-11
11.5 cm/4½"



Baby-Metzenbaum
14-01799-11
11.5 cm/4½"



Metzenbaum-Fine
14-01802-14
14.5 cm/5¾"



Metzenbaum-Fine
14-01803-14
14.5 cm/5¾"



Metzenbaum-Fine
14-01806-14
14.5 cm/5¾"



Metzenbaum-Fine
14-01807-14
14.5 cm/5¾"

Straight



Fig 1

Metzenbaum
14-01810-14
14.5 cm/5¾"



Fig 2

Metzenbaum
14-01812-14
14.5 cm/5¾"



Fig 3

Metzenbaum
14-01814-14
14.5 cm/5¾"

TC

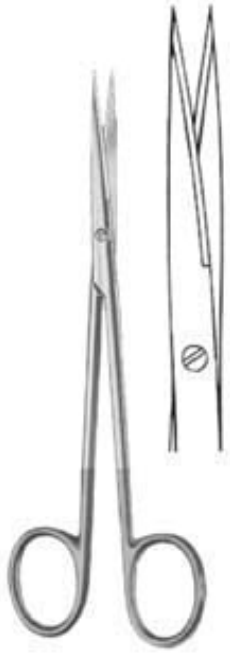
Straight



Metzenbaum
14-01818-14
14.5 cm/5¾"



Metzenbaum-Fine
14-01820-14
14.5 cm/5¾"



Metzenbaum-Fine
14-01822-14
14.5 cm/5¾"

Curved

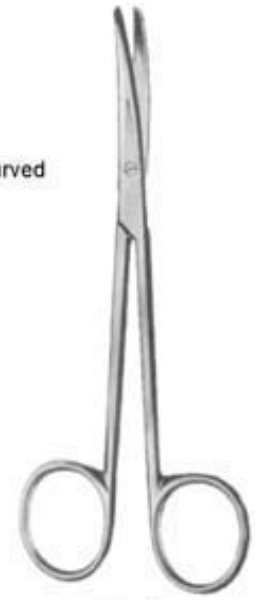


Fig. 1
Metzenbaum
14-01825-14
14.5 cm/5¾"



Fig. 2
Metzenbaum
14-01827-14
14.5 cm/5¾"



Fig. 3
Metzenbaum
14-01829-14
14.5 cm/5¾"

TC

Curved



Metzenbaum
14-01831-14
14.5 cm/5¾"



Metzenbaum-Fine
14-01833-14
14.5 cm/5¾"



Metzenbaum-Fine
14-01835-14
14.5 cm/5¾"

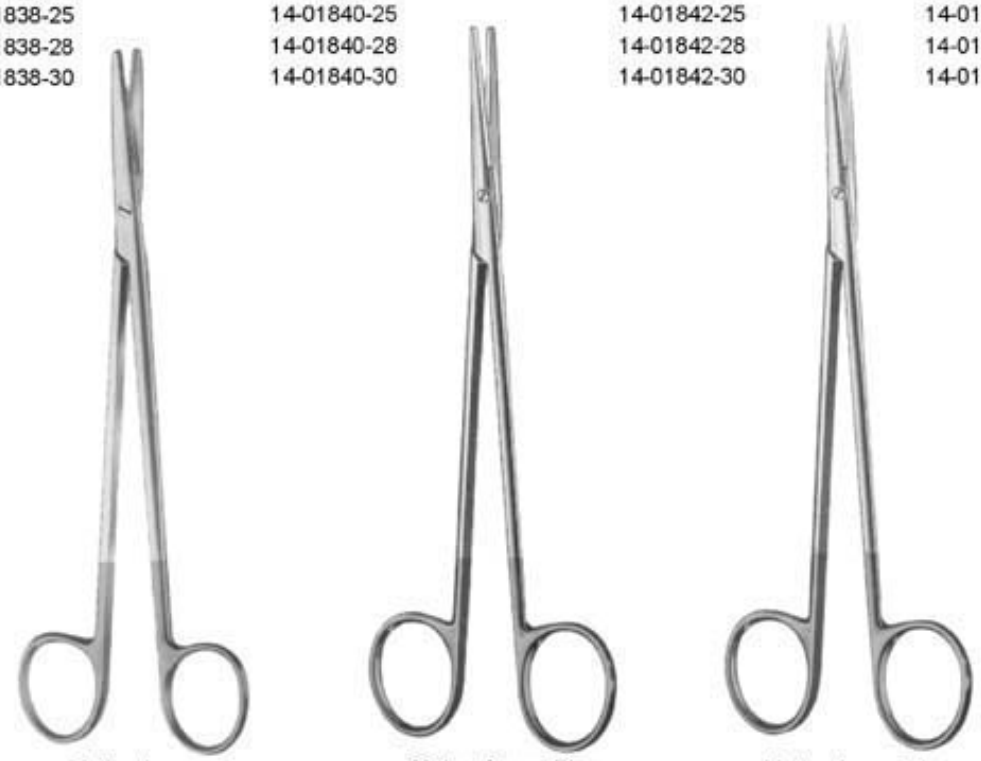
Straight



	Metzenbaum-Fine	Metzenbaum	Metzenbaum	Metzenbaum
18 cm/7"	14-01838-18	14-01840-18	14-01842-18	14-01844-18
20 cm/8"	14-01838-20	14-01840-20	14-01842-20	14-01844-20
23 cm/9"	14-01838-23	14-01840-23	14-01842-23	14-01844-23
25 cm/10"	14-01838-25	14-01840-25	14-01842-25	14-01844-25
28 cm/11"	14-01838-28	14-01840-28	14-01842-28	14-01844-28
30 cm/12"	14-01838-30	14-01840-30	14-01842-30	14-01844-30

TC

Straight



	Metzenbaum	Metzenbaum-Fine	Metzenbaum-Fine
18 cm/7"	14-01848-18	14-01850-18	14-01852-18
20 cm/8"	14-01848-20	14-01850-20	14-01852-20
23 cm/9"	14-01848-23	14-01850-23	14-01852-23
25 cm/10"	14-01848-25	14-01850-25	14-01852-25
28 cm/11"	14-01848-28	14-01850-28	14-01852-28
30 cm/12"	14-01848-30	14-01850-30	14-01852-30

Curved



	Metzenbaum-Fine	Metzenbaum	Metzenbaum	Metzenbaum
18 cm/7"	14-01855-18	14-01857-18	14-01859-18	14-01861-18
20 cm/8"	14-01855-20	14-01857-20	14-01859-20	14-01861-20
23 cm/9"	14-01855-23	14-01857-23	14-01859-23	14-01861-23
25 cm/10"	14-01855-25	14-01857-25	14-01859-25	14-01861-25
28 cm/11"	14-01855-28	14-01857-28	14-01859-28	14-01861-28
30 cm/12"	14-01855-30	14-01857-30	14-01859-30	14-01861-30

TC

Curved



	Metzenbaum	Metzenbaum-Fine	Metzenbaum-Fine
18 cm/7"	14-01865-18	14-01867-18	14-01869-18
20 cm/8"	14-01865-20	14-01867-20	14-01869-20
23 cm/9"	14-01865-23	14-01867-23	14-01869-23
25 cm/10"	14-01865-25	14-01867-25	14-01869-25
28 cm/11"	14-01865-28	14-01867-28	14-01869-28
30 cm/12"	14-01865-30	14-01867-30	14-01869-30



Sims
14-01870-20 20 cm/8"
14-01870-23 23 cm/9"



Straight
14-01872-20 20 cm/8" 14-01874-20
14-01872-23 23 cm/9" 14-01874-23



Sims
14-01977-20 20 cm/8"
14-01977-23 23 cm/9"



Curved
14-01879-20 20 cm/8" 14-01881-20
14-01879-23 23 cm/9" 14-01881-23

TC



Sims
14-01883-20 20 cm/8"
14-01883-23 23 cm/7"



Wertheim
14-01887-14 14.5 cm/5¾"
14-01887-19 19.5 cm/7¾"
14-01887-22 22.5 cm/9"



Curved

Dubois
14-01892-27 27 cm/10½"

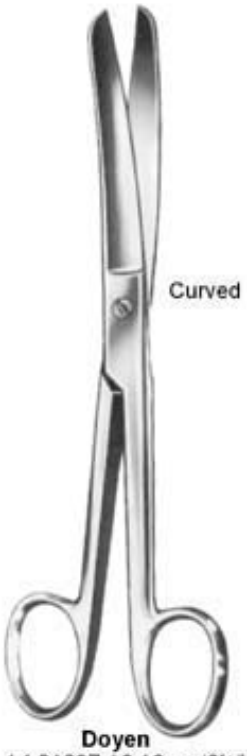


Dubois
14-01893-27 27 cm/10½"



Straight

Doyen
14-01896-16 16 cm/6¼"
14-01896-18 18 cm/7"



Curved

Doyen
14-01897-16 16 cm/6¼"
14-01897-18 18 cm/7"



Kelly
14-01900-16 16 cm/6¼"
14-01900-18 18 cm/7"



Kelly
14-01901-16 16 cm/6¼"
14-01901-18 18 cm/7"



Fig. 1
14-01904-12

Straight



Fig. 2
14-01906-12



Fig. 3
14-01908-12

12cm/4¾"



Fig. 1
14-01911-12

Curved



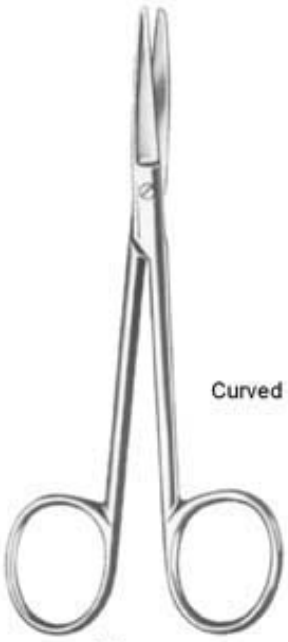
Fig. 2
14-01913-12



Fig. 3
14-01915-12

12cm/4¾"

Saw Edge



Wagner
12cm/4¾"

Curved



Fig. 1
14-01916-12



Fig. 2
14-01918-12



Fig. 3
14-01920-12



Fig. 4
14-01922-12



Fig. 1
14-01923-12



Fig. 2
14-01925-12



Fig. 3
14-01927-12



Fig. 4
14-01929-12

Straight



14-01932-12
11.5cm/4½"

Curved



14-01933-12
11.5cm/4½"



Straight



Curved

Brophy (Sullivan)
14-01936-14 14.5 cm/5¾" 14-01937-14



Straight



Curved

Reynolds
14-01940-15 15 cm/6" 14-01941-15
14-01940-18 18 cm/7" 14-01941-18

Enucleation Scissors



Jameson
14-01945-15
15cm/6"



14-01948-12 14-01951-12



Landolt
12.5cm/5"
14-01953-12 14-01955-12



Standard

9.0	cm/3½"	14-01958-09	14-01959-09	14-01961-09	14-01964-09	14-01965-09
10.5	cm/4¼"	14-01958-10	14-01959-10	14-01961-10	14-01964-10	14-01965-10
11.5	cm/4½"	14-01958-11	14-01959-11	14-01961-11	14-01964-11	14-01965-11



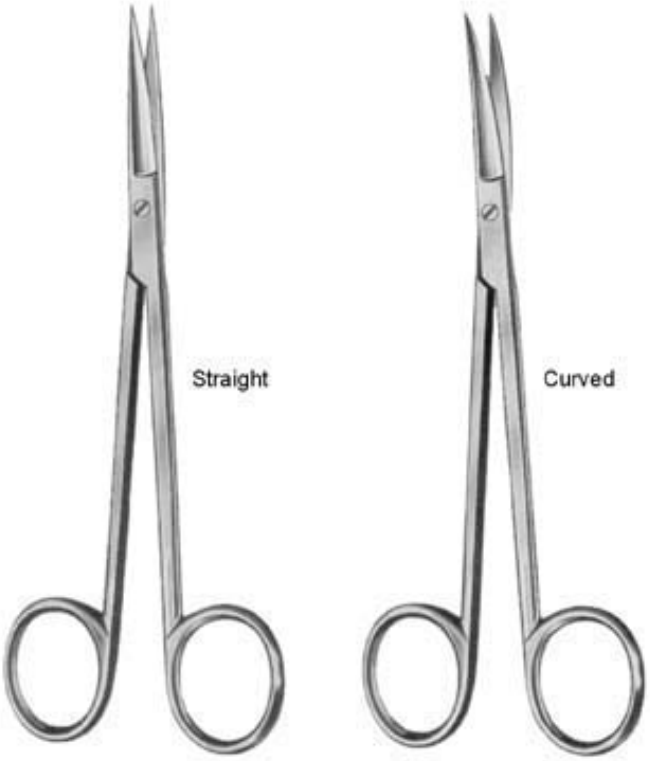
14-01968-10
10cm/4"



14-01971-09
9cm/3½"

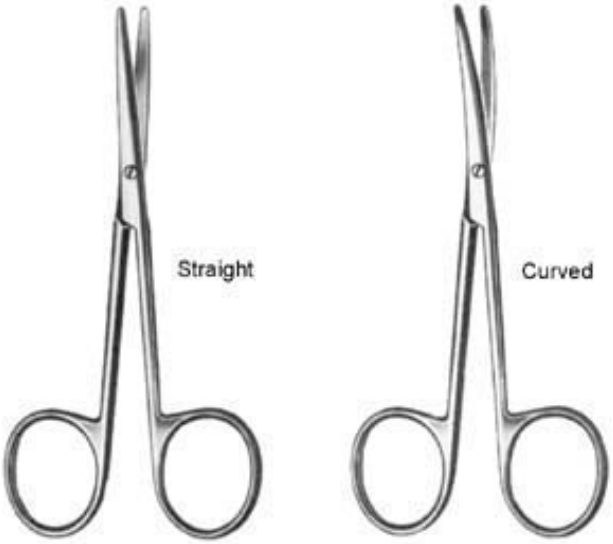


Walton
14-01975-10
10cm/4"



Sanvenero

14-01978-14 14.5cm/5¾" 14-01979-14

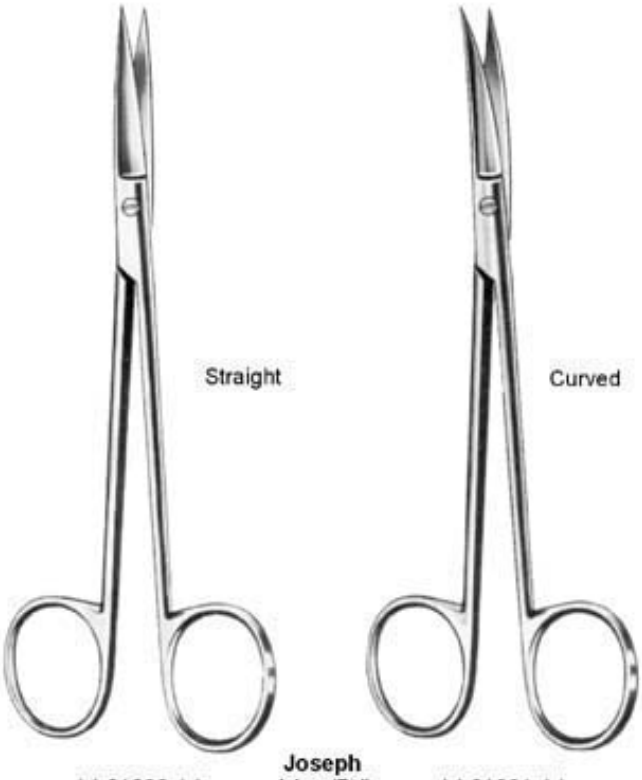


Baby-Lexer (Knapp)

14-01982-10 10cm/4" 14-01983-10



Straight 14-01986-13 13cm/5" Curved 14-01987-13



14-01990-14 **Joseph** 14cm/5½" 14-01991-14



Kilner (Ragnell)
14-01995-12 12cm/4¾"
14-01995-13 13cm/5"
14-01995-15 15cm/6"



14-01998-14
14.5cm/5¾"

Coronary Scissors



14-02002-11
11.5cm/4½"



Potts-Smith
14-02005-19
19.5cm/7¾"



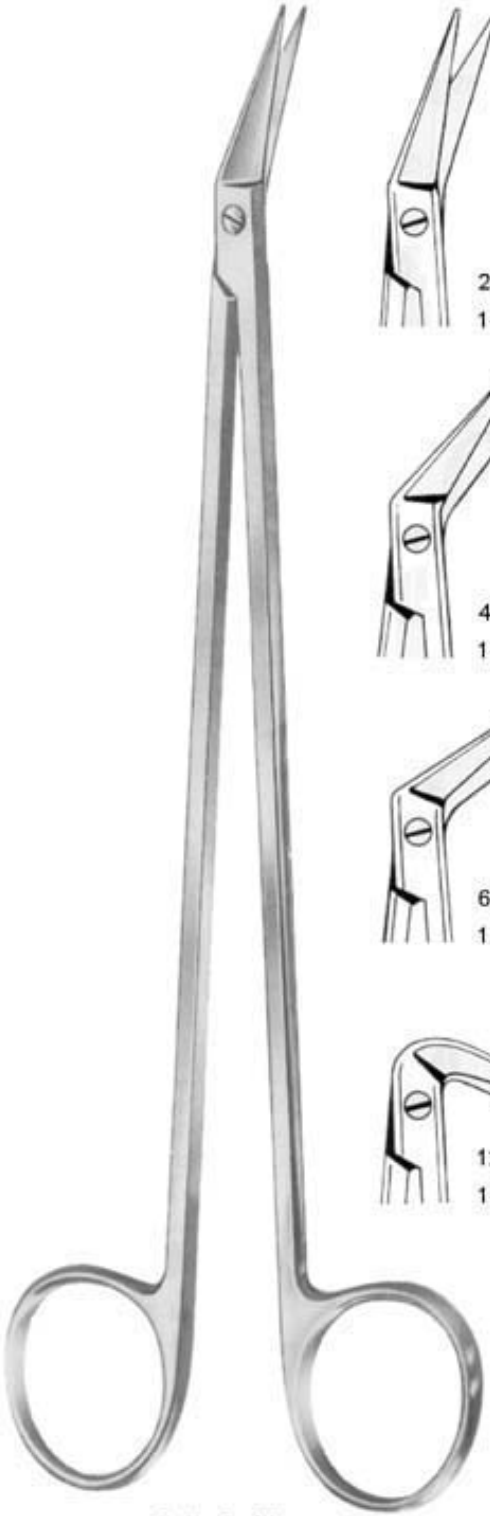
De Bakey
14-02009-15
15.5cm/6"



De Bakey
14-02013-15
15.5cm/6"



Favaloro
14-02017-15
15cm/6"



25°
14-02021-19

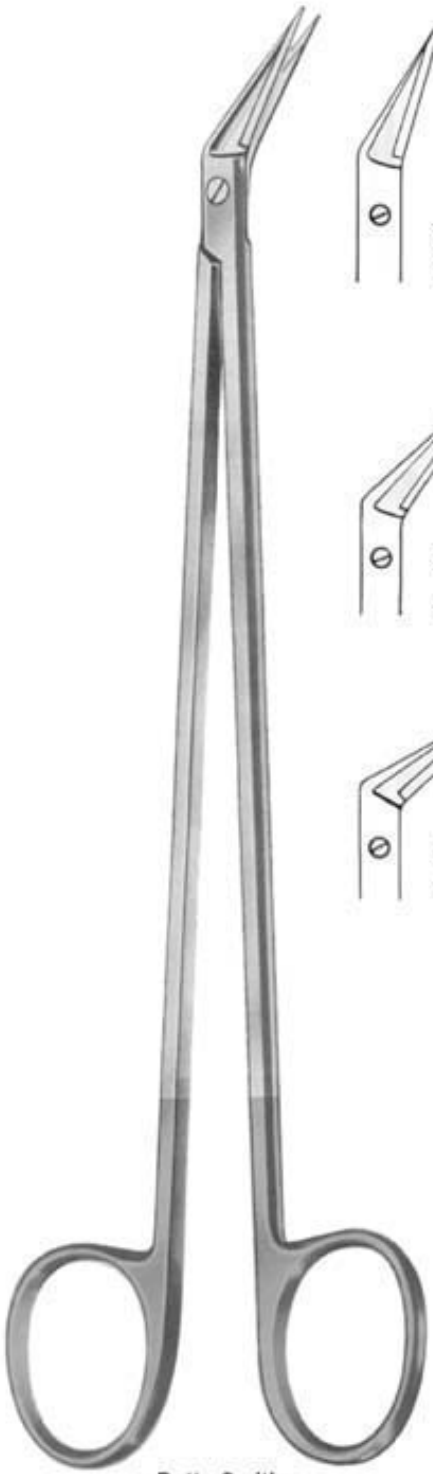
45°
14-02023-19

60°
14-02025-19

125°
14-02027-19

Potts-Smith
19cm/7½"

TC



25°
14-02031-19

45°
14-02033-19

60°
14-02035-19

Potts-Smith
19cm/7½"



Saw Edge

Martin-Cartilage
14-02039-20
20cm/8"



McIndoe
14-02042-19
19cm/7½"



Potts-Smith
14-02045-19
19cm/7½"



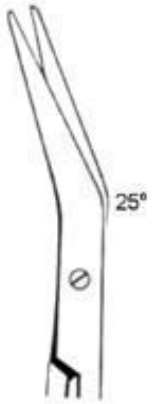
Satinsky
14-02049-24
24.5cm/10"

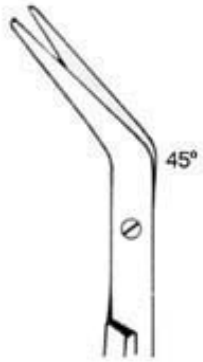


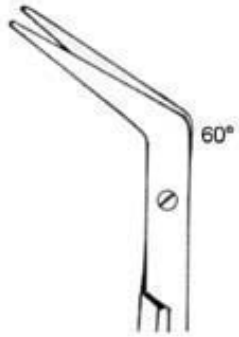
Klingenberg-Loth
14-02053-23
23cm/9"



De Bakey
18cm/7"







cm	In			
16.0cm	6¼"	14-02057-16	14-02059-16	14-02061-16
23.0cm	9"	14-02057-23	14-02059-23	14-02061-23
28.0cm	11"	14-02057-28	14-02059-28	14-02061-28



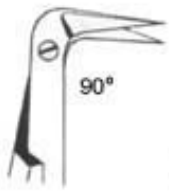
Baby-Hegemann
13.5cm/5¼"

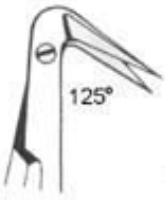
Hegemann (Diethrich)
16cm/6¼"
19cm/7½"











cm	In					
13.0cm	5¼"	14-02063-13	14-02065-13	14-02067-13	14-02069-13	14-02071-13
16.0cm	6¼"	14-02063-16	14-02065-16	14-02067-16	14-02069-16	14-02071-16
19.0cm	7½"	14-02063-19	14-02065-19	14-02067-19	14-02069-19	14-02071-19



Hagemann (Diethrich)
14-02075-19
19cm/7½"



18cm/7"

25°	45°	60°	90°	125°
				
14-02079-18	14-02081-18	14-02083-18	14-02085-18	14-02087-18

25°	45°	60°	90°	125°
				
14-02091-18	14-02093-18	14-02095-18	14-02097-18	14-02099-18

Nerve Dissecting Scissors



14-02103-15
15cm/6"



Bottcher
14-02107-18
18cm/7"

Tonsil Scissors



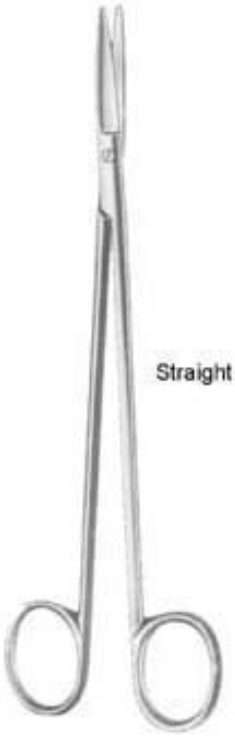
Prince
14-02111-17
17.5cm/7"

Arteriotomy Scissors



Tonnis-Adson-Fine
14-02115-17
17.5cm/7"

Straight



Tonnis
14-02118-18
18cm/7"

Curved

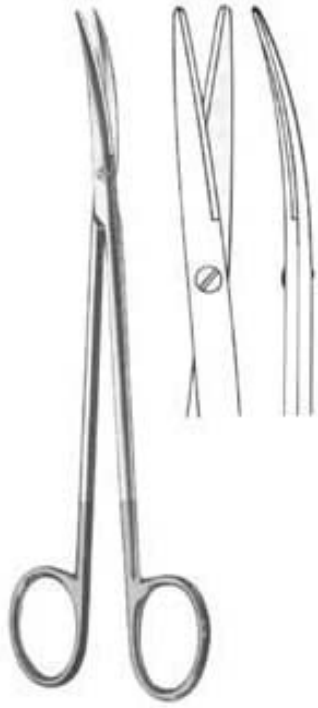


Tonnis
14-02119-18
18cm/7"



Tonnis-Adson
14-02123-17
17.5cm/7"

TC



Tonnis-Adson
14-02125-17
17.5cm/7"

Tonsil Scissors



Good
14-02129-19
19 cm/7½"

Lobectomy Scissors



Crafoord
14-02133-30
30 cm/12"



Finochietto
14-02137-27
27 cm/10½"

Enterotomy Scissors



14-02142-21
21 cm/8¼"



14-02146-21
21 cm/8¼"



14-02150-21
21 cm/8¼"



Busch
14-02153-13 13 cm/5"
14-02153-16 16 cm/6¼"



Schumacher
14-02157-16
16 cm/6¼"



Mod. USA
14-02160-10
10.5 cm/4¼"



Braun-Stadler
14-02163-14
14 cm/5½"



Braun-Stadler
14-02165-22
22 cm/8½"





14-02169-23
23 cm/9"



14-02171-23
23 cm/9"



Heymann
14-02175-18
18 cm/7"



Heymann
14-02177-19
19.5 cm/7¾"



Knight
14-02181-18
18 cm/7"



Fomon
14-02185-13
13 cm/5"



Fomon
14-02189-13
13.5 cm/5¼"



Fomon
14-02191-13
13.5 cm/5¼"



Cottle
14-02195-16
16 cm/6¼"



Halle
14-02199-19
19 cm/7½"



Strully
14-02202-22 22 cm/8¾" 14-02203-22



Dandy
14-02207-22
17 cm/6¾"



Trigeminal Scissors

Olivecrona
14-02211-15



Universal
14-02215-12
12 cm/4¾"



Goldman-Fox
Straight
14-02218-13
13 cm/5"

TC



Goldman-Fox
Curved
14-02219-13
13 cm/5"



Fig. 1



Fig. 2



Fig. 3



Noyes
Fig.1 14-02222-01
Fig.2 14-02222-02
Fig.3 14-02222-03
12 cm/4¾"



Noyes
14-02225-12
12 cm/4¾"



Wecker
11.5 cm/4½"



14-02229-01



14-02229-02



Barraquer
14-02233-05
5.5 cm/2¼"



14-02236-09
9 cm/3½"



14-02238-09



14-02240-09



14-02243-09



14-02245-09



14-02247-09



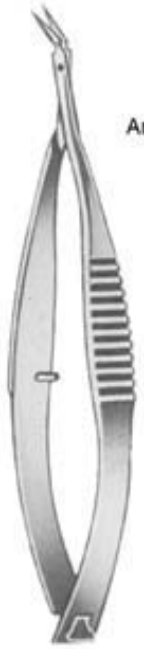
Straight

Vannas
14-02250-08
8 cm/3¼"



Curved

Vannas
14-02253-08
8 cm/3¼"



Angular

Vannas
14-02255-08
8 cm/3¼"



Vannas
14-02257-08
8 cm/3¼"



Straight

14-02260-08
8.5 cm/3¼"



Curved

14-02263-08
8.5 cm/3½"



Angular

14-02265-08
8.5 cm/3½"



Angular

Vannas Mod,Tubingen

14-02267-08
8.5 cm/3½"



14-02270-10
10 cm/4"



14-02271-10
10 cm/4"



Castroviejo
14-02273-10
10 cm/4"



Castroviejo
14-02275-10
10 cm/4"



Aebli
14-02277-10
10 cm/4"



Castroviejo
14-02281-10
10 cm/4"



Castroviejo
14-02283-10
10 cm/4"



Troutman-Barraquer
14-02285-10
10 cm/4"



Troutman-Barraquer
14-02287-10
10 cm/4"



Troutman
14-02291-10
10 cm/4"



Troutman
14-02293-10
10 cm/4"



Katzin-Barraquer
14-02295-10
10 cm/4"



Katzin-Barraquer
14-02297-10
10 cm/4"



Katzin
14-02301-10
10 cm/4"



Katzin
14-02303-10
10 cm/4"



Westcott
14-02307-11
11.5 cm/4½"



Westcott
14-02309-11
11.5 cm/4½"



Westcott
14-02311-11
11.5 cm/4½"



Castroviejo
14-02315-10
10 cm/4"



Castroviejo
14-02317-10
10 cm/4"



Castroviejo
14-02321-11
11.5 cm/4½"



Castroviejo
14-02323-11
11.5 cm/4½"



Troutmann-Castroviejo
14-02327-10
10.5 cm/4¼"



Troutmann-Castroviejo
14-02329-10
10.5 cm/4¼"



14.5 cm/5¾"
18.0 cm/7"

Straight
14-02332-14
14-02332-18

Curved
14-02333-14
14-02333-18





Straight
14-02336-12 12.0 cm/4¾"
14-02336-16 16.0 cm/6¼"
14-02336-18 18.5 cm/7¼"



Curved
14-02337-12 12.0 cm/4¾"
14-02337-16 16.0 cm/6¼"
14-02337-18 18.5 cm/7¼"

Vannas
Straight
14-02340-12 12.0 cm/4¾"
14-02340-16 16.0 cm/6¼"

Vannas
Curved
14-02341-12 12.0 cm/4¾"
14-02341-16 16.0 cm/6¼"



Yasargil

16.5cm/6½"
20.0cm/8"



Straight
14-02344-16
14-02344-20



Curved
14-02345-16
14-02345-20

20.0cm/8"



Curved Downwards
14-02347-20

Dissecting Scissors

20.0cm/8"



Straight
14-02350-20



Curved
14-02351-20

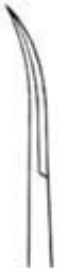


Yasargil

22.5cm/9"
24.5cm/9¾"



Straight
14-02354-22
14-02354-24



Curved
14-02355-22
14-02355-24



22.5cm/9"

Curved Downwards
14-02357-22

Dissecting Scissors



22.5cm/9"

Straight
14-02360-22



Curved
14-02361-22



Jacobson
18cm/7"



14-02364-18



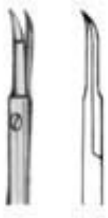
14-02365-18



14-02367-18



14-02376-19



14-02377-19

14-02370-19

14-02371-19

14-02373-19



19cm/7½"



Straight
14-02384-12
12cm/4¾"

Curved
14-02385-12
12cm/4¾"

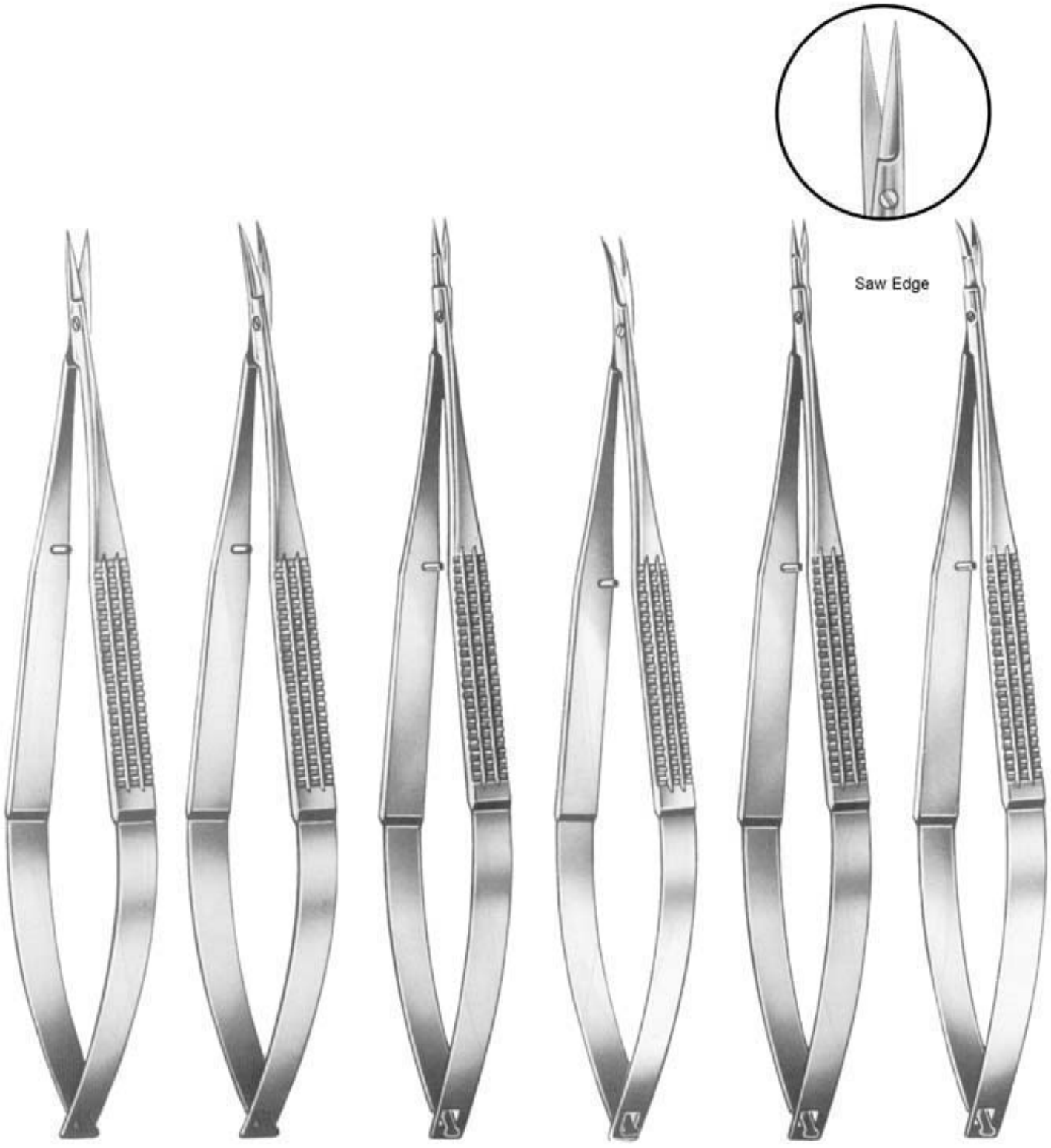
Straight
14-02392-12
12cm/4¾"

Curved
14-02393-12
12cm/4¾"

Angled up
14-02395-12
12cm/4¾"

Vein Scissors

Straight
14-02400-13
13cm/5⅛"



Straight
14-02404-16
16cm/6¼"

Curved
14-02405-16
16cm/6¼"

Straight
14-02408-16
16cm/6¼"

Curved
14-02409-16
16cm/6¼"

Millesi
Straight
14-02412-16
16cm/6¼"

Millesi
Curved
14-02413-16
16cm/6¼"



Straight
14-02416-18
18.5cm/7¼"



Curved
14-02417-18
18.5cm/7¼"



Angular
14-02421-18
18.5cm/7¼"





Straight
14-02424-16
16cm/6¼"

Curved
14-02425-16
16cm/6¼"

Straight
14-02428-16
16cm/6¼"

Curved
14-02429-16
16cm/6¼"

Straight
14-02432-16
16cm/6¼"

Curved
14-02433-16
16cm/6¼"



Straight
14-02436-18
18.5cm/7¼"



Curved
14-02437-18
18.5cm/7¼"



Angular
14-02441-18
18.5cm/7¼"



Straight
14-02444-23
23cm/9"

Dissecting Scissors



Straight
14-02448-14
14.5cm/5¾"



Curved
14-02449-14
14.5cm/5¾"



Curved
14-02451-14
14.5cm/5¾"



Straight



14-02454-11



14-02458-11

Curved



14-02455-11



14-02459-11

11.5cm/4½"



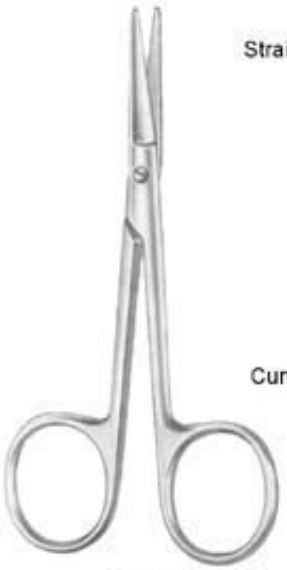
Straight
14-02462-12

12cm/4¾"



Curved
14-02463-12

TC



Straight



14-02466-10



14-02470-10



14-02474-10

Curved



14-02467-10



14-02471-10



14-02475-10

Knapp
10.5cm/4¼"



Straight
14-02478-11

11.5cm/4½"



Curved
14-02479-11



Standard

9.0 cm/3½"	14-02482-09	14-02483-09	14-02485-09	14-02487-09
10.5 cm/4¼"	14-02482-10	14-02483-10	14-02485-10	14-02487-10
11.5 cm/4½"	14-02482-11	14-02483-11	14-02485-11	14-02487-11



Fine **Fine**

9.0cm/3¾"			14-02496-09	14-02497-09
10.5cm/4¼"	14-02492-10	14-02493-10	14-02496-10	14-02497-10
11.5cm/4½"	14-02492-11	14-02493-11	14-02496-11	14-02497-11





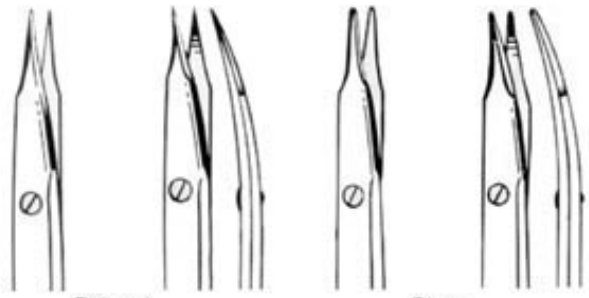
	Straight	Curved
	Fine	**Fine**
9.5 cm/3¾"	14-02500-09	14-02501-09
10.5 cm/4¼"	14-02500-10	14-02501-10
11.5 cm/4½"	14-02500-11	14-02501-11



Straight 14-02504-10 | 10cm/4" | Curved 14-02505-10

Tenotomy Scissors





	Pointed		Blunt	
	Straight	Curved	Straight	Curved
	14-02508-10	14-02509-10	14-02512-10	14-02513-10
	14-02508-11	14-02509-11	14-02512-11	14-02513-11

10.5cm/4¼"
11.5cm/4½"



Straight 14-02516-08 | **Bonn** 8cm/3¼" | Curved 14-02517-08



Graefe
14-02520-10
10.5cm/4¼"



Wilmer
14-02521-10
10cm/4"



14-02524-11 11.5cm/4½" 14-02525-11



TC



Straight
14-02528-11 11.5cm/4½"



Curved
14-02529-11

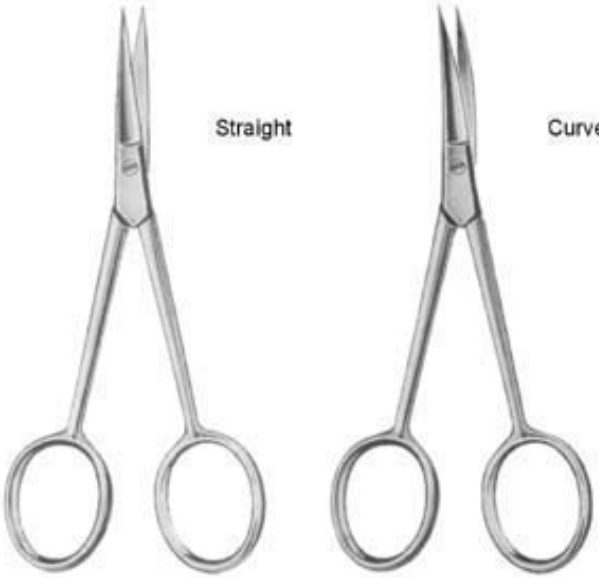


La Grange
14-02532-11
11.5cm/4½"



Chadwick
14-02533-11
11cm/4½"

Neurosurgical Scissors



Straight

Curved

14-02536-11 11cm/4½" 14-02537-11
14-02536-13 13cm/5" 14-02537-13



Potts-de Martel
14-02541-21
21cm/8¼"



Mills
14-02543-21
21cm/8¼"

Dura Scissors



Schmieden-Taylor
14-02547-14 14.5cm/5¾"
14-02547-17 17.0cm/6¾"



14-02551-22

Strully
22cm/8¾"



14-02553-22



Dandy
14-02555-17
17cm/6¾"



Littauer
14-02559-14
14cm/5½"



Spencer
14-02563-09
9cm/3½"



Spencer
14-02565-10 10.5cm/4¼"
14-02565-12 12.0cm/4¾"



Spencer-Fine
14-02567-11 11.5cm/4½"
14-02567-16 16cm/6¼"



Shortbent
14-02571-09
9cm/3½"



Northbent
14-02575-12
12.5cm/5 "



Spencer
14-02579-11
11.5cm/4½"



Littler
14-02583-11
11.5cm/4½"



Heath
14-02587-15
15cm/6"



14-02591-10
10cm/4"



Eiselsberg
14-02595-11
11.5cm/4½"



Wire Cutting Scissors

Schoemaker-Loth
14-02599-12
12.5cm/5"



Saw Edge

Universal
14-02603-12
12cm/4¾"







	Universal	Universal	Universal
Black	14-02607-01	14-02609-01	14-02611-01
Blue	14-02607-02	14-02609-02	14-02611-02
Red	14-02607-03	14-02609-03	14-02611-03
Green	14-02607-04	14-02609-04	14-02611-04
	14.5 cm/5¾"	16 cm/6¼"	18 cm/7"



Smith
14-02615-17
17.5 cm/7"



Saw edge

Harvey
14-02618-12
12.5 cm/5"



Saw edge

Schuknecht
14-02622-10
10 cm/4"

Nail Splintting Scissors



14-02626-13 13 cm/5"
14-02626-15 15 cm/6"

TC



Lister
14-02629-09 09.0 cm/3½"
14-02629- 11 11.5 cm/4½"
14-02629-14 14.0 cm/5½"
14-02629-15 15.5 cm/6"
14-02629-18 18.0 cm/7"
14-02629-20 20.0 cm/8"



Lister
14-02631-18
18 cm/7"



Lister
14-02633-18 18.5 cm/7¼"
14-02633-21 21.0 cm/8¼"



Lister-Excentric
14-02637-16 16 cm/6¼"
14-02637-19 19 cm/7½"



Esmarch
14-02641-20 20 cm/8"
14-02641-22 22 cm/8¾"



Bergmann
14-02645-23
23 cm/9"



Lorenz
14-02649-23
23 cm/9"



Saw edge

14-02653-17
17 cm/6¾"



Lange
14-02657-18
18 cm/7"



Bruns
14-02661-24 24 cm/9½" Saw edge
14-02663-24 24 cm/9½" Smooth
14-02667-24 24 cm/9½" ***Pinsmed TC***



Smith (Mod. USA)
14-02671-18 18 cm/7"
14-02671-20 20 cm/8"
14-02671-23 23 cm/9"



Knowles
14-02674-14
14 cm/5½"



Knowles
14-02675-14
14 cm/5½"



14-02679-13
13 cm/5"



14-02683-20
20 cm/8"



Seutin
14-02687-23
23 cm/9"



14-2691-23
23 cm/9"



Collin
14-02695-22
22 cm/8¾"



Gluck
14-02699-22
22 cm/8¾"



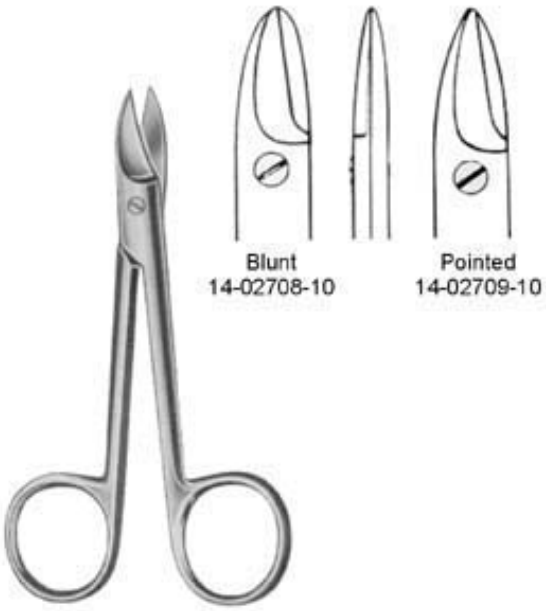
Stille
14-02701-21
21 cm/8¼"



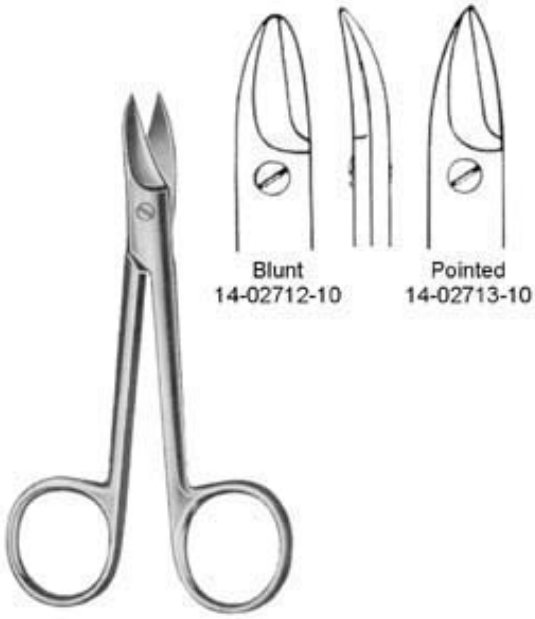
Stille
14-02703-24
24 cm/9½"



Stille
14-02705-23 23 cm/9"
14-02705-26 26 cm/10¼"
14-02705-37 37 cm/14½"



Beebee
Straight
10.5 cm/4¼"



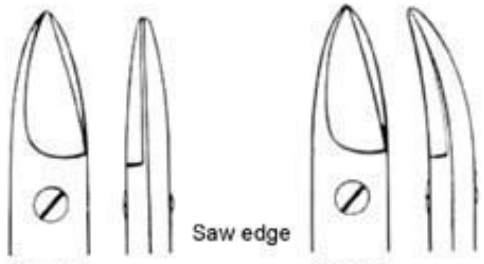
Beebee
Curved
10.5 cm/4¼"



14-02716-10
10.5 cm/4¼"



Beebee
12 cm/4¾"



Straight
14-02720-12

Curved
14-02721-12



Goldmann-Fox
14-02724-13
13 cm/5"

Saw edge



Goldmann-Fox
14-02725-13
13 cm/5"



Niro
14-02729-14
14 cm/5½"



Goldmann-Fox
(Spezial)
14-02733-13
13 cm/5"

Saw edge



14-02737-11
11.5 cm/4½"

Fine



Quinby
14-02740-12
12 cm/4¾"



Quinby
14-02741-12
12 cm/4¾"

Saw edge



Dean
14-02745-17
17 cm/6¾"



Dean
14-02747-17
17 cm/6¾"

Saw edge



Locklin
14-02751-16
16.5 cm/6½"



Locklin
14-02753-16
16.5 cm/6½"

Saw edge



Sullivan
14-02758-14
14.5 cm/5¾"



Sullivan
14-02759-14
14.5 cm/5¾"



Neumann
14-02763-12
12.5 cm/5"

Saw edge



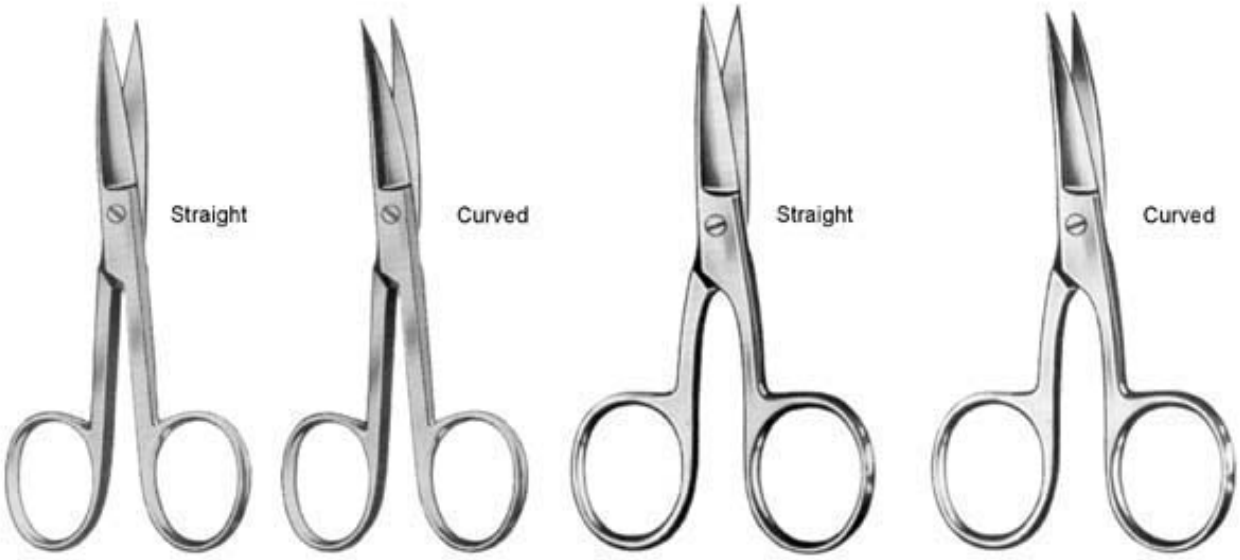
La Grange
14-02765-11
11.5 cm/4½"



	Standard			**Standard**		**Chadwick**	
14-02768-11	11.5 cm/4½"	14-02769-11	14-02772-11	11.5 cm/4½"	14-02773-11	14-02777-11	11.5 cm/4½"

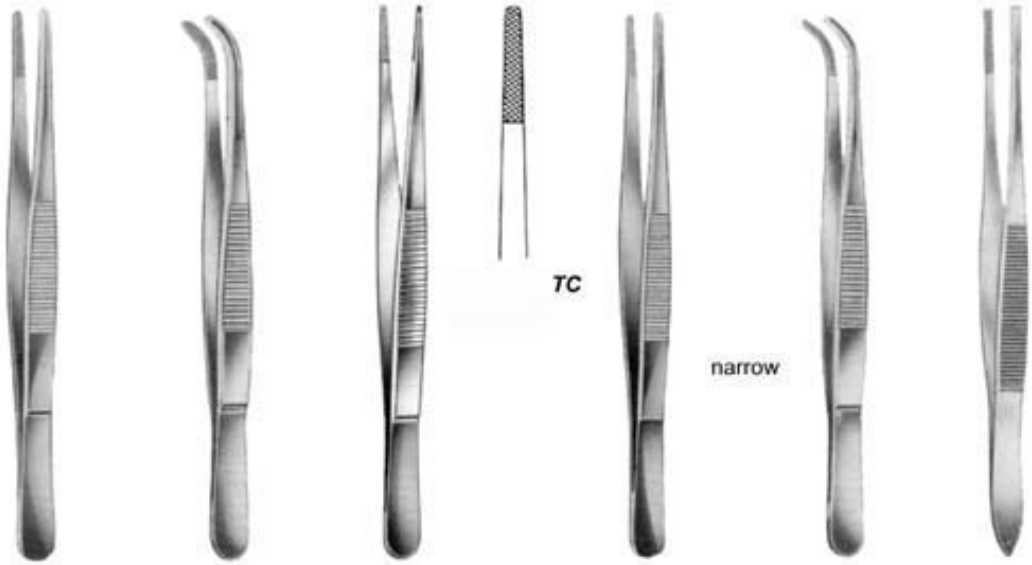
Saw edge

Nail scissors

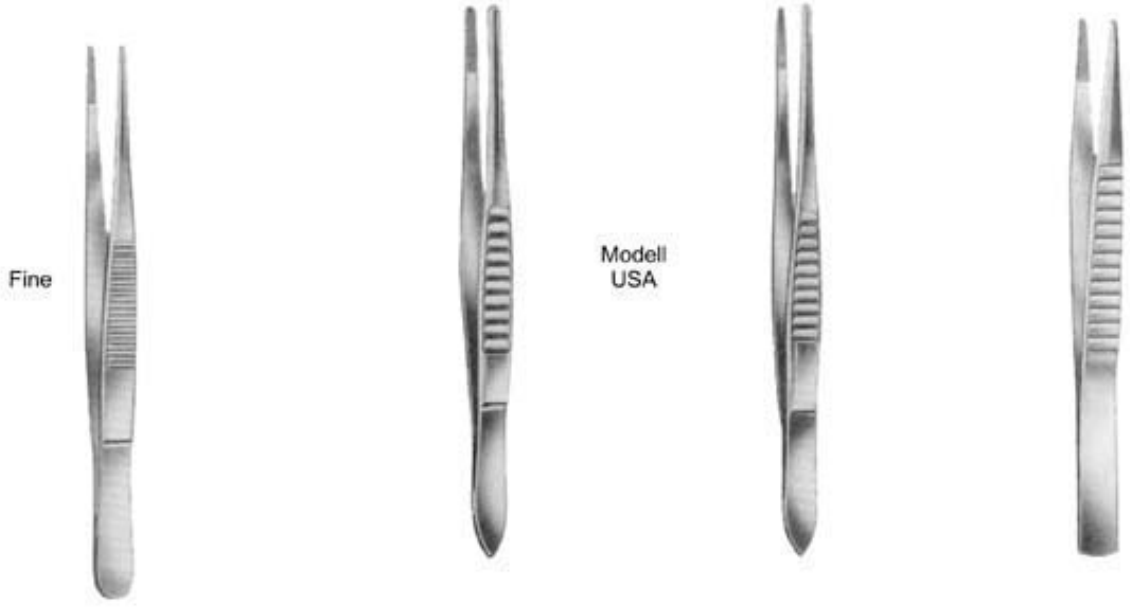


Straight Curved Straight Curved

09.0 cm/3½"	14-02780-09	14-02781-09	14-02784-09	14-02785-09
10.5 cm/4¼"	14-02780-10	14-02781-10	14-02784-10	14-02785-10



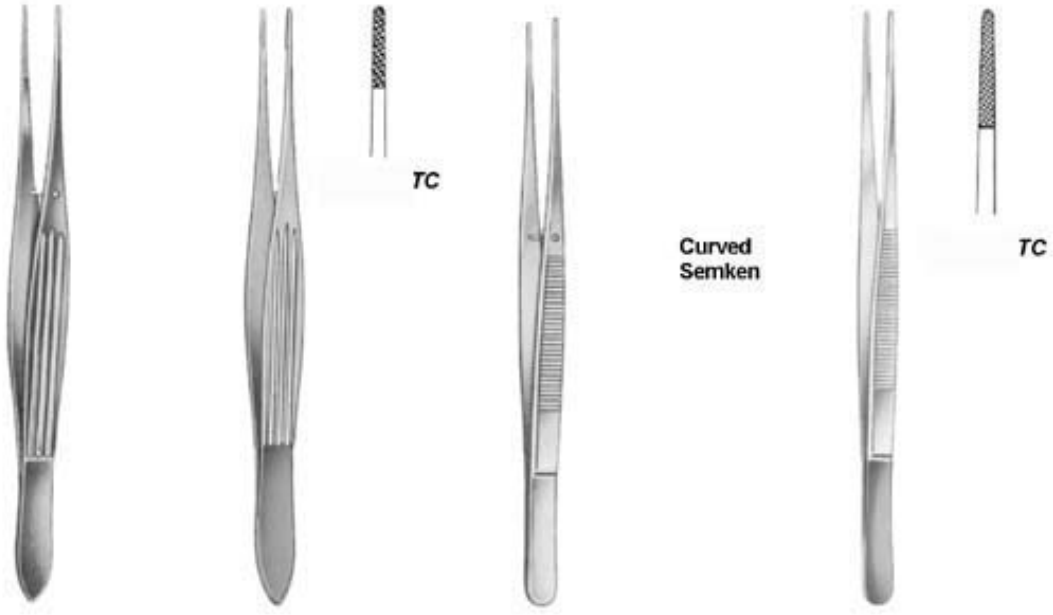
cm	in	Standard	Standard	Standard			Stille
10.5	4/¼"	15-02788-10					
11.5	4/½"	15-02788-11	15-02789-11		15-02796-11	15-02797-11	
13.0	5"	15-02788-13	15-02789-13		15-02796-13	15-02797-13	15-02802-13
14.5	5¾"	15-02788-14	15-02789-14	15-02792-14	15-02796-14	15-02797-14	
15.0	6"	15-02788-15					15-02802-15
16.0	6¼"	15-02788-16	15-02789-16	15-02792-16	15-02796-16	15-02797-16	
17.0	6¾"						15-02802-17
18.0	7"	15-02788-18	15-02789-18	15-02792-18	15-02796-18	15-02797-18	
20.0	8 "	15-02788-20	15-02789-20	15-02792-20	15-02796-20	15-02797-20	15-02802-20
25.0	10"	15-02788-25	15-02789-25	15-02792-25	15-02796-25	15-02797-25	
30.0	12"	15-02788-30	15-02789-30		15-02796-30	15-02797-30	



cm	in		Standard	Narrow	Engl.Modell
11.5	4/½"	15-02806-11			
12.0	4/¾"		15-02810-12	15-02814-12	
13.0	5"	15-02806-13	15-02810-13	15-02814-13	15-02818-13
14.5	5¾"	15-02806-14	15-02810-14	15-02814-14	15-02818-14
15.0	6"	15-02806-15	15-02810-15	15-02814-15	15-02818-15
16.0	6¼"	15-02806-16			
18.0	7"	15-02806-18	15-02789-18		
20.0	8"	15-02806-20			
21.0	8¼"		15-02810-21		
25.0	10"		15-02810-25		
30.0	12"		15-02810-30		



cm	in	Ewald	Jacobson-Adson	Micro-Adson	Adson-Standard	Adson
12.0	4¾"	15-02822-12	15-02826-12	15-02830-12	15-02834-12	15-02838-12
15.5	6"	15-02822-15	15-02826-15	15-02830-15	15-02834-15	15-02838-15

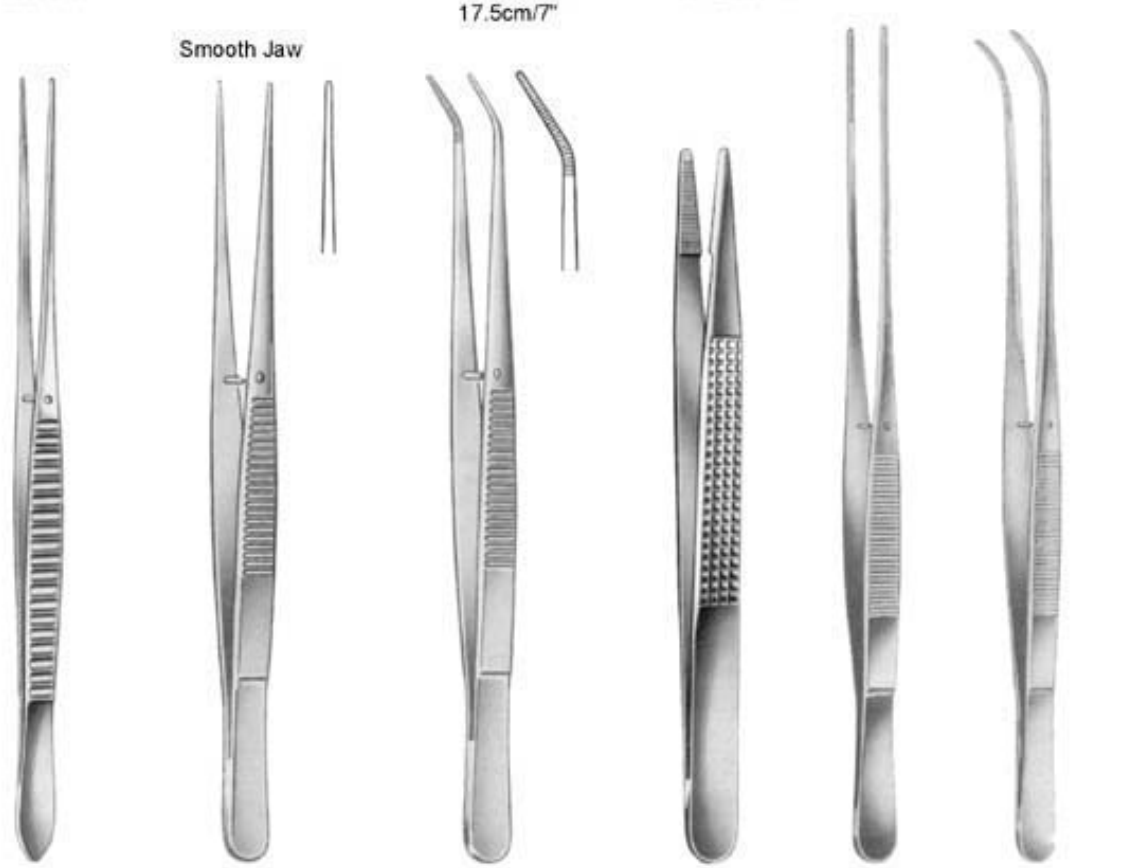


cm	in	McIndoe	McIndoe	Semken		Semken
12.0	4¾"			15-02848-12	15-02849-12	15-02852-12
15.0	6"	15-02842-15	15-02844-15	15-02848-15	15-02849-15	15-02852-15

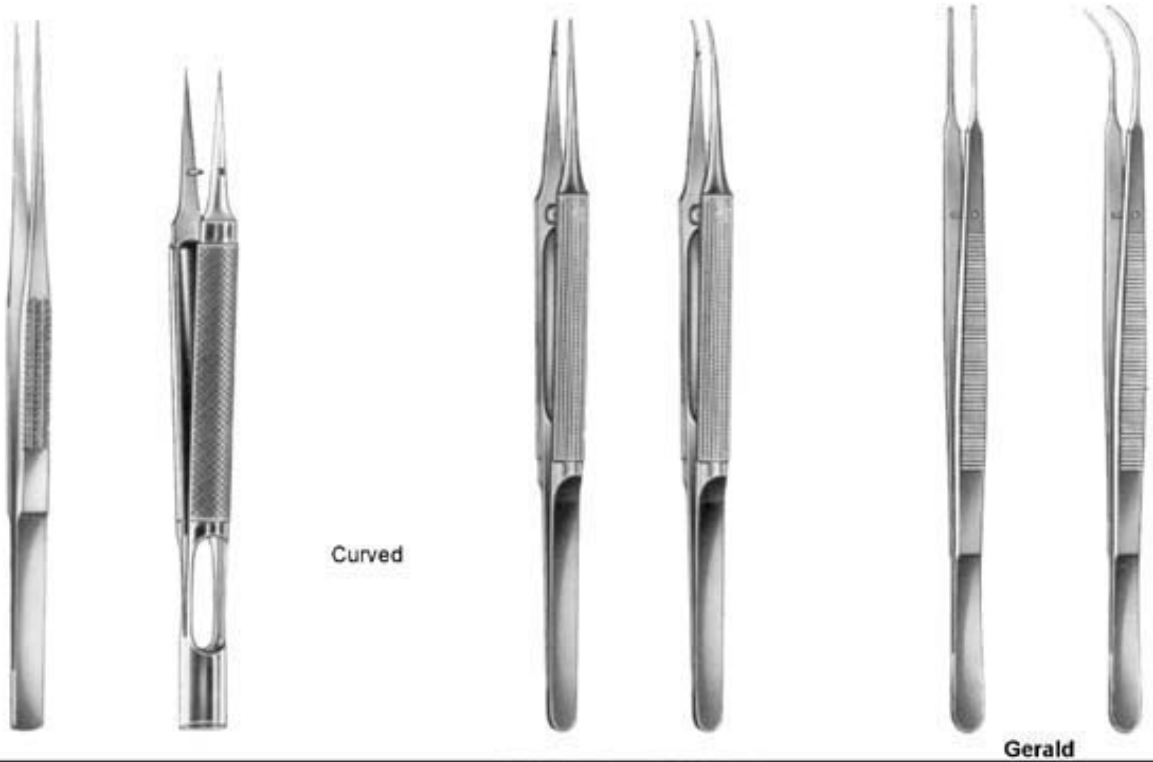


Taylor

15-02856-17	15-02857-17	15-02862-17 17.5cm/7"	15-02863-17	15-02867-17



cm	in	Waugh			Bonney	Brophy	Brophy
15.0	6"	15-02870-15					
18.0	7"	15-02870-18	15-02874-18		15-02882-18		
20.0	8"	15-02870-20	15-02874-20	15-02878-20		15-02886-18	15-02887-18



Curved

cm	in							
							Gerald	
12.0	4¾"				15-02898-12	15-02899-12		
13.0	5"		15-02894-13	15-02895-13				
15.0	6"	15-02890-15			15-02898-15	15-02899-15		
17.5	7"						15-02902-17	15-02903-17
18.0	7"	15-02890-18			15-02898-18	15-02899-18		

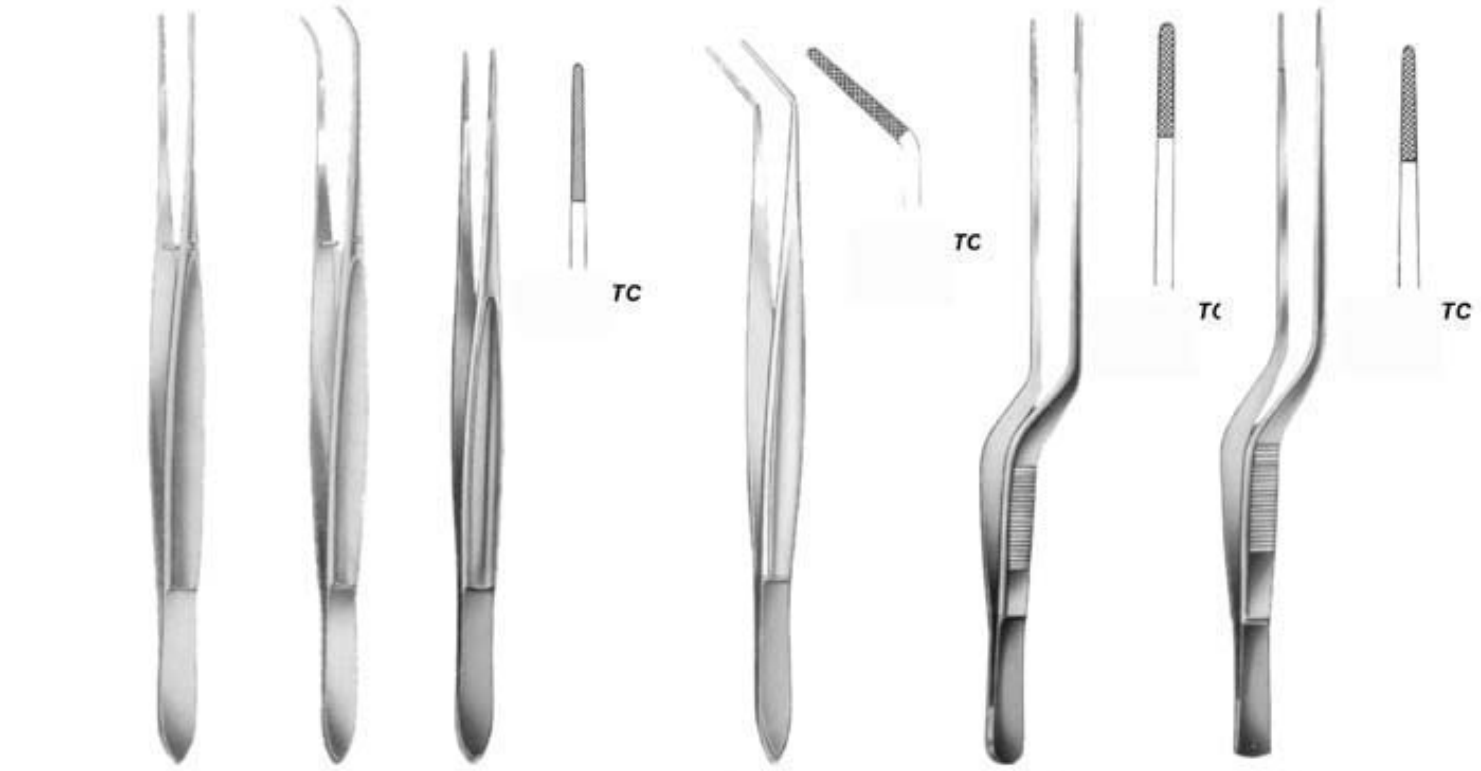
Micro Tubal Forceps



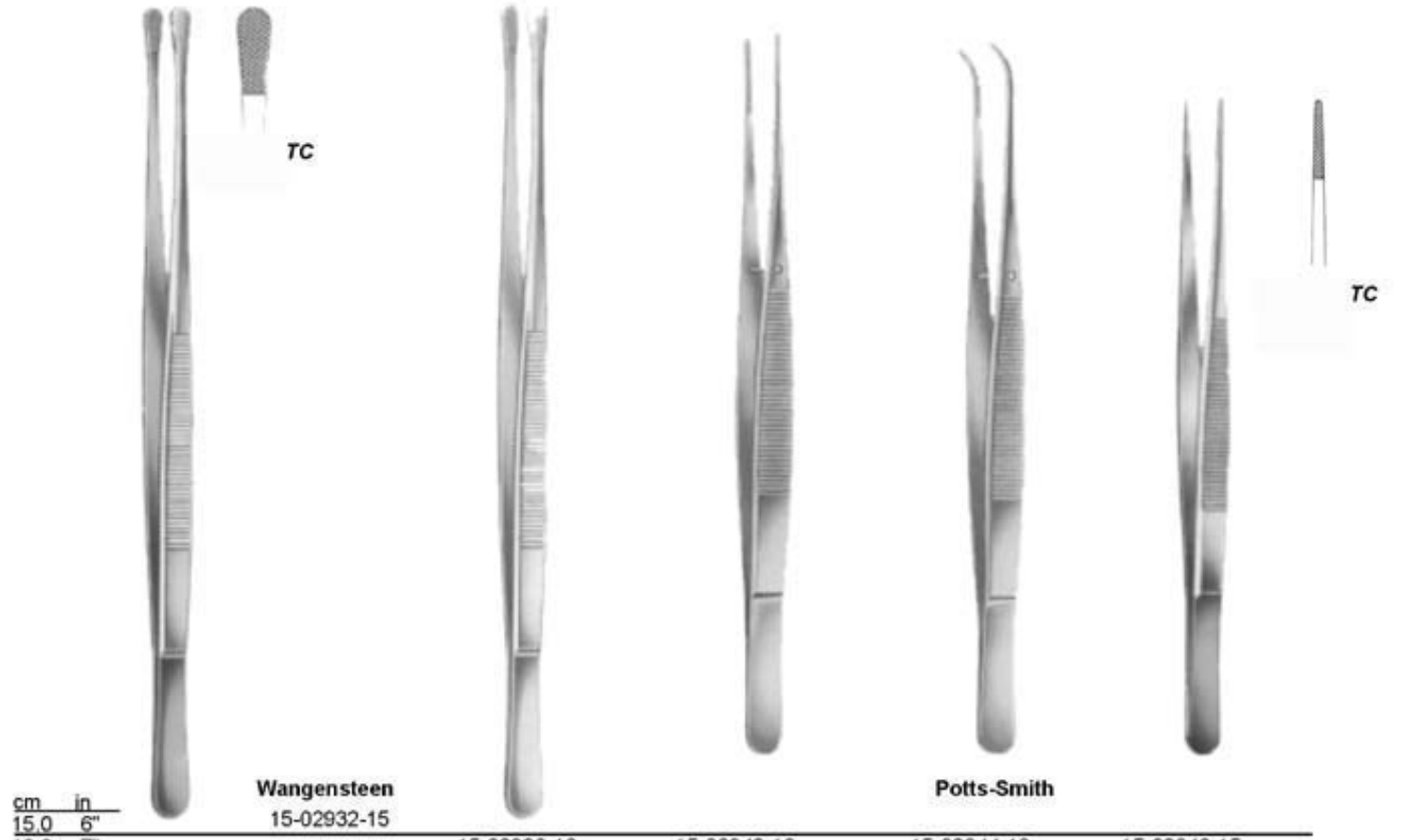
Austin
15-02906-14
14cm/5½"

Austin
15-02908-18
18cm/7"

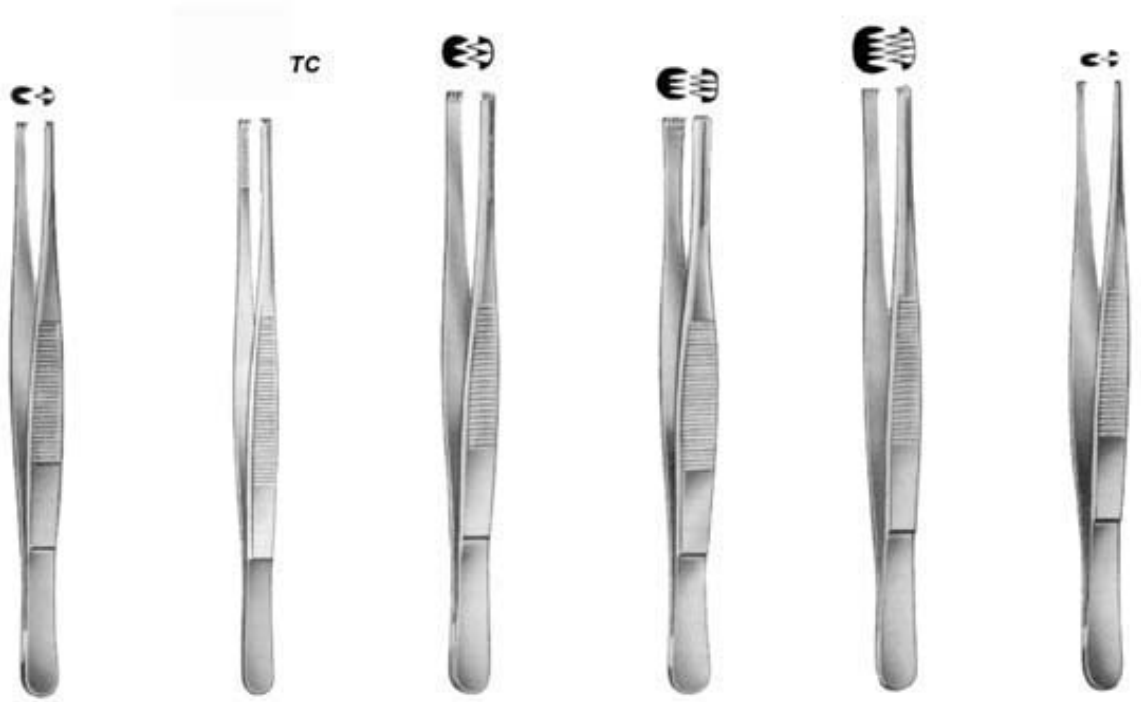
Neubuser
15-02912-20
20cm/8"



cm	in	Cushing	Cushing	Cushing	Cushing	Cushing-Taylor	Grunwald
18.0	7	15-02916-18	15-02917-18	15-02920-18	15-02923-18	15-02927-18	15-02929-18



cm	in	Wangensteen		Potts-Smith		
15.0	6"	15-02932-15				
18.0	7"		15-02936-18	15-02940-18	15-02944-18	15-02948-15
20.0	8"			15-02940-21		15-02948-18
21.0	8¼"			15-02940-25	15-02944-21	15-02948-20
23.0	9"	15-02932-23	15-02936-23			15-02948-23
25.0	10"	15-02932-25			15-02944-25	15-02943-25



cm	in	Standard 1:2	Oehler 1:2	Standard 2:3	Standard 3:4	Standard 4:5	1:2
10.5	4¼"	15-02952-10					
11.5	4½"	15-02952-11					
13.0	5"	15-02952-13		15-02960-13	15-02964-13	15-02968-13	15-02972-13
14.5	5½"	15-02952-14	15-02956-14	15-02960-14	15-02964-14	15-02968-14	15-02972-14
15.0	6"	15-02952-15					
16.0	6¼"	15-02952-16	15-02956-16	15-02960-16	15-02964-16	15-02968-16	15-02972-16
18.0	7"	15-02952-18	15-02956-18	15-02960-18			15-02972-18
20.0	8"	15-02952-20	15-02956-20	15-02960-20			15-02972-20
25.0	10"	15-02952-25	15-02956-25	15-02960-25			15-02972-25
30.0	12"	15-02952-30	15-02956-30	15-02960-30			



Modell USA



Modell USA



Modell USA



narrow

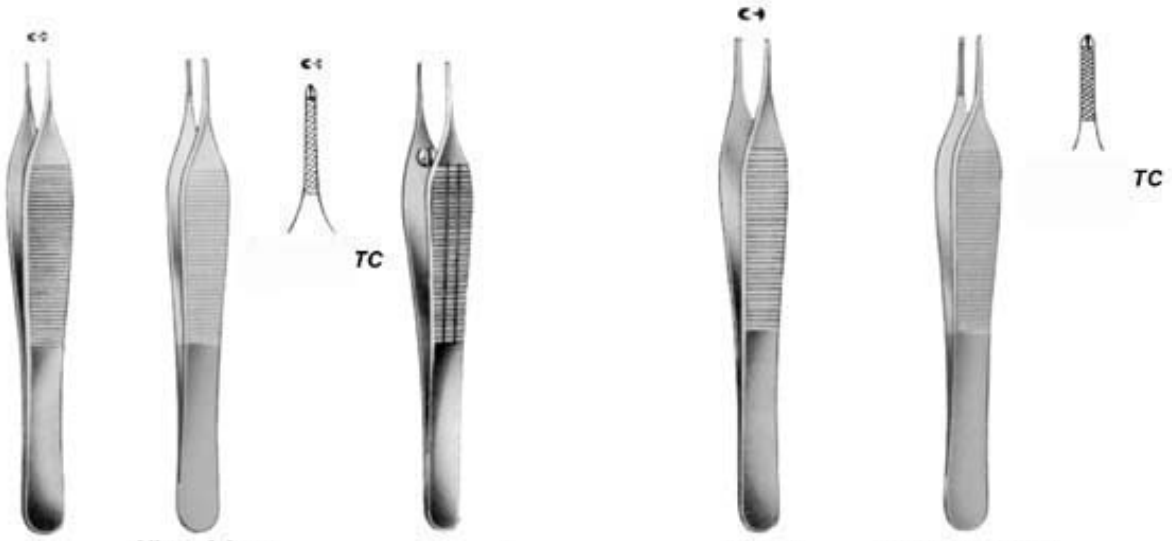
		Standard			
cm	in	1:2	2:3	3:4	1:2
12.0	4/¾"	15-02976-12	15-02980-12		
13.0	5"	15-02976-13	15-02980-13		15-02988-13
14.5	5/¾"	15-02976-14	15-02980-14	15-02984-14	15-02988-14
15.5	6"	15-02976-15			15-02988-15
18.5	7/¼"	15-02976-18	15-02980-18		
21.0	8/¼"	15-02976-21	15-02980-21		
25.0	10"	15-02976-25	15-02980-25		
31.0	12/¼"	15-02976-31	15-02980-31		



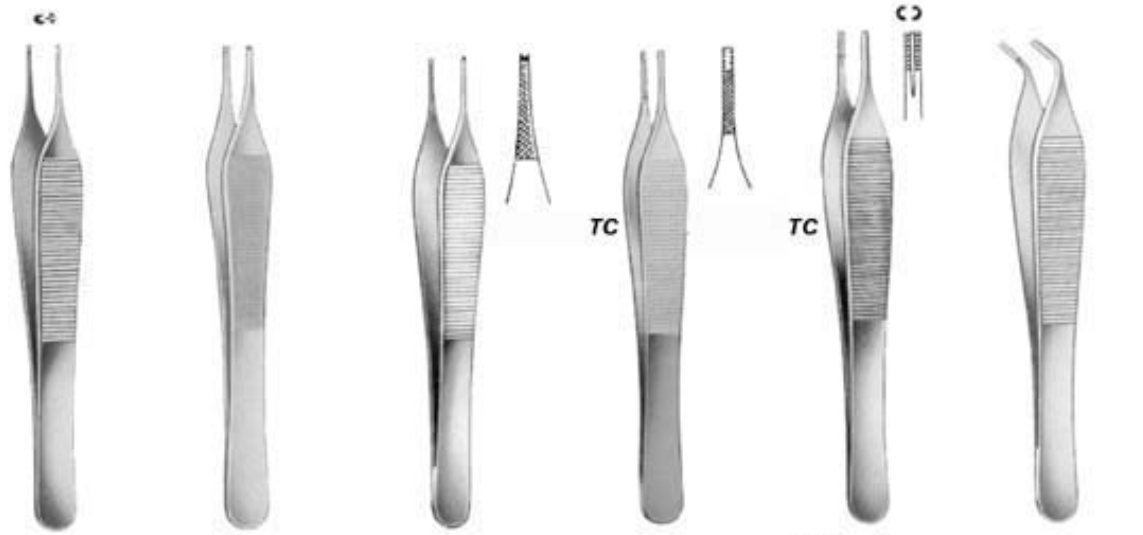




cm	in	Lerche	Stone	Treves
13.0	5"			15-03000-13
15.0	6"	15-02992-15	15-02996-15	15-03000-15



cm	in	Micro-Adson			Ewald	Standard-Adson
12.0	4¾"	15-03004-12	15-03008-12	15-03012-12	15-03016-12	15-03020-12
15.5	6"	15-03004-15	15-03008-15	15-03012-15		15-03020-15



cm	in	Adson			Adson-Brown		
12.0	4¾"	15-03024-12	15-03028-12	15-03032-12	15-03036-12	15-03040-12	15-03041-12
15.0	6"	15-03024-15	15-03028-15				



Gillies
15-03046-15
15 cm/6"



Gillies
15-03050-15
15 cm/6"





Brown
15-03054-15 15 cm/6"
15-03054-20 20 cm/8"
15-03054-25 25 cm/10"



Semken
15-03058-12 12 cm/4¾" 15-03062-12
15-03058-15 15 cm/6" 15-03062-15



Adlerkreutz
15-03066-15 15 cm/6"
15-03066-20 20 cm/8"
15-03066-25 25 cm/10"



Adlerkreutz
15-03070-15 15 cm/6"
15-03070-20 20 cm/8"
15-03070-25 25 cm/10"



Taylor
15-03074-17
17.5 cm/7"



Taylor
15-03075-17
17.5 cm/7"



Taylor
15-03078-17
17.5 cm/7"



Taylor
15-03079-17
17.5 cm/7"











cm	in	Waugh	Brophy	Brophy	Gerald	Gerald
15	6"	15-03082-15				
18	7"	15-03082-18			15-03092-18	15-03093-18
20	8"	15-03082-20	15-03086-20	15-03087-20		



Cushing
15-03096-18
17.5 cm/7"



Cushing
15-03097-18
17.5 cm/7"



Potts-Smith





15-04000-18	18 cm/7"	15-04001-18
15-04000-21	21 cm/8¼"	15-04001-21
15-04000-25	25 cm/10"	15-04001-25



Duval
15-04004-14
14.5 cm/5¾"



Collin-Duval
15-04008-20
20 cm/8"



Durante
15-04012-14 14.5 cm/5¾"
15-04012-16 16.0 cm/6¼"
15-04012-20 20.0 cm/8"

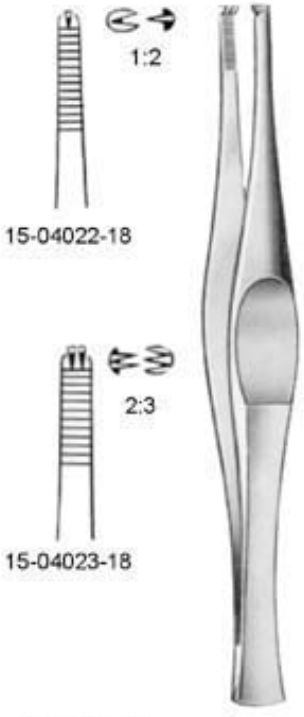


Russ. Modell
15-04016-15 15 cm/6"
15-04016-20 20 cm/8"
15-04016-25 25 cm/10"



Mayo
15-04020-23
23 cm/9"





15-04022-18

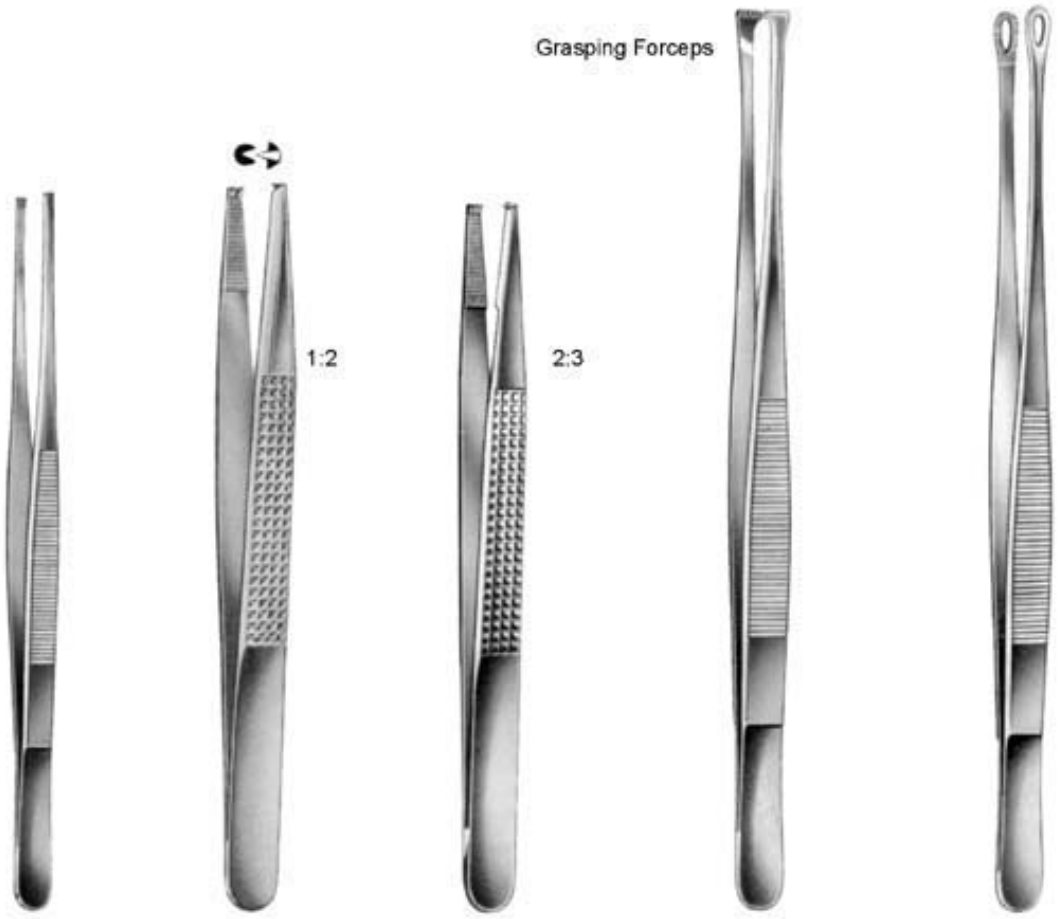
15-04023-18

Ferris-Smith
18 cm/7"



Lane
15-04026-14 14.5 cm/5¾" 15-04028-14
15-04026-20 20.0 cm/8" 15-04028-20

Grasping Forceps



cm	in	Stille-Barraya	Bonney	Bonney	Nelson	Singley-Tuttle
15.0	6"				15-04042-15	
18.0	7"	15-04032-18	15-04036-18	15-04038-18	15-04042-18	15-04046-18
20.0	8"	15-04032-20			15-04042-23	
23.0	9"					15-04046-23
25.0	10"	15-04032-25				

Watchmaker's Forceps

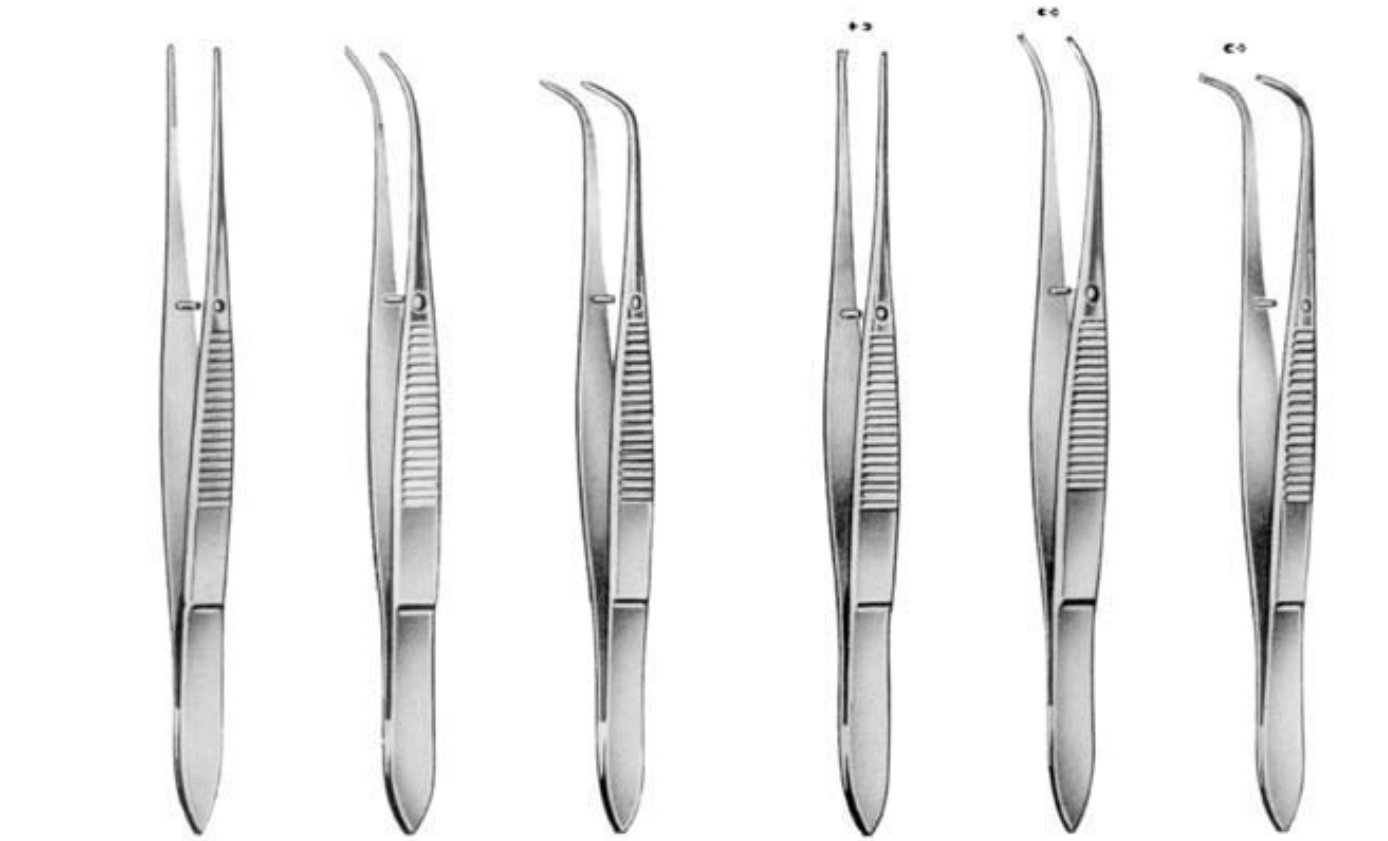


No. 3
15-04050-03
11.5cm/4½"

No. 4
15-04050-04
11.5cm/4½"

No. 5
15-04050-05
11.5cm/4½"

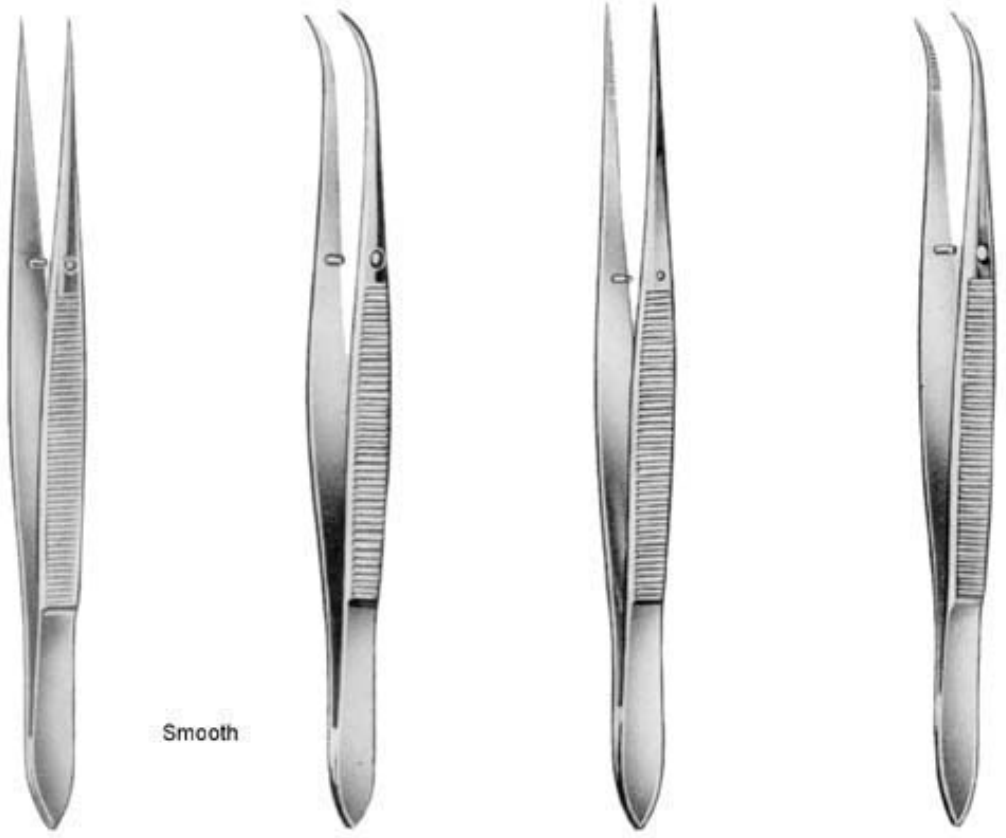
No. 7
15-04050-07
11.5cm/4½"



cm	in						
10.5	4¼"	15-04054-10	15-04055-10	15-04057-10	15-04060-10	15-04061-10	15-04063-10

Splinter Forceps

With pin



Smooth

cm	in				
9.0	3½"	15-04066-09	15-04067-09	15-04070-09	15-04071-09
10.5	4¼"	15-04066-10	15-04067-10	15-04070-10	15-04071-10
11.5	4½"	15-04066-11	15-04067-11	15-04070-11	15-04071-11
12.5	5"	15-04066-12	15-04067-12	15-04070-12	15-04071-12



Feilchenfeld
15-04074-07 7.5cm/3"
15-04074-09 9.0cm/3½"
15-04074-11 11.5cm/4½"



15-04078-10

Hunter
10.5cm/4¼"



15-04079-10



Walter-Carmalt
15-04082-10 10.5cm/4¼" 15-04083-10



Peet
15-04087-11
11.5cm/4½"



Stieglitz
13.5cm/5¼"

Without Ratchet
15-04090-13



With Ratchet
15-04094-13



15-04091-13 15-04095-13



Ralk
15-04098-15
15cm/6"



Ralk
15-04099-15
15cm/6"

Ligature Forceps



Ochsner
15-04102-14
14.5cm/5¾"



Adson
15-04106-12
12cm/4¾"

1:2



Adson
15-04108-12
12cm/4¾"

Cilia Forceps



Beaupre
15-04111-12
12cm/4¾"



Henry
15-04115-12
12cm/4¾"



Gradle
15-04118-09
9.5cm/3¾"



Barraquer
15-04121-10
10.5cm/4¼"



Bennett
15-04124-07
7cm/2¾"









cm	in	Beer	Douglas	Ziegler	
8.0	3¼"	15-04128-08			
9.0	3½"	15-04128-09	15-04132-09	15-04136-09	15-04140-09



Kuehne
15-04144-10
10.5cm/4¼"



Kuehne
15-04145-10
10.5cm/4¼"



15-04148-10
10.5cm/4¼"







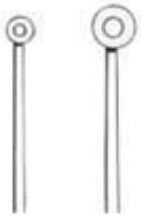
cm	in	1.5 mm	2.0 mm	2.8 mm	3.5 mm	2.0 mm
16.0	6¼"	15-04154-16	15-04156-16	15-04158-16	15-04160-16	15-04161-16
20.0	8"	15-04154-20	15-04156-20	15-04158-20	15-04160-20	15-04161-20
24.0	9½"	15-04154-24	15-04156-24	15-04158-24	15-04160-24	15-04161-24
30.0	12"	15-04154-30	15-04156-30	15-04158-30	15-04160-30	15-04161-30

Adson
15-04164-12 12cm/4¾"
15-04164-15 15cm/6"

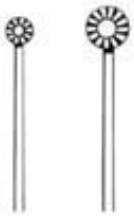


cm	in	Troeltsch (Wilde)	Troeltsch	Lucae	Lucae	Jansen (Gruenwald)	Jansen
11.5	4½"	15-04167-11					
12.0	4¾"	15-04167-12	15-04171-12	15-04175-14	15-04177-14		
14.0	5½"						
15.0	6"	15-04167-15					
16.0	6¼"					15-04181-16	15-04183-16
18.0	7"	15-04167-18				15-04181-18	15-04183-18
20.0	8"					15-04181-20	15-04183-20





Jaw spoon, Shaped
3 mm 15-04187-03
5 mm 15-04187-05



Jaw falt, Serrated
3 mm 15-04189-03
5 mm 15-04189-05



Curette Jaw, Toothed
3 mm 15-04191-03
5 mm 15-04191-05

Yasargil
22cm/8½"











	1 x 0.5 mm⌀	1 x 0.5 mm⌀	2 x 1 mm ⌀	2 x 1 mm ⌀
15cm/6"	15-04194-16	15-04196-16		
18cm/7"			15-04198-18	15-04200-18
22cm/8¾"	15-04194-22	15-04196-22	15-04198-22	15-04200-22



Yasargil

	Ø3 mm	Ø5 mm	Ø7 mm
22cm/8¾"	15-04203-22	15-04205-22	15-04207-24
24cm/9½"	15-04203-24	15-04205-24	

	Ø3 mm	Ø3 mm	Ø5 mm
22cm/8¾"	15-04209-22	15-04211-22	15-04213-22

Ø5 mm
15-04215-22
22cm/8¾"



Yasargil

	0.6 mm	0.9 mm
16cm/6¼"	15-04219-16	15-04221-16
18cm/7"	15-04219-18	15-04221-18
20cm/8"	15-04219-20	15-04221-20
22cm/8¾"	15-04219-22	15-04221-22
24cm/9½"	15-04219-24	15-04221-24



15-04223-18
18cm/7"



Dieffenbach
16-04226-03
3.5cm/1½"
16-04226-05
5cm/2"



Dieffenbach
16-04227-03
3.5cm/1½"
16-04227-05
5cm/2"



Dieffenbach
16-04230-06
6cm/2½"



Dieffenbach
16-04231-06
6cm/2½"

Straight

16-04234-01 38mm/1½"
16-04234-02 51mm/2"
16-04234-03 57mm/2¼"
16-04234-04 63mm/2½"
16-04234-05 70mm/2¾"
16-04234-06 75mm/3"
16-04234-07 90mm/3½"

Curved

16-04235-01 38mm/1½"
16-04235-02 51mm/2"
16-04235-03 57mm/2¼"
16-04235-04 63mm/2½"
16-04235-05 70mm/2¾"
16-04235-06 75mm/3"
16-04235-07 90mm/3½"



Johns-Hopkins

For Bulldog Clamps



Johns-Hopkins
16-04237-24
24.5cm/9¾"

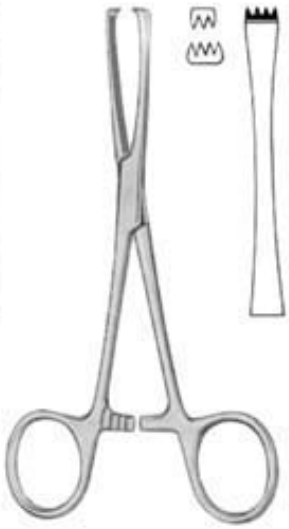
Haemorrhoidal Clamps



Carrel
16-04240-10
10cm/4"



Chaput
16-04242-13
13cm/5"



Tuffier
16-04246-13
13cm/5"



Pratt
16-04250-15
15cm/6"



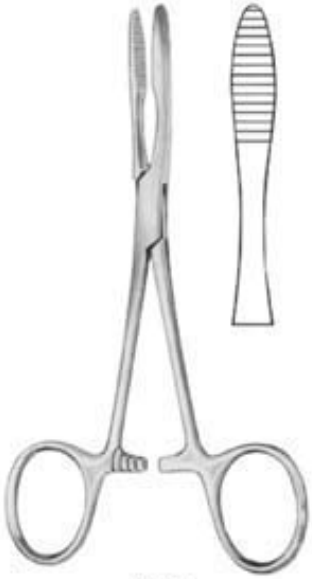
Terrier
16-04254-10
10 cm/4"



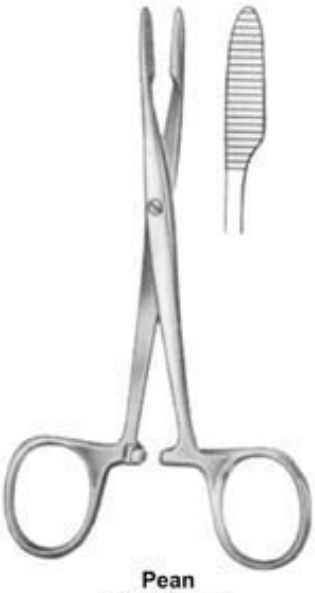
Pennington
16-04258-15 15 cm/6"
16-04558-20 20 cm/8"



Pean
16-04262-12
12.5 cm/5"



Pean
16-04266-14 14 cm/5 3/8"
16-04566-16 16 cm/6 1/4"



Pean
16-04270-14
14 cm/5 ½"



Collin
16-04274-15
15.5 cm/6"



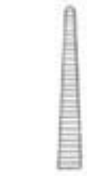
Collin
16-04278-14
14 cm/5½"



Collin
16-04282-16
16.5 cm/6½"



Hartmann
10 cm/4"



16-04286-10



16-04290-10



16-04287-10



16-04291-10



Halstead-Mosquito
12 cm/4¾"
14 cm/5½"



16-04294-12
16-04294-14



16-04295-12
16-04295-14



16-04298-12
16-04298-14



16-04299-12
16-04299-14



Micro-Mosquito
10 cm/4"
12 cm/4¾"



16-04302-10
16-04302-12



16-04303-10
16-04303-12



16-04306-10
16-04306-12



16-04307-10
16-04307-12



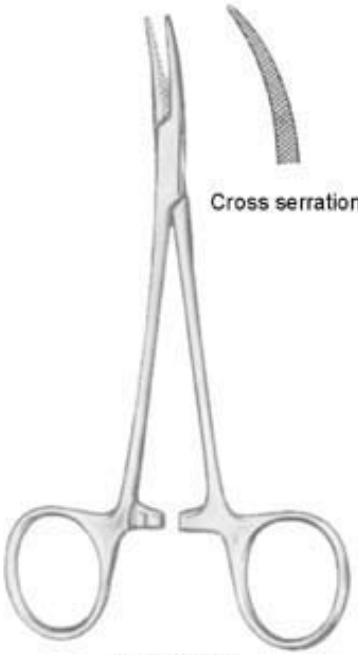
Jacobson-Halstead
13 cm/5"

Very fine

16-04310-13



16-04311-13



16-04315-12
12 cm/4¾"



Halstead-Mosquito
18 cm/7"
21 cm/8¼"



16-04318-18
16-04318-21



16-04319-18
16-04319-21



16-04322-18
16-04322-21



16-04323-18
16-04323-21



Kelly
14 cm/5½"

Kelly-Rankin
16 cm/6¼"



16-04326-14



14 cm/5½" 16-04327-14



16-04330-16

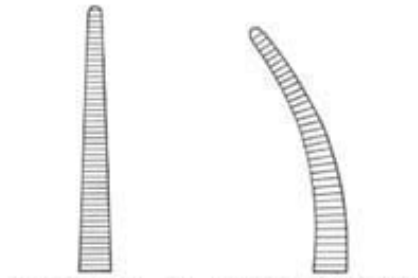


16 cm/6¼" 16-04331-16

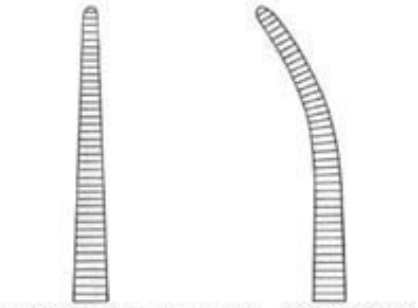


Crile
14 cm/5½"

Crile-Rankin
16 cm/6¼"



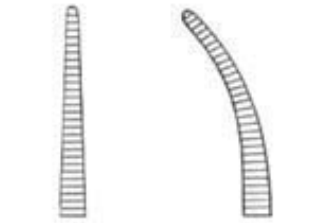
16-04334-14 14 cm/5½" 16-04335-14



16-04338-16 16 cm/6¼" 16-04339-16



Baby-Crile
14 cm/5½"

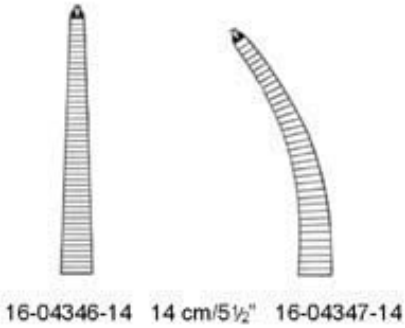


16-04342-14 16-04343-14

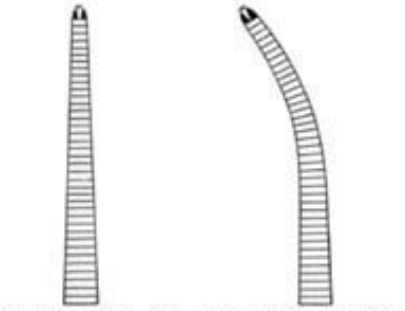


Crile
14 cm/5½"

Crile-Rankin
16 cm/6¼"



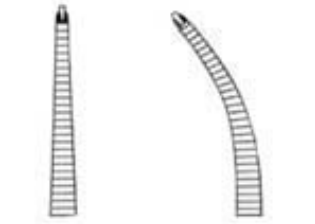
16-04346-14 14 cm/5½" 16-04347-14



16-04350-16 16 cm/6¼" 16-04351-16



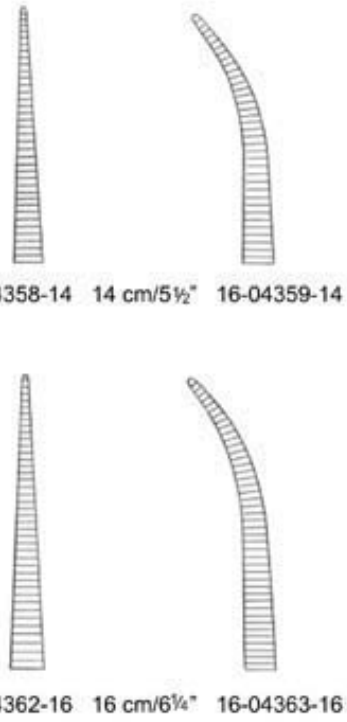
Baby-Crile
14 cm/5½"



16-04354-14 16-04355-14



Coller-Crile



16-04358-14 14 cm/5½" 16-04359-14

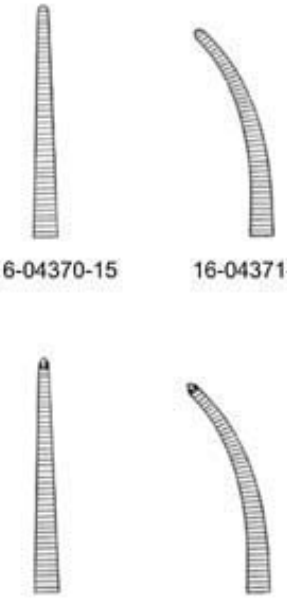
16-04362-16 16 cm/6¼" 16-04363-16



Coller-Crile
16-04367-16
16 cm/6¼"



Leriche
15 cm/6"



16-04370-15 16-04371-15

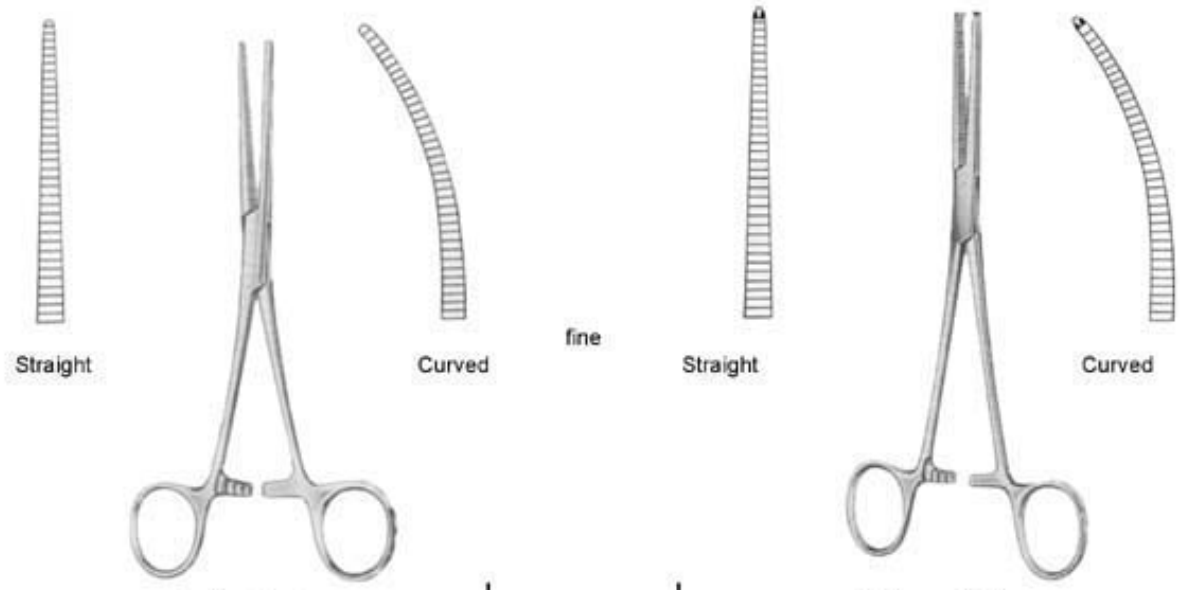
16-04374-15 16-04375-15



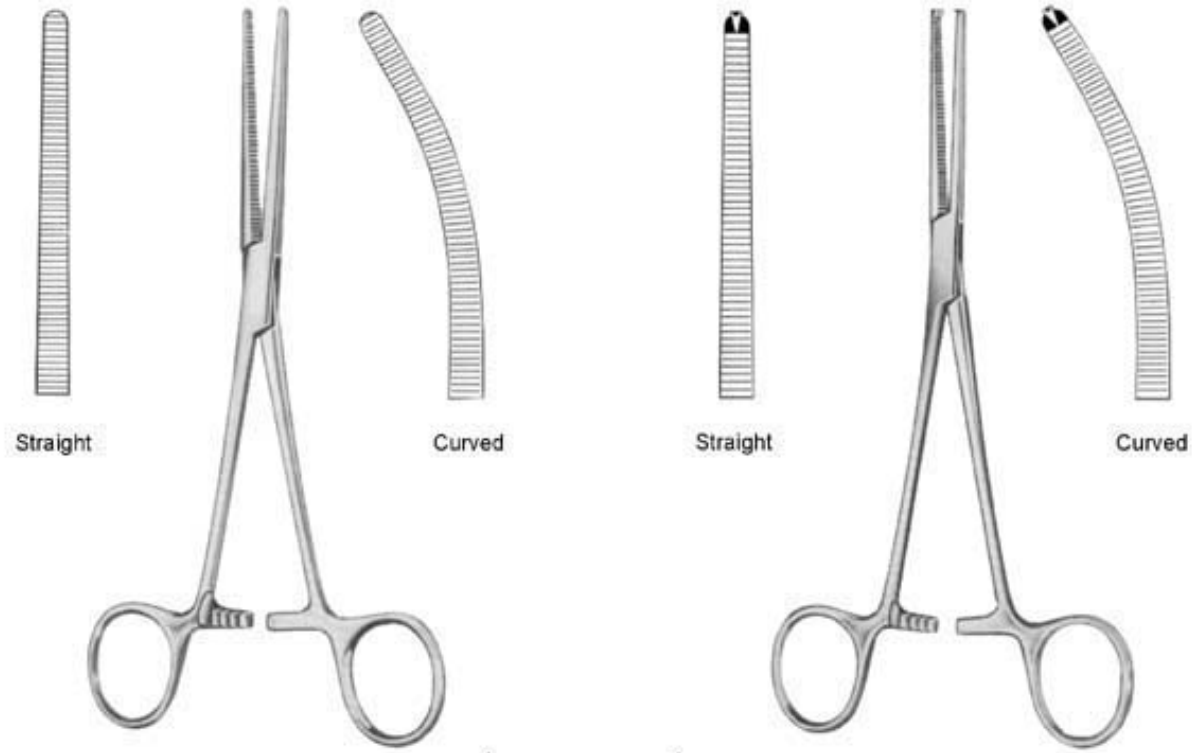
16-04378-14

16-04379-14

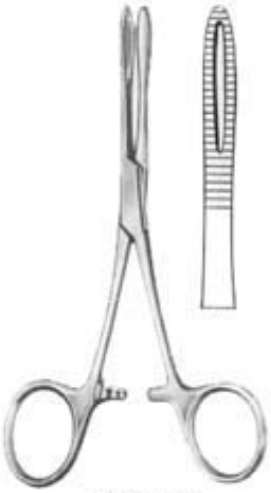
Providence
14 cm/5½"



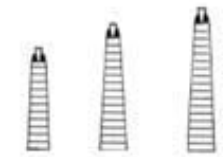
Rochester-Pean		cm	in	Ochsner-Kocher	
16-04382-13	16-04383-13	13.0	5"	16-04386-13	16-04387-13
16-04382-14	16-04383-14	14.0	5/½"	16-04386-14	16-04387-14
16-04382-16	16-04383-16	16.0	6/¼"	16-04386-16	16-04387-16



Rochester-Pean		cm	in	Ochsner-Kocher	
16-04390-13	16-04391-13	13.0	5"	16-04394-13	16-04395-13
16-04390-14	16-04391-14	14.0	5/½"	16-04394-14	16-04395-14
16-04390-16	16-04391-16	16.0	6/¼"	16-04394-16	16-04395-16
16-04390-18	16-04391-18	18.0	7"	16-04394-18	16-04395-18
16-04390-20	16-04391-20	20.0	8"	16-04394-20	16-04395-20
16-04390-22	16-04391-22	22.0	8/¾"	16-04394-22	16-04395-22
16-04390-24	16-04391-24	24.0	9/½"	16-04394-24	16-04395-24
16-04390-26	16-04391-26	26.0	10/¼"	16-04394-26	16-04395-26
16-04390-30	16-04391-30	30.0	12"	16-04394-30	16-04395-30



Kronlein
16-04398-13
13cm/5"



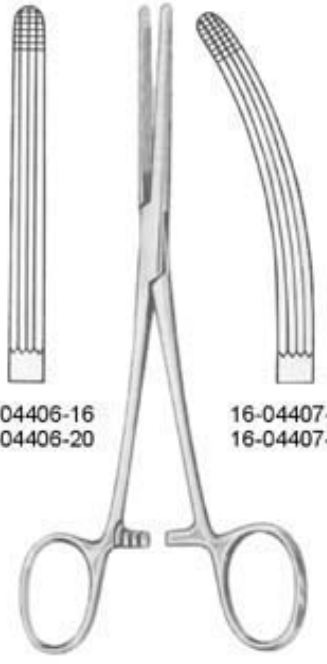
Tendon Seizing Forceps



Brand
16-04402-15 15cm/6"
16-04402-19 19cm/7½"
16-04402-24 24cm/9½"



Brand
16-04403-15 15cm/6"
16-04403-19 19cm/7½"
16-04403-24 24cm/9½"

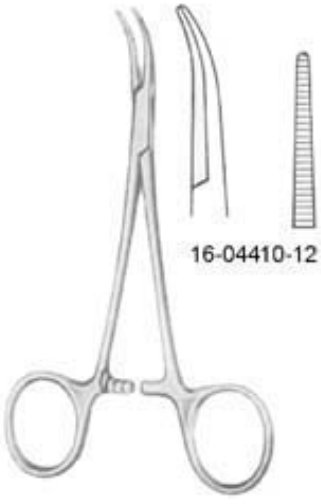


16-04406-16
16-04406-20

16-04407-16
16-04407-20

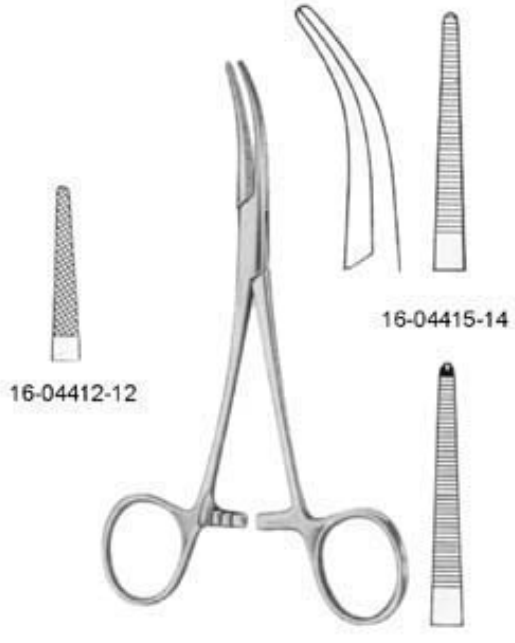
Rochester-Carmalt
16cm/6¼"
20cm/8"

Lateral Curved



16-04410-12

Mosquito-Dandy
12cm/4¾"



16-04412-12

16-04415-14

Dandy
14cm/5½"

16-04416-14



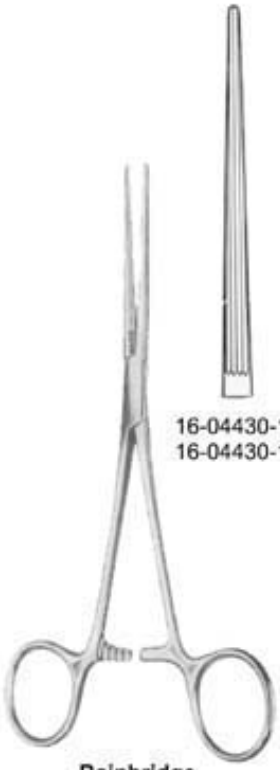
Lovelace
16-04420-15
15.5cm/6"



Dixon-Lovelace
16-04424-16
16cm/6¼"



Dixon-Lovelace
16-04426-16
16cm/6¼"





16-04430-15
16-04430-18

16-04431-15
16-04431-18

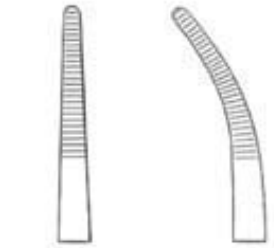
Bainbridge
15cm/6"
18cm/7"



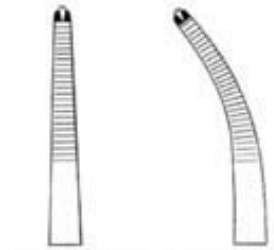
Fuchsig
16-04435-19
19cm/7½"



Adson
18.5cm/7¼"



16-04438-18 16-04439-18



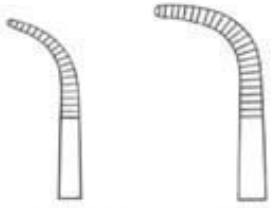
16-04442-18 16-04443-18



Nissen
16-04446-18 18.5cm/7¼"
16-04446-22 22.0cm/8¾"



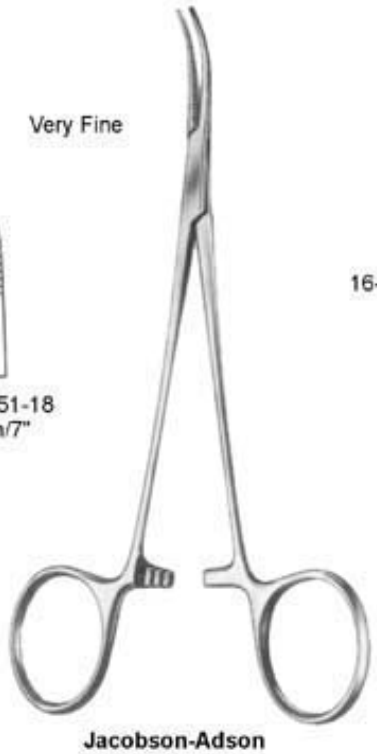
Baby-Adson



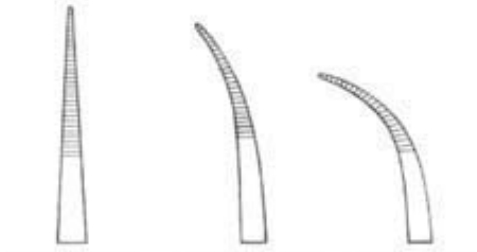
16-04449-14
14cm/5½"

16-04451-18
18cm/7"

Very Fine



Jacobson-Adson
18cm/7"

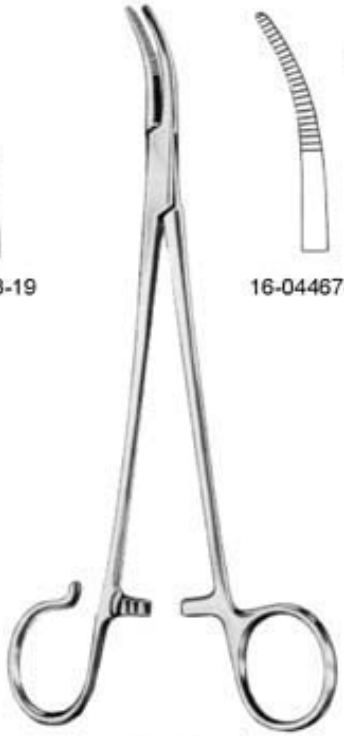


16-04454-18 16-04455-18 16-04457-18



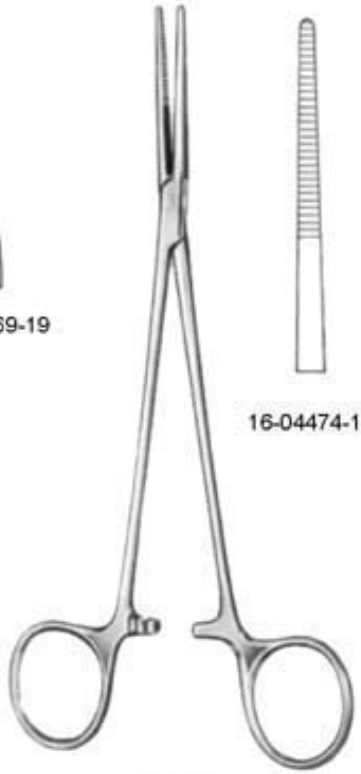
16-04461-19 16-04463-19

Schnidt
19cm/7½"



16-04467-19 16-04469-19

Schnidt
19cm/7½"

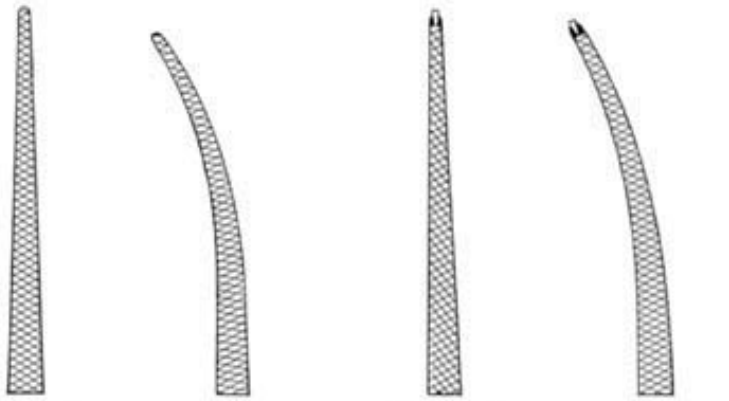


16-04474-19 16-04475-19

Birkett
19cm/7½"



Bengolea



20cm/8"	16-04478-20	16-04479-20	16-04482-20	16-04483-20
22cm/8¾"	16-04478-22	16-04479-22	16-04482-22	16-04483-22
24cm/9½"	16-04478-24	16-04479-24	16-04482-24	16-04483-24
26cm/10¼"	16-04478-26	16-04479-26	16-04482-26	16-04483-26





16-04486-27



16-04487-27

Bridge
27cm/10½"





16-04490-22

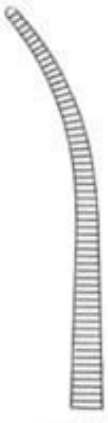


16-04491-22

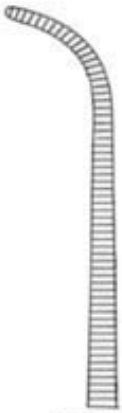
Roberts
22cm/8¾"



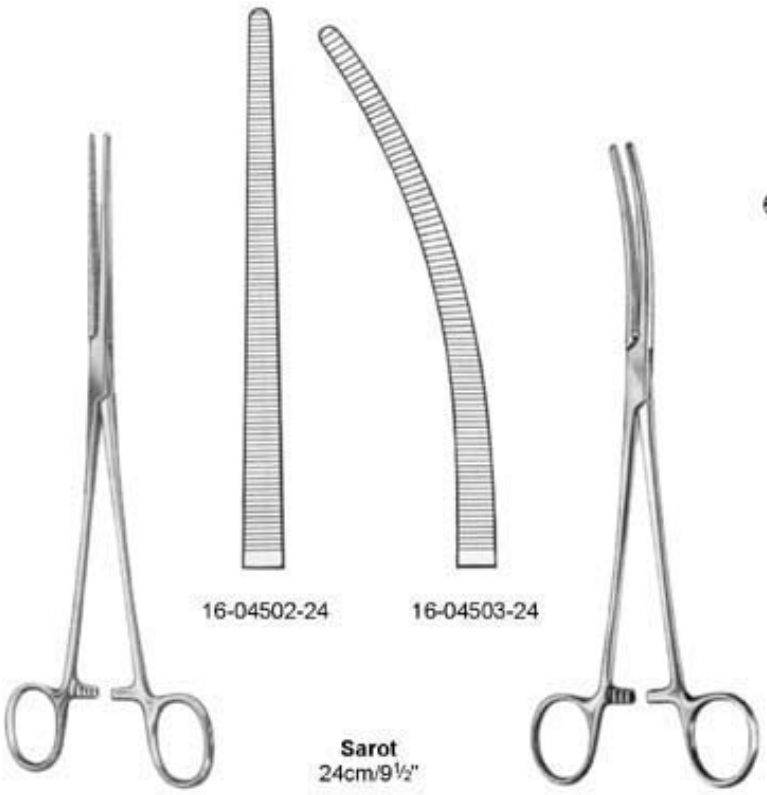
Kelly





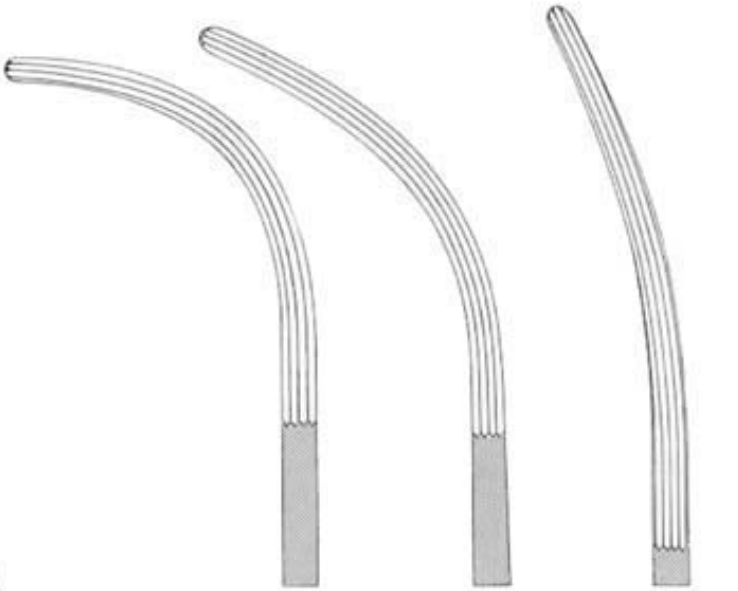


19cm/7½"	16-04495-19	16-04497-19	16-04499-19
22cm/8¾"	16-04495-22	16-04497-22	16-04499-22
24cm/9½"	16-04495-24	16-04497-24	16-04499-24



16-04502-24 16-04503-24

Sarot
24cm/9½"

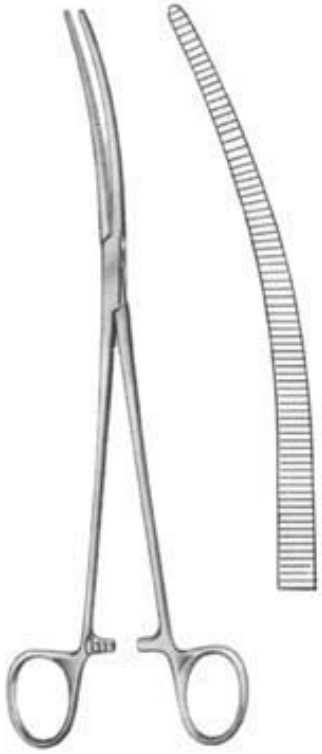


16-04507-22
22cm/8¾"

16-04507-23
23cm/9"

16-04507-24
24cm/9½"

Crafoord-Sellors



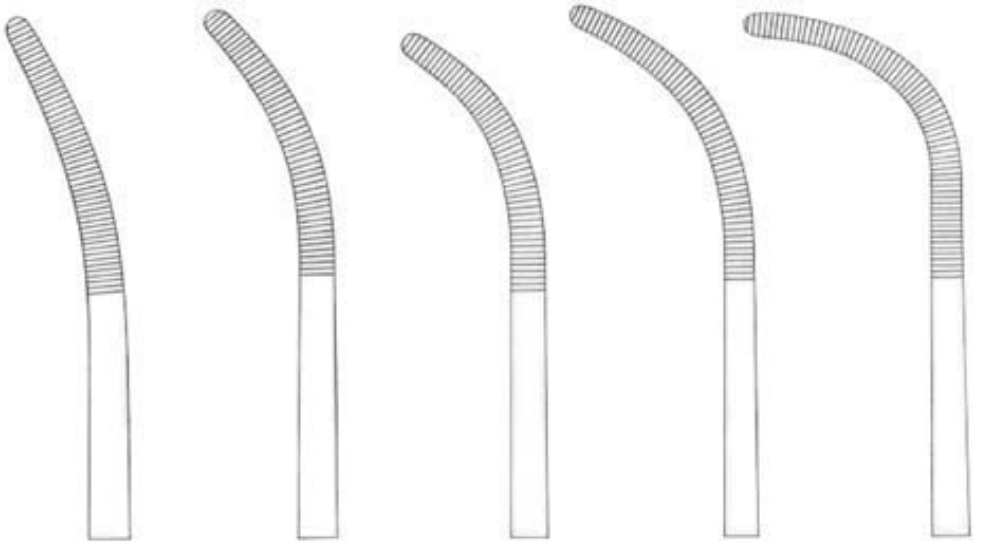
Crafoord
16-04511-18 18cm/7"
16-04511-24 24cm/9½"



Kantrowtiz
16-04515-19 19cm/7½"
16-04515-24 24cm/9½"
16-04515-26 26.5cm/10½"



Rumel
23cm/9"



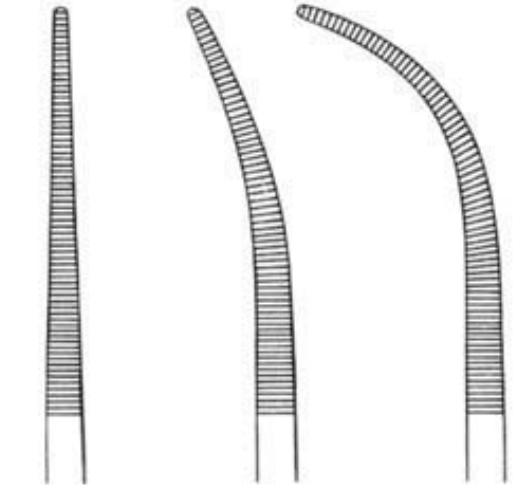
16-04519-23 16-04521-23 16-04523-23 16-04525-23 16-04527-23



Johns Hopkins
16-04531-20
20cm/8"



Zenker
29.5cm/11½"



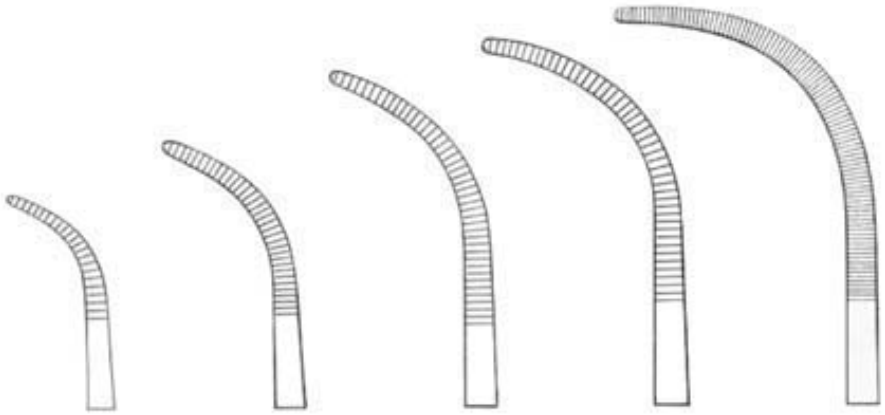
16-4534-29 16-4535-29 16-4537-29



Baby-Overholt
16-04541-13
13.5cm/5¼"



Overholt-Slim



16-04545-18
18.5cm/7¼"

16-04547-20
20.5cm/8"

16-04549-21
21cm/8¼"

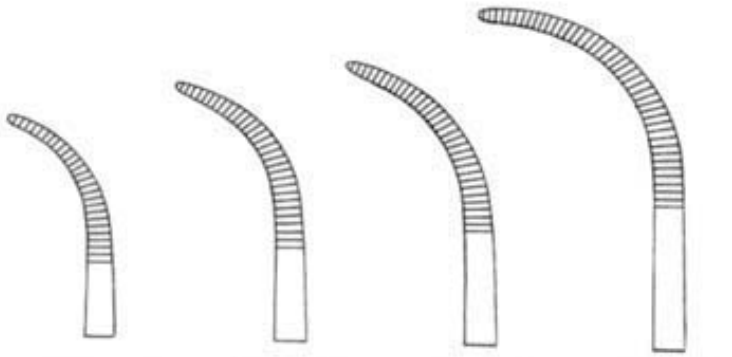
16-04551-21
21.5cm/8½"

16-04553-24
24cm/9½"





Overholt-Slim



16-04557-18
18.5cm/7¼"

16-04559-20
20.5cm/8"

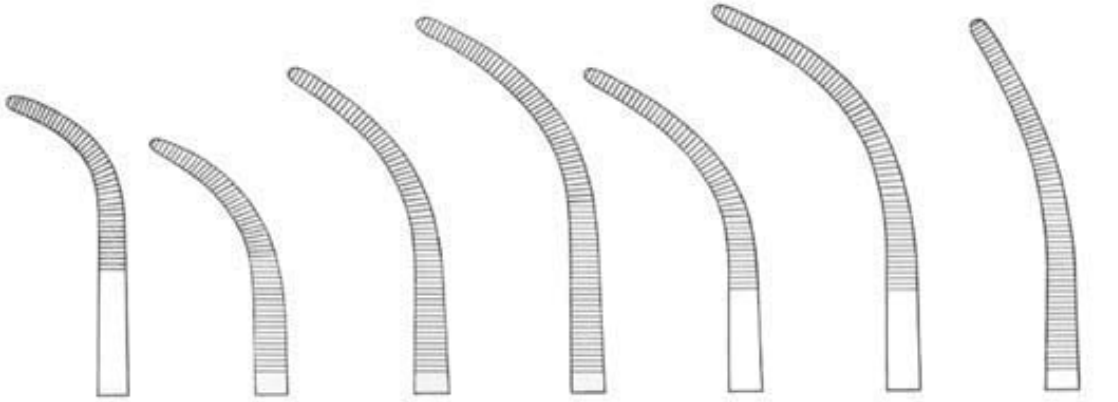
16-04561-21
21cm/8¼"

16-04563-21
21.5cm/8¼"





Overholt-Geissendorfer
21cm/8¼"
27cm/10½"



16-04567-21
16-04567-27

16-04569-21
16-04569-27

16-04571-21
16-04571-27

16-04573-21
16-04573-27

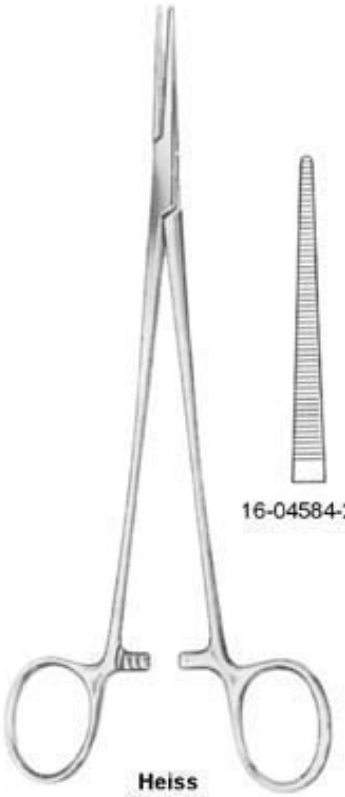
16-04575-21
16-04575-27

16-04577-21
16-04577-27

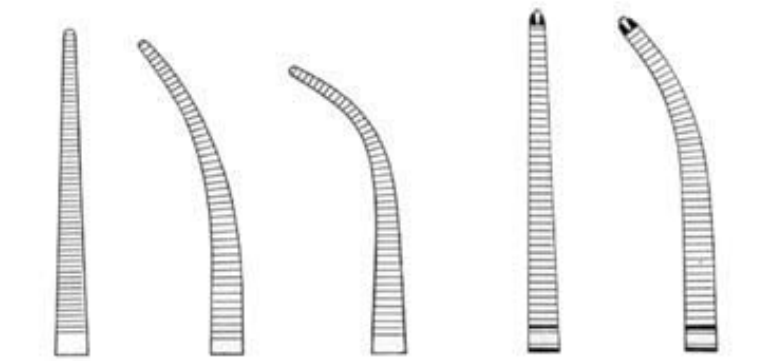
16-04579-21
16-04579-27



Overholt-Mixter
16-04581-21
21cm/8¼"



Heiss
20cm/8"



16-04584-20

16-04585-20

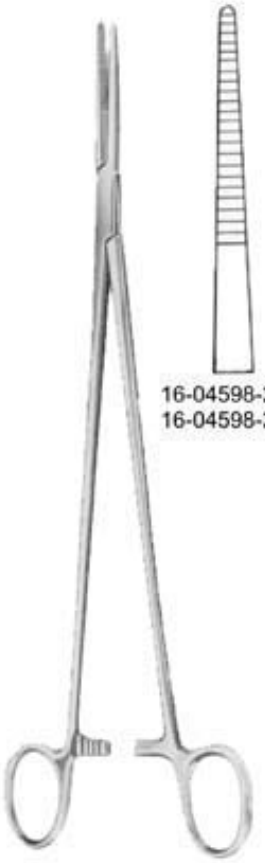
16-04587-20

16-04589-20

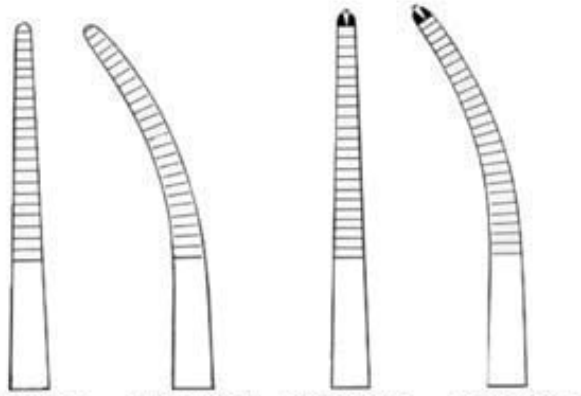
16-04591-20



Meeker
16-04595-27
27 cm/10½"



Toennis
21 cm/8¼"
26 cm/10¼"



16-04598-21
16-04598-27

16-04599-21
16-04599-27

16-04602-21
16-04602-27

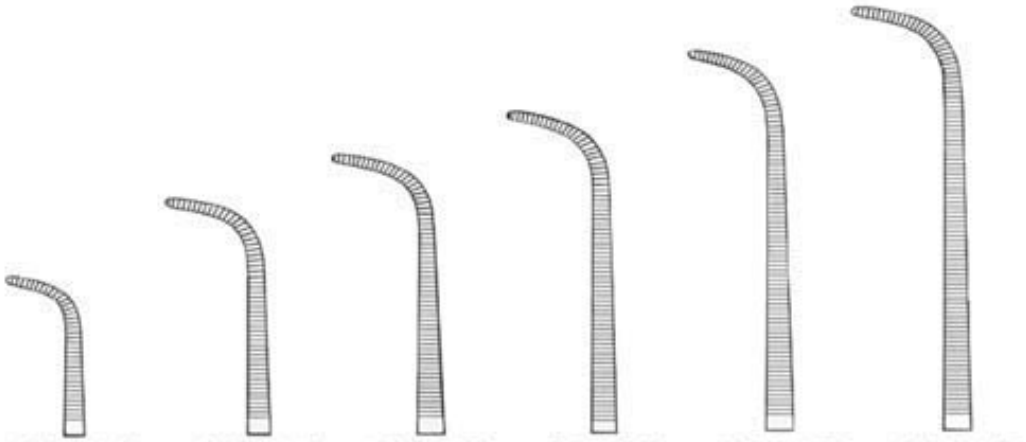
16-04603-21
16-04603-27



Lower
16-04607-18
18 cm/7"



Gemini



16-04611-13
13 cm/5"

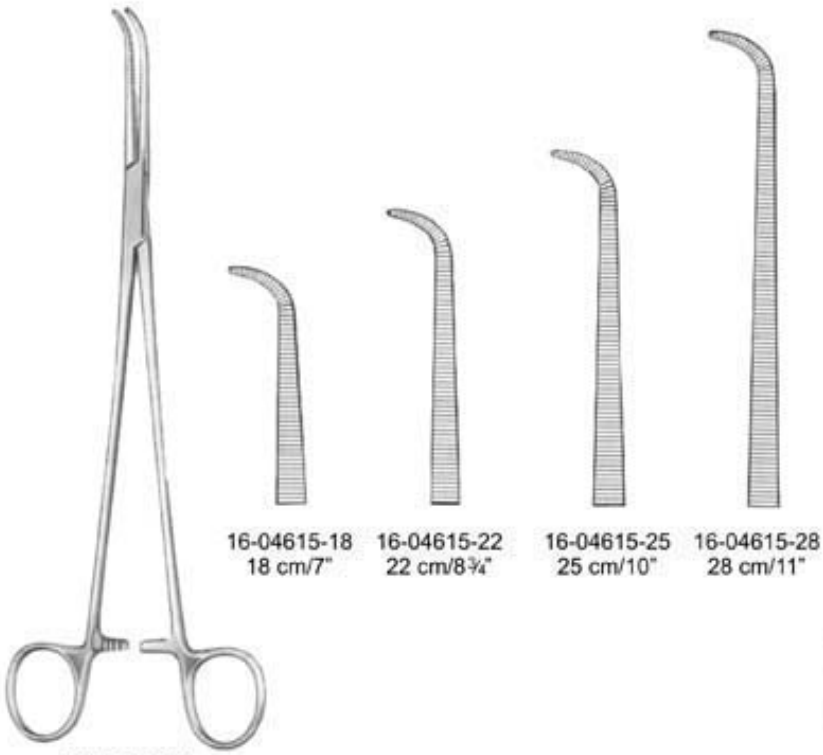
16-04611-18
18 cm/7"

16-04611-20
20 cm/8"

16-04611-23
23 cm/9"

16-04611-25
25 cm/10"

16-04611-27
27 cm/10½"



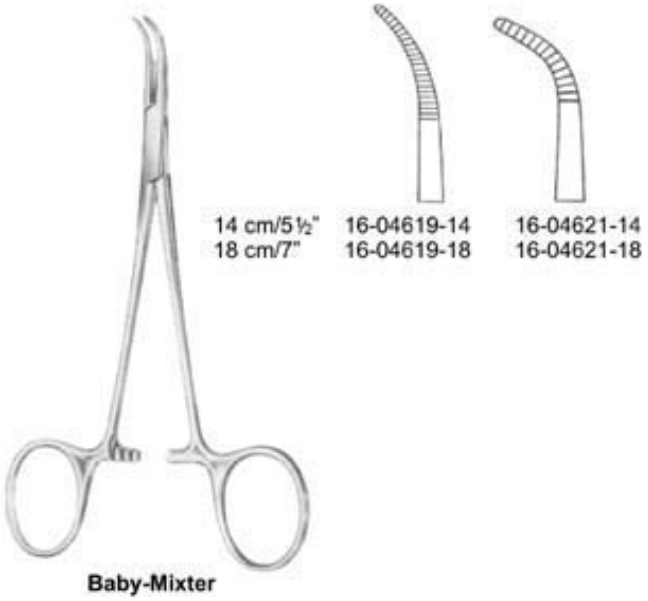
16-04615-18
18 cm/7"

16-04615-22
22 cm/8¾"

16-04615-25
25 cm/10"

16-04615-28
28 cm/11"

Mini-Gemini



14 cm/5½"
18 cm/7"

16-04619-14
16-04619-18

16-04621-14
16-04621-18

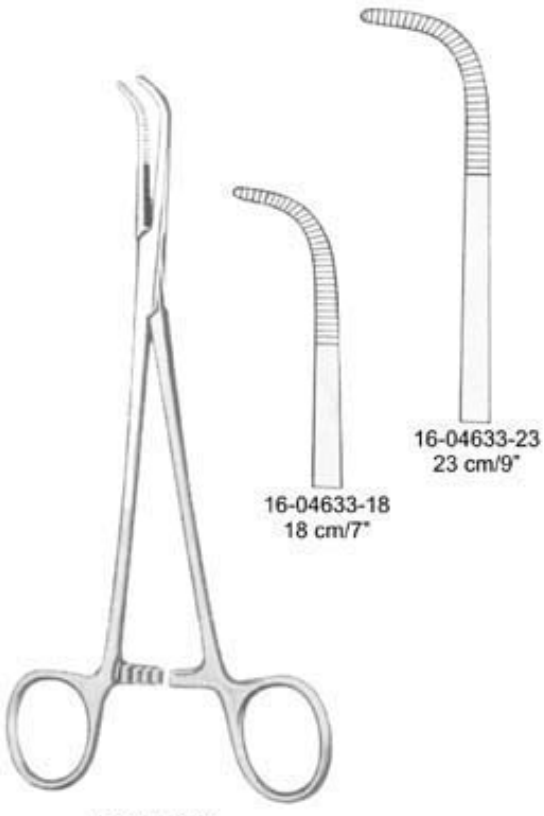
Baby-Mixter



Mixter
16-04625-15 15 cm/6"
16-04625-19 19 cm/7½"



Mixter-O'Shaugnessy
16-04629-15 15.5 cm/6"
16-04629-19 19.0 cm/7½"



16-04633-18
18 cm/7"

16-04633-23
23 cm/9"

Mixter-Slim





16-04637-22
22 cm/8¾"

16-04637-25
25 cm/10"

16-04637-28
28 cm/11"

Mixter



Mixter
16-04641-22
22 cm/8¾"

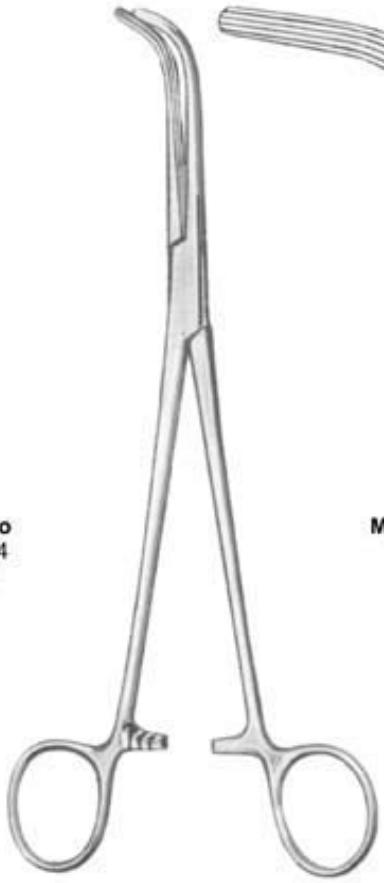


Wickstroem
16-04645-20
20 cm/8"





Finocchietto
16-04649-24
24 cm/9½"





Mc Quigg-Mixter
16-04653-22
22 cm/8¾"

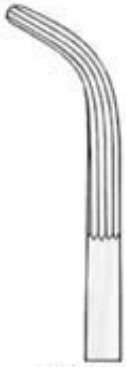


Lawrence
16-04657-27
27.5 cm/10¾"



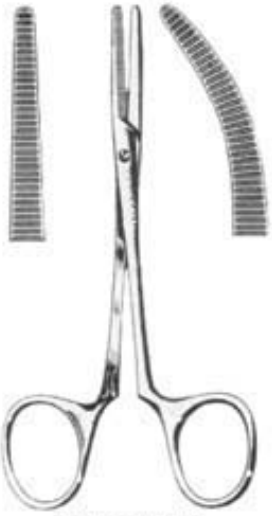


16-04661-19
19 cm/7½"



16-04663-23
23 cm/9"

Lahey (Sweet)



Spencer-Wells

16-04664-13	13 cm/5"	16-04665-13
16-04664-15	15 cm/6"	16-04665-15
16-04664-18	18 cm/7"	16-04665-18
16-04664-20	20 cm/8"	16-04665-20
16-04664-23	23 cm/9"	16-04665-23

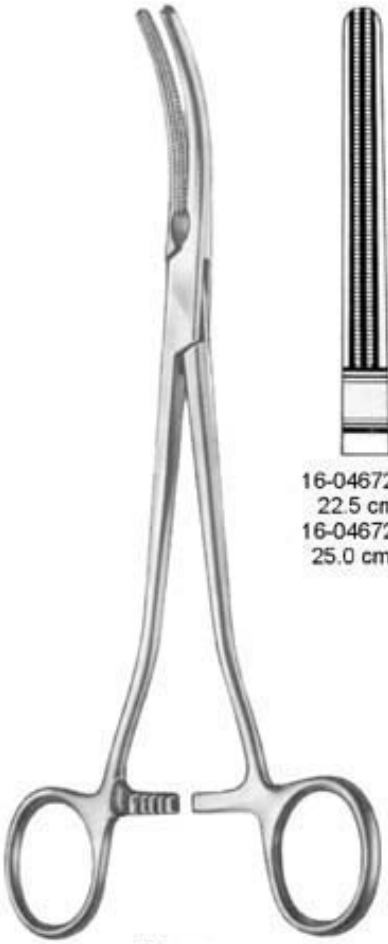


Spencer-Wells





16-04668-13	13 cm/5"	16-04669-13
16-04668-14	14 cm/5½"	16-04669-14
16-04668-15	15 cm/6"	16-04669-15
16-04668-18	18 cm/7"	16-04669-18
16-04668-20	20 cm/8"	16-04669-20
16-04668-23	23 cm/9"	16-04669-23



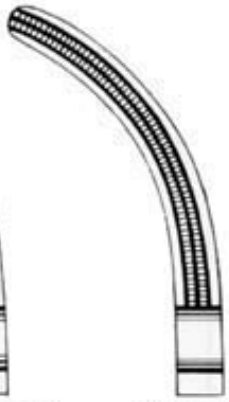
Rogers



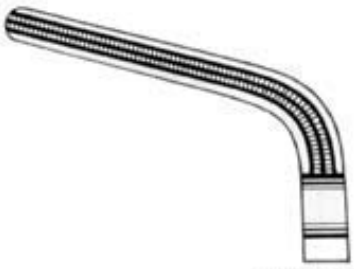
16-04672-22
22.5 cm/9"
16-04672-25
25.0 cm/10"



16-04673-22
22.0 cm/8¾"
16-04673-24
24.5 cm/9¾"



16-04675-21
21.5 cm/8½"
16-04675-24
24.5 cm/9½"



16-04679-20
20.5 cm/8"
16-04679-23
23.5 cm/9"



Heaney



19.5 cm/7½" 16-04683-19
21.5 cm/8¼" 16-04683-21
23.5 cm/9" 16-04683-23



16-04685-19
16-04685-21
16-04685-23



Heaney-Slim
16-04687-21
21 cm/8¼"



Ballentine
16-04690-21
21cm/8¼"



Heaney-Ballentine
16-04691-21
21cm/8¼"



Tonsil Forceps

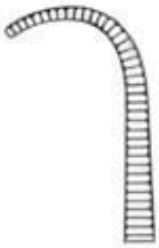


Fig. 1

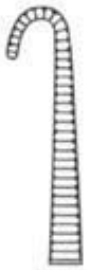
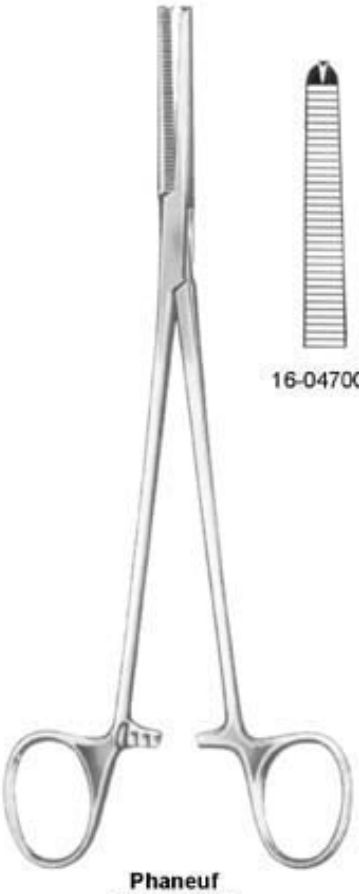
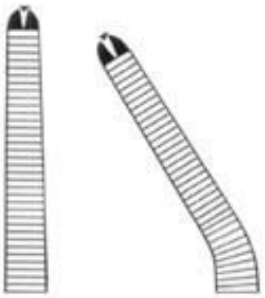


Fig. 2

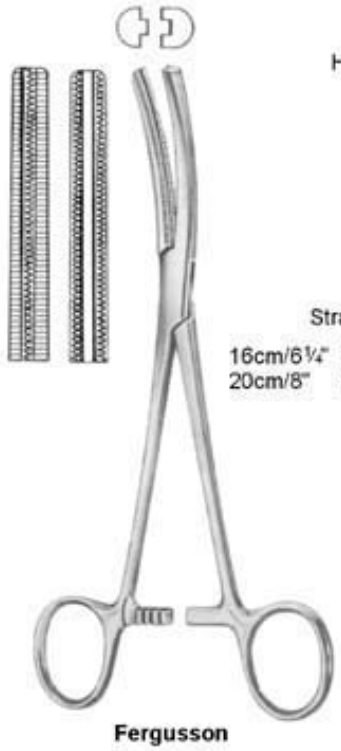
Negus
16-04695-19 19cm/7½" 16-04697-19



Phaneuf
21.5cm/8½"



16-04700-21 16-04701-21



Fergusson

Haemorrhoidal Clamps

	Straight	Curved
16cm/6¼"	16-04704-16	16-04705-16
20cm/8"	16-04704-20	16-04705-20



Ballentine
16-04690-21
21cm/8¼"



Heaney-Ballentine
16-04691-21
21cm/8¼"



Tonsil Forceps

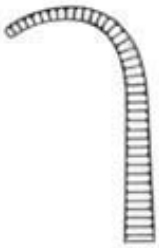


Fig. 1

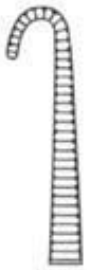
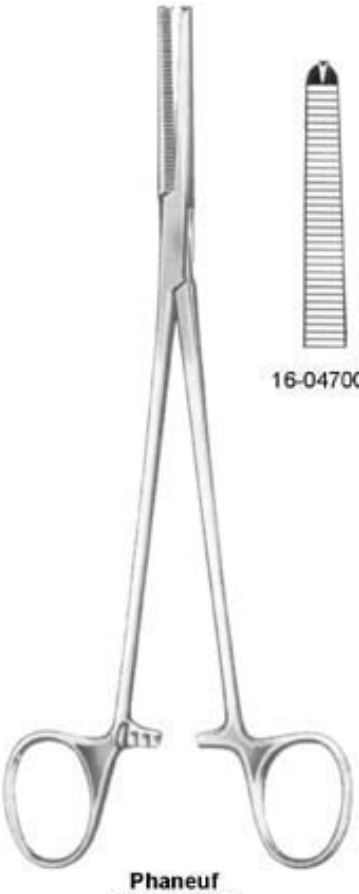
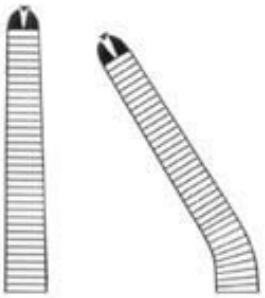


Fig. 2

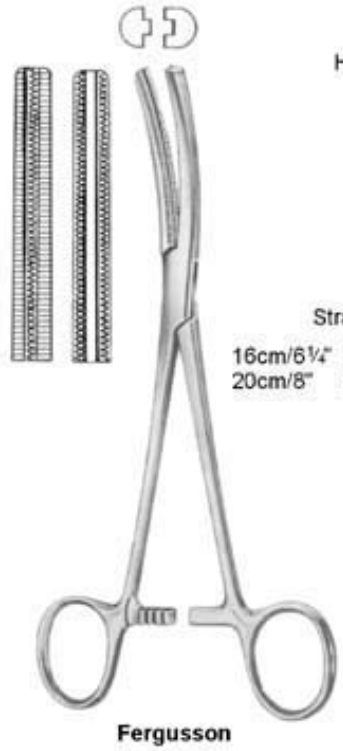
Negus
16-04695-19 19cm/7½" 16-04697-19



Phaneuf
21.5cm/8½"



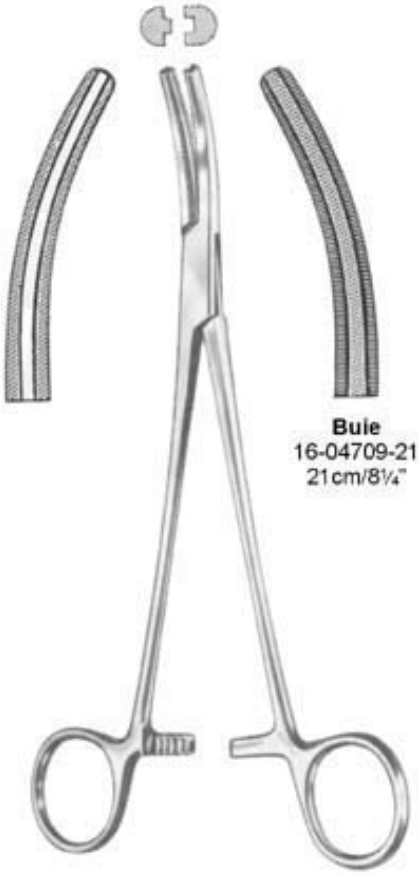
16-04700-21 16-04701-21



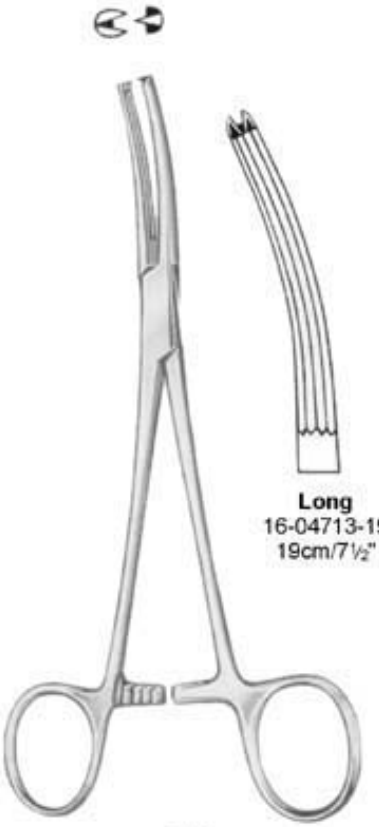
Fergusson

Haemorrhoidal Clamps

	Straight	Curved
16cm/6¼"	16-04704-16	16-04705-16
20cm/8"	16-04704-20	16-04705-20



Buie
16-04709-21
21cm/8¼"

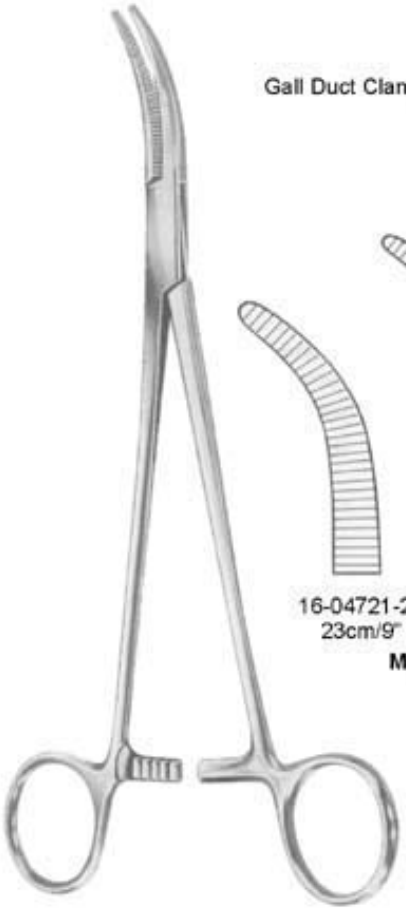


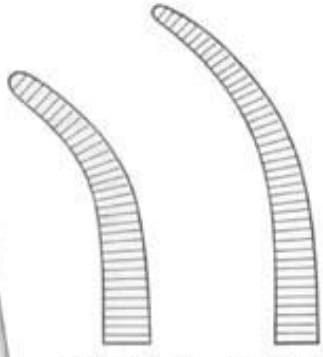
Long
16-04713-19
19cm/7½"



Garland
16-04717-21
21cm/8¼"

Gall Duct Clamps



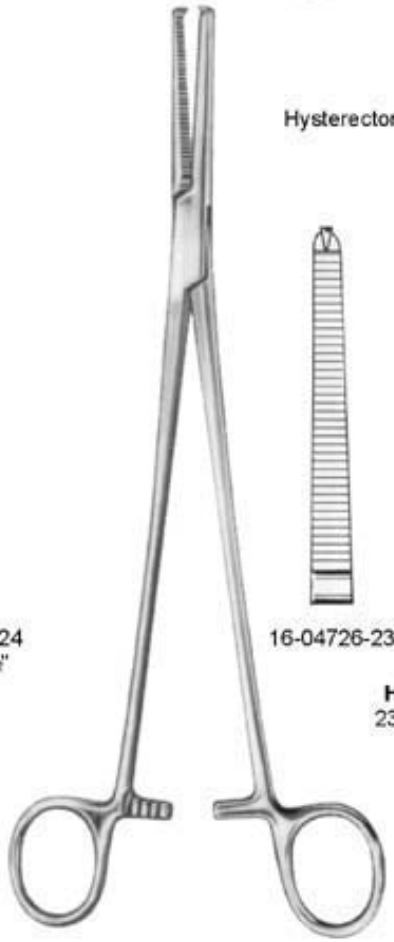


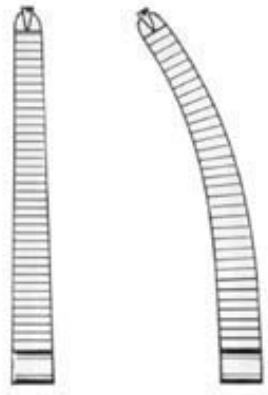
16-04721-23
23cm/9"

16-04723-24
24cm/9½"

Moynihan

Hysterectomy Forceps



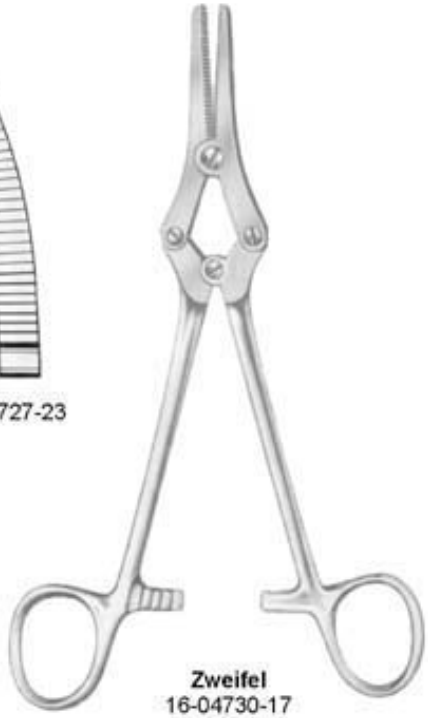


16-04726-23

16-04727-23

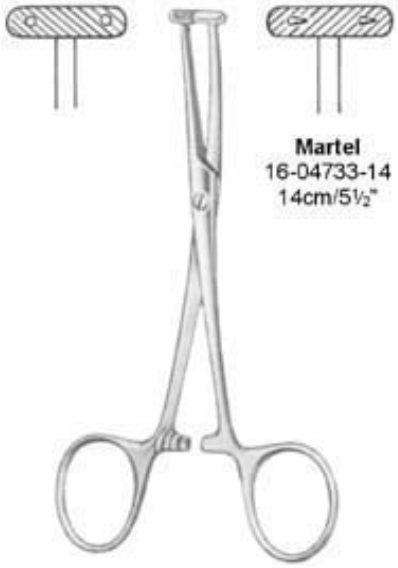
Hozlbach
23.5cm/9¼"

Pressure Clamps



Zweifel
16-04730-17
17.5cm/7"

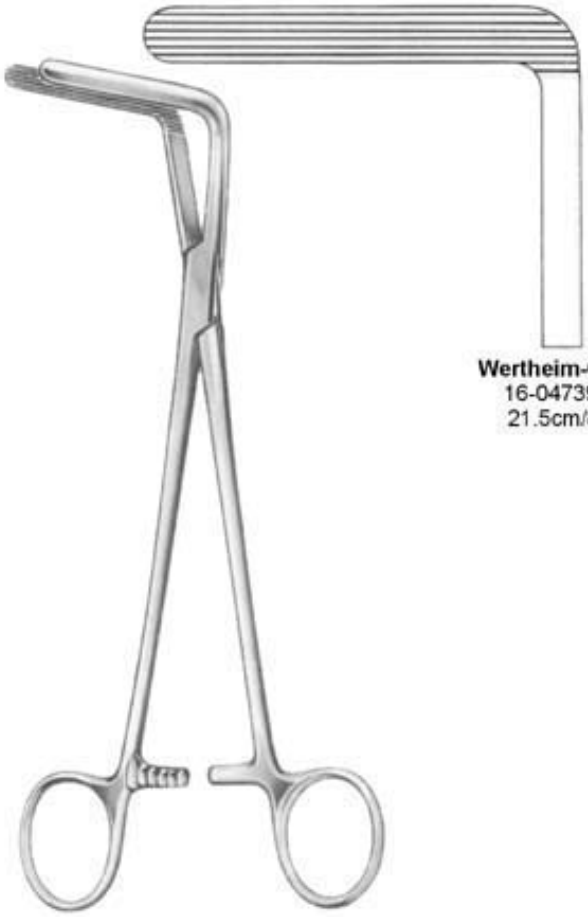
Scalp Flap Forceps



Martel
16-04733-14
14cm/5½"

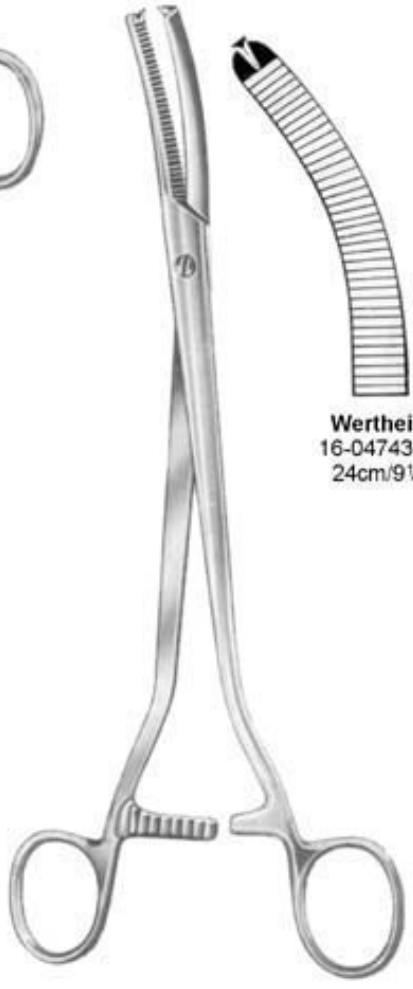


Wertheim
16-04736-25
25cm/10"



Wertheim-Cullen
16-04739-21
21.5cm/8½"

Extra Strong



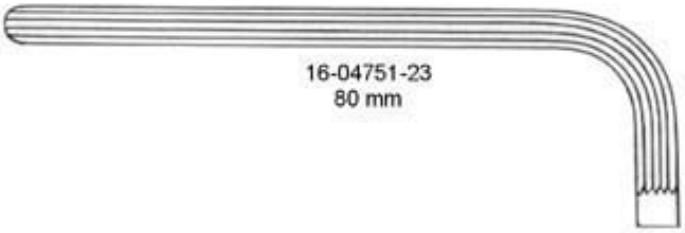
Wertheim
16-04743-24
24cm/9½"



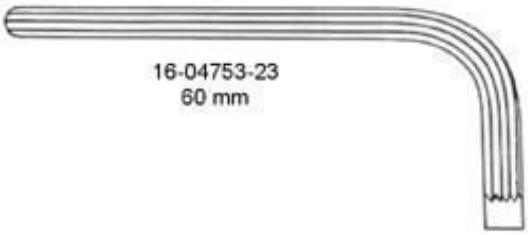
Faure
16-04747-25
25cm/10"



23cm/9"



16-04751-23
80 mm



16-04753-23
60 mm



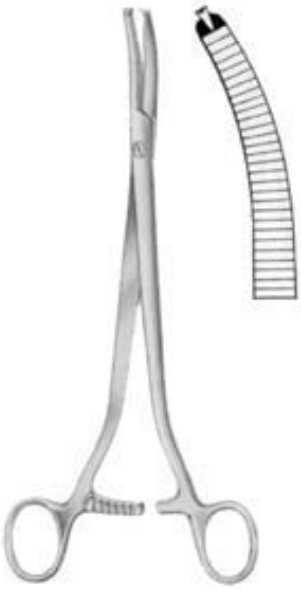
Wertheim
22cm/8¾"



Slightly Curved
16-04755-22



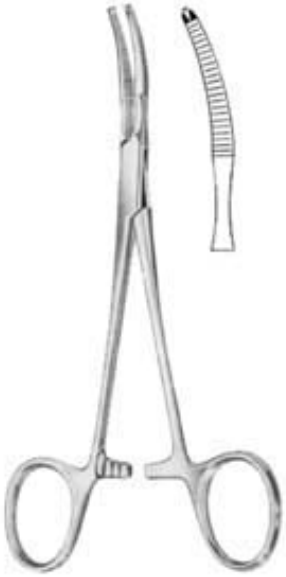
More Curved
16-04757-22



Wertheim
16-04761-22
22cm/8¾"



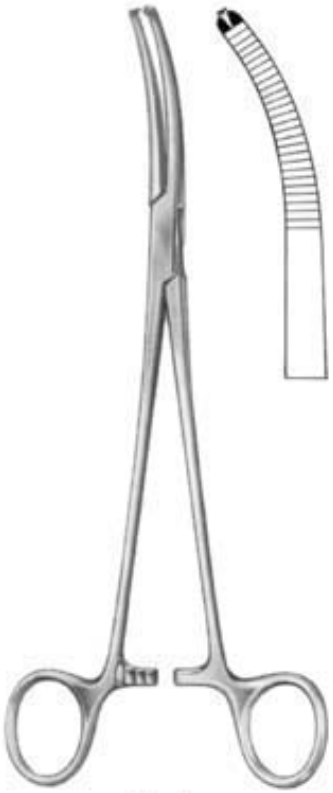
Wertheim
16-04765-18
18 cm/7"



Baby-Mikulicz
16-04769-14
14 cm/5½"



Mikulicz
16-04773-18 18cm/7"
16-04773-20 20cm/8"



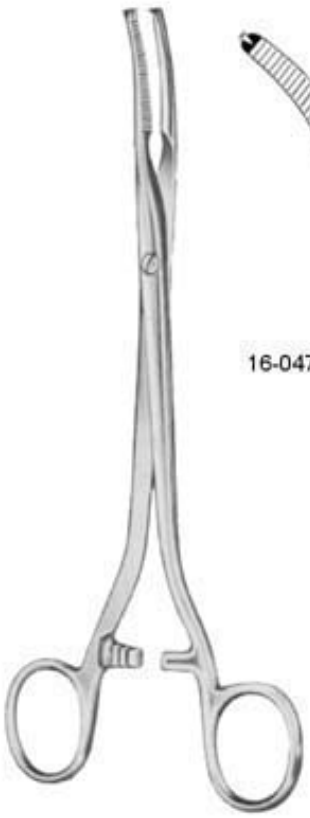
Mikulicz
16-04777-20
20 cm/8"

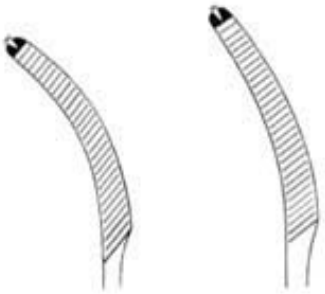


Mikulicz
16-04781-18
18.5 cm/7¼"

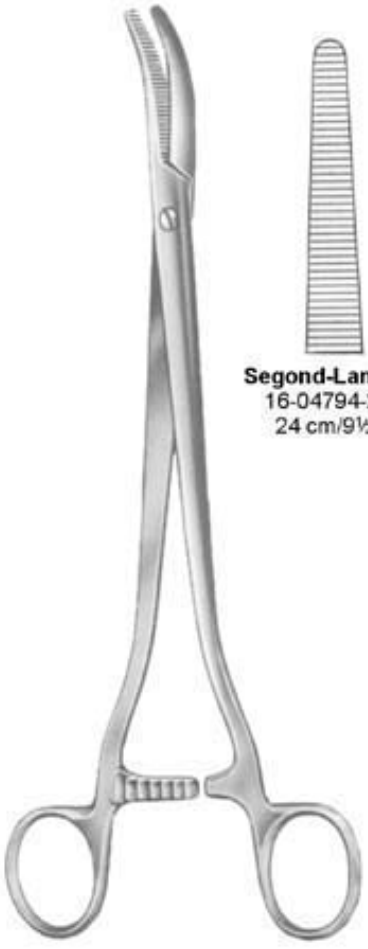


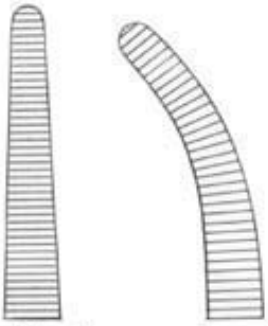
Mikulicz
16-04785-18
18 cm/7"





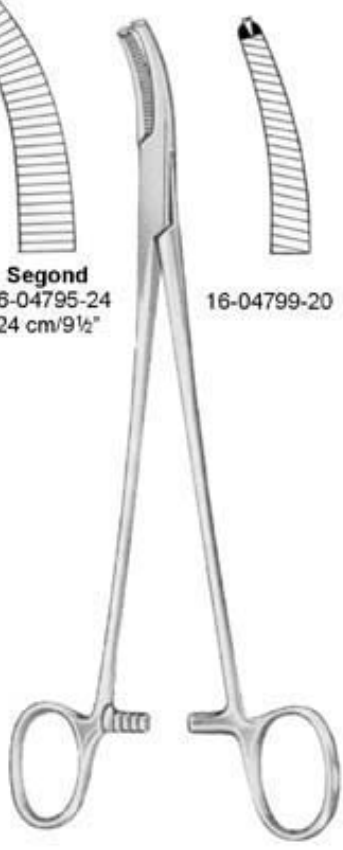
Mikulicz
16-04789-20 20 cm/8" 16-04791-20





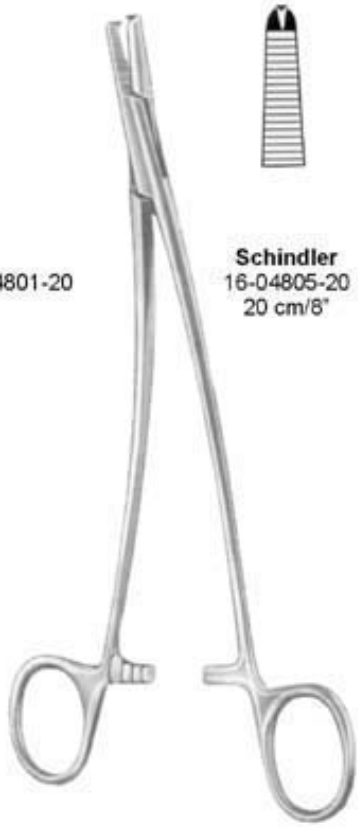
Segond-Landau
16-04794-24
24 cm/9½"

Segond
16-04795-24
24 cm/9½"





Faure
16-04799-20 20 cm/8" 16-04801-20



Schindler
16-04805-20
20 cm/8"



Schadel
16-04808-09
9 cm/3½"



Jones
16-04812-05 5 cm/2"
16-04812-09 9 cm/3½"



Engl-Modell
16-04816-09
9 cm/3½"



Backhaus
16-04820-09 9 cm/3½"
16-04820-11 11 cm/4½"
16-04820-13 13 cm/5"
16-04820-15 15 cm/6"

With clip for Tubing or Cable



16-04824-11 11 cm/4½"
16-04824-13 13 cm/5"



Peers-Bertram
16-04828-14
14.5 cm/5¾"



Tohoku
16-04832-10 10 cm/4"
16-04832-13 13 cm/5"



Roder
16-04836-13 13 cm/5"
16-04836-15 15 cm/6"



Lorna
16-04840-10 10 cm/4"
16-04840-13 13 cm/5"



Bernhard
16-04844-16 16.5 cm/6½"



Lane
16-04848-20
20 cm/8"



Doyen
16-04852-18
18 cm/7"



16-04856-14 14 cm/5½"
16-04856-15 15 cm/6"
16-04856-18 18 cm/7"
16-04856-20 20 cm/8"



16-04860-14
14.5 cm/5¾"



16-04864-16 16.5 cm/6½"
16-04864-18 18.0 cm/7"



16-04868-15 15 cm/6"
16-04868-18 18 cm/7"
16-04868-20 20 cm/8"



Mohr
16-04872-50 50 mm
16-04872-60 60 mm
16-04872-70 70 mm
16-04872-80 80 mm

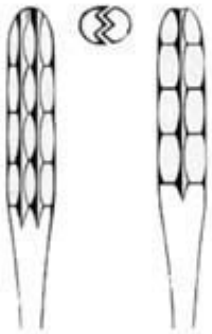
Sizes mm	Hoffmann	Hoffmann
13	16-04876-13	16-04880-13
17	16-04876-17	16-04880-17
20	16-04876-20	16-04880-20
25	16-04876-25	16-04880-25
30	16-04876-30	16-04880-30





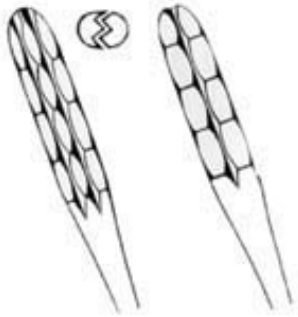


Ulrich



Straight

16-04884-22
16-04884-25
16-04884-27



Curved

22 cm/8¾"
25 cm/10"
27 cm/10½"

16-04885-22
16-04885-25
16-04885-27

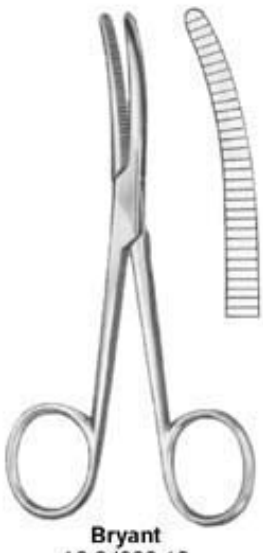


Lister

16-04888-13	13 cm/5"	16-04890-13
16-04888-15	15 cm/6"	16-04890-15
16-04888-18	18 cm/7"	16-04890-18



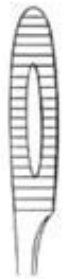
Bryant
16-04894-13
13 cm/5"



Bryant
16-04896-13
13 cm/5"



Gross-Maier



Straight



Curved

With Ratchet

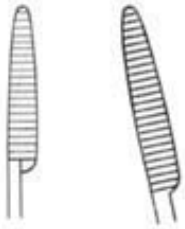
16-04900-20	20 cm/8"	16-04901-20
16-04900-25	25 cm/10"	16-04901-25

Without Ratchet

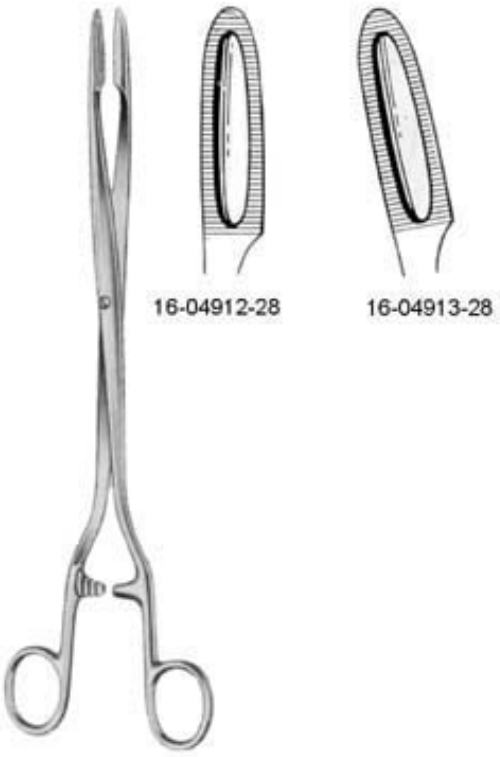
16-04904-20	20 cm/8"	16-04905-20
16-04904-25	25 cm/10"	16-04905-25



Pelkmann
25 cm/10"



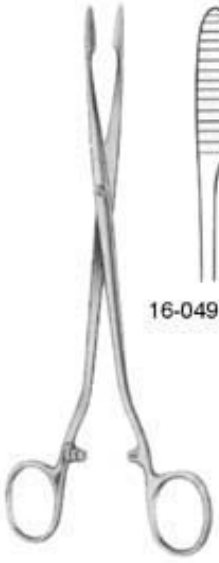
16-04908-25 16-04909-25



Sims-Maier
28 cm/11"

16-04912-28

16-04913-28



Duplay
20 cm/8"



16-04916-20



16-04917-20



Collin
16-04920-25
25cm/10"



Cheron
16-04924-25
25cm/10"



Emmet
16-04928-21
21cm/8¼"



Bozemann
16-04932-26
26cm/10¼"



Bozemann
26cm/10¼"

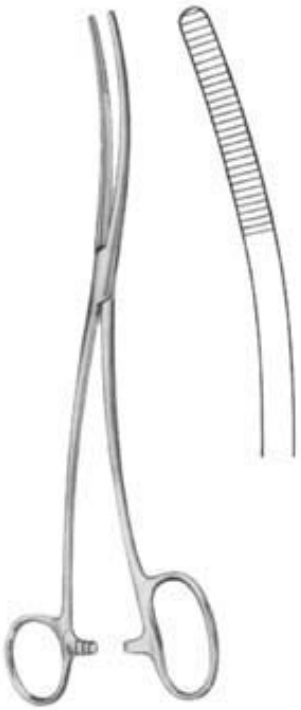


16-04935-26

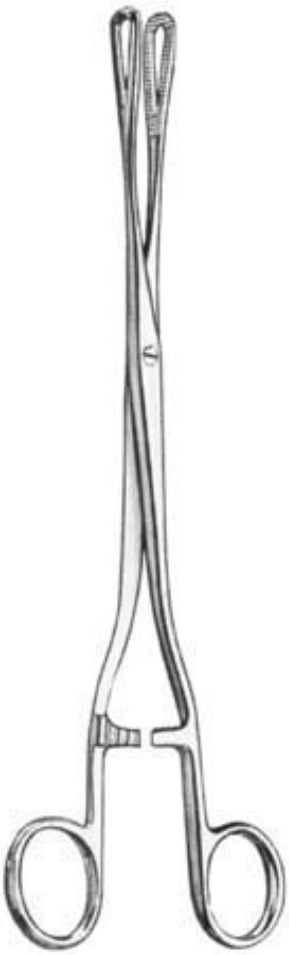


16-04937-26

Smooth



Bozemann-Douglas
16-04941-26
26cm/10¼"



Rampley
16-04944-18 18cm/7"
16-04944-24 24cm/9½"

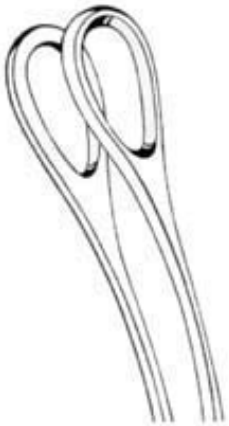


Rampley
16-04946-18 18cm/7"
16-04946-24 24cm/9½"

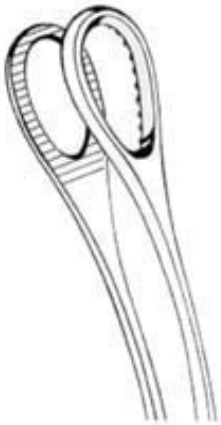


Foerster









18 cm/7"	16-04950-18	16-04951-18	16-04954-18	16-04955-18
20 cm/8	16-04950-20	16-04951-20	16-04954-20	16-04955-20
24 cm/9½"	16-04950-24	16-04951-24	16-04954-24	16-04955-24
25 cm/10"	16-04950-25	16-04951-25	16-04954-25	16-04955-25



Schwartz
16-04959-19
19cm/7½"



16-04962-01



16-04962-02



16-04962-03

Applying Forceps

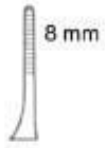


16-04966-23
23cm/9"

Atrauma



Diethrich



16-04970-08



16-04970-12



16-04970-20



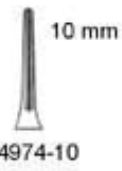
16-04971-08



16-04971-12



16-04971-20



16-04974-10



16-04974-14



16-04974-20



16-04975-10



16-04975-14



16-04975-20



Sharp
17-04979-13



Blunt
17-04980-13



Miller
13.5cm/5¼"



Crile
17-04984-20
20cm/8"



Cushing



19cm/7 ½"
28cm/11"

17-04988-19
17-04988-28



17-04990-19
17-04990-28



Kilner
17-04993-15
15cm/6"



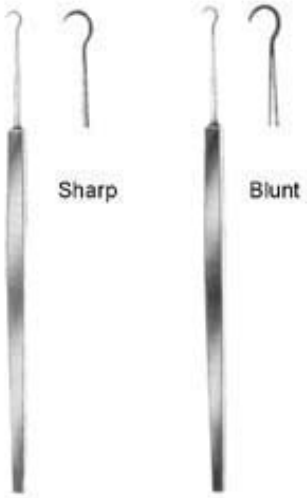
Fig. 1

Gillies
17-04995-18
18cm/7"



Fig. 2

Gillies
17-04997-18
18cm/7"



Sharp

Blunt

Frazier
17-05001-13 13cm/5" 17-05002-13
17-05001-18 18cm/7" 17-05002-18



17-05006-16
16cm/6¼"



17-05010-08
8 mm



17-05010-10
10 mm



17-05014-12
12 mm



17-05014-14
14 mm



17-05010-12
12 mm



17-05010-14
14 mm



17-05014-16
16 mm



17-05014-18
18 mm



17-05010-16
16 mm



17-05010-18
18 mm



Sharp



Blunt

Graefe
17-05017-16 16cm/6¼" 17-05018-16



17-05021-16
16cm/6¼"



17-05023-16
16cm/6¼"



O, Connor
17-05025-16
16cm/6¼"





Guthrie
17-05029-16 16cm/6¼" 17-05031-16



17-05035-16
16cm/6¼"



17-05037-16
16cm/6¼"



Mini-Langenbeck
16 cm/6¼"



17-05040-10
10x6 mm



17-05040-17
17x5 mm



17-05040-20
20x6 mm



17-05040-22
22x8 mm



17-05043-01



17-05044-01



17-05043-02



17-05044-02



17-05043-03



17-05044-03



17-05043-04



17-05044-04

Flexible



17-05047-02



17-05048-02



17-05047-03



17-05048-03



17-05047-04



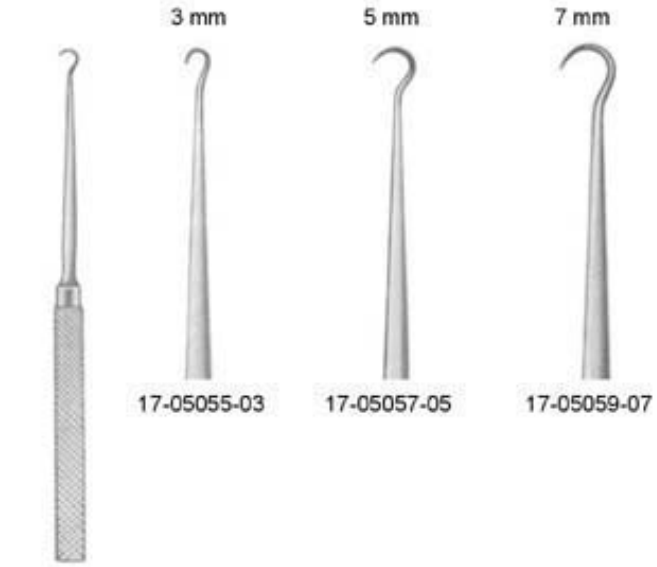
17-05048-04



17-05051-04



17-05052-04



Kleinert-Kutz
13cm/5"

17-05055-03 17-05057-05 17-05059-07



17-05063-15 **Barsky** 15cm/6" 17-05065-15



Humby
17-05069-11
11.5cm/4½"



Thymus-Hook

Lukens
17-05072-17
17cm/6¾"



Jackson
17-05076-17
17cm/6¾"

Malleable



Gil-Vernet
24cm/9½"

08 mm 17-05080-08
11 mm 17-05080-11
15 mm 17-05080-15
17 mm 17-05080-17
20 mm 17-05080-20
23 mm 17-05080-23

Malleable



24cm/9½"

17-05082-08
17-05082-11
17-05082-15
17-05082-17
17-05082-20
17-05082-23

12x14 mm

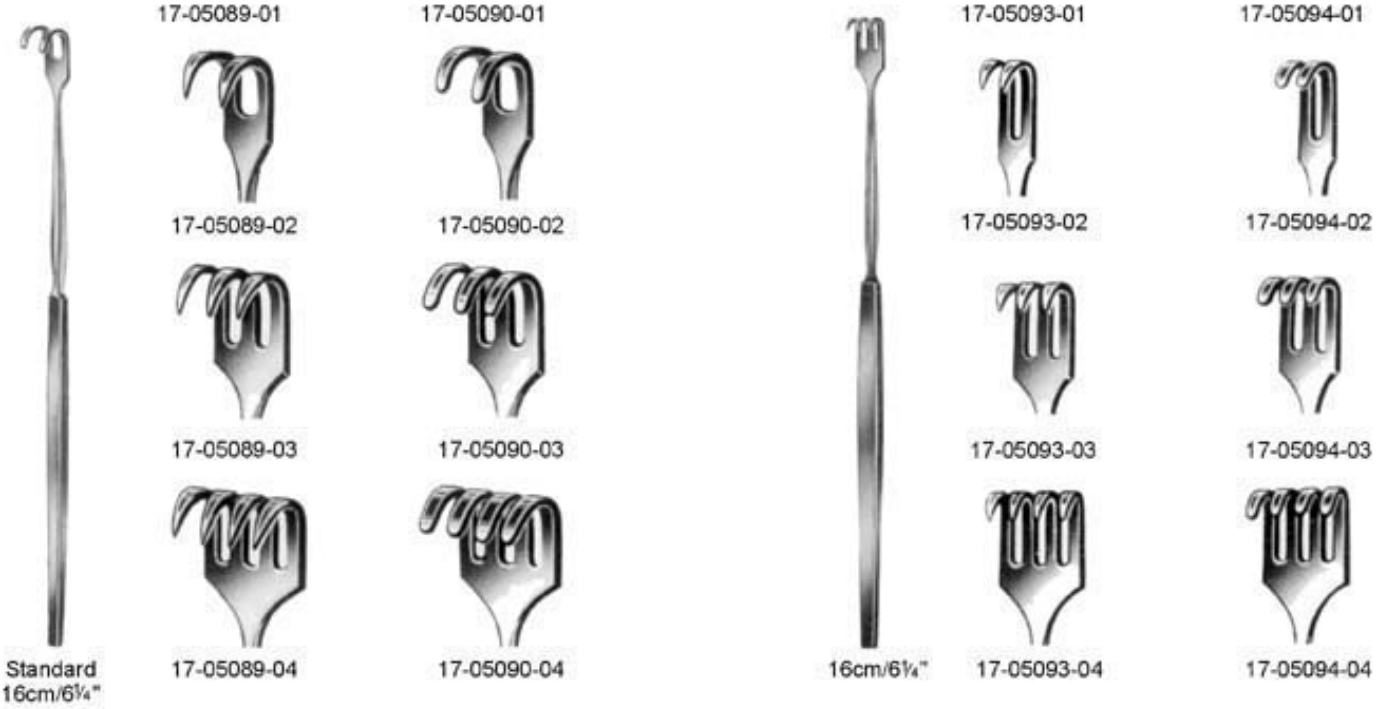


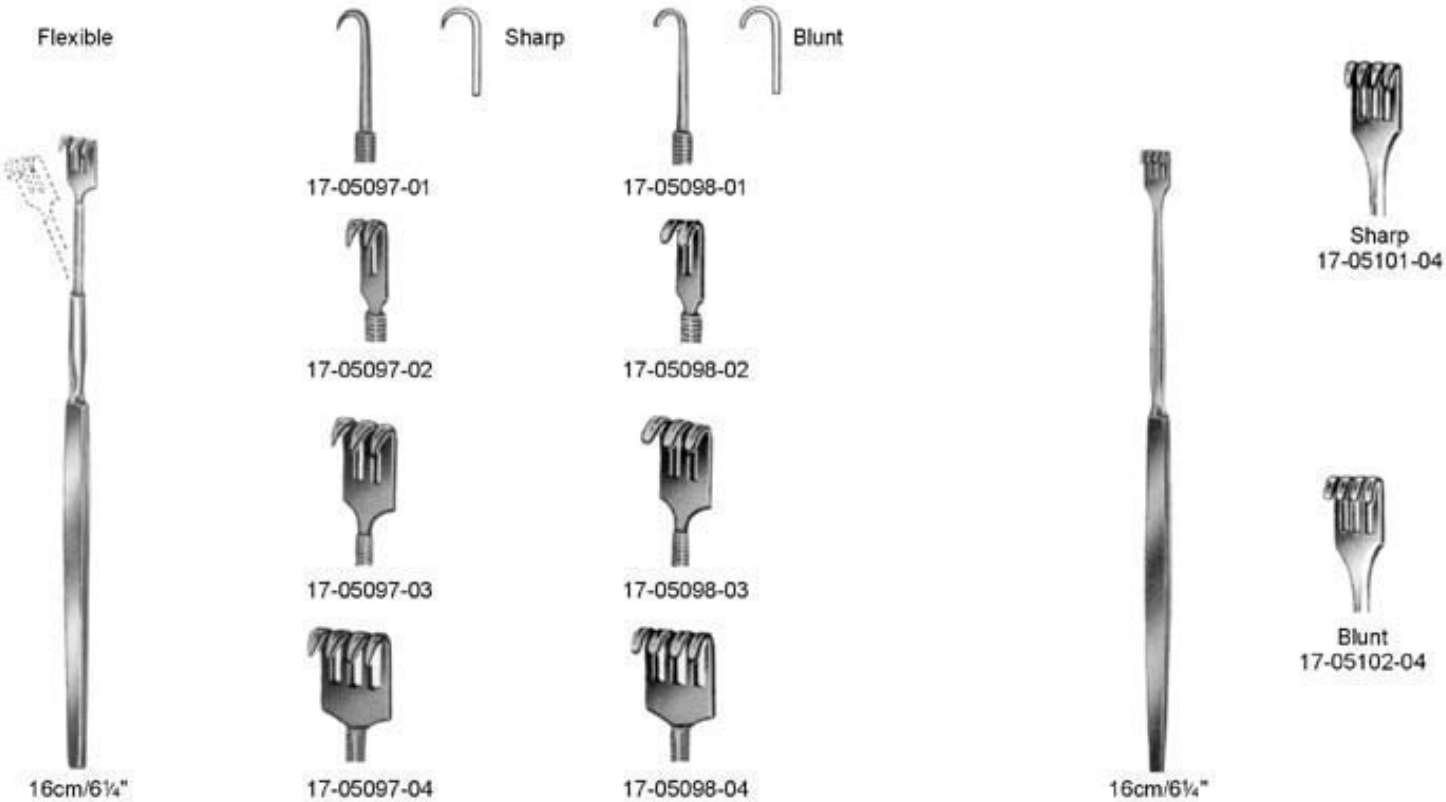
Little
17-05085-20
20cm/8"



Love-(Morse)
25cm/10"

10 mm 17-05086-10
15 mm 17-05086-15
20 mm 17-05086-20
30 mm 17-05086-30
40 mm 17-05086-40
50 mm 17-05086-50


Sharp
Blunt
17-05089-01
17-05090-01
17-05089-02
17-05090-02
17-05089-03
17-05090-03
17-05089-04
17-05090-04
Standard
16cm/6¼"
Sharp
Blunt
17-05093-01
17-05094-01
17-05093-02
17-05094-02
17-05093-03
17-05094-03
17-05093-04
17-05094-04
16cm/6¼"


Flexible
Sharp
Blunt
17-05097-01
17-05098-01
17-05097-02
17-05098-02
17-05097-03
17-05098-03
17-05097-04
17-05098-04
16cm/6¼"
Sharp
17-05101-04
Blunt
17-05102-04
16cm/6¼"



17-05106-02
13.5m/5¼"



Jackson
17-05109-13
13cm/5"



Bergmann
17-05113-14
14cm/5½"



Iterson
16cm/6¼"



17-05117-16



17-05119-16



Meyerding
18cm/7"



17-05122-18
18x7 mm



17-05128-18
16x5 mm



17-05124-18
7x4 mm



17-05130-18
10x3 mm



17-05126-18
7x4 mm



17-05132-18



Volkmann
11.5cm/4½"



Sharp
17-05135-02



Blunt
17-05136-02



17-05135-03



17-05136-03



17-05135-04



17-05136-04



17-05135-06



17-05136-06



17-05140-08
8 mm
17-05142-08
17-05146-08
8 mm
17-05146-10
10 mm

17-5140-10
10 mm
17-5142-10
17-05146-11
11 mm
17-05146-12
12 mm

17-05140-12
12 mm
17-05142-12
17-05146-13
13 mm
17-05146-14
14 mm

17-05140-14
14 mm
17-05142-14
17-05146-15
15 mm
17-05146-16
16 mm

17-05140-16
16 mm
17-05142-16
17-05146-18
18 mm

Cushing 17-05140-18
20cm/8"
18 mm
17-05142-18 **Cushing**
24cm/9½"



Desmarres
13cm/5"



Konig
17cm/6¾"

17-05150-13
13x13 mm
17-05150-16
13x16 mm



Rose
17-05154-13
13cm/5"

12x4 mm



20x6 mm

Crile
17-05158-11
11cm/4¼"



Luer
17-05162-11
11.5cm/4½"



10x10 mm

Cushing-Kocher
17-05166-18
18cm/7"



Langenbeck-Green
17cm/6¾"



17-05170-17
6x25 mm



17-05172-17
8x25 mm

Tendon Sheath Hook





17-05176-19



toothed

17-05178-19

Strandell-Stille
19cm/7½"

Tendon Sheath Hook





17-05182-02



17-05182-03



17-05182-04

Klapp
17.5 cm/7"

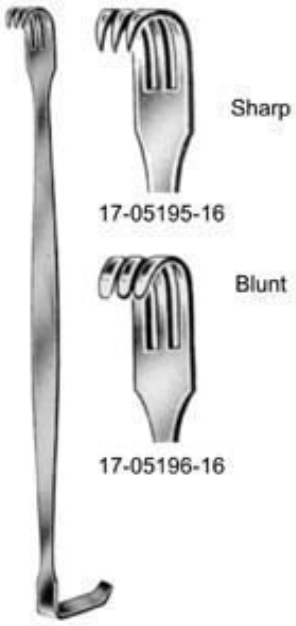


Decompression Hook

Cushing
17-05186-20
20cm/8"



Senn-Miller
16cm/6¼"



Baby-Senn-Miller
16cm/6¼"



Rangell-Davis
17-05200-14
14cm/5½"



Senn-Green
15cm/6"



Langenbeck-Green
16cm/6¼"



Collin-Hartmann



Roux



Baby-Roux
13 cm/5"



Mini-Roux
14 cm/5½"

Set	17-05214-00	Set	17-05218-00	17-05222-13	17-05224-14
14 cm/5½"	17-05214-01	14 cm/5½" Fig. 1	17-05218-01		
16 cm/6"	17-05214-02	15 cm/6" Fig. 2	17-05218-02		
		17 cm/6¾" Fig. 3	17-05218-03		

37x40 mm



37x31 mm

Goelet
17-05228-19
19 cm/7½"



Parker-Langenbeck
(US-Army)
17-05232-21
21cm/8¼"

Set



Set

Parker
17-05236-13
13.5 cm/5¼"



Set

Parker
17-05240-18
18 cm/7"



Set

Parker-Mott
17-05244-16
16 cm/6¼"



Set

Farabeuf
17-05248-12
12 cm/4¾"



Set

Farabeuf
17-05250-15
15 cm/6"



Set

Mathieu
17-05260-19
19 cm/7½"



Set

Collin
17-05254-16
16.5 cm/6½"



Set

Mayo-Collin
17-05256-15
15 cm/6"



Volkmann
17-05263-22
22 cm/8¾"



Volkmann
17-05264-22
22 cm/8¾"



17-05267-23
23 cm/9"



17-05268-23
23 cm/9"



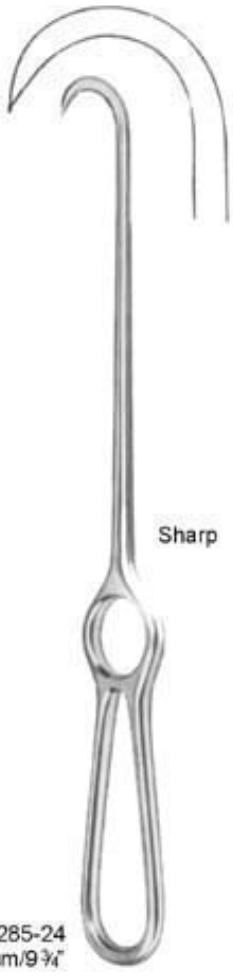
Volkmann
22cm/8¾"

	9x8 mm	9x13 mm	9x19 mm	9x29 mm	9x40 mm
sharp	17-05273-01	17-05273-02	17-05273-03	17-05273-04	17-05273-06	17-05273-08
blunt	17-05274-01	17-05274-02	17-05274-03	17-05274-04	17-05274-06	17-05274-08
semi-sharp	17-05275-01	17-05275-02	17-05275-03	17-05275-04	17-05275-06	17-05275-08



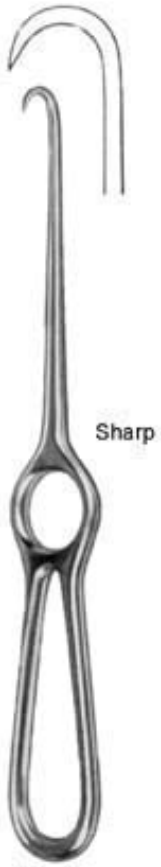
Volkmann
23 cm/9"

	9x8 mm	9x13 mm	9x19 mm	9x29 mm
Sharp	17-05279-02	17-05279-03	17-05279-04	17-05279-06
17-05279-01				
blunt	17-05280-02	17-05280-03	17-05280-04	17-05280-06
17-05280-01				
Semi-sharp	17-05281-02	17-05281-03	17-05281-04	17-05281-06
17-05281-01				



Sharp

17-05285-24
24.5 cm/9¾"



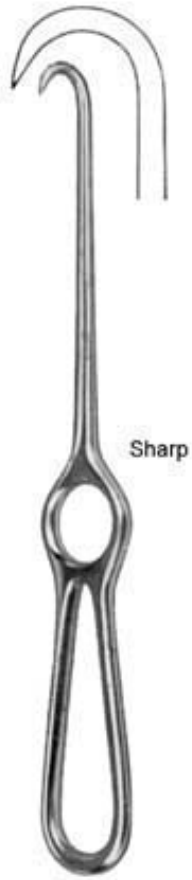
Sharp

Kocher
17-05287-21
21.5 cm/8½"



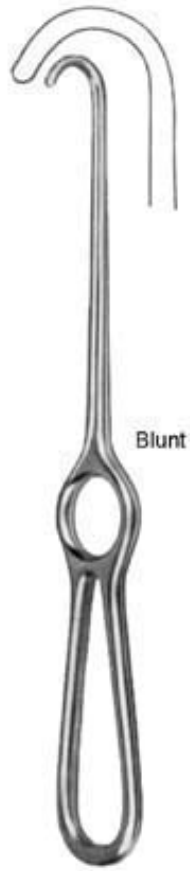
Blunt

Kocher
17-05288-21
21.5 cm/8½"



Sharp

Kocher
17-05291-21
21.5 cm/8½"



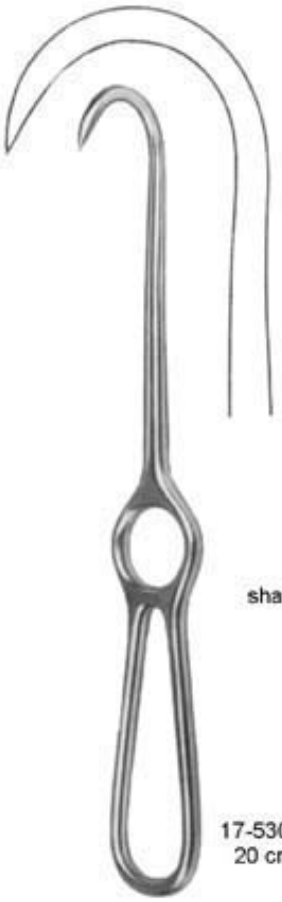
Blunt

Kocher
17-05292-21
21.5 cm/8½"



Kocher
21.5cm/8½"

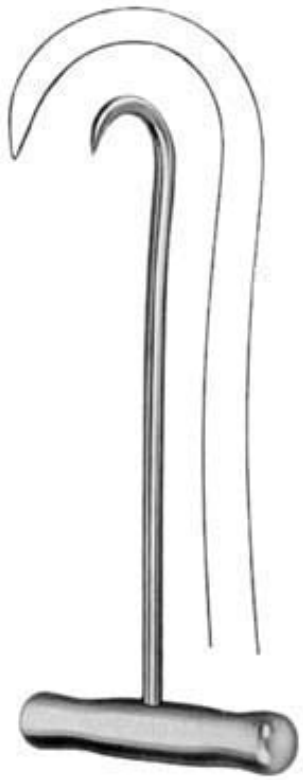
	15x10 mm	15x15 mm	15x20 mm	15x30 mm	15x40 mm
sharp	17-05295-01	17-05295-02	17-05295-03	17-05295-04	17-05295-06	17-05295-08
blunt	17-05296-01	17-05296-02	17-05296-03	17-05296-04	17-05296-06	17-05296-08
semi-sharp	17-05297-01	17-05297-02	17-05297-03	17-05297-04	17-05297-06	17-05297-08



sharp
17-5301-20
20 cm/8"



blunt
17-5302-20
20 cm/8"



sharp
17-5305-14
14 cm/5½"



17-05308-03
36x30 mm



17-05308-04
36x60 mm

Ollier
22.5 cm/9"



Murphy
19.5 cm/7 ¾"

Sharp



17-05311-02



17-05311-03



17-05311-04



17-05311-06

blunt



17-05312-02



17-05312-03



17-05312-04



17-05312-06



Wassmund
17-05316-20
20cm/8"



17-05320-02
40x50 mm

Israel
25cm/10"



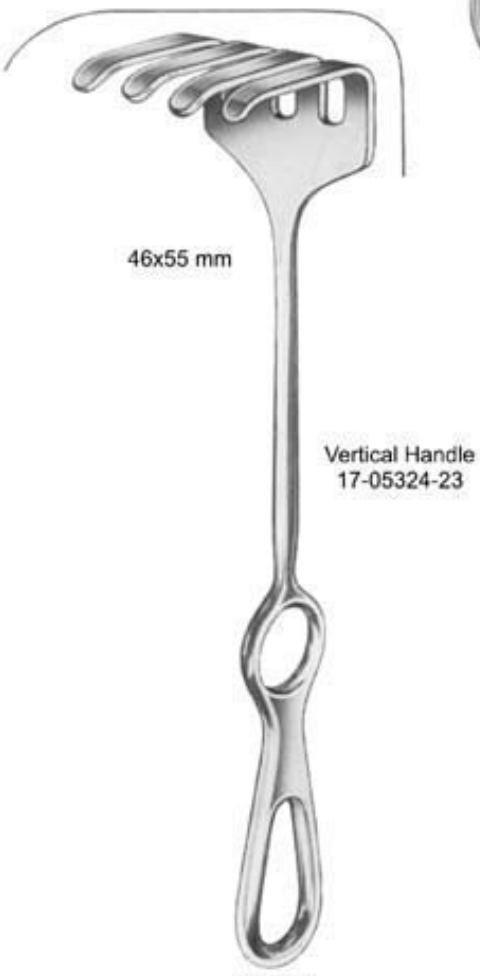
17-05320-01
40x40 mm



17-05320-03
50x60 mm



17-05320-04
70x70 mm



46x55 mm

Vertical Handle
17-05324-23

Koerte
23cm/9"



Koerte-Wagner
17-05327-28
28cm/11"



Koerte
24cm/9½"



Blunt
17-05332-24
26x40 mm



17-05335-24
24cm/9½"



17-05337-25
25cm/10"



85x15 mm

Vertical Handle

Langenbeck
17-05340-21
21.5cm/8½"



17-05344-01
55x20 mm
17-05344-02
63x20 mm
17-05344-03
60x20 mm

Langenbeck
21cm/8¼"



17-05348-01
35x7 mm
17-05348-02
35x10 mm
17-05348-03
35x15 mm
17-05348-04
60x20 mm

Langenbeck
21cm/8¼"



17-05352-19
28x6 mm

Lahey
19cm/7½"



23cm/9"

Sauerbruch
17-05356-01 45x15 mm
17-05356-02 55x23 mm
17-05356-03 72x20 mm



Langenbeck
21cm/8¼"

17-05360-01 30x11 mm 17-05364-01
17-05360-02 30x14 mm
17-05360-03 33x14 mm
17-05360-04 30x16 mm
17-05360-05 40x11 mm 17-05364-05
17-05360-06 42x13 mm 17-05364-06
17-05360-07 50x11 mm



Langenbeck
22cm/8¾"



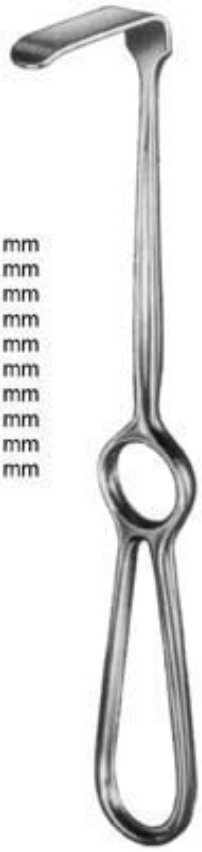
38x20 mm

Kocher
17-05368-22
22cm/8¾"



17-05372-01
19x12 mm
17-05372-02
21x15 mm

Kocher
19cm/7½"



17-05376-01 25x06 mm
17-05376-02 25x08 mm
17-05376-03 35x08 mm
17-05376-04 35x11 mm
17-05376-05 35x15 mm
17-05376-06 40x11 mm
17-05376-07 55x11 mm
17-05376-08 70x14 mm
17-05376-09 80x12 mm
17-05376-10 80x16 mm

Kocher-Langenbeck
21.5cm/8½"

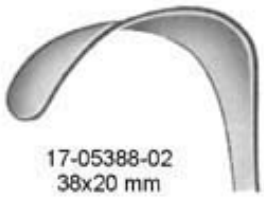


67x17cm

Casper
17-05380-21
21.5cm/8½"



17-05388-01
22x15 mm



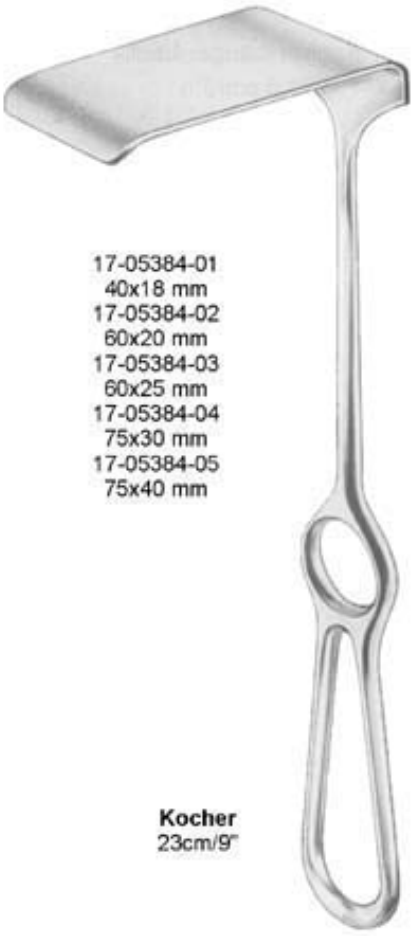
17-05388-02
38x20 mm



17-05388-03
67x25 mm



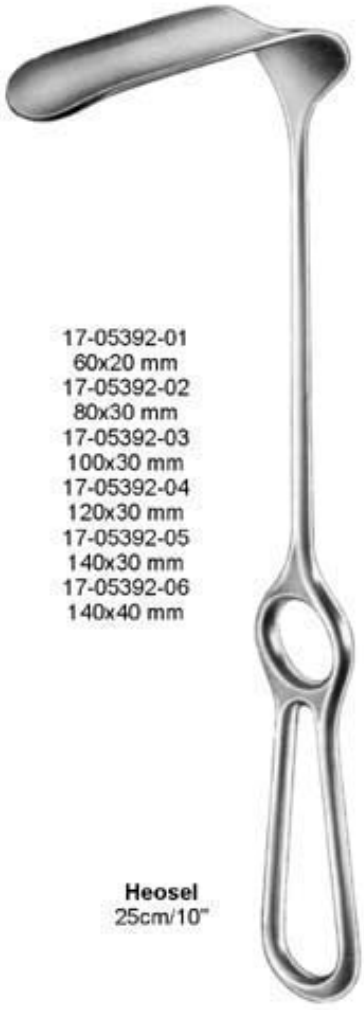
17-05388-04
100x35 mm



17-05384-01
40x18 mm
17-05384-02
60x20 mm
17-05384-03
60x25 mm
17-05384-04
75x30 mm
17-05384-05
75x40 mm

Kocher
23cm/9"

Kocher-Wagner
28cm/11"

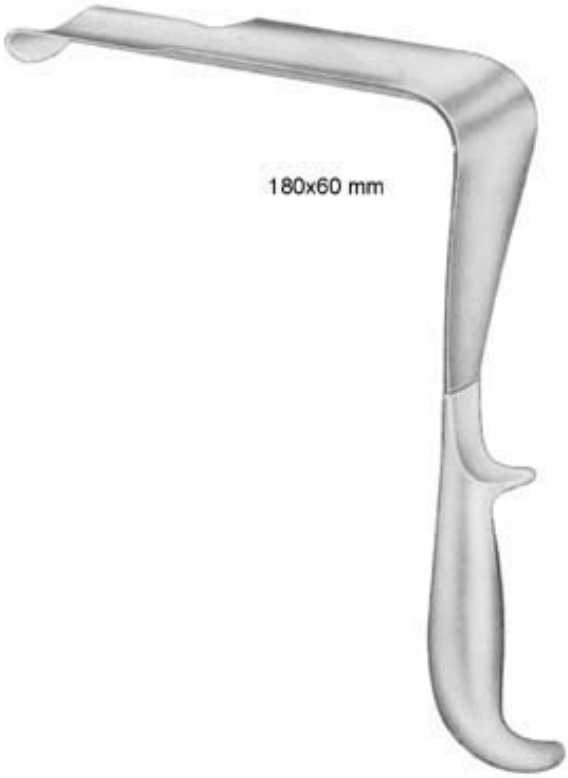


17-05392-01
60x20 mm
17-05392-02
80x30 mm
17-05392-03
100x30 mm
17-05392-04
120x30 mm
17-05392-05
140x30 mm
17-05392-06
140x40 mm

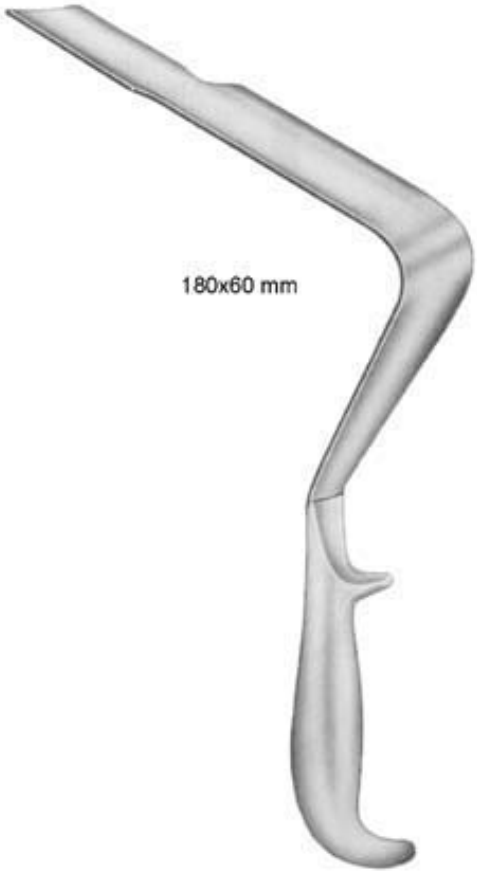
Heosel
25cm/10"



St. Marks
17-05396-29
29cm/11½"



St. Marks
17-05396-32
32.5cm/12¾"



St. Marks
17-05396-33
33cm/13"



17-05400-01
70x40 mm
17-05400-02
70x50 mm
17-05400-03
70x65 mm

Morris
21cm/8¼"



17-05402-01
32x50 mm/38x50mm
17-05402-02
45x50 mm/50x50mm
17-05402-03
65x50 mm/38x50mm

Morris
24cm/9½"

Meniscus Rectractors

38x9 mm



17-05406-21
21cm/8¼"



40x5 mm

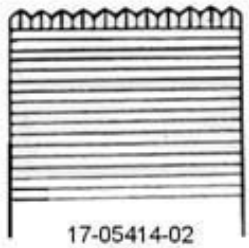
Blount
17-05410-18
18cm/7"



Crawford
19cm/7½"



17-05414-01
15x15 mm



17-05414-02
15x23 mm



Green
17-05418-22
22cm/8½"



Middeldorpf

17-05422-01



14x17 mm
21.5cm/8½"

17-05422-02



22x22 mm
22cm/8¾"

17-05422-03



26x30 mm
23.5cm/9¼"

17-05424-01

17-05424-02

17-05424-03



Middeldorpf



17-05426-01
45x45 mm

Middeldorpf
25.5cm/10"

17-05426-01
45x45 mm
17-05426-02
45x50 mm
17-05426-03
55x70 mm



Richardson
26cm/10¼"



17-05430-01
28x20 mm



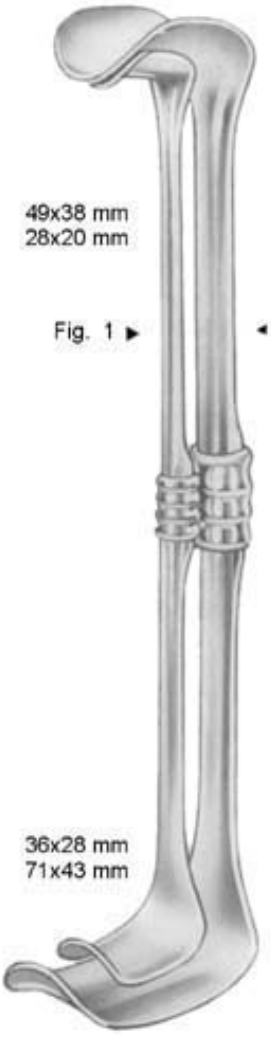
17-05430-02
30x28 mm



17-05430-03
38x37 mm



17-05430-04
52x22 mm



49x38 mm
28x20 mm

Fig. 1 ▸

◂ Fig. 2

36x28 mm
71x43 mm

Richardson-Eastman

Set	17-05434-00
Fig. 1 26cm/10¼"	17-05434-01
Fig. 2 28cm/11"	17-05434-02



Kelly
26cm/10¼"

17-05438-01
40x50 mm
17-05438-02
50x65 mm
17-05438-03
65x75 mm
17-05438-04
75x90 mm



17-05442-01
25X19 mm



17-05442-02
35X25 mm



17-05442-03
38X38 mm

64X41 mm



Richardson
17-05442-04
24cm/9½"

51X19 mm



Richardson
17-05450-01
23.5cm/9¼"



17-05454-02
64x51 mm



17-05454-03
76x64 mm



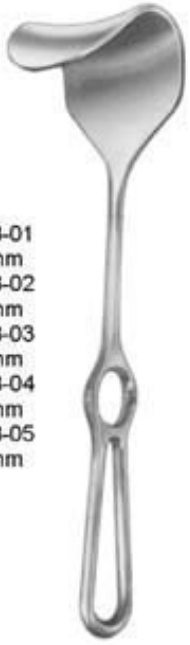
17-05454-04
89x76 mm

51x38 mm



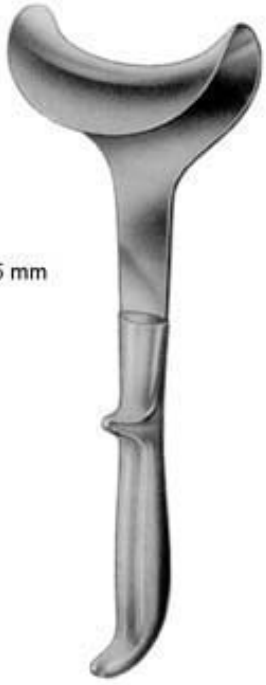
Kelly
17-05454-01
25cm/10"

17-05458-01
45x40 mm
17-05458-02
45x50 mm
17-05458-03
45x60 mm
17-05458-04
45x75 mm
17-05458-05
65x85 mm



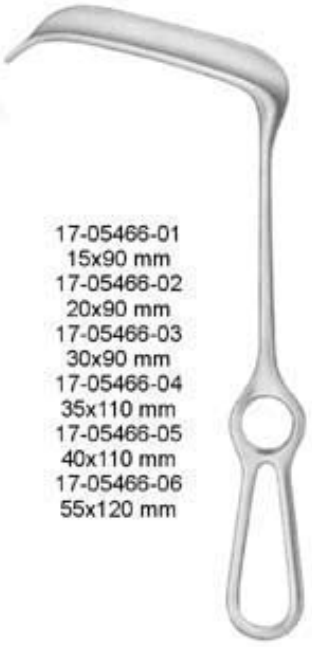
Fritsch
24cm/9½"

50x85 mm



Doyen
17-05462-25
25cm/10"

17-05466-01
15x90 mm
17-05466-02
20x90 mm
17-05466-03
30x90 mm
17-05466-04
35x110 mm
17-05466-05
40x110 mm
17-05466-06
55x120 mm



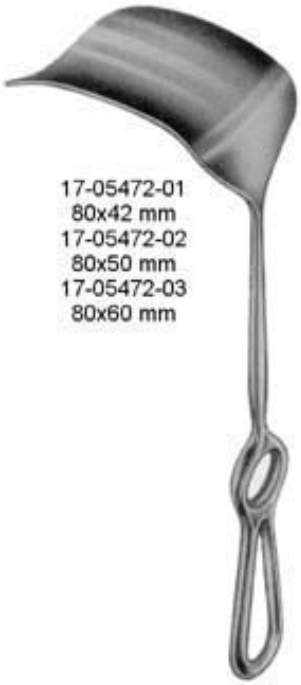
Doyen-Stille
24cm/9½"

70x25 mm



Kocher
17-05470-22
22.5cm/9"

17-05472-01
80x42 mm
17-05472-02
80x50 mm
17-05472-03
80x60 mm



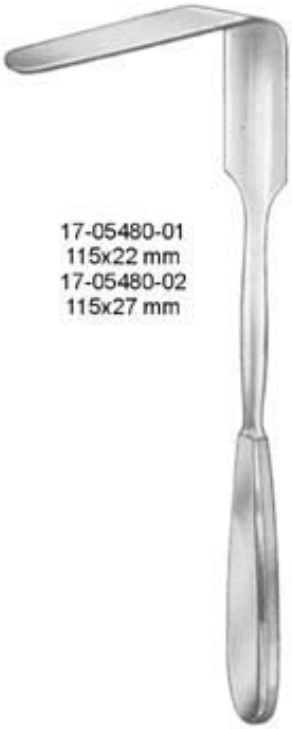
Kocher
25cm/10"

60x60 mm



Tuffier
17-05476-23
23cm/9"

17-05480-01
115x22 mm
17-05480-02
115x27 mm



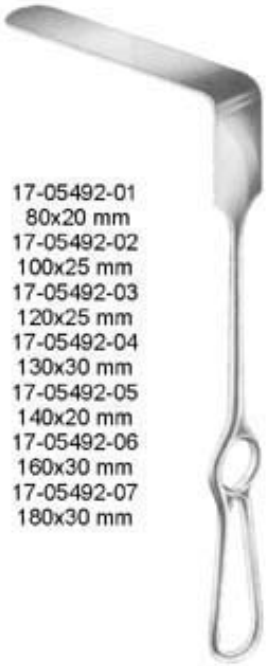
Simon
28cm/11"



Tuebingen
17-05484-28
28cm/11"



Martin
17-05488-26
26cm/10¼"



Brunner
25cm/10"



Brunner
25cm/10"



Mikulicz
26cm/10¼"



Mikulicz
17-05502-26
26cm/10¼"



17-05506-01
160x38 mm
17-05506-02
160x57 mm
17-05508-01
190x38 mm
17-05508-02
190x57 mm

Kelly
27cm/10½"



Polloson
17-05510-27
27cm/10½"



Polloson
17-05512-27
27cm/10½"



17-05516-03
115x65 mm

17-05516-02
115x38 mm

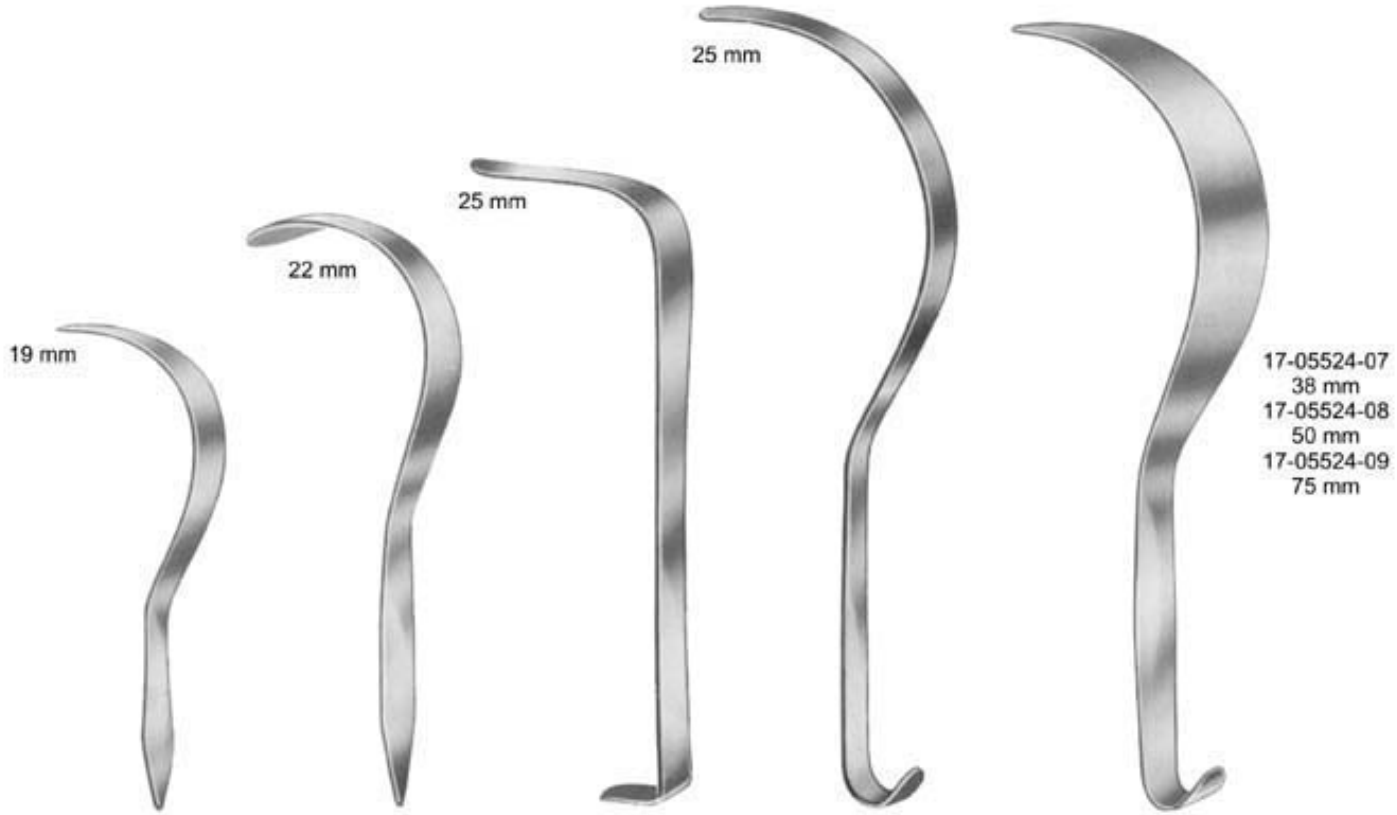
17-05516-01
82x20 mm

Coryllos
23.0cm/9"



17-05520-25
130x38 mm

Sauerbruch
25cm/10"



Deaver
17-05524-01
18 cm/7"

Deaver
17-05524-02
21.5 cm/8½"

Deaver
17-05524-03
23 cm/9"

Deaver
17-05524-04 30cm/12"
17-05524-05 33cm/13"
17-05524-06 36cm/14"

Deaver
30 cm/12"

17-05524-07
38 mm
17-05524-08
50 mm
17-05524-09
75 mm



Deaver Grip-Handle
17-05528-01 25 mm
17-05528-02 38 mm
17-05528-03 50 mm
17-05528-04 75 mm
30 cm/12"



Harrington-Baby
17-05532-01
25 cm/10"
24x70 mm

Harrington
17-05532-02
17-05532-03
32 cm/12½"
40x127 mm
62x127 mm

Harrington
17-05532-04
29.5 cm/11½"
64x175 mm



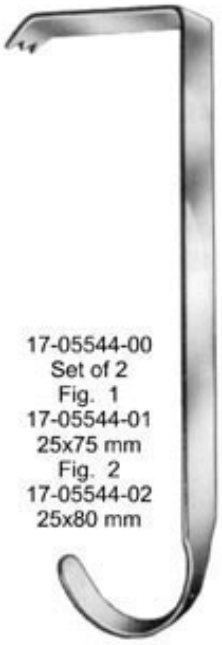
17-05536-01
50x16 mm
17-05536-02
75x25 mm
17-05536-03
90x50 mm

Meyerding
22.5cm/9"



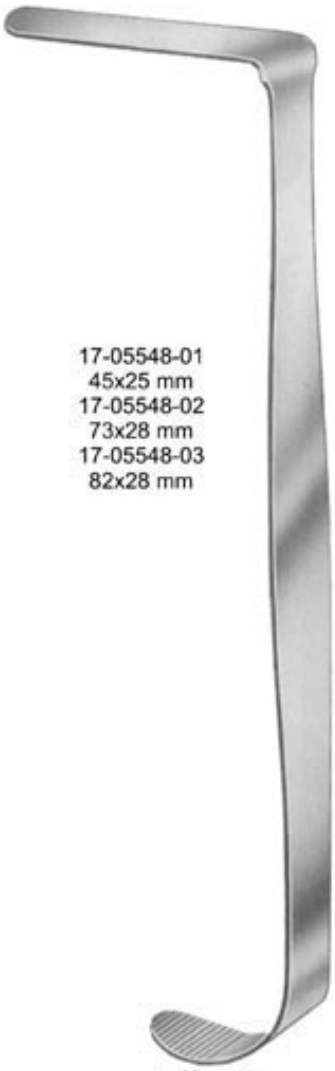
Zenker

17-05540-01	25cm/10"	35x08 mm
17-05540-02	26cm10¼"	60x12 mm
17-05540-03	27.5cm/10¾"	75x12 mm



17-05544-00
Set of 2
Fig. 1
17-05544-01
25x75 mm
Fig. 2
17-05544-02
25x80 mm

Hibbs
24cm/9½"



17-05548-01
45x25 mm
17-05548-02
73x28 mm
17-05548-03
82x28 mm

Heaney
27cm/10½"

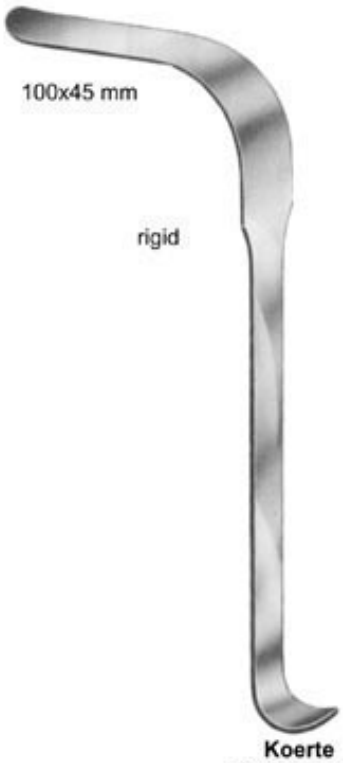
46 mm



Kuemmel
17-05552-33
33cm/13"

100x45 mm

rigid



Koerte
17-05556-28
28cm/11"

17-05560-20
20 mm
17-05560-30
30mm
17-05560-40
40 mm



Kader
27cm/10½"



17-05564-01
25.5cm/10"
45 mm
17-05564-02
27.5cm/10¾"
60 mm

Leriche



Malleable

17-05568-01 20 mm
17-05568-02 25 mm
17-05568-03 30 mm
17-05568-04 35 mm
17-05568-05 40 mm
17-05568-06 45 mm
17-05568-07 50 mm
17-05568-08 64 mm
17-05568-09 76 mm
17-05568-10 102 mm
33cm/13"

Malleable



Tuffier
17-05570-20
20 cm/8"
17x25 mm

Malleable

17-05572-01
200x6 mm
17-05572-02
200x8 mm
17-05572-03
200x10 mm
17-05572-04
200x12 mm
17-05572-05
200x17 mm
17-05572-06
200x20 mm
17-05572-07
200x25 mm
17-05572-08
250x25 mm



20cm/8"

Malleable

17-05574-01
280x25/30 mm
17-05574-02
300x37/45 mm
17-05574-03
300x40/50 mm



Haberer
21cm/8¼"



Reverdin
17-05578-28
28 cm/11"



Davidson
16cm/6¼"

75x50 mm	17-05582-01
75x90 mm	17-05582-02



Cooley
17-05586-01
21.5cm/8½"



Cooley
17-05586-02
21.5cm/8½"

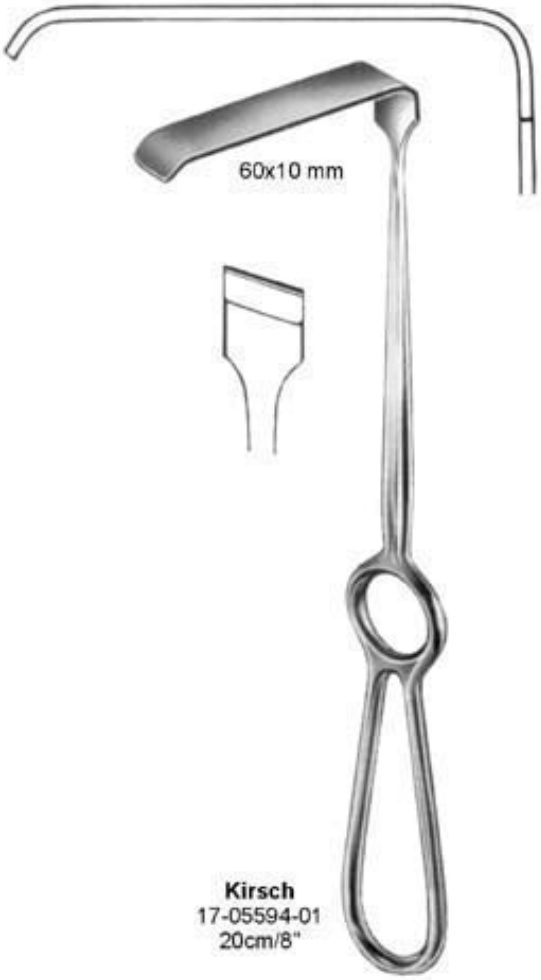


Cooley
17-05586-03
23cm/9"

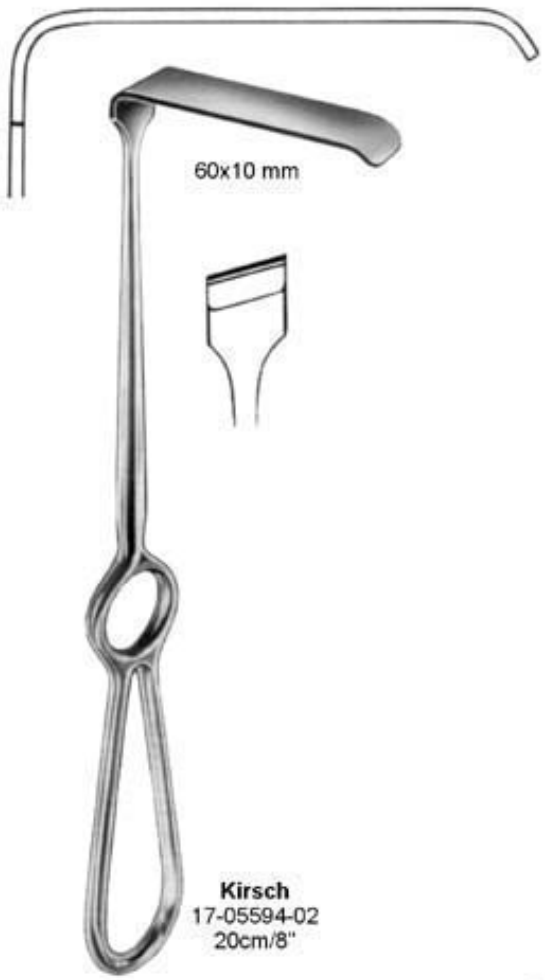


Ross
27cm/10½"

Fig. 1	17-05590-01	13x13 mm
Fig. 2	17-05590-02	14x12 mm
Fig. 3	17-05590-03	18x18 mm
Fig. 4	17-05590-04	20x20 mm
Fig. 5	17-05590-05	22x18 mm
Fig. 6	17-05590-06	26x24 mm



Kirsch
17-05594-01
20cm/8"



Kirsch
17-05594-02
20cm/8"



Set
17-05600-00

17-05600-01
24.5cm/10"

17-05600-02
24.5cm/10"



17-05604-01
40x12 mm

17-05604-02
55x14 mm

Dockhorn
20cm/8"



22cm/8¾"



17-05608-01
25x7 mm



17-05608-02
31x10 mm



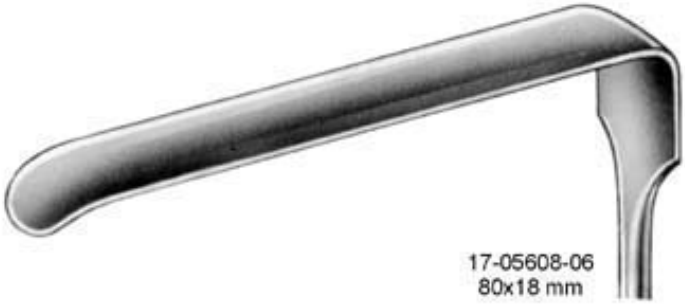
17-05608-03
42x11 mm



17-05608-04
55x12 mm



17-05608-05
70x14 mm



17-05608-06
80x18 mm



22cm/8¾"



17-05612-01
42x13 mm



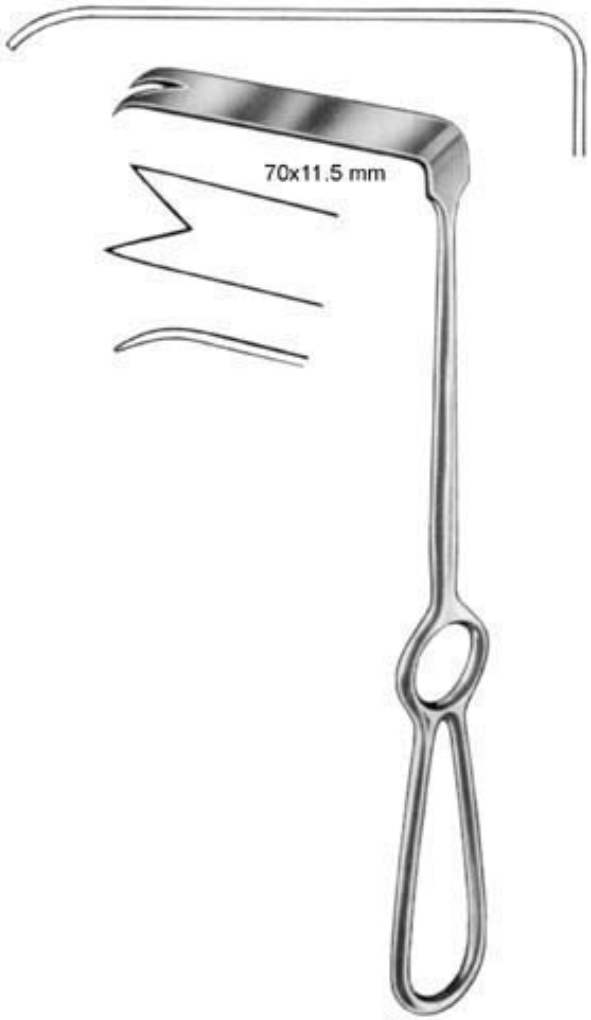
17-05612-02
60x12 mm



17-05612-03
80x16 mm



Spina-Nasalis
17-05616-01
22 cm/8¾"



Ramus
17-05616-02
22 cm/8¾"



17-05620-15
15.5 cm/6"



17-05624-16
16 cm/6¼"



17-05627-10 10 mm
17-05627-20 20 mm
19cm/7½"



Dingman
17-05629-17
17.5cm/7"



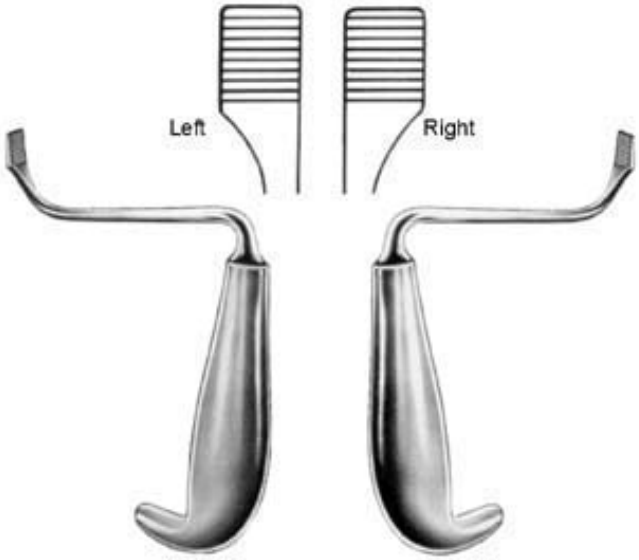
Soeresen-Hein
17-05632-17
17.5cm/7"



Dingman
17-05636-21
21cm/8¼"



17-05640-18
18.5cm/7¼"



Tessier
17-05644-01
15cm/6"

Tessier
17-05646-02
15cm/6"



Dingman
17-05648-00



17-05652-21
21cm/8¼"



17-05658-20
20.5cm/8"



17-05662-17
17.5cm/7"



20cm/8"



17-05668-05
5 mm



17-05668-07
7 mm



17-05668-09
9 mm



17.5cm/7"



17-05672-06
6 mm



17-05672-07
7 mm



17-05672-09
9 mm



17-05672-11
11 mm



Dingman
17-05676-18
18cm/7"



17-05680-23
23.5cm/9¼"
10 mm



Tessier
20.5cm/8"



17-05686-10
10 mm



17-05687-10
10 mm



17-05690-01
18.5cm/7¼"



17-05690-02
18.5cm/7¼"



17-05694-07
7 mm
21.5cm/8½"



17-05694-10
10 mm
21.5cm/8½"



15cm/6"



17-05698-02
2.5 mm



17-05608-04
4 mm



Bowdler-Henry's
17-05702-16
16.5cm/6½"



Gillies
17-05706-21
21cm/8¼"



Gillies
17-05708-21
21cm/8¼"



Sanders-Brown
17-05712-30
30cm/12"



Sanders-Brown
17-05716-29
29cm/11½"



17-05720-14
14cm/5½"



17-05722-23
23cm/9"



17-05724-18
18cm/7"



Kelsey-Fry
17-05726-15
15cm/6"



Kelsey-Fry
17-05728-18
18cm/7"

Band Pusher



Mershon
17-05732-14
14.5cm/5½"



Bose



Finsen

Sharp



Finsen

Blunt

Sharp

cm	in				
5	2		17-05739-05	17-05740-05	
7	2¾"	17-05736-07	17-05739-07	17-05740-07	17-05743-07





Allport
17-05750-09
9.5cm/3¾"



Alm

Sharp

Blunt

cm	in		cm	in		
8.5	3½"	17-05746-08	7	2¾"	17-05753-07	17-05756-07
11.5	4½"	17-05746-11	10	4	17-05753-10	17-05756-10



Holzheimer

Sharp		blunt
17-05759-10	10 cm/4"	17-05760-10



Jansen

Sharp		blunt
17-05763-10	10.5 cm/4¼"	17-05764-10



Jansen-Deep

Sharp		blunt
17-05767-10	10.5 cm/4¼"	17-05768-10



Plester
17-05772-11
11.5 cm/4½"



Plester
17-05774-11
11.5 cm/4½"



Plester

Sharp		blunt
17-05777-13	13 cm/5"	17-05778-13



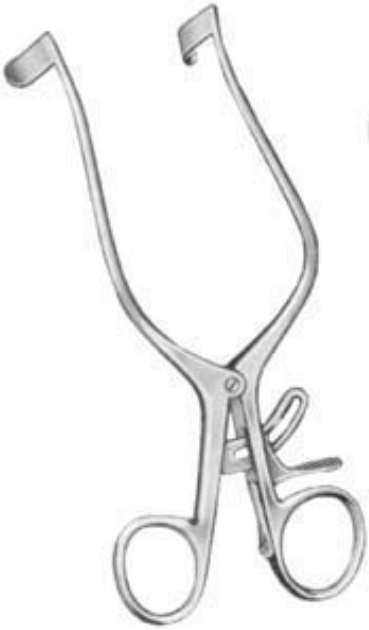




	Weitlaner		Weitlaner		Weitlaner-Wullstein	
	Sharp	Blunt	Sharp	Blunt	Sharp	Blunt
10.5 cm/4¼"	17-05781-10	17-05782-10				
13.0 cm/5"	17-05781-13	17-05782-13	17-05785-13	17-05786-13	17-05789-13	17-05790-13
14.0 cm/5½"	17-05781-14	17-05782-14	17-05785-14	17-05786-14	17-05789-14	17-05790-14
16.5 cm/6½"	17-05781-16	17-05782-16	17-05785-16	17-05786-16	17-05789-16	17-05790-16



Mollison
17-05793-15
15 cm/6"



Tuebinger-Modell
17-05796-16
16 cm/6¼"



Complete with 2 pairs of blades and centre blade

Henner(Lempert)
17-05800-12
12 cm/4½"

Complete with 3 Central blades



Henley

Sharp		Blunt
17-05803-16	16.5 cm/6½"	17-05804-16

Central blades,only



17-05805-19	17-05805-25	17-05805-32
16x19 mm	16x25 mm	16x32 mm



Weitlaner-Baby

13 cm/5"	17-05808-13
16 cm/6¼"	



Milligan

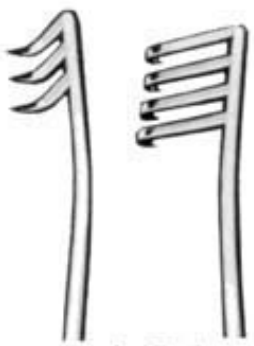
Sharp	Blunt
17-05811-13	17-05812-13



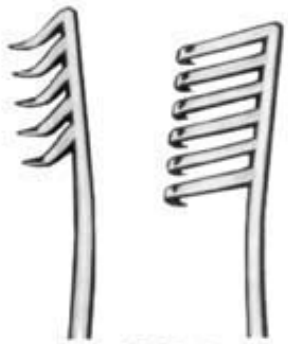
Cone (Adson-Baby)

Sharp	Blunt
17-05815-13	17-05816-13
17-05815-16	17-05816-16





3x4 Teeth



5x6 Teeth

Weitlaner

	Sharp	Blunt	Sharp	Blunt
20 cm/8"	17-05819-20	17-05820-20		
25 cm/10"	17-05819-25	17-05820-25	17-05821-25	17-05822-25



Adson



Anderson-Adson



Cone

	Sharp	Blunt	Sharp	Blunt	Sharp	Blunt
20 cm/8"	17-05823-20	17-05824-20	17-05827-20	17-05828-20	17-05831-20	17-05832-20
26 cm/10¼"	17-05823-26	17-05824-26			17-05831-26	17-05832-26



Travers
17-05836-21
21 cm/8¼"





3x4 Teeth

Jaws Depth	Beckmann-Adson 31 cm/12¼"		Adson 27 cm/10½"	
	Sharp	Blunt	Sharp	Blunt
25 mm	17-05839-01	17-05840-01	17-05843-27	17-05844-27
44 mm	17-05839-02	17-05840-02		

5x6 Teeth



Adson

Sharp 17-05847-27 | 27cm/10½" | Blunt 17-05848-27



Beckmann-Adson (Standard)

Sharp 17-05851-31 | 31cm/12¼" | Blunt 17-05852-31



Adson

17-05856-33
33cm/13"

Hemilaminectomy Retractor



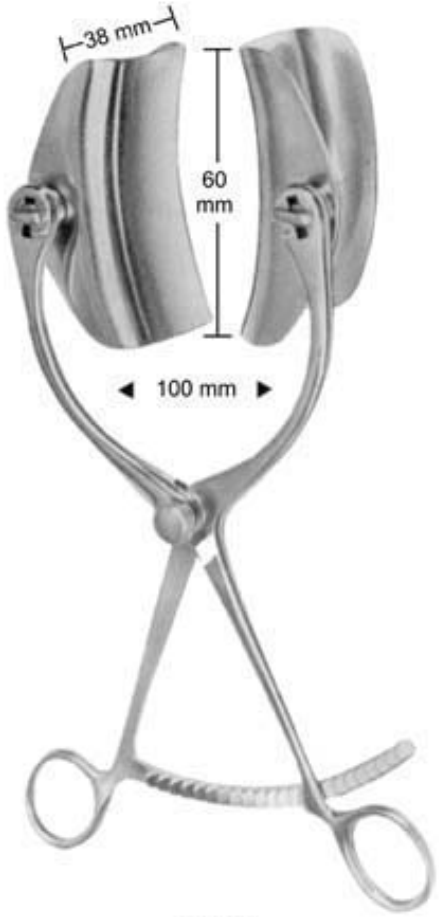
17-05861-27
27cm/10½"



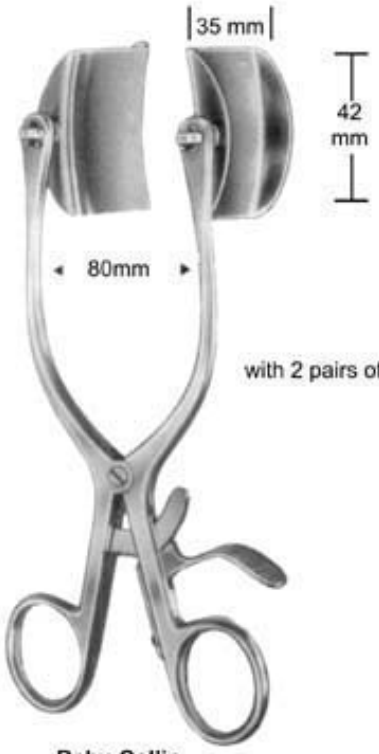
Beckmann-Eaton
17-05864-33
33 cm/13"

Retractor Only
17-05868-01

Lateral Blades
17-05868-02



Collin
17-05868-00
20cm/8"



with 2 pairs of blades

Baby-Collin
17-05872-00

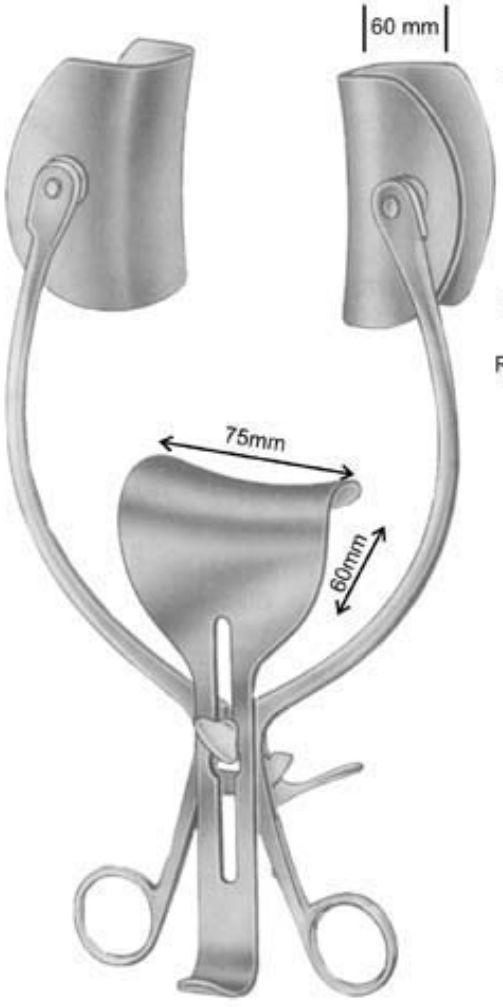


17-05872-01



Collin
20 cm/8"

	Fig. 1	Fig. 2	Fig. 3
Retractors Complete	17-05876-00	17-05878-00	17-05880-00
Retractors Only	17-05876-01	17-05878-01	17-05880-01
Lateral Blades	17-05876-02 38x62 mm	17-05878-02 38x80 mm	17-05880-02 38x100 mm
Central Blades	17-05876-03 55x55 mm		17-05880-03 55x75 mm



Collin

Retractor Complete
17-05884-00
26cm/10½"

Lateral Blades
17-05884-01
60X80mm

Central Blades
17-05884-02
75X60mm

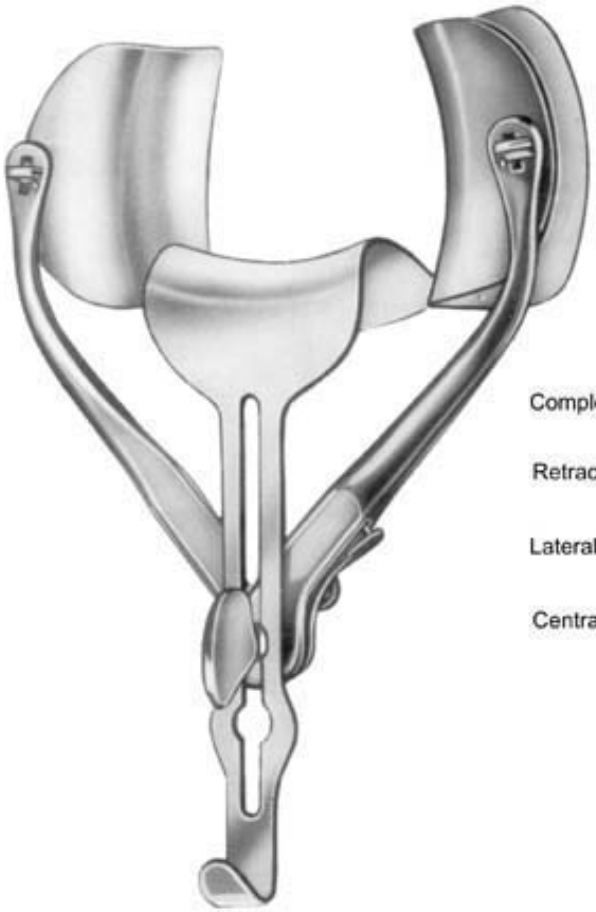
Retractor Only
17-05884-03



Mayo-Adams
17-05886-01
17cm/6¾"



Mayo-Adams
17-05886-02
17cm/6¾"



Ricard
17-05890-00 28cm/11"
17-05894-00 30cm/12"

	Fig. 1	Fig. 2
Complete	17-05890-00	17-05894-00
Retractors Only	17-05890-01	17-05894-01
Lateral Blades	17-05890-02 60x80 mm	17-05894-02 75x85 mm
Central Only	17-05890-03 53x70 mm	17-05894-03 80x90 mm

Vulval Retractor



Richter
17-05898-16
16.5 cm/6½"



Gelpi
17-05902-09 9 cm/3½"
17-05902-11 11 cm/4½"
17-05902-13 13 cm/5"
17-05902-19 19 cm/7½"



Gelpi
17-05904-19
19 cm/7½"



Blades

Fig. 1 1¾"x1"
Fig. 2 2⅛"x1"
Fig. 3 2⅜"x1¾"
Fig. 4 2⅜"x1"

Meyerding
Fig. 1 17-05908-01
Fig. 2 17-05908-02
Fig. 3 17-05908-03
Fig. 4 17-05908-04
18 cm/7"



Markham-Meyerding

17-05912-18 18cm/7" 17-05914-18



Rigby
17-05918-19
19cm/7½"



De Bakey
17-05922-12 12cm/4¾"
17-05922-17 17cm/6¾"

◄ 10cm/4" ►



Gosset
17-05926-00

Fig.1 ◄ 10cm/4" ►
Fig.2 ◄ 14cm/5½" ►



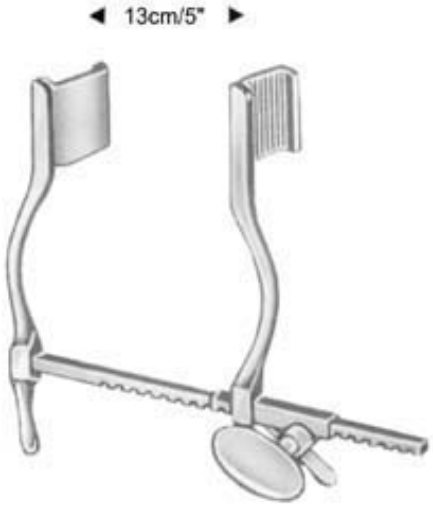
Gosset
Fig.1 17-05928-01
Fig.2 17-05928-02



Retractors Only
17-05932-01

Central Blade
17-05932-02
56X60mm

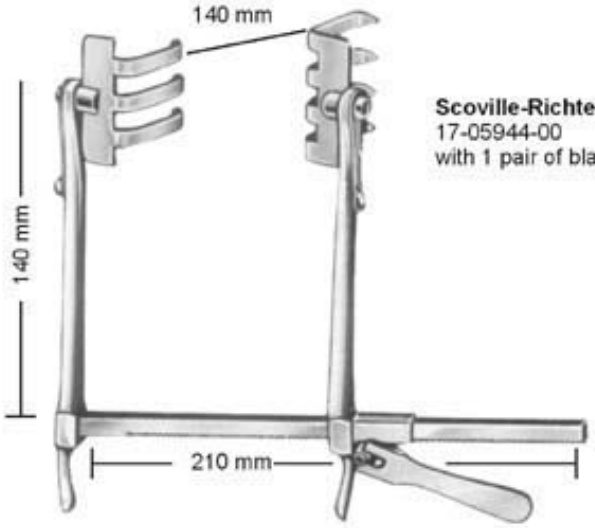
Gosset
17-05932-00



Hertzler
17-05936-00



Frazier
17-05940-00



Scoville-Richter
17-05944-00
with 1 pair of blades 17-05944-01

the blades are available by pairs



17-05944-01
60x50 mm



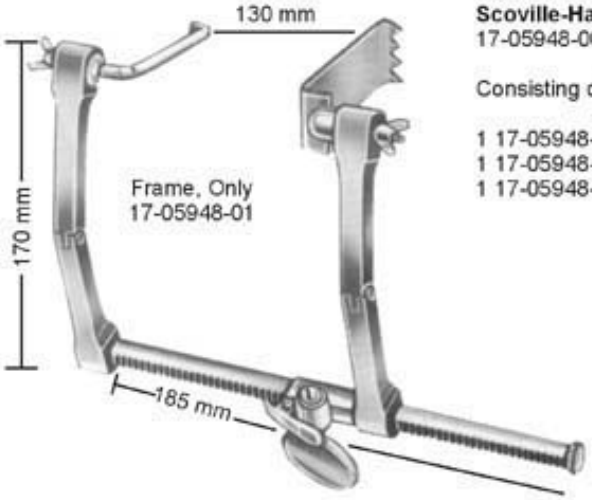
17-05944-02
48x50 mm



17-05944-03
28x40 mm



17-05944-04
38x62 mm



Scoville-Haverfield
17-05948-00

Consisting of:

1 17-05948-01
1 17-05948-02
1 17-05948-03



Scoville
17-05948-02
51 mm



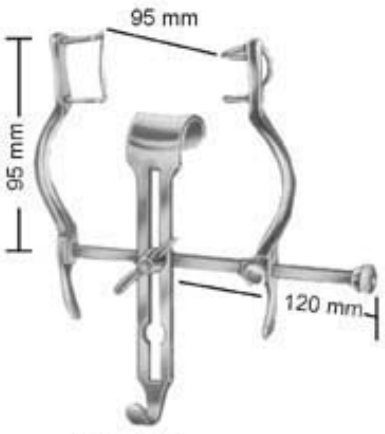
Scoville
17-05948-03 63x25 mm
17-05948-04 63x51 mm
17-05948-05 67x32 mm
17-05948-06 89x25 mm

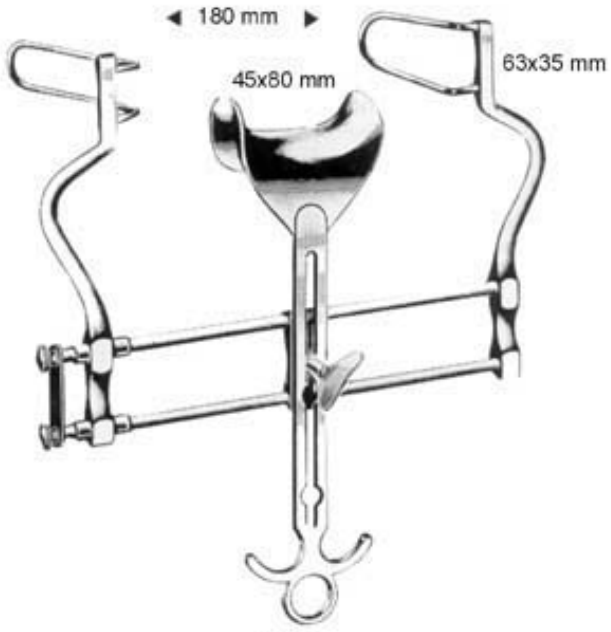


Taylor
17-05948-07
48x38 mm

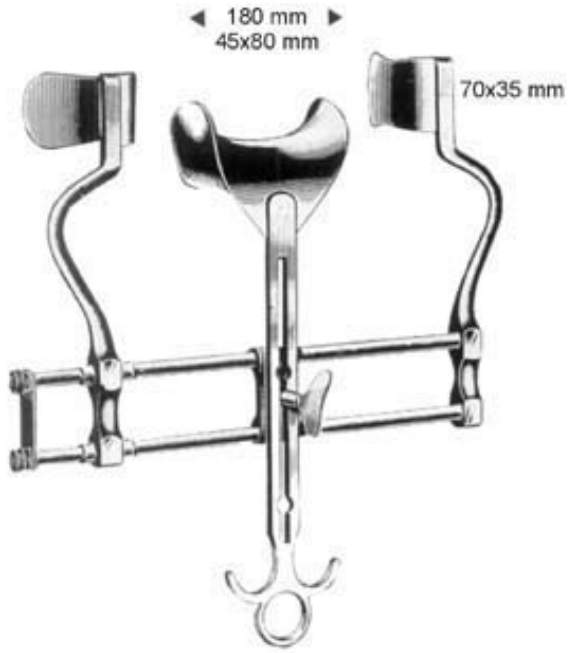


Taylor
17-05948-08 63x51 mm
17-05948-09 79x57 mm





	Baby-Balfour	Balfour
Retractor Complete	17-05952-00	17-05956-00
Retractor Only	17-05952-01	17-05956-01
Central Blade Only	17-05952-02	17-05956-02

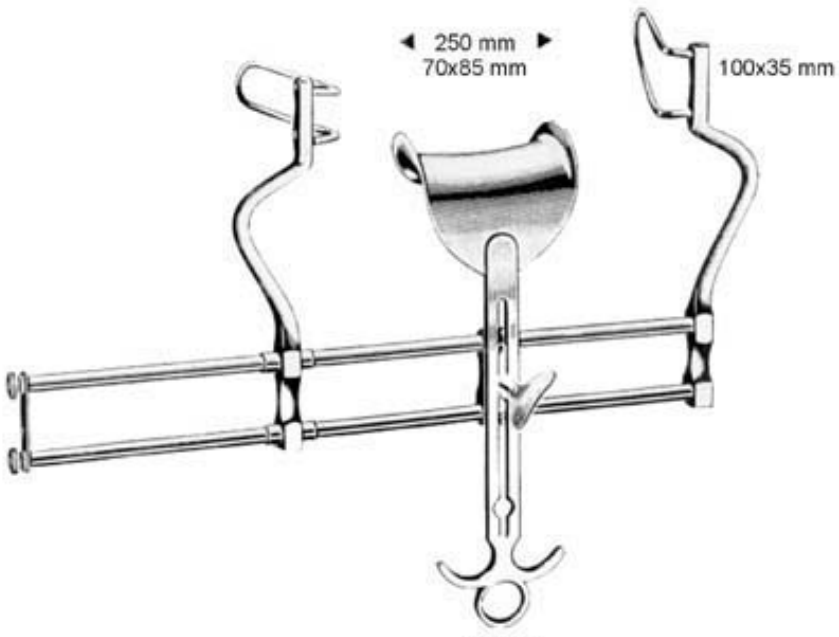


Balfour

Retractor Complete
17-05960-00

Retractor Only
17-05960-01

Central Blade Only
17-05960-02

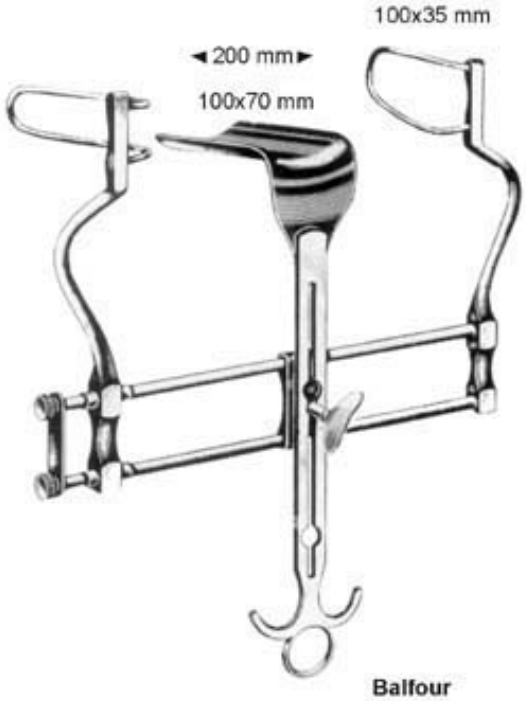


Balfour

Retractor, Complete
17-05964-00

Retractor Only
17-05964-01

Central Blade Only
17-05964-02



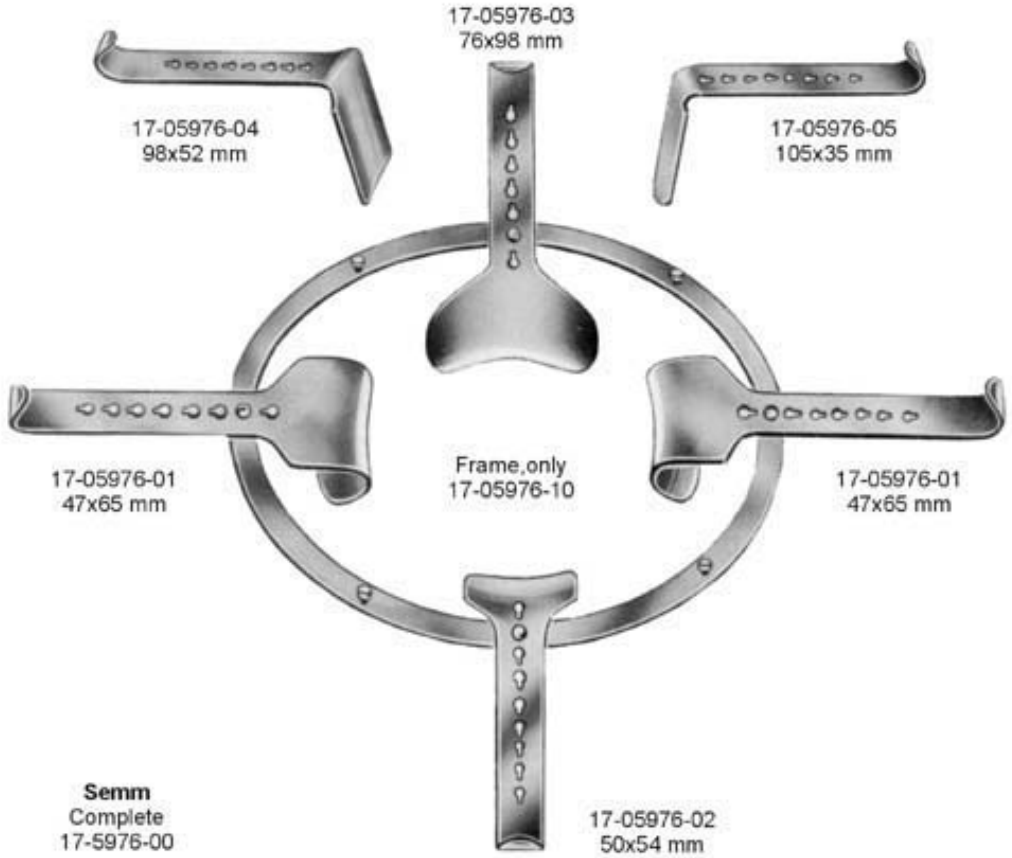
Balfour

Retractor,complete 17-05968-00
Retractor,only 17-05968-01
Central blade,only 17-05968-02

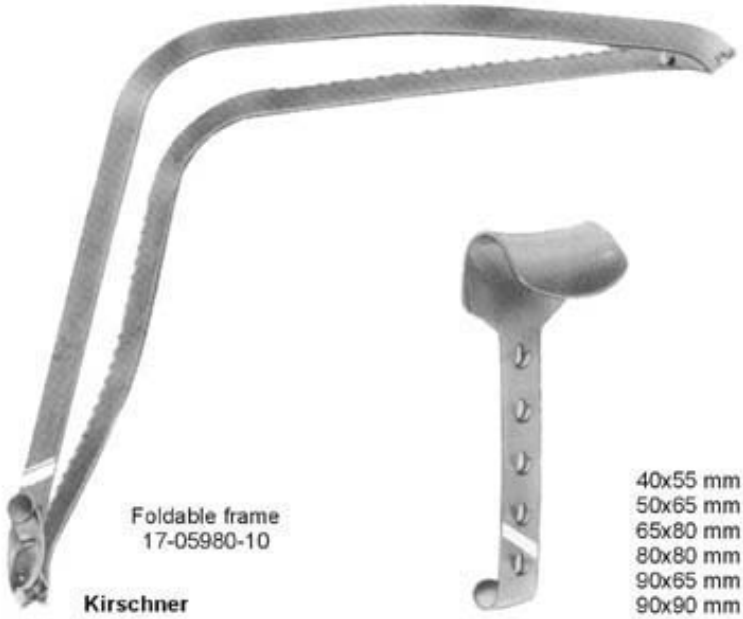


Balfour USA-Modell

Retractor,complete 17-05972-00	
Retractor,only 17-05972-01	
Central blade,only 17-05972-02 45x68 mm	17-05972-03 68x85 mm
Lateral blades,only 17-05972-04 60 mm	17-05972-05 80 mm



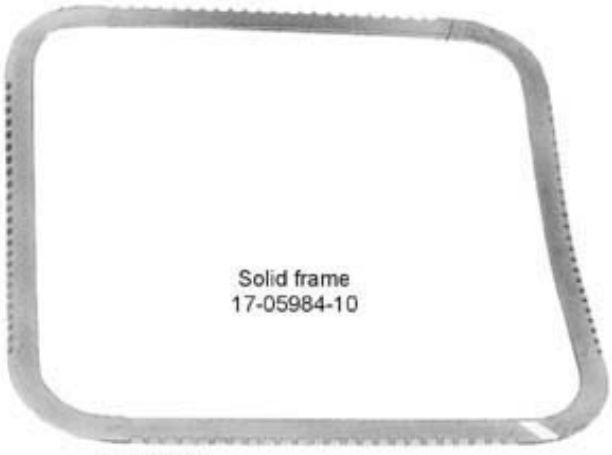
Semm
Complete
17-5976-00



Foldable frame
17-05980-10

Kirschner
Complete
17-05980-00
1x 17-05980-10
2x 17-05980-01
2x 17-05980-02

40x55 mm 17-05980-01
50x65 mm 17-05980-02
65x80 mm 17-05980-03
80x80 mm 17-05980-04
90x65 mm 17-05980-05
90x90 mm 17-05980-06



Solid frame
17-05984-10

Kirschner
Complete
17-05984-00
1x 17-05984-10
2x 17-05984-01
2x 17-05984-02

Frame

17-05988-10 178x140 mm
17-05990-20 255x178 mm

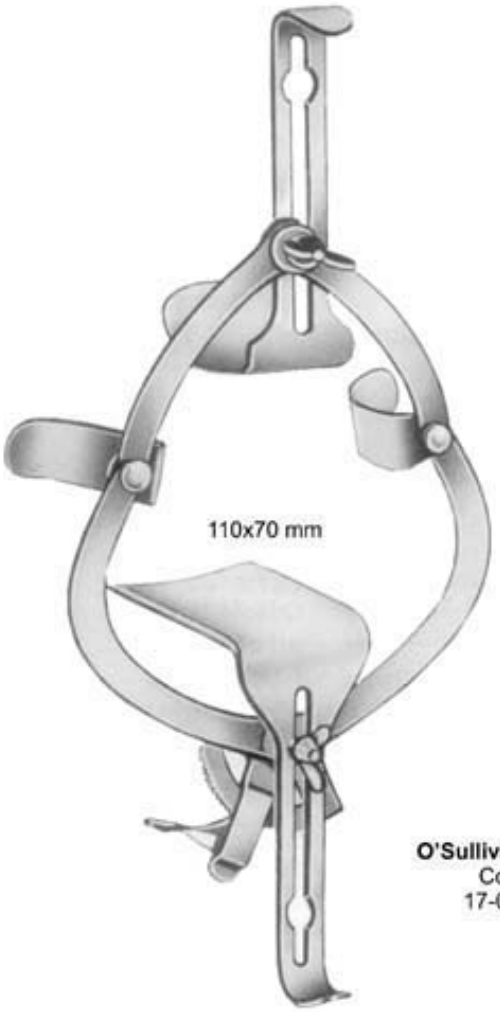


Fig.1 17-05988-01 38x38 mm
Fig.2 17-05988-02 38x25 mm



Denis-Brown
Consisting of

Complete			
17-5988-00	1x 17-05988-10	2x 17-05988-01	2x 17-05988-02
17-5990-00	1x 17-05990-20	2x 17-05988-01	2x 17-05988-02



110x70 mm

O'Sullivan-O'Connor
Complete
17-05994-00



17-05994-01
80x45 mm



17-05994-02
80x45 mm



17-05994-03
110x70 mm

17-05998-01 38x60 mm
17-05998-02 45x80 mm



17-05998-03 50x65 mm
17-05998-04 60x85 mm

Foldable Frame
17-05998-10

Franz

Complete with 4 valves 17-5998-00	With con	17-05998-10 1x 17-05998-01 2x 17 05998-03 2x
Complete with 8 valves 17-5999-00	With con	17-05998-10 1x 17-05998-01 2x 17 05998-02 2x 17-05998-03 2x 17-05998-04 2x



17-06002-01 48x90 mm
17-06002-02 48x105 mm
17-06002-03 48x120 mm
17-06002-04 48x135 mm

Doyen
28cm/11"







cm	In	1.0 mm Ø	1.5 mm Ø	2.0 mm Ø	2.0 mm Ø		Wastson-Cheyne	Fish
11.5	4½"	18-06004-11	18-06006-11	18-06008-11		18-06012-11		
13	5"	18-06004-13	18-06006-13	18-06008-13		18-06012-13	18-06016-13	
14.5	5¾"	18-06004-14	18-06006-14	18-06008-14	18-06010-14	18-06012-14		18-06020-14
16	6¼"	18-06004-16	18-06006-16	18-06008-16	18-06010-16	18-06012-16		
18	7"	18-06004-18	18-06006-18	18-06008-18		18-06012-18	18-06016-18	18-06020-18
20	8"	18-06004-20	18-06006-20	18-06008-20		18-06012-20		
25	10"	18-06004-25	18-06006-25	18-06008-25				










cm	In					Nelaton	Stacke 1.0 mm Ø	Brodie
10.5	4¼"						18-06036-10	
11.5	4½"	18-06024-11						
13	5"	18-06024-13		18-06028-13	18-06032-13			
14.5	5¾"	18-06024-14	18-06025-14	18-06028-14	18-06032-14			
16	6¼"	18-06024-16		18-06028-16	18-06032-16	18-06033-16		18-06040-16
18	7"	18-06024-18		18-06028-18				
20	8"	18-06024-20			18-06032-20			

Of tin



18-06044-25 25 cm/10"
18-06044-30 30 cm/12"
18-06044-40 40 cm/15¾"

Plaster spatulas



18-06048-13 13 cm/5"
18-06048-14 14 cm/5½"



Pelteson
18-06052-23
23 cm/9"



Fein
18-06054-28
28 cm/11"



Buie
18-06058-16
16 cm/6¼"

Fistula probes



Lockhart-Mummary
16.5 cm/6½"



Fig. 1
18-6062-01



Fig. 2
18-6062-02

Fig. 3
18-6062-03



Fig. 4
18-6062-04



Pratt
21 cm/8¼"



18-06070-01



18-06070-02



18-06070-03



Universal

cm	in	1.2 mm ∅	1.5 mm ∅	1.7 mm ∅
12.5	5"	18-06074-12		
16	6¼"	18-06074-16		
18	7"	18-06074-18	18-06075-18	18-06076-18



Uckermann
18-06078-16
16 cm/6¼"



Jobson-Horne
18-06080-13 13 cm/5"
18-06080-18 18 cm/7"



Round Triangular

Farrell
(Farrell-Lathbury)

cm	in		●	▲
12	4¾"			
14	5½"	0.9 mm ∅	18-06084-14	18-06086-14
16	6¼"	1.1 mm ∅	18-06084-16	18-06086-16
18	7"			



Round Triangular

● 1.2 mm ∅	● 1.5 mm ∅	▲ 1.5 mm ∅
18-06090-12	18-06092-12	18-06094-12
18-06090-14	18-06092-14	18-06094-14
18-06090-16	18-06092-16	18-06094-16
18-06090-18	18-06092-18	18-06094-18



28cm/11"
38cm/15"



18-06098-28
18-06098-38



18-06100-28
18-06100-38



Frankfeldt
18-06104-36
36cm/14¼"





28cm/11"
2.5 mmØ



18-06108-01



18-06108-02



18-06108-03



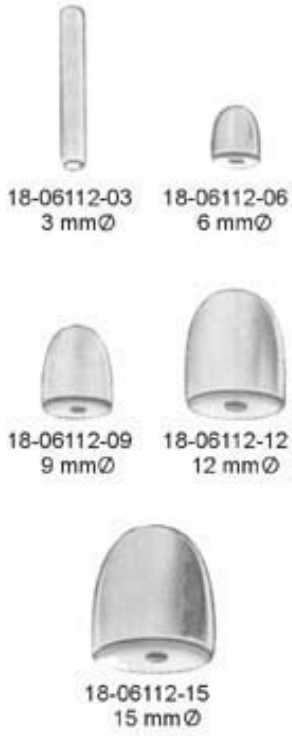
Nabatoff
18-06112-00
135x100x25 mm

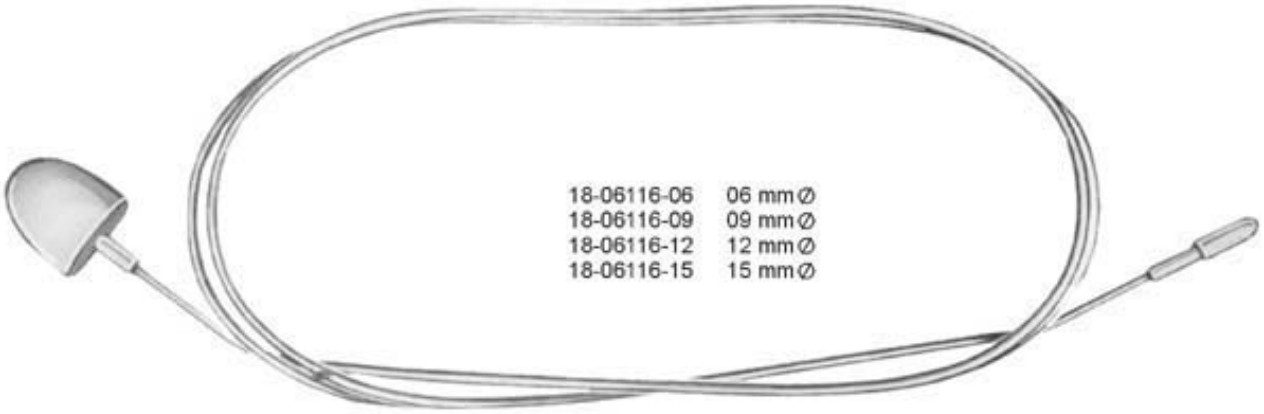
Sterilizable

18-06112-01

18-06112-02







Myers

Strippers



55cm/21½"



Handle for
18-06120-00

	mm ∅
18-06120-02	2.0
18-06120-03	3.0
18-06120-04	4.0
18-06120-06	6.0
18-06120-07	7.0
18-06120-08	8.5
18-06120-10	10.0
18-06120-12	12.0
18-06120-14	14.0

Probes for Varicose Veins



Babcock

Malleable

cm	in	
40	13½"	18-06124-40
50	20"	18-06124-50
65	26"	18-06124-65
80	32"	18-06124-80

Vessel Irrigatings Cannulas



Schimd



18-06128-03
3 mm ∅



18-06128-04
4 mm∅



18-06128-05
5mm∅



18-06128-06
6mm∅



3 mm
Blunt

18-06132-18 18.0 cm/7"
18-06132-21 21.5 cm/8½"

Spatulas



Schmid



18-06136-14
14 cm/5½"
5 mm



18-06136-24
24 cm/9¼"
7 mm



Straight
19-06140-14



Curved
19-06141-14

Castroviejo
14cm/5½"



Straight
19-06144-14
19-06144-18



Curved
19-06145-14
19-06145-18



Castroviejo

Straight
19-06152-14



Curved
19-06153-14





Castroviejo
14cm/5½"



Straight
19-06148-09



Curved
19-06149-09



Castroviejo
9cm/3½"



Straight
19-06156-09



Curved
19-06157-09

Castroviejo
9 cm/3½"



Straight
19-06160-14



Curved
19-06161-14



Castroviejo
14 cm/5½"



Paton
19-06164-11
11.5 cm/4½"



Jacobson

cm	in	Without ratchet	With ratchet
18	7"	19-06168-18	19-06170-18
21	8¼"	19-06168-21	19-06170-21



Yasargil



Straight

19-06174-20 20.0 cm/8"
19-06174-22 22.5 cm/9"



Curved

19-06175-16 16.5 cm/6½"
19-06175-20 20.0 cm/9"
19-06175-22 22.5 cm/9"
19-06175-24 24.5 cm/9¾"





Straight

19-06178-16 16.0 cm/6¼"
19-06178-18 18.5 cm/7¼"



Curved

19-06179-16 16.0 cm/6¼"
19-06179-18 18.5 cm/7¼"



Straight
19-06182-15
15 cm/6"

Curved
19-06183-15
15 cm/6"

Straight
19-06186-18
18 cm/7"

Curved
19-06187-18
18 cm/7"

Straight
19-06190-18
18 cm/7"

Straight



19-06194-18
19-06194-22

Yasargil
18.0 cm/7"
22.5 cm/8¾"

Curved



19-06195-18
19-06195-22



Straight
19-06198-15
15 cm/6"



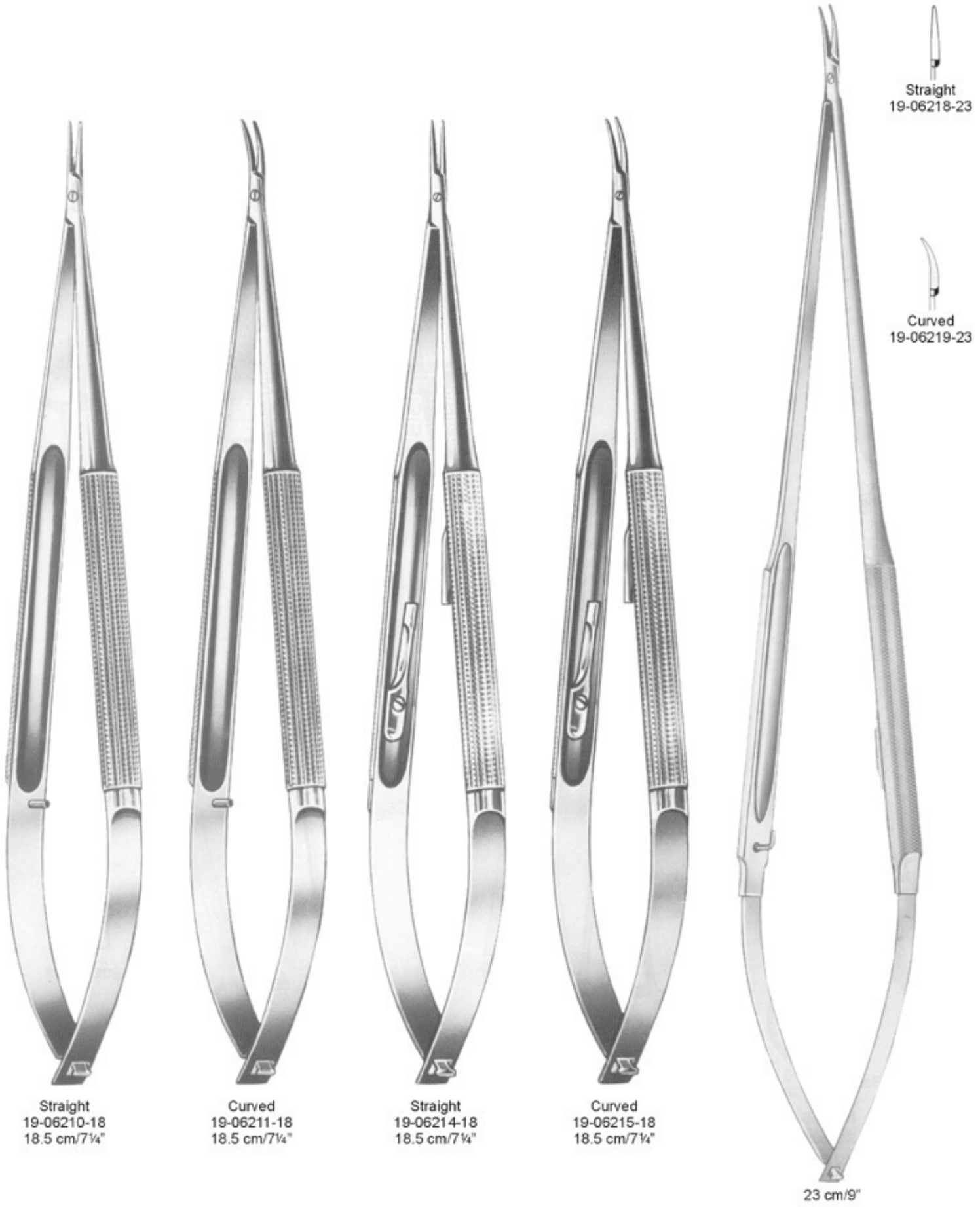
Curved
19-06199-15
15 cm/6"



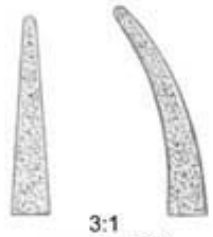
Straight
19-06206-15
15 cm/6"



Curved
19-06207-15
15 cm/6"


Straight
19-06218-23
Curved
19-06219-23
Straight
19-06210-18
18.5 cm/7¼"
Curved
19-06211-18
18.5 cm/7¼"
Straight
19-06214-18
18.5 cm/7¼"
Curved
19-06215-18
18.5 cm/7¼"
23 cm/9"







Straight



Curved

19-06222-18	18 cm/7"	With ratchet
19-06222-21	21 cm/8¼"	
19-06222-23	23 cm/9¼"	

19-06223-18	18 cm/7"	Without ratchet
19-06223-21	21 cm/8¼"	
19-06223-23	23 cm/9¼"	

The new modified structure of a Mouth aires the possibillity of the smooth , slide surface of the suture material.
The "careful" Needleholder does not cause notches on the surface of the needles. The needle would not loose her gliding ability.



Straight
19-06226-12
12 cm/4¾"

Curved
19-06227-12
12 cm/4¾"

Angled
19-06229-12
12 cm/4¾"

Straight
19-06232-12
12 cm/4¾"

Curved
19-06233-12
12 cm/4¾"

Angled
19-06235-12
12 cm/4¾"



Straight
19-06238-14

Curved
19-06239-14

Arruga
14 cm/5½"



Stevens
19-06242-13 13 cm/5"
19-06242-15 15 cm/6"



Kalt
19-06246-14
14 cm/5½"



Castroviejo-Kalt
19-06248-13
13.5 cm/5¼"



Kalt-Arruga
19-06250-14
14 cm/5½"





Straight
19-06254-12



Curved
19-06255-12

Castroviejo
12cm/4¾"





Straight
19-06258-12



Curved
19-06259-12

Castroviejo
12cm/4¾"









Straight
19-06270-16



Curved
19-06271-16

Castroviejo
19-06262-13
13cm/5"

Boynton
19-06266-12
12cm/4¾"

Arruga
16cm/6¼"



Castroviejo

TC

		Smooth
14cm/5½"	19-06274-14	19-06278-14
18cm/7"	19-06274-18	19-06278-18
21cm/8¼"	19-06274-21	19-06278-21
14cm/5½"	19-06275-14	19-06279-14
18cm/7"	19-06275-18	19-06279-18
21cm/8¼"	19-06275-21	19-06279-21



19-06282-14

19-06284-14

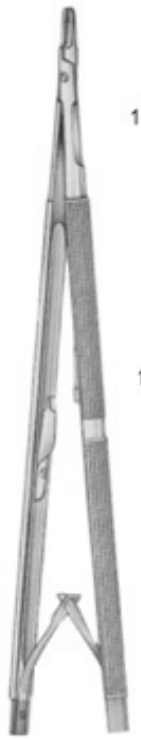
Kalt
14cm/5½"



Barraquer
19-06288-14
14cm/5½"



Castroviejo
19-06292-13
13cm/5"



19-06296-18

19-06298-18

Smooth

Hepp-Schiedel
18cm/7"

TC



Arruga
14cm/5½"



Straight
19-06302-14



Curved
14-06303-14

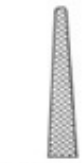


Jacobson
19-06306-14 18cm/7"
19-06306-20 20cm/8"
19-06306-23 23cm/8¾"



Diethrich

Straight		Curved
19-06310-16	16cm/6¼"	19-06311-16
19-06310-18	18cm/7"	19-06311-18
19-06310-20	20cm/8"	19-06311-20
19-06310-23	23cm/9"	19-06311-23
19-06310-25	25cm/10"	19-06311-25



19-06314-13

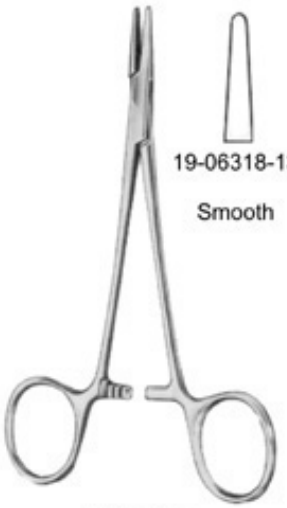


19-06315-13

Smooth



Halsey
13cm/5"



19-06318-13

Smooth

Webster
13cm/5"



Derf
19-06322-12
12cm/4 ¾"



Derf
19-06324-12
12.5cm/5"



Collier
19-06326-12
12.5cm/5"



Hegar-Baumgartner
19-06330-14
14cm/5½"

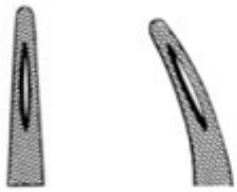


Brown
19-06334-13 13cm/5"
19-06334-18 18cm/7"



New Orleans
19-06338-18
18cm/7"





13cm/5"	19-06342-13	
14cm/5½"	19-06342-14	
16cm/6¼"	19-06342-16	19-06343-16
18cm/7"	19-06342-18	19-06343-18
20cm/8"	19-06342-20	19-06343-20
24cm/9½"	19-06342-24	19-06343-24
26cm/10¼"	19-06342-26	19-06343-26
30cm/12"	19-06342-30	19-06343-30

Mayo-Hegar



Heaney
19-06347-21
21cm/8¼"

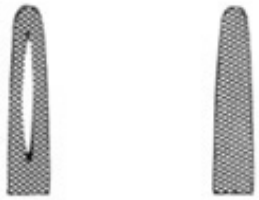
Delicate Pattern



Mayo-Hegar
19-06350-16 16cm/6¼"
19-06350-18 18cm/7"
19-06350-20 20cm/8"

Heavy Pattern





Hegar
19-6354-16 16cm/6¼"
19-6354-18 18cm/7"
19-6354-20 20cm/8"



M.G.H
(Mass.-General-Hospital)
19-06358-17
17 cm/6¾"



Sarot
19-06362-18 18.5 cm/7¼"
19-06362-26 26.0 cm10¼"



Finocchietto
19-06365-27
27 cm/10½"



Masson
19-06368-27
27 cm/10½"



Jameson
19-06372-23
23.5 cm/9¼"



Wangensteen
19-06376-27
27 cm/10½"



Crile-Wood
19-06380-15
15 cm/6"



Crile-Murray
19-06384-15
15 cm/6"



Adson
19-06388-18
18 cm/7"



Ermold
19-06392-17 17 cm/6¾"
19-06392-20 20 cm/8"

Needle holders with scissors



Baby-Olsen-Hegar
11.5 cm/4½"



Smooth
19-06396-11



Olsen-Hegar
19-06398-14 14 cm/5½"
19-06398-18 18 cm/7"



Olsen-Hegar
19-06400-17
17 cm/6¾"



Olsen-Hegar
19-06404-14
14 cm/5½"



Gillies
19-06406-16
16 cm/6¼"



Gillies Slim
19-06408-14
14 cm/5½"



Crile
19-06412-15
15 cm/6"



Axhausen
19-06416-18
18.5 cm/7¼"



Lichtenberg
19-06420-20
20 cm/8"



Toennis
19-06424-18
18 cm/7"



Mathieu



19-06428-14	14 cm/5½"	19-06430-14
19-06428-17	17 cm/6¾"	19-06430-17
19-06428-20	20 cm/8"	19-06430-20



Mathieu

19-06434-14 14 cm/5½"
19-06434-17 17 cm/6¾"
19-06434-20 20 cm/8"

Two rings angled

TC



Neivert
19-06438-13
13 cm/5"



Neivert
19-06440-13
13 cm/5"

Smooth



Webster
19-06444-13
13 cm/5"



Derf
19-06448-12
12.5 cm/5"



New Orleans
19-06452-18
18 cm/7"



Bozemann
19-06456-20 20 cm/8"
19-06452-24 24 cm/9½"
19-06452-26 26 cm/10½"



Mayo-Hegar

TC



19-06460-16		16cm/6¼"
19-06460-18		18cm/7"
19-06460-20	19-06461-20	20cm/8"
19-06460-24	19-06461-24	24cm/9½"
19-06460-26	19-06461-26	26cm/10½"
19-06460-30		30cm/12"



Hegar-Baumgartner
19-06464-14
14cm/5½"





Heavy Pattern

Mayo-Hegar
19-06470-20 20cm/8"
19-06470-24 24cm/9½"



De Bakey

19-06474-18	18cm/7"
19-06474-20	20cm/8"
19-06474-23	23cm/9"
19-06474-26	26cm/10¼"
19-06474-31	31cm/12¼"



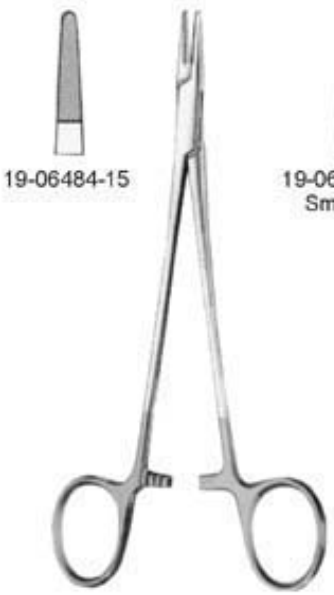
De Bakey-Fine

19-06476-18
19-06476-20
19-06476-23
19-06476-26
19-06476-31

TC



Baby-Crile-Wood
19-06480-15
15cm/6"

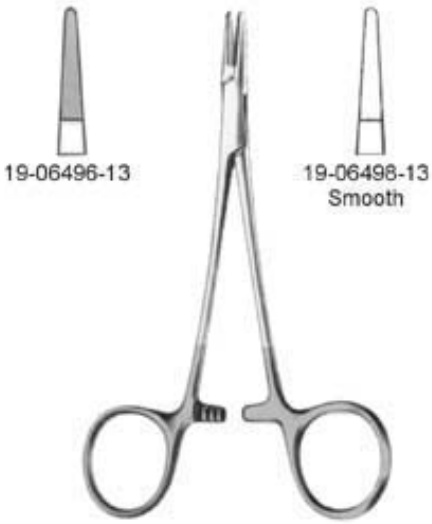


Crile-Wood
15cm/6"



Crile-Wood

	cm	in
19-06492-18	18	7"
19-06492-20	20	8"
19-06492-23	23	9"
19-06492-26	26	10¼"
19-06492-31	31	12¼"



Halsey
13cm/5"



Converse
19-06502-12
12.5cm/5"



Kilner
19-06506-13
13.5cm/5¼"

TC



Hegar-Vascular
19-06510-14 14cm/5½"
19-06510-18 18cm/7"
19-06510-20 20cm/8"
19-06510-23 23cm/9"



Ryder	Micro-Ryder	
19-06514-13	19-06516-13	13cm/5"
19-06514-15	19-06516-15	15cm/6"
19-06514-18	19-06516-18	18cm/7"
19-06514-20	19-06516-20	20cm/8"
19-06514-23	19-06516-23	23cm/9"
19-06514-26	19-06516-26	26cm/10¼"



(Swedish Pattern)
19-06520-15 15cm/6"
19-06520-17 17cm/6¾"
19-06520-20 20cm/8"

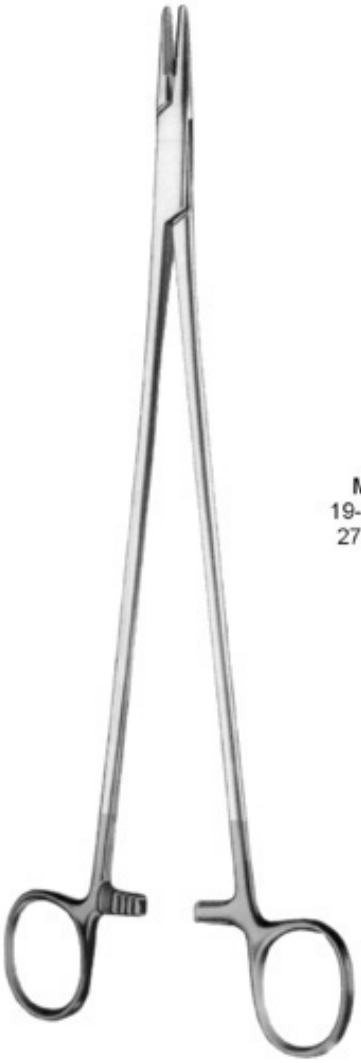


Sarot
19-06524-18 18cm/7"
19-06524-26 26cm/10¼"

TC



Stratte
19-06528-23
23cm/9"





Masson
19-06532-27
27cm/10½"



Wangensteen
19-06534-27
27cm/10½"



Finocchietto
19-06537-20 20cm/8"
19-06537-27 27cm/10½"

TC







	Mathieu	Mathieu	Mathieu-Ryder
14cm/5½"	19-06540-14	19-06542-14	
17cm/6¾"	19-06540-17	19-06542-17	19-06544-17
20cm8"	19-06540-20	19-06542-20	19-06544-20
24cm/9½"	19-06540-24	19-06542-24	







	Langenbeck	Langenbeck-Ryder	Lichtenberg
16cm/6¼"	19-06548-16		
18cm/7"	19-06548-18	19-06550-18	
20cm/8"	19-06548-20	19-06550-20	19-06554-20

TC



Toennis
19-06558-18
18 cm/7"



Mathieu-Kocher
19-06562-14 14 cm/5½"
19-06562-17 17 cm/6¾"
19-06562-20 20 cm/8"



Axhausen
19-06566-18
18.5 cm/7¼"



Zweifel
19-06570-20 20 cm/8"
19-06570-23 23 cm/9"

TC



19-06574-20 20 cm/8"
19-06574-25 25 cm/10"



Heavy Pattern

Mathieu
19-06578-20 20 cm/8"
19-06578-24 24 cm/9½"



Metzenbaum
19-06582-17 17 cm/6¾"
19-06582-20 20 cm/8"



19-06586-16

19-06587-16



Arruga
16 cm/6¼"



Boynton
19-06590-12
12 cm/4¾"



Hosel
19-06594-20 20 cm/8"
19-06594-25 25 cm/10"



Baby-Olsen-Hegar
19-06598-11
11.5 cm/4½"

TC



Olsen-Hegar
19-06600-14
14 cm/5½"



Olsen-Hegar
19-06602-17
17 cm/6¾"



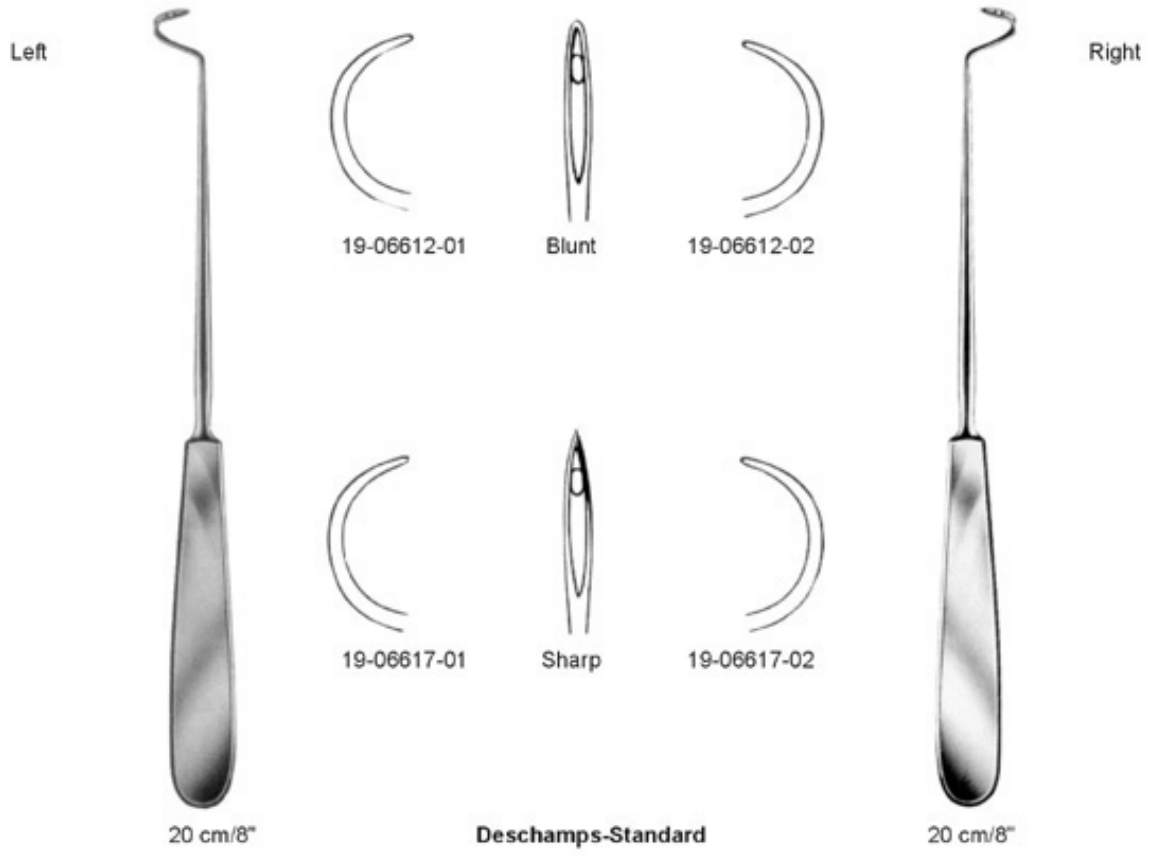
Olsen-Hegar
19-06604-18
18 cm/7"

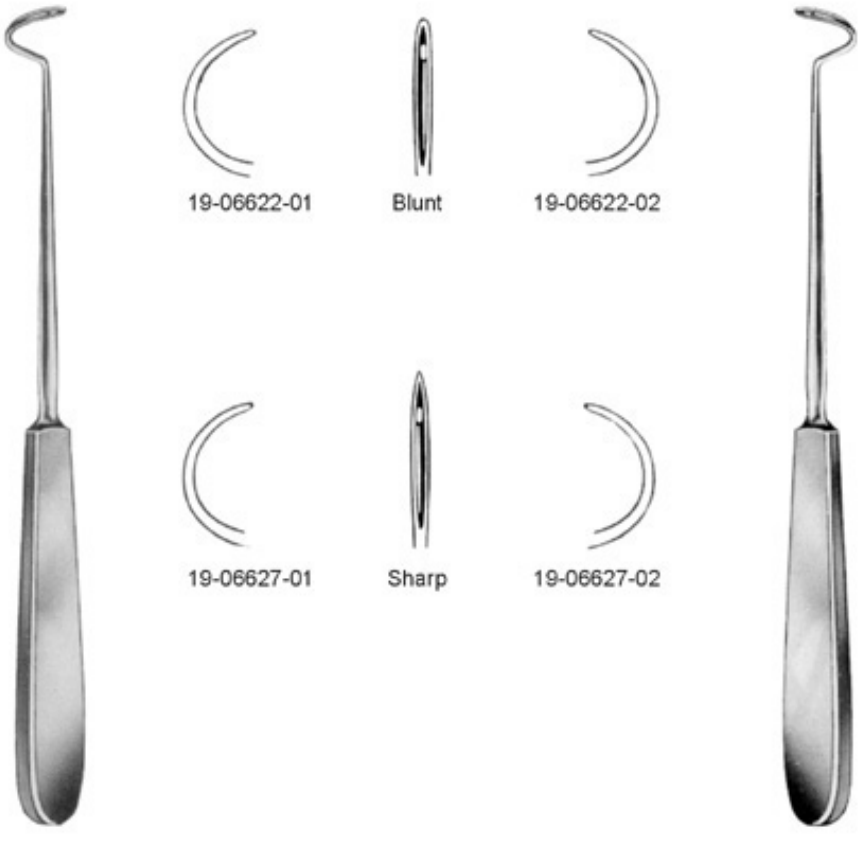


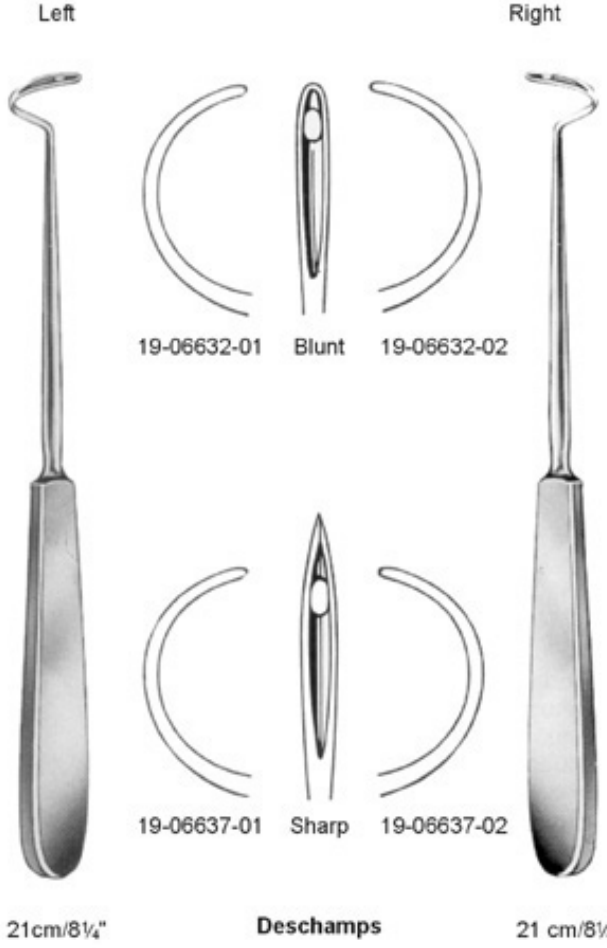
Gillies-Slim
19-06607-14
14.5 cm/5½"



Gillies
19-06609-16
16 cm/6¼"


Left
Right
19-06612-01
Blunt
19-06612-02
19-06617-01
Sharp
19-06617-02
20 cm/8"
Deschamps-Standard
20 cm/8"


19-06622-01
Blunt
19-06622-02
19-06627-01
Sharp
19-06627-02
20 cm/8"
Deschamps
20 cm/8"



21cm/8¼"

Deschamps

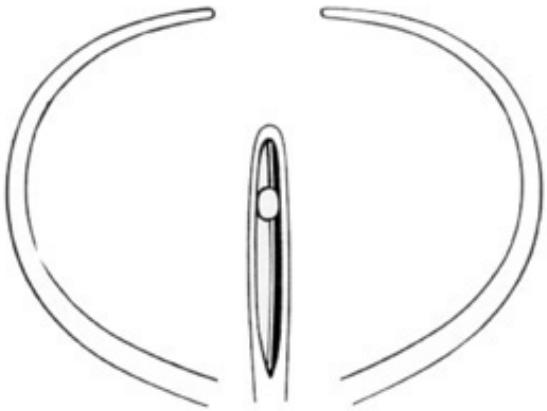
21 cm/8¼"



Deschamps
24 cm/9½"

19-06642-01 19-06642-02

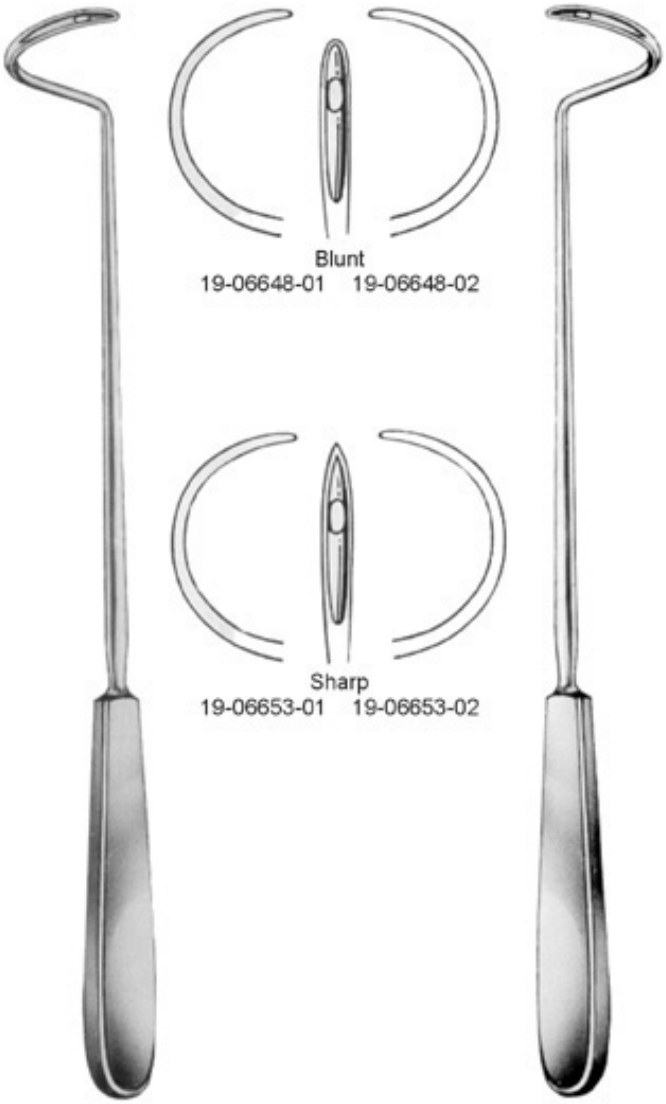
Left Right



Left Right

Blunt
19-06648-01 19-06648-02

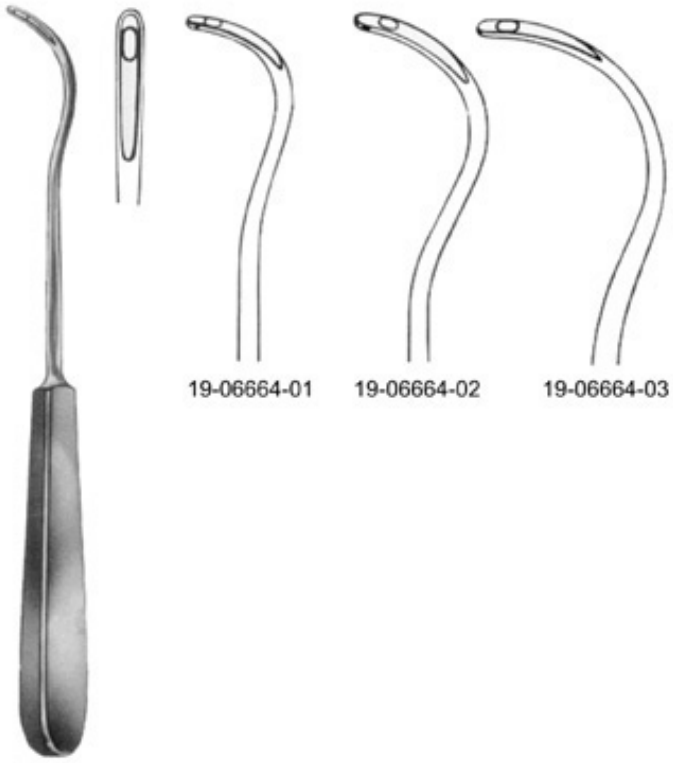
Sharp
19-06653-01 19-06653-02



27 cm/10½" **Deschamps** 27 cm/10½"



Deschamps
19-06658-01 28 cm/11" 19-06658-02



19-06664-01 19-06664-02 19-06664-03

Kocher
19 cm/7½"



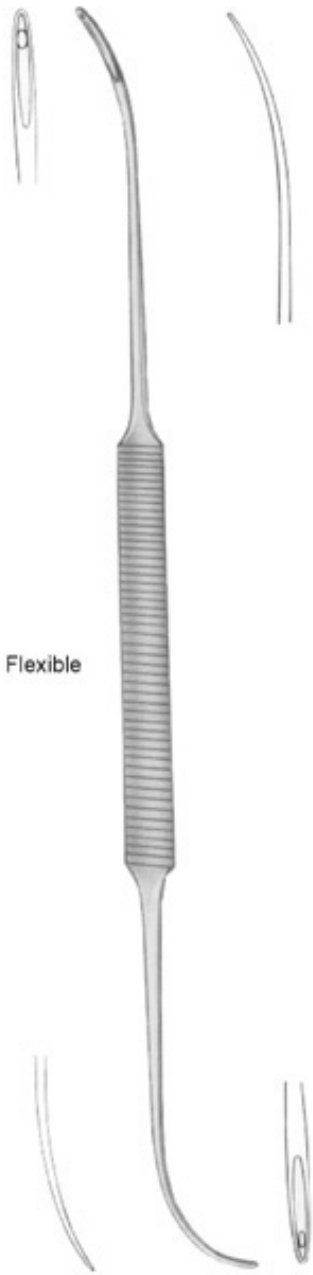
Kronecker
19-06672-01 13 cm/5" 19-06672-02



Dupuy-Weiss
19-06677-01 22 cm/8¾" 19-06677-02



Durham
19-06685-01 21 cm/8¼" 19-06685-02



Flexible

Schmieden-Dick
19-06690-32
32 cm/12½"



Schmieden
19-06694-21
21 cm/8¼"



Flexible

19-06698-20
20 cm/8"



Cooper
19-06702-19
19 cm/7½"



With 1 needle

Young
19-06705-21 21 cm/8¼"
19-06707-25 25 cm/10"

Spare needle only



19-06705-01



19-06705-02



19-06705-03



Reverdin
14 cm/5½"



Fig. 1
19-06711-01



Fig. 2
19-06711-02



Fig. 3
19-06711-03



Fig. 4
19-06711-04



Reverdin
19.5 cm/7¾"



Fig. 1
19-06715-01



Fig. 2
19-06715-02



Fig. 3
19-06715-03



Fig. 4
19-06715-04



Reverdin
22.5 cm/8¾"



Fig. 1
19-06717-01



Fig. 2
19-06717-02



Fig. 3
19-06717-03



Fig. 4
19-06717-04



Brunner
19-06720-25
25 cm/10"



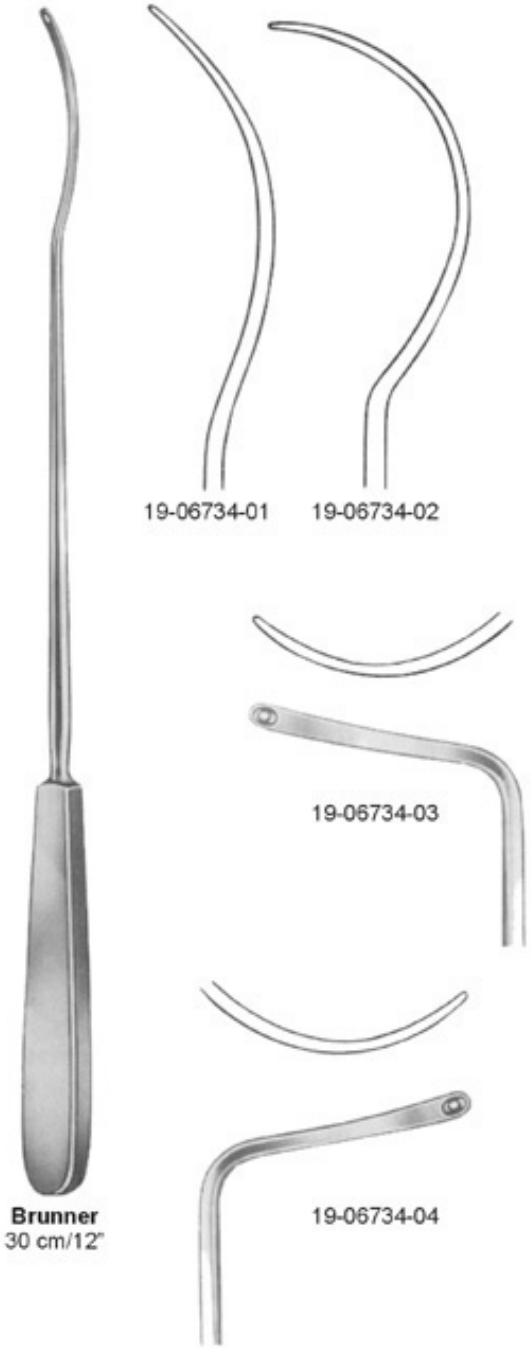
Payr
19-06724-22
22 cm/8¾"

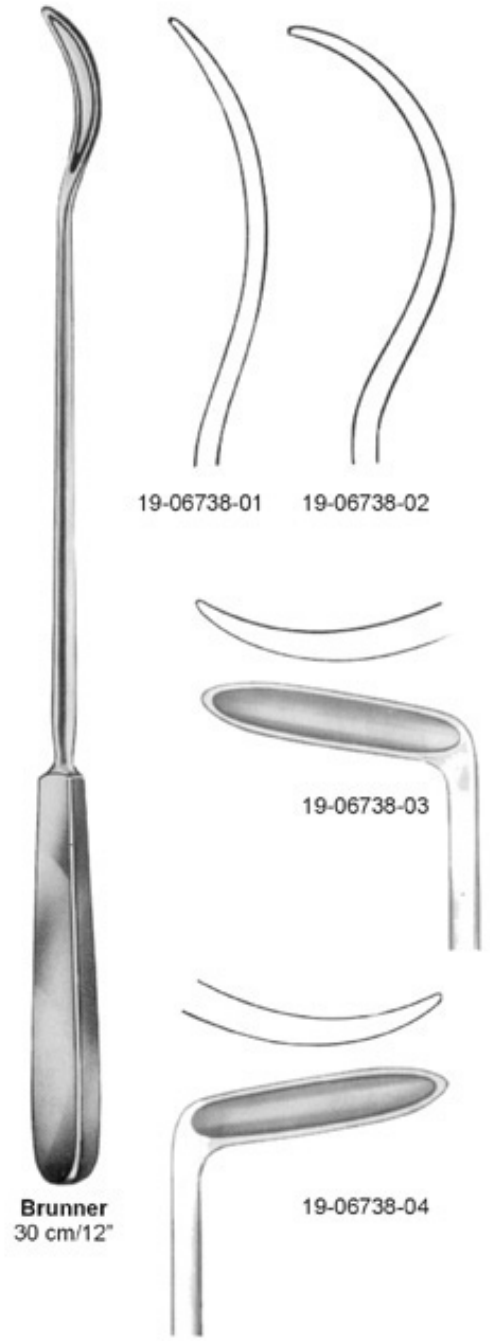


Payr
19-06726-22
22 cm/8¾"



Brunner
19-06730-24
24.5 cm/9¾"


19-06734-01
19-06734-02
19-06734-03
19-06734-04
Brunner
30 cm/12"


19-06738-01
19-06738-02
19-06738-03
19-06738-04
Brunner
30 cm/12"



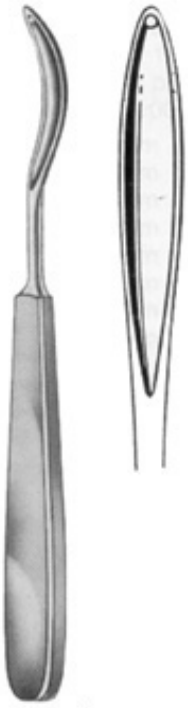
Kirschner
19-06742-25
25.5 cm/10"



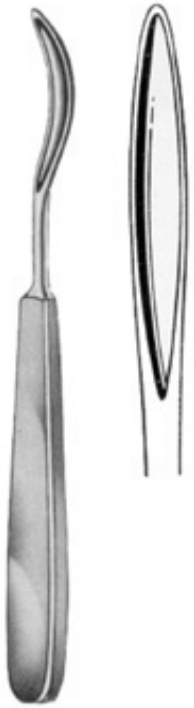
19-06746-28
28 cm/11"



Brunner-Ferrozell
19-06750-18 18 cm/7"
19-06750-27 27 cm/10½"



Schmieden-Payr
19-06754-19
19 cm/7½"



Schmieden
19-06756-19
19 cm/7½"



Konig
19-06760-19
19.5 cm/7¾"



Konig
19-06762-19
19.5 cm/7¾"



Konig
19-06764-20
20 cm/8"



Wien
19-06768-23
23.5 cm/9¼"



Bozemann
19-06772-21
21 cm/8¼"



19-06776-23
23 cm/9"



Micheal
19-06780-12
12 cm/4¾"



Micheal
19-06782-12
12 cm/4¾"



Wachenfeldt
19-06786-12
12 cm/4¾"



Wachenfeldt
19-06788-12
12 cm/4¾"



Wachenfeldt
19-06790-13
13 cm/5"



Wachenfeldt
19-06792-13
13 cm/5"



Michel
19-06796-12
12 cm/4¾"



Michel Modif
19-06798-12
12.5 cm/5"



Collin
19-06802-13
13 cm/5"



Richter-Heath
19-06806-14
14 cm/5½"



Child
19-06810-17
17 cm/6¾"



Child
19-06812-17
17 cm/6¾"



Hopkins
20-06816-20
20 cm/8"



Esmarch
20-06820-18
18 cm/7"



Reiner
20-06824-18
18.5 cm/7¼"

Plaster Saw



Engel
20-06828-14
14cm/5½"



Henning
20-06832-28
28 cm/11"



Beeson
20-06836-30
30 cm/12"



Haglund-Stille
20-06840-28
28 cm/11"



Mod. USA
20-06844-23
23 cm/9"



Wolff
20-06848-18 18 cm/7"
20-06848-24 24 cm/9½"



Stille
20-06852-24
24 cm/9½"



Stille
20-06856-23 23 cm/9"
20-06856-26 26 cm/10¼"
20-06856-37 37 cm/14½"







mm	Partsch		Partsch	
02	21-06860-02	21-06862-02	21-06866-02	21-06868-04
03	21-06860-03	21-06862-03	21-06866-03	21-06868-06
04	21-06860-04	21-06862-04	21-06866-04	21-06868-08
05	21-06860-05	21-06862-05	21-06866-05	21-06868-10
06	21-06860-06	21-06862-06	21-06866-06	21-06868-12
07	21-06860-07	21-06862-07	21-06866-07	21-06868-14
08	21-06860-08	21-06862-08	21-06866-08	21-06868-16
	13.5 cm/5¼"	17 cm/6¾"	13.5 cm/5¼"	17cm/6¾"

Width

mm			
04	21-06870-04	21-06872-04	21-06874-04
06	21-06870-06	21-06872-06	21-06874-06
08	21-06870-08	21-06872-08	21-06874-08
10	21-06870-10	21-06872-10	21-06874-10
12	21-06870-12	21-06872-12	21-06874-12
14	21-06870-14	21-06872-14	21-06874-14
16	21-06870-16	21-06872-16	21-06874-16
		13.5 cm/5¼"	





mm		Mod. USA	
06	21-06878-06	21-06880-06	21-06882-06
12	21-06878-12	21-06880-12	21-06882-12
18	21-06878-18	21-06880-18	21-06882-18
		16 cm/6¼"	



16 cm/6¼"



21-06886-03
3mm

21-06886-05
5mm

21-06886-07
7mm

21-06886-09
9mm



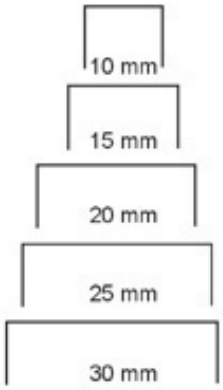
21-06890-02
2.5mm

21-06890-03
3.5mm

Passow
12 cm/4¾"



Lexer
27.5 cm/10¾"





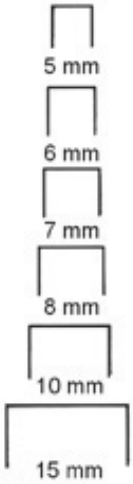
21-06893-10
21-06893-15
21-06893-20
21-06893-25
21-06893-30



21-06895-10
21-06895-15
21-06895-20
21-06895-25
21-06895-30



Cloward
24 cm/9½"





21-06898-05
21-06898-06
21-06898-07
21-06898-08
21-06898-10
21-06898-15

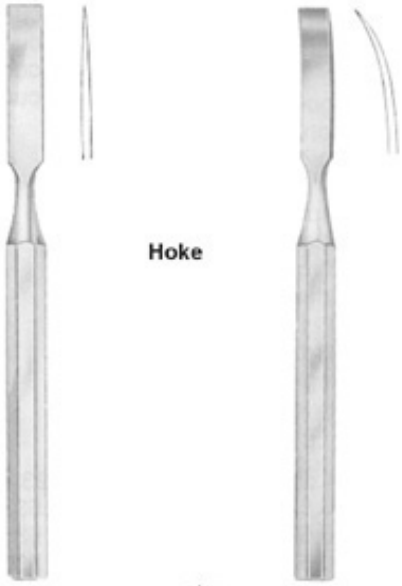


21-06900-05
21-06900-06
21-06900-07
21-06900-08
21-06900-10
21-06900-15



Alexander
18 cm/7"

	mm	
21-06904-04	04	21-06906-04
21-06904-06	06	21-06906-06
21-06904-08	08	21-06906-08
21-06904-10	10	21-06906-10
21-06904-12	12	21-06906-12
21-06904-14	14	21-06906-14



Hoke
14 cm/5½"

	mm	
21-06910-02	2	21-06911-02
21-06910-03	3	21-06911-03
21-06910-04	4	21-06911-04
21-06910-05	5	21-06911-05
21-06910-06	6	21-06911-06
21-06910-07	7	21-06911-07
21-06910-08	8	21-06911-08



Smith-Petersen
20 cm/8"



mm				
06	21-06914-06	21-06915-06	21-06918-06	21-06919-06
09	21-06914-09	21-06915-09	21-06918-09	21-06919-09
13	21-06914-13	21-06915-13		
14			21-06918-14	21-06919-14
16	21-06914-16	21-06915-16	21-06918-16	21-06919-16
19	21-06914-19	21-06915-19	21-06918-19	21-06919-19
25	21-06914-25	21-06915-25	21-06918-25	21-06919-25
32	21-06914-32	21-06915-32	21-06918-32	21-06919-32





Curved

Lambotte

	mm	
21-06922-04	04	21-06923-04
21-06922-06	06	21-06923-06
21-06922-08	08	21-06923-08
21-06922-10	10	21-06923-10
21-06922-13	13	21-06923-13
21-06922-16	16	21-06923-16
21-06922-18	18	21-06923-18
21-06922-20	20	21-06923-20
21-06922-25	25	21-06923-25
21-06922-30	30	21-06923-30
21-06922-38	38	21-06923-38
21-06922-44	44	21-06923-44
21-06922-50	50	21-06923-50
24 cm/9½"		23 cm/9"



Mini-Lambotte

	mm	
21-06926-02	02	21-06927-02
21-06926-03	03	21-06927-03
21-06926-04	04	21-06927-04
21-06926-06	06	21-06927-06
21-06926-08	08	21-06927-08
21-06926-10	10	21-06927-10
21-06926-12	12	21-06927-12
21-06926-15	15	21-06927-15
12.5 cm/5"		17 cm/6¾"





Mini-Lexer

	mm	
21-06930-04	04	21-06932-04
21-06930-06	06	21-06932-06
21-06930-08	08	21-06932-08
21-06930-10	10	21-06932-10
21-06930-12	12	21-06932-12
18 cm/7"		





Lexer

	mm	
21-06936-05	05	21-06938-05
21-06936-07	07	21-06938-07
21-06936-10	10	21-06938-10
21-06936-15	15	21-06938-15
21-06936-20	20	21-06938-20
21-06936-25	25	21-06938-25
21-06936-30	30	21-06938-30
22 cm/8¾"		



Chisel
21-06942-20
24.5 cm/9¾"
20 mm



Chisel-Curved
21-06943-20
26.5 cm/10½"
20 mm

Gouge for the removing of broken screws



21-06944-22
22 cm/8¾"



Zielke
23 cm/9"
5.5 mm 21-06948-05
9.0 mm 21-06948-09

Stille
20 cm/8"



Width mm					
06	21-06950-06	21-06952-06	21-06953-06	21-06956-06	21-06957-06
08	21-06950-08	21-06952-08	21-06953-08	21-06956-08	21-06957-08
10	21-06950-10	21-06952-10	21-06953-10	21-06956-10	21-06957-10
12	21-06950-12	21-06952-12	21-06953-12	21-06956-12	21-06957-12
15	21-06950-15	21-06952-15	21-06953-15	21-06956-15	21-06957-15
20	21-06950-20	21-06952-20	21-06953-20	21-06956-20	21-06957-20
25	21-06950-25	21-06952-25	21-06953-25	21-06956-25	21-06957-25
30	21-06950-30	21-06952-30	21-06953-30	21-06956-30	21-06957-30

Hibbs
24 cm/9½"



mm					
06	21-06960-06	21-06961-06	21-06964-06	21-06966-06	21-06967-06
09	21-06960-09	21-06961-09	21-06964-09	21-06966-09	21-06967-09
13	21-06960-13	21-06961-13	21-06964-13	21-06966-13	21-06967-13
16	21-06960-16	21-06961-16	21-06964-16	21-06966-16	21-06967-16
19	21-06960-19	21-06961-19	21-06964-19	21-06966-19	21-06967-19
25	21-06960-25	21-06961-25	21-06964-25	21-06966-25	21-06967-25
32	21-06960-32	21-06961-32	21-06964-32	21-06966-32	21-06967-32







mm	Lexer	Lexer	Lexer
05	21-06970-05	21-06972-05	21-06973-05
10	21-06970-10	21-06972-10	21-06973-10
15	21-06970-15	21-06972-15	21-06973-15
	28 cm/11"	25 cm/10"	25 cm/10"



21-06976-01



21-06977-02



21-06977-03

Cobb
28 cm/11"



21-06977-04



Volkmann
17 cm/6¾"

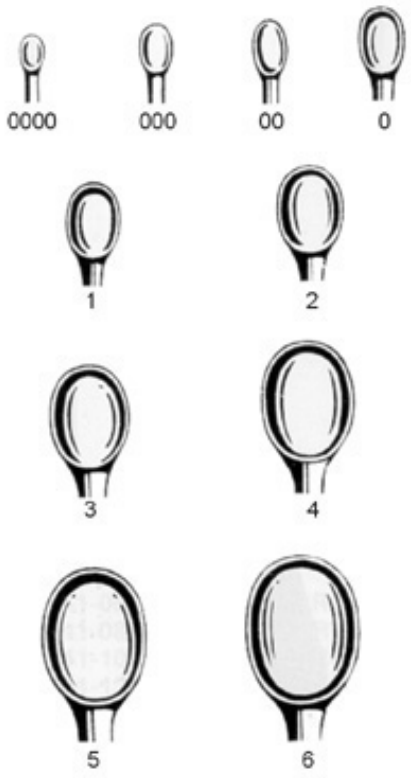


Fig.	
0000	21-06980-40
000	21-06980-30
00	21-06980-20
0	21-06980-10
1	21-06980-01
2	21-06980-02
3	21-06980-03
4	21-06980-04
5	21-06980-05
6	21-06980-06



Volkmann
17 cm/6¾"



Fig.	
0000	21-06984-40
000	21-06984-30
00	21-06984-20
0	21-06984-10
1	21-06984-01
2	21-06984-02
3	21-06984-03
4	21-06984-04
5	21-06984-05
6	21-06984-06

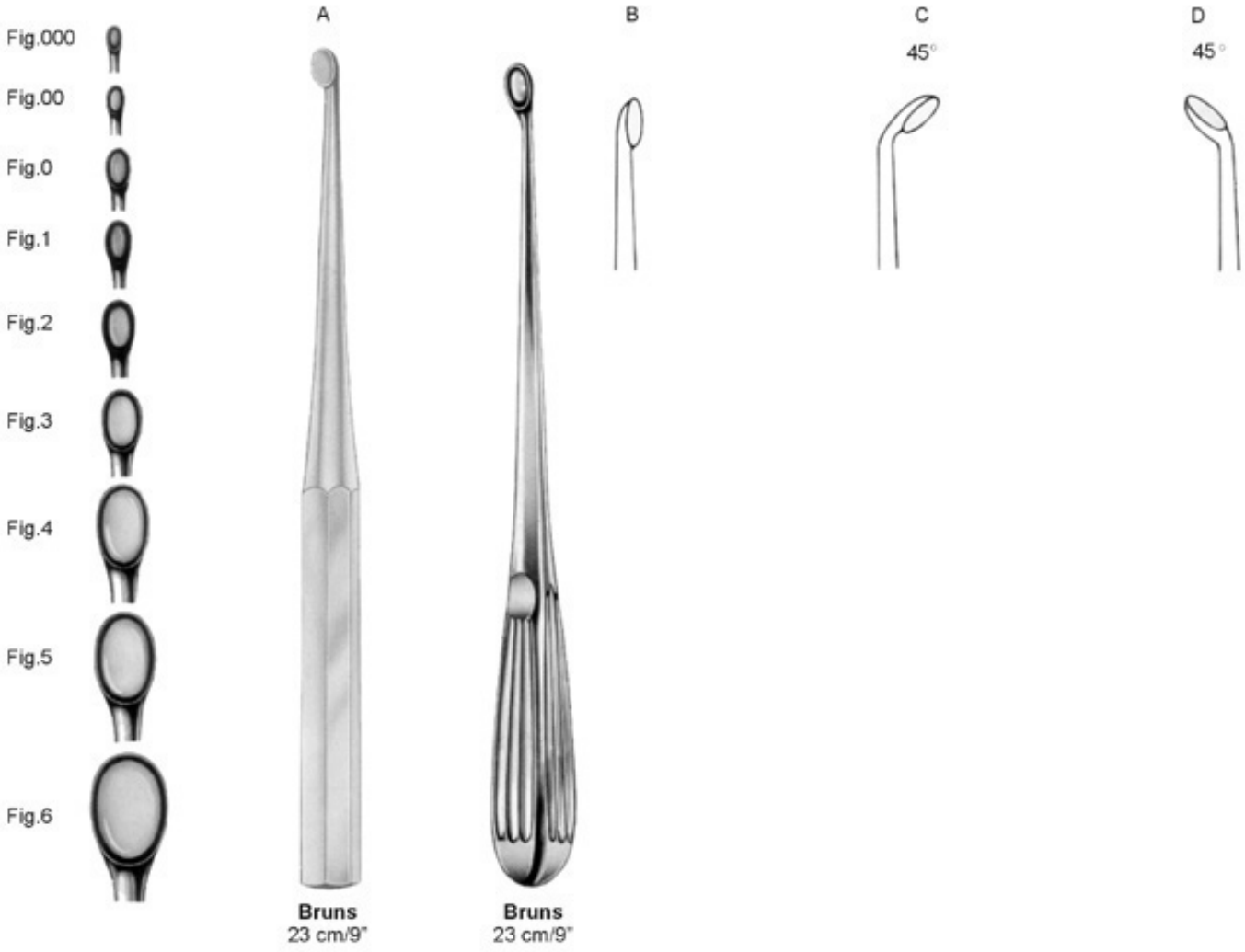
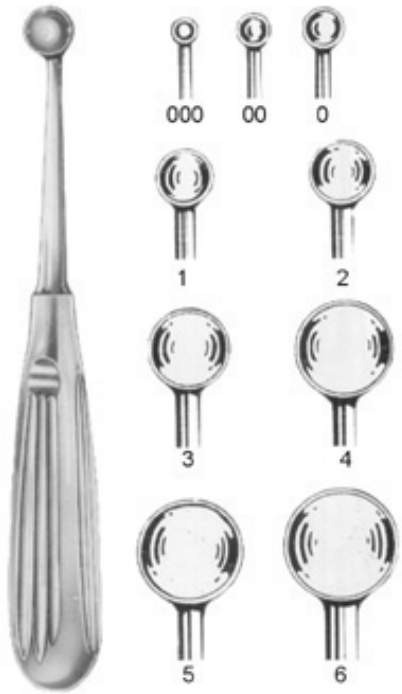
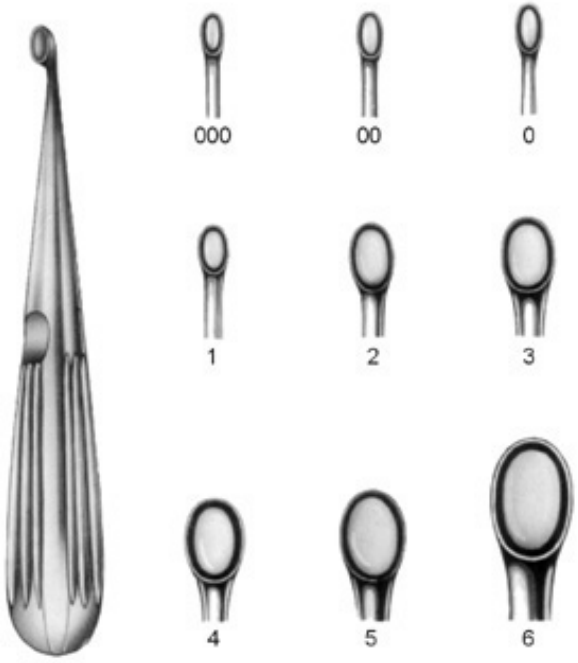


Fig.	A	B	C	D
000	21-06988-30	21-06990-30	21-06991-30	21-06993-30
00	21-06988-20	21-06990-20	21-06991-20	21-06993-20
0	21-06988-10	21-06990-10	21-06991-10	21-06993-10
1	21-06988-01	21-06990-01	21-06991-01	21-06993-01
2	21-06988-02	21-06990-02	21-06991-02	21-06993-02
3	21-06988-03	21-06990-03	21-06991-03	21-06993-03
4	21-06988-04	21-06990-04	21-06991-04	21-06993-04
5	21-06988-05	21-06990-05	21-06991-05	21-06993-05
6	21-06988-06	21-06990-06	21-06991-06	21-06993-06



Bruns
17 cm/6¾"

Bruns	Fig.	Spratt
21-06996-30	000	21-06998-30
21-06996-20	00	21-06998-20
21-06996-10	0	21-06998-10
21-06996-01	1	21-06998-01
21-06996-02	2	21-06998-02
21-06996-03	3	21-06998-03
21-06996-04	4	21-06998-04
21-06996-05	5	21-06998-05
21-06996-06	6	21-06998-06



Spratt
16 cm/6¼"



Swedish pattern

mm	Round	Oval
2	21-07002-02	21-07004-02
3	21-07002-03	21-07004-03
4	21-07002-04	21-07004-04
5	21-07002-05	21-07004-05
6	21-07002-06	21-07004-06
7	21-07002-07	21-07004-07
8	21-07002-08	21-07004-08
10	21-07002-10	21-07004-10
12	21-07002-12	21-07004-12
14	21-07002-14	21-07004-14
	17cm/6¾"	22cm/8½"



Schede
17 cm/6¾"

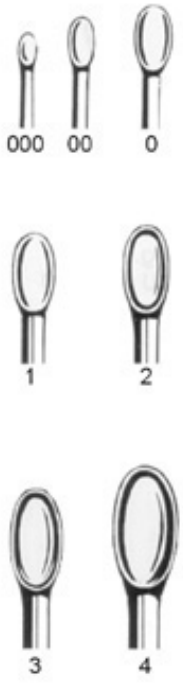
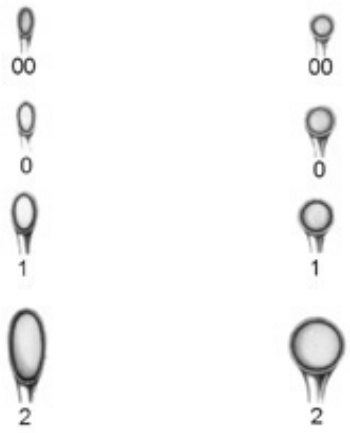


Fig.	
000	21-07008-30
00	21-07008-20
0	21-07008-10
1	21-07008-01
2	21-07008-02
3	21-07008-03
4	21-07008-04



Williger
17.5 cm/7"



Straight, Oval	Fig.	Straight
21-07012-20	00	21-07014-20
21-07012-10	0	21-07014-10
21-07012-01	1	21-07014-01
21-07012-02	2	21-07014-02



21-07017-01

Uffenorde
17 cm/6¾"



21-07017-02


Fig. 0
21-07018-10


Fig. 1
21-07018-01


Fig. 2
21-07018-02


Fig. 3
21-07018-03


Volkmann
27 cm/10½"


Fig. 1
21-07020-01


Fig. 2
21-07020-02


Fig. 3
21-07020-03


Simon
24 cm/9½"


Fig. 4
21-07020-04


Fig. 5
21-07020-05


Fig. 6
21-07020-06


Fig. 0000
21-07022-40


Fig. 000
21-07022-30


Fig. 00
21-07022-20


Fig. 0
21-07022-10


Simon
24 cm/9½"


Fig.00
21-07024-20


Fig.0
21-07024-10


Fig. 1
21-07024-01


Fig. 2
21-07024-02


Daubenspeck
20 cm/8"

Flexible



Fig. 1
21-07028-01



Fig. 2
21-07028-02



Fig. 3
21-07028-03



Halle
21 cm/8¼"



Fig. 000
21-07030-30
3.6 mm



Fig. 00
21-07030-20
4.4 mm



Fig. 0
21-07030-10
5.2 mm



Fig. 1
21-07030-01
6.0 mm



25 cm/10"



Fig. 000
21-07031-30
3.6 mm



Fig. 00
21-07031-20
4.4 mm



Fig. 0
21-07031-10
5.2 mm



Fig. 1
21-07031-01
6.0 mm



25 cm/10"



21-07034-03
3 mm



21-07034-04
4 mm



21-07034-05
5 mm



Bushe
25 cm/10"



Length		Volkmann Oval/Oval	Volkmann Oval/Round
cm	in		
13	5"	21-07038-13	21-07040-13
14	5½"	21-07038-14	
16	6¼"		21-07040-16
17	6¾"	21-07038-17	
20	8"	21-07038-20	21-07040-20





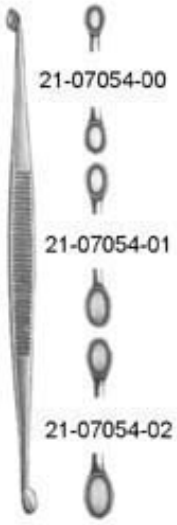
Martini
13.5 cm/5"



Jansen
21-07046-15
15 cm/6"



Jansen
21-07050-16
16 cm/6¼"



Williger
13.5 cm/5"



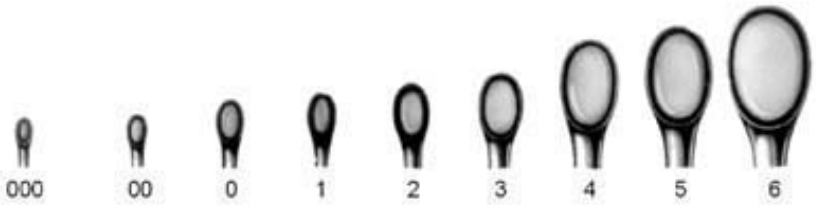
Jacobson
21-07058-13
13 cm/5"



Janson
21-07062-15
15 cm/6"



Barth
21-07064-18
18 cm/7"





21-07066-21
21 cm/8¼"



Epstein



Spinal



Spinal

Fig.			
000	21-07069-30	21-07072-30	21-07074-30
00	21-07069-20	21-07072-20	21-07074-20
0	21-07069-10	21-07072-10	21-07074-10
1	21-07069-01	21-07072-01	21-07074-01
2	21-07069-02	21-07072-02	21-07074-02
3	21-07069-03	21-07072-03	21-07074-03
4	21-07069-04	21-07072-04	21-07074-04
5	21-07069-05	21-07072-05	21-07074-05
6	21-07069-06	21-07072-06	21-07074-06
	20 cm/8"	20 cm/8"	20 cm/8"



Putti
21-07078-30
30 cm/12"



Putti
21-07080-27
27 cm/10½"



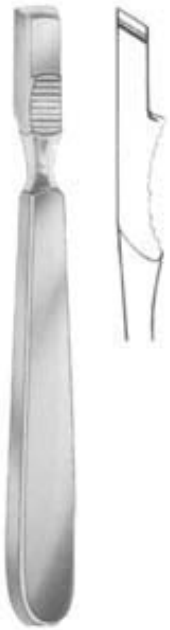
21-07084-25
25 cm/10"



21-07088-24
24 cm/9½"



21-07092-22
22 cm/8¾"



Farabeuf
21-07096-15
15 cm/6"



Farabeuf
21-07098-15
15 cm/6"



Farabeuf-Collin
21-07100-15
15.5 cm/6"
11 mm



Farabeuf-Collin
21-07102-15
15.5 cm/6"
11 mm



Farabeuf
21-07104-19
19 cm/7½"
13 mm



Sedillot
21-07108-18
18 cm/7"
18 mm



Sedillot
21-07110-21
21 cm/8¼"
15 mm



Langenbeck
21-07114-19
19 cm/7½"



Langenbeck
21-07116-18
18 cm/7"



Width

	mm
21-07120-05	05
21-07120-10	10
21-07120-15	15
21-07120-20	20
21-07120-25	25

Lambotte
21 cm/8¼"



Schneider
21-07124-17
17.5 cm/7"
13 mm



Schneider-Sauerbruch
21-07126-19
19 cm/7½"
13 mm



Alexander
21-07130-20
20 cm/8"



Jansen
21-07134-16
16.5 cm/6½"
15 mm



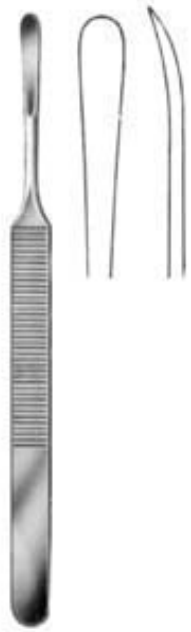
Seldin
21-07138-19
19 cm/7½"



Davidson-Alexander
21-07142-29
29 cm/11½"



Williger
21-07146-13
13 cm/5"



Konig
21-07150-15
15.5 cm/6"
5 mm



Williger
21-07154-16
16 cm/6¼"



Adson
17 cm/6¾"



21-07158-01



21-07158-02



21-07158-03



21-07158-04



21-07162-06 17 cm/6¾" 21-07162-08
6 mm 8 mm



Overholt
21-07166-29
29.5 cm/11½"



Overholt
21-07168-29
29.5 cm/11½"



Overholt
21-07170-28
28.5 cm/11¼"





Hylin
14.5 cm/5¾"



Matson
21-07178-22
22 cm/8¾"



Semb



21-07182-01
19.5 cm/7½"
12 mm



21-07182-02
19.5 cm/7½"
12 mm



21-07182-03
19.5 cm/7½"
12 mm



21-07182-04
22 cm/8¾"
13 mm



21-07182-05
21.5 cm/8½"
13 mm



21-07182-06
22 cm/8½"
15 mm



21-07182-07
22 cm/8½"
15 mm



Doyen
17 cm/6¾"



21-07186-01



21-07186-02



21-07188-01



21-07188-02





21-07190-01



Doyen
24 cm/9½"

21-07190-02



21-07194-04
4 mm



21-07194-06
6 mm



21-07194-08
8 mm



Cobb
24 cm/9½"



21-07194-10
10 mm



21-07194-13
13 mm



21-07194-19
19 mm



21-07194-25
25 mm



21-07198-01
19 cm/7½"
6 mm



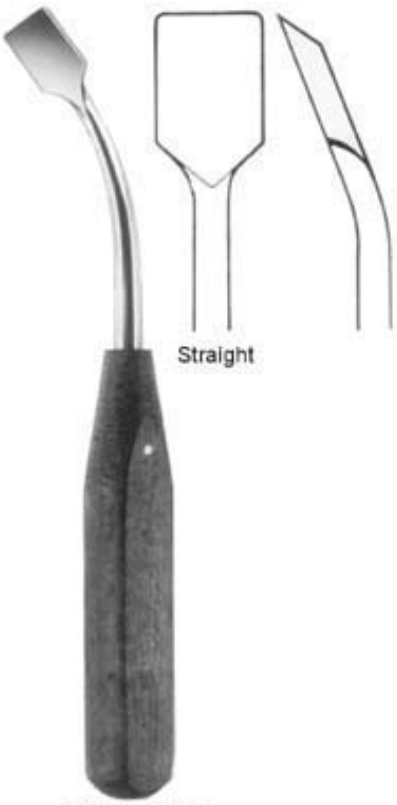
21-07199-02
18.5 cm/7¼"
3 mm



21-07201-03
18.5 cm/7¼"
6 mm



21-07203-04
18.5 cm/7¼"
6 mm



21-07206-05
18.5 cm/7¼"
13 mm



21-07207-06
19.5 cm/7¾"
14 mm



21-07209-07
18.5 cm/7¼"
14 mm



21-07211-08
20 cm/8"
20 mm



21-07214-20
27.5 cm/10¾"
20 mm



Wagner

8 mm	21-07218-08	33 cm/13"
17 mm	21-07218-17	33 cm/13"



Cobb

10 mm	21-07222-10	25 cm/10"
13 mm	21-07222-13	25 cm/10"
19 mm	21-07222-19	25 cm/10"
25 mm	21-07222-25	25 cm/10"



Cobb

10 mm	21-07224-10	28 cm/11"
13 mm	21-07224-13	28 cm/11"
19 mm	21-07224-19	28 cm/11"



Hoen

21-07228-07
16 cm/6¼"
7 mm

21-07228-15
18.5 cm/7¼"
15 mm

21-07228-20
19 cm/7½"
20 mm



Yankauer
21-07232-18
18 cm/7"



Langenbeck
21-07236-20
20 cm/8"
8 mm



Langenbeck
21-07238-20
20 cm/8"
10 mm



Langenbeck
21-07240-23
23 cm/9"
11 mm



Mass. Gen. Hosp.
21-07244-15
15 cm/6"



Williger
21-07248-17
17 cm/6¾"
5.5 mm



Williger
21-07250-16
16 cm/6¼"



Quervain
21-07254-20
20 cm/8"



21-07258-16
16 cm/6¼"



Width	Key	
6 mm	21-07262-06	19 cm/7½"
12 mm	21-07262-12	19 cm/7½"
19 mm	21-07262-19	19 cm/7½"
25 mm	21-07262-25	19 cm/7½"



Konig
21-07266-15
15 cm/6"
4.5 mm



Konig
21-07268-15
15 cm/6"
4.5 mm



Alderdyce
21-07272-21
21 cm/8¼"



McDonald
21-07276-19
19 cm/7½"



Watson-Cheyne
21-07280-19
17.5 cm/7"



Sebileau
21-07284-17
17 cm/6¾"



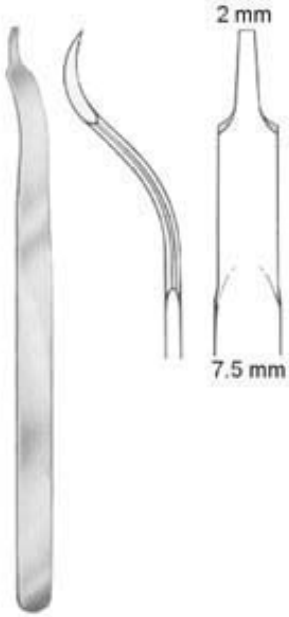
21-07288-14
14 cm/5½"
2.8 mm



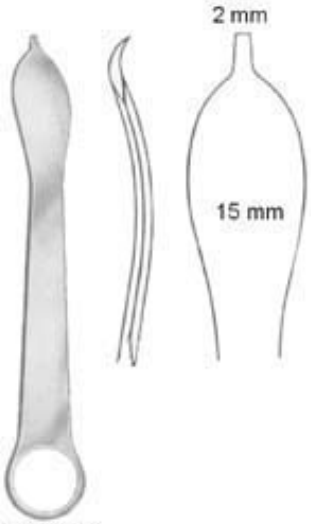
21-07288-15
15 cm/6"
5 mm



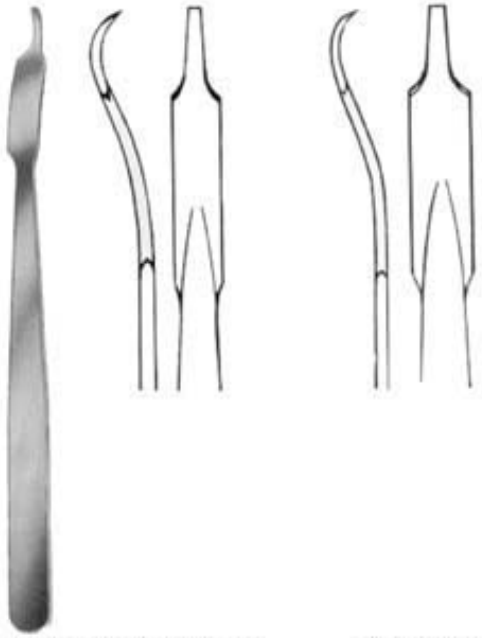
21-07290-15
15 cm/6"
7 mm



Buck-Gramcko
21-07292-15
15 cm/6"

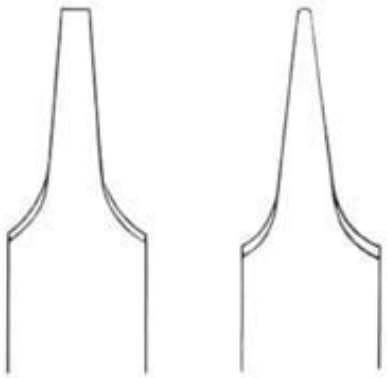


21-07296-12
12.5 cm/5"



Mini-Hohmann 21-07300-06
16 cm/6¼" 6 mm

21-07302-08
8 mm



21-07306-17
17 mm

21-07308-17
17 mm



21-07304-26
26.5 cm/10½"
24 mm

Lange-Hohmann
21-07305-26
26 cm/10¼"
22 mm

Hohmann
21-07308-22
22 cm/8¾"
8 mm

Hohmann
21-07308-24
24 cm/9½"
14mm



Hohmann
21-07308-26
26 cm/10¼"
22 mm



Hohmann
21-07308-28
28 cm/11"
33 mm



Hohmann
21-07310-24
24 cm/9½"
43 mm



Hohmann
21-07312-24
24.5 cm/9¾"
43 mm



Hohmann
21-07314-24
24 cm/9½"
70 mm



Hohmann
21-07316-22
22 cm/8¾"
18 mm

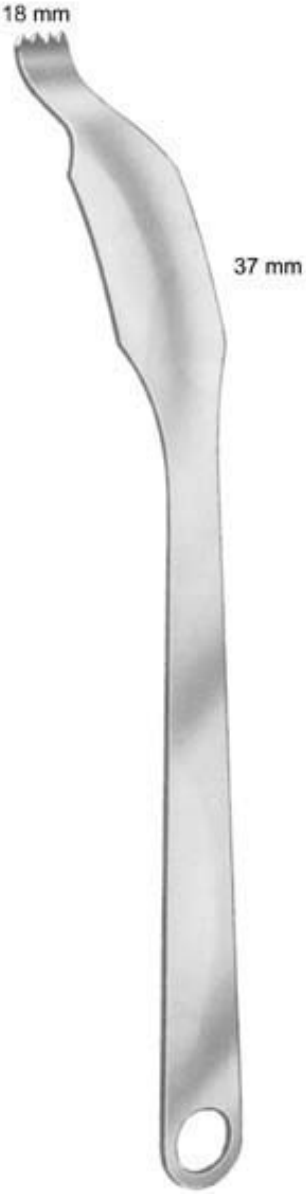


Lange-Hohmann modif

30 mm	21-07316-26	26.5 cm/10½"
33 mm	21-07316-29	29.0 cm/11½"



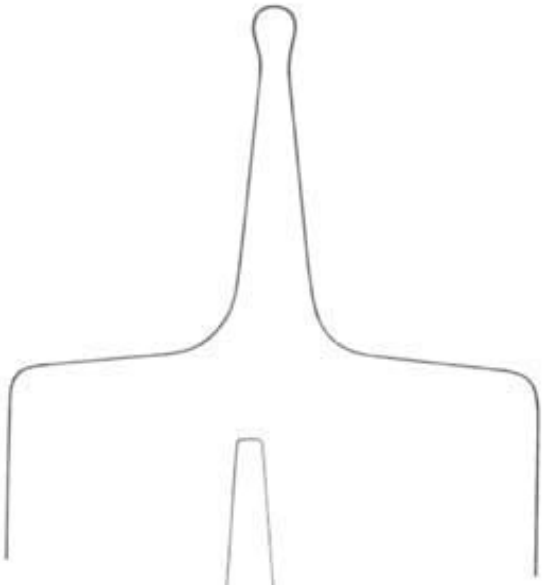
Hohmann-Aldinger
21-07318-27
27 cm/10½"



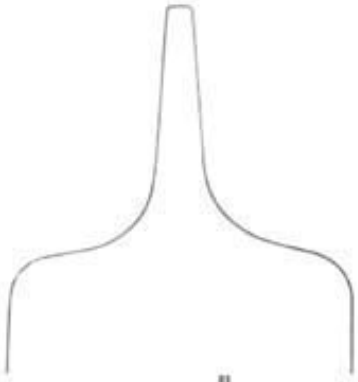
Schumacher
(Wagner)
21-07318-34
34.5 cm/13½"



Schumacher
21-07320-29
29 cm/11½"



21-07322-25
25.5 cm/10"
65 mm



21-07322-24
24 cm/9 "
42 mm



Verbrugge-Muller



Lane Trethowan
21-07324-21
21.5 cm/8½"



Lane
21-07328-25
25.5 cm/10"



Bristow
21-07332-23
23 cm/9"



Murphy-Lane
21-07336-32
32 cm/12½"



Chandler

Length	Width	
18 cm	13 mm	21-07340-13
20 cm	19 mm	21-07340-19
23 cm	25 mm	21-07340-23
25 cm	30 mm	21-07340-30



Blount
21-07344-26
26 cm/10¼"



Blount
21-07346-26
26 cm/10¼"



Bennett 21-07350-44 44 mm
24 cm/9½" 21-07350-64 64 mm



21-07354-01
32x19 mm

21-07354-02
48x19 mm

21-07354-03
57x19 mm

Smillie
14 cm/5½"



21-07356-04
52x13 mm



21-07358-05
12x13 mm

Spinal retractors



21-07362-01
75x30 mm

21-07362-02
100x30 mm

Taylor
17 cm/6½"



21-07366-21
21.5 cm/8½"

Meniscus retractors



Blount
21-07370-17
17.5 cm/7"



Smillie
21-07374-17
17 cm/6¾"



Smillie
21-07376-17
17 cm/6¾"



Smillie
21-07378-17
17 cm/6¾"



Salenius
21-07382-22
22 cm/8¾"



Salenius
21-07384-22
22 cm/8¾"



21-07388-17
17.5 cm/7"



Neff
21-07392-21
21.5 cm/8½"



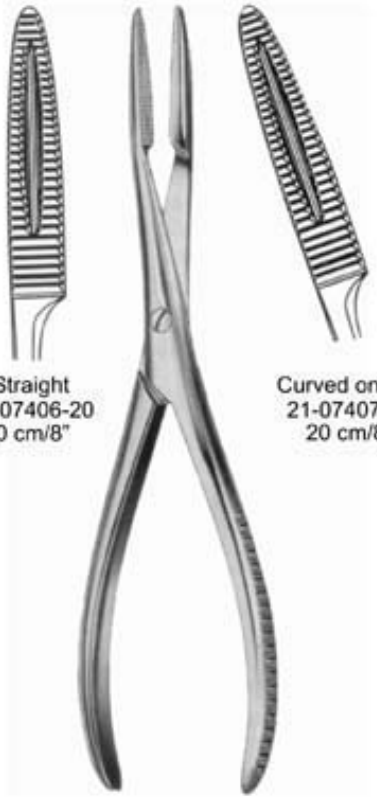
Canad-Modell
21-07396-01 20 cm/8"



21-07396-02



Bircher
21-07402-20
20.5 cm/8"



Straight
21-07406-20
20 cm/8"

Curved on Falt
21-07407-20
20 cm/8"



Van Buren
21-07410-23
23 cm/9"



Dingmann
21-07414-19
19cm/7½"



Dingmann Modif
21-07416-19
19 cm/7½"



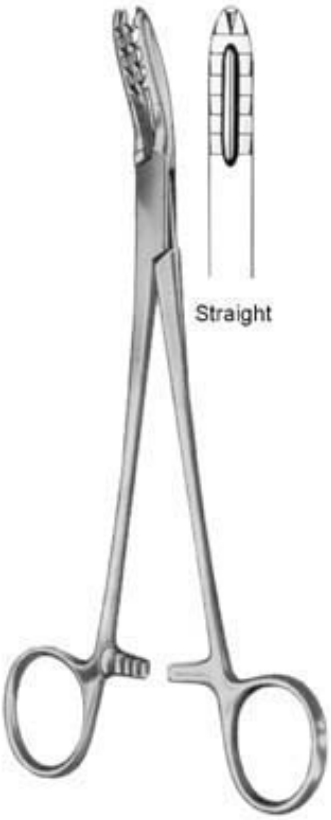
Neff
21-07420-21
21 cm/8¼"



Martin
21-07424-19
19 cm/7½"



Preston
21-07428-18
18 cm/7¼"



Bircher-Ganske
21-07432-20
20 cm/8"



Bircher-Ganske
21-07434-20
20 cm/8"



Lewin
21-07438-17
17.5 cm/7"



Langenbeck
21-07442-21
21 cm/8¼"



Fergusson
21-07446-21
21 cm/8¼"



21-07450-16
16 cm/6¼"
21-07450-24
24 cm/9½"



Without Ratchet	Kern		With Ratchet
	cm	in	
21-07454-17	17	6¾"	21-07456-17
21-07454-21	21	8¼"	21-07456-21



21-07460-18	18 cm/07"	21-07461-18
21-07460-23	23 cm/09"	21-07461-23
21-07460-25	25 cm/10"	21-07461-25
21-07460-28	28 cm/11"	21-07461-28



Hey Groves

21-07464-21	21.0 cm/8¼"
21-07464-27	27.0 cm/10½"
21-07464-30	30.5 cm/12"



Semb
21-07468-19
19 cm/7½"



Semb
21-07470-19
19 cm/7½"

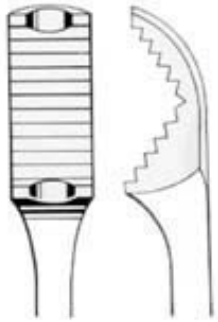


Verbrugge
21-07474-17
17.5 cm/7"

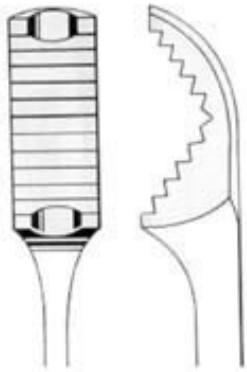




21-07478-25
25 cm/10"



21-07478-26
26 cm/10¼"



21-07478-27
27 cm/10½"

Vebrugge



21-07482-15 15 cm/6"
21-07482-19 19 cm/7½"
21-07482-24 24 cm/9½"
21-07482-26 26 cm/10¼"
21-07482-28 28 cm/11"



Handles Detachable

Percy
21-07486-30

Adjustable



Lambotte
21-07490-22 22 cm/8¾"
21-07490-27 27 cm/10½"
21-07490-30 30 cm/12"



Farabeuf
21-07494-23 23 cm/9"
21-07494-26 26 cm/10¼"



Lambotte
21-07498-22 22.5 cm/9"
21-07498-25 25.5 cm/10½"
21-07498-33 33 cm/13½"



Farabeuf-Lambotte
21-07502-26
26 cm/10¼"



Lambotte
21-07506-19 19 cm/7½"
21-07506-23 23 cm/9"
21-07506-26 26 cm/10¼"



Without Ratchet	**Lane** cm	in	With Ratchet
21-07510-33	33	13"	21-07514-33
21-07510-45	45	17¾"	21-07514-45



21-07518-14
14.5 cm/5¾"



21-07522-12
12 cm/4¾"



21-07526-13
13.5 cm/5¼"



21-07530-20
20 cm/8"



21-07534-17
17 cm/6¾"



Patella Forceps

21-07538-17
17.5 cm/7"



Lowman-Hoglund
21-07542-19
19 cm/7½"



Lowman
21-07546-18 18 cm/7"
21-07546-20 20 cm/8"
21-07546-22 22 cm/8¾"



Lowman
21-07550-12
12 cm/4¾"

Traction Bar



21-07554-18
21-07554-50



Stellbrink
17.5 cm/7"



Bane-Hartmann
21-07563-17
17.5 cm/7"



Mini-Friedmann
21-07567-12
12.5 cm/5"



Friedmann
21-07571-14
14 cm/5½"



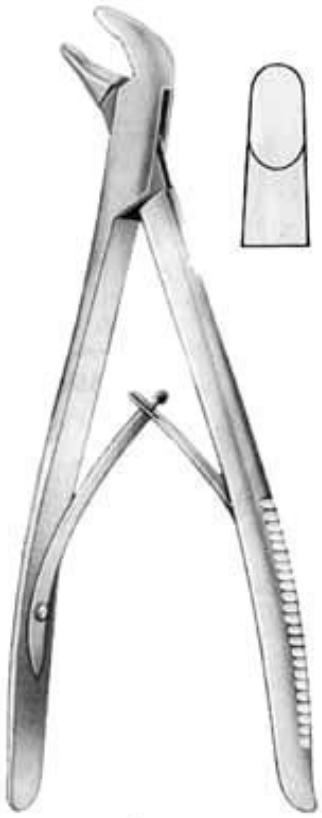
Friedmann-Delicate
15 cm/6"



21-07575-15



21-07577-15



Bacon
21-07580-20
20 cm/8"



Cleveland
21-07583-14 14 cm/5½"
21-07583-17 17 cm/6¾"



Hartmann
21-07587-18
18.5 cm/7¼"



Olivecrona
21-07591-20
20 cm/8"





21-07595-16



21-07597-16

Mead
16.5 cm/6½"



Lempert

Straight	cm	in	Curved
21-07601-16	16	6¼"	21-07603-16
21-07601-19	19	7½"	21-07603-19



Beyer
21-07607-18
18 cm/7"





21-07610-17



21-07611-17

Jansen
17.5 cm/7"





21-07615-15



21-07617-15



21-07619-15

Blumenthal
15.5 cm/6"



Hakansson
21-07621-15
15.5 cm/6"



Jansen
21-07623-18
18 cm/7"



Straight
21-07626-17

Curved
21-07627-17

Luer
17 cm/6¾"



Heavy Pattern

Straight
21-07630-18

Curved
21-07631-18

Luer
18.5 cm/7¼"





21-07635-15



21-07637-15



21-07639-15

Luer
15 cm/6"





21-07642-20

Adson
20 cm/8"



Kleinert-Kutz
15 cm/6"



21-07645-15
2 mm



21-07647-15
3 mm



Bohler
15 cm/6"



21-07650-15



21-07651-15



Beyer
Zaufal-Jansen
18 cm/7"



Zaufal-Jansen
21-07653-18



Beyer
21-07655-18



Mayfield
21-07659-17
17 cm/6¾"



Ruskin
21-07663-18
18 cm/7"
Angled



Ruskin

Straight
21-07666-18
18 cm/7"
21-07666-23
23 cm/9"

Curved
21-07667-18
18 cm/7"
21-07667-23
23 cm/9"



Marquardt
21-07671-20
20 cm/8"



Rottgen-Ruskin
21-07675-24
24 cm/9½"



21-7679-03
3 mm



21-7679-04
4 mm



21-7679-05
5 mm



21-7681-03
3 mm



21-7681-04
4 mm



21-7681-05
5 mm



Smith-Petersen
24 cm/9½"



Stille-Luer
22 cm/8¾"



Straight
21-07684-22



Curved
21-07685-22



Stille-Luer
27 cm/10½"



21-07688-27



21-07689-27



Semb
21-07693-23
23 cm/9"



Stille-Ruskin
21-07697-23
23 cm/9"



21-07701-02
2 mm

21-07701-03
3 mm

21-07701-04
4 mm

Echlin
23 cm/9"



21-07705-03
3 mm

21-07705-04
4 mm

21-07705-06
6 mm

21-07705-08
8 mm

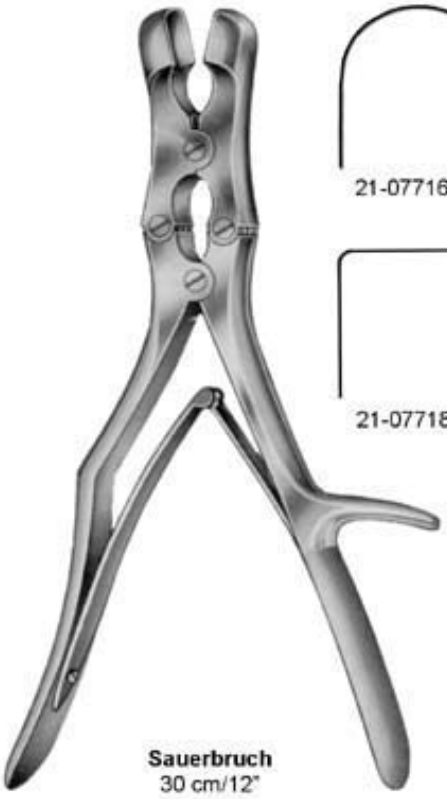
Leksell
23 cm/9"



Frykholm
21-07709-23
23 cm/9"



Stille
21-07713-23
23 cm/9"



21-07716-30

21-07718-30

Sauerbruch
30 cm/12"



Markwalder
21-07721-20
20 cm/8"





Liston

Straight	cm	in	Curved
21-07724-14	14	5½	21-07725-14
21-07724-17	17	6¾	21-07725-17
21-07724-19	19	7½	21-07725-19
21-07724-22	22	8¾	21-07725-22



Littauer-Liston
21-07728-15
15 cm/6"





Cleveland
21-07731-15 15 cm/6"
21-07731-17 17 cm/6¾"



Bohler
15 cm/6"



Straight
21-07734-15



Curved on flat
21-07735-15



McIndoe
21-07739-17
17.5 cm/7"



Kazanjian
21-07742-18
18 cm/7"



Ruskin-Liston
18.5 cm/7¼"

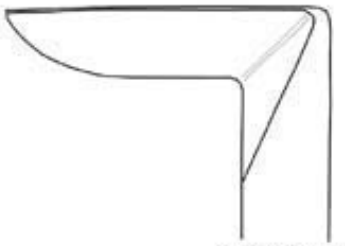


Straight
21-07746-18

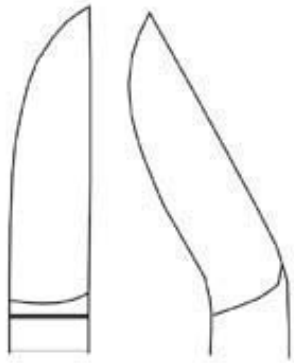


Curved on flat
21-07747-18





21-07749-27
27 cm/10½"



Stille-Liston

23 cm/9"	21-07750-23	21-07751-23
27 cm/10½"	21-07750-27	21-07751-27



Liston-Key(Horsley)
21-07753-27
27 cm/10½"



Semb
21-07755-24
24 cm/9½"



21-07758-13
13.5 cm/5"



18 cm/7"



21-07760-18



21-07761-18

Forceps for tearing out toe and finger nails



21-07762-13
13.5 cm/5¼"

Saw blade



21-07764-17
17 cm/6¾"



Saw blade

21-07766-17
17 cm/6¾"



Langenbeck
21-07768-23
23 cm/9"



Satterlee
21-07770-31
31 cm/12¼"



Charriere
21-07772-27 27 cm/10½"
21-07772-30 30 cm/12"

Spare saw blades
21-07774-12 12 mm
21-07774-15 15 mm

Complete with 2 blades
21-07774-35



Charriere

Spare saw blades
21-07776-43 3 mm
21-07776-45 5 mm
21-07776-47 7 mm

Complete with 3 blades
21-07776-39



Helferich-Bier



Handle, only
21-07778-10

Hudson
21-07778-00
Hand drill, with 4 burrs, fig. 1-4

Conical and spherical burrs, single

Flat trephine

Extension piece



Fig. 1
21-07778-01
9 mm O



Fig. 2
21-07778-02
14 mm O



Fig. 3
21-07778-03
16 mm O



Fig. 4
21-07778-04
22 mm O



Cushing
Fig. 5
21-07778-05
14 mm O



Fig. 6
21-07778-06

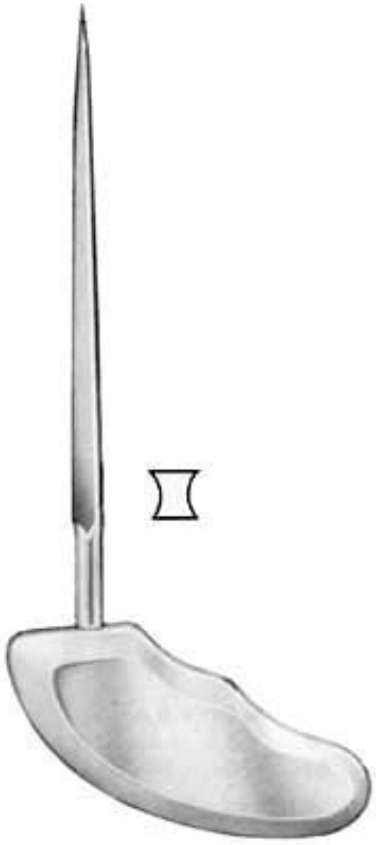
Drill guide and dura protecting forceps



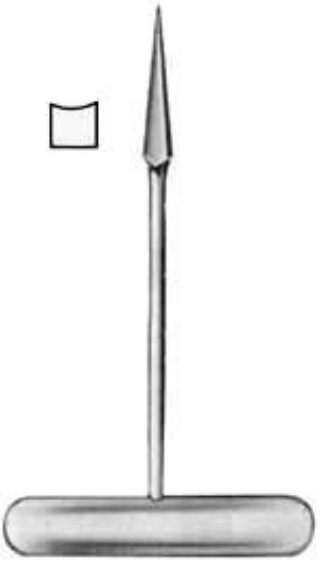
Adson
21-07780-15
15 cm/6"



21-07784-14
14 cm/5½"



Perthes
21-07786-21
21 cm/8¼"



21-07788-14
14 cm/5½"



21-07792-14
14 cm/5½"



21-07794-16
16 cm/6¼"



18cm/7"

TC



21-07798-01



21-07798-02



21-07798-03



21-07798-04



21-07798-05

TC



21-07802-18 18 cm/7"
21-07802-20 20 cm/8"

TC

21-07806-16
15 cm/6"

21-07806-20
20 cm/8"

21-07810-16
15 cm/6"





21-07814-13 13 cm/5"
21-07814-18 18 cm/7"



21-07818-17
17 cm/6¾"



21-07822-15
15.5 cm/6"



21-07826-17 17 cm/6¾" 21-07828-17



21-07830-19
19 cm/7 ½"







For soft wire with a diam. of max.	21-07834-15 15 cm/6" 2.0 mm	21-07836-18 18.5 cm/7¼" 1.7 mm	21-07837-16 16 cm/6¼" 2.0 mm
For hard wire with a diam. of max.	1.5 mm	1.7 mm	2.0 mm

TC



21-07840-12
0.7 mm
0.5 mm
12 cm/4¾"



21-07844-15
2.0 mm
1.0 mm
15 cm/6"



21-07848-18
2.0 mm
1.7 mm
18 cm/7"



21-07852-18
2.5 mm
1.5 mm
18.5 cm/7¼"



21-07856-18
2.0 mm
1.7 mm
18 cm/7"

21-07860-22
3.0 mm
2.5 mm
22 cm/8¾"



21-07864-22
3.0 mm
22 cm/8¾"



With 1 Pin

Bohler

cm h x b	in h x b		For Arm
16 x 9	6¼x 3½	21-07868-16	
		For Thigh and Knee	
21 x 11	8¼x 4½	21-07868-21	



With 3 Traction Hooks

Kirschner

Clear Width	cm	in
21-07872-01	9.5x7	3¾x2¾
21-07872-02	10.5x10.5	4¼x4¼
21-07872-03	12x12	4¾x4¾
21-07872-04	15.5x15.5	6x6
21-07872-05	20x15.5	8x6



Clear Width

	cm	in
21-07876-18	18x10	07x04
21-07876-27	27x16	10½x06¼



With 3 Traction Hooks

Kirschner

21-07880-01 Small Pattern
21-07880-02 Medium Pattern
21-07880-03 Large Pattern

Screw Nut Wrench



21-07884-10
10 cm/4"

Screw Driver



21-07884-12
12 cm/4¾"

Wire Strainer



21-07884-20
20 cm/8"

Fixation Discs For Drill Wires



21-07884-30
Pair



21-07884-40



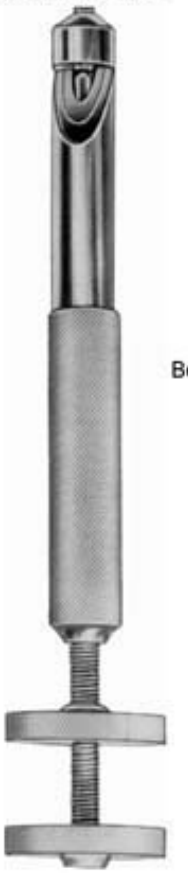
21-07884-42

Fixation Discs



21-07884-51
Pair

Bone Wire Guides



Bone Wire Tighteners

Loute
21-07888-00
21 cm/8¼"



Bone Wire Guides

Fig. 1 21-07892-01
Fig. 2 21-07892-02
Fig. 3 21-07892-03

Demel

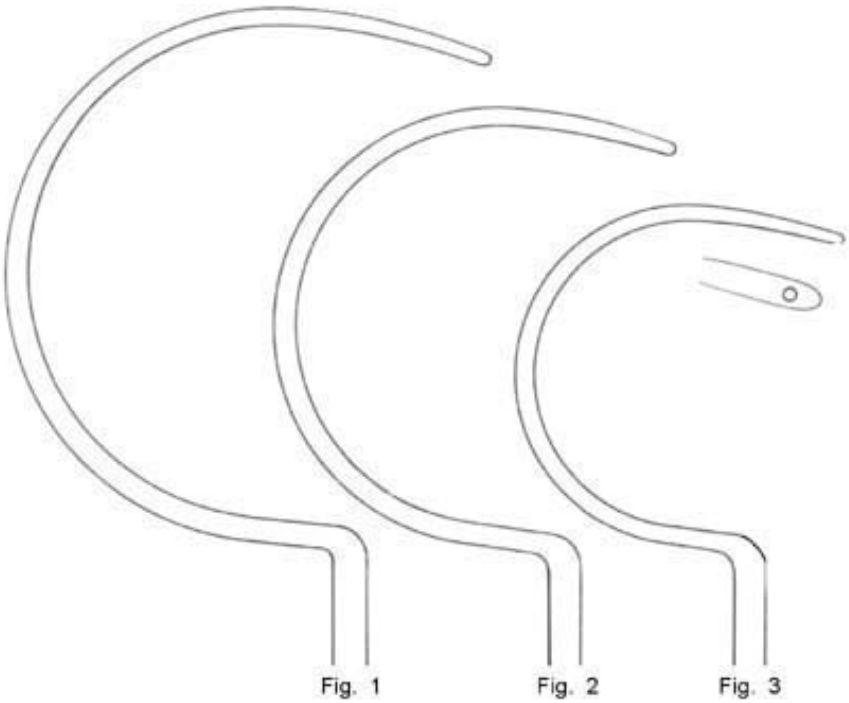
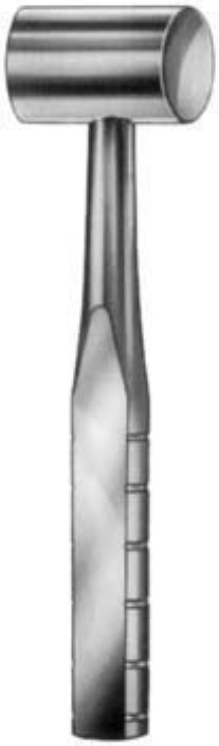


Fig. 1 Fig. 2 Fig. 3



100 g 21-07896-10
350 g 21-07896-35
500 g 21-07896-50
700 g 21-07896-70

22 cm/8½"



Heath
21-07900-18
18 cm/7" Ø 40 mm



Ombredanne
21-07904-24
Ø 40 mm
24 cm/9½"
550 g



1 Side Flat
1 Side Convex

Cottle
21-07908-19
Ø 30 mm
19 cm/7½"
350 g



Williger
21-07912-23
23 cm/9"
150 g



Hajek
21-07916-21
Ø 27 mm
21 cm/8¼"
140 g



165 g
Ø 22 mm

21-07920-19
19 cm/7½"



Fig. 1 21-07924-19 19mm Ø
Fig. 2 21-07924-25 25mm Ø

Lucae
19 cm/7½"



21-07928-16
16.5 cm/6½"



320 g
Ø 26 mm

Solid With
Interchangeable
Ferrozell Jaws

Mead
21-07932-17
17 cm/6¾"



280 g

Solid Steel

Gardner
21-07936-14
14 cm/5½"



200 g
22 mm Ø
(7 oz.)

Partsch
21-07940-18
18 cm/7"



Gerzog
21-07944-19
19 cm/7½"



21-07948-34
34cm/13½"



7 mm Ø

Spare Screw

Tendon Passing Instruments



Malleable

Bunnell
21-07950-18 18cm/7"
21-07950-23 23cm/9"

Tendon Strippers



mm Ø
4.0 21-07952-40
4.5 21-07952-45
5.5 21-07952-55

Flexible Shaft

Bunnell
23cm/9"





Fischer
21-07956-31
31 cm/12¼"





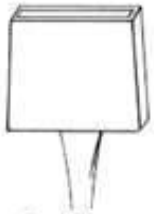
21-07960-50
50 cm/19½"
06 mm Ø



21-07962-30
30 cm/12"
03 mm Ø

Brand





6 x 14 mm

Brand
21-07964-50
50 cm/19½"



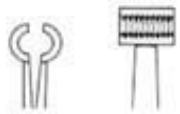
Steinmann
21-07968-16
16 cm/6¼"



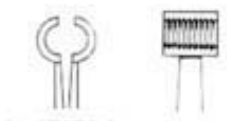
Larsen
10 cm/4"



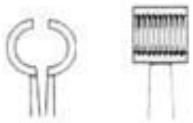
21-07972-02
2 mm



21-07972-03
3 mm



21-07972-04
4 mm



21-07972-05
5 mm



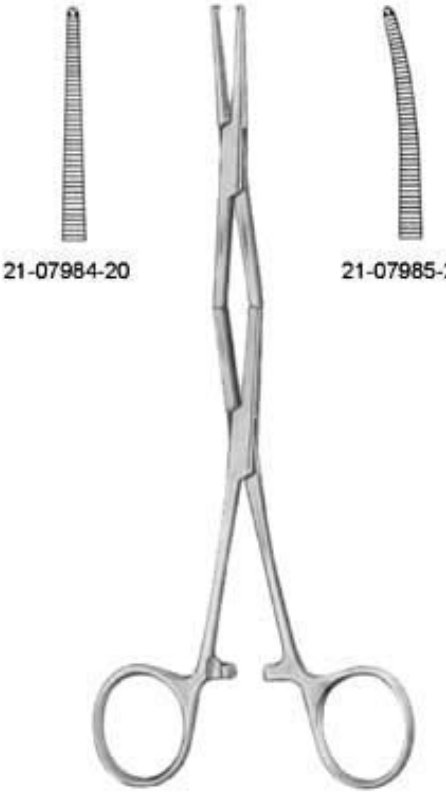
Kleinert-Kutz
21-07976-20
20 cm/8"



Brand
21-07980-15 15 cm/6"
21-07980-19 19 cm/7½"
21-07980-24 24 cm/9½"



Brand
21-07981-15 15 cm/6"
21-07981-19 19 cm/7½"
21-07981-24 24 cm/9½"



21-07984-20

21-07985-20

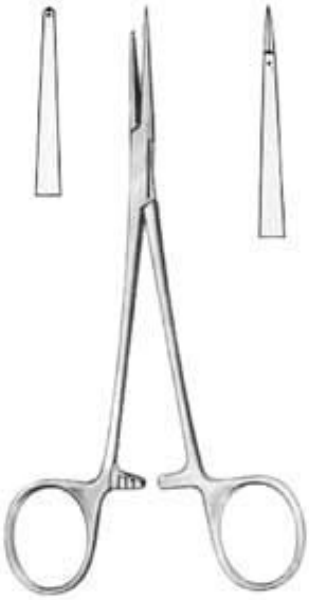
20 cm/8"



Steinmann
21-07988-13
13 cm/5"



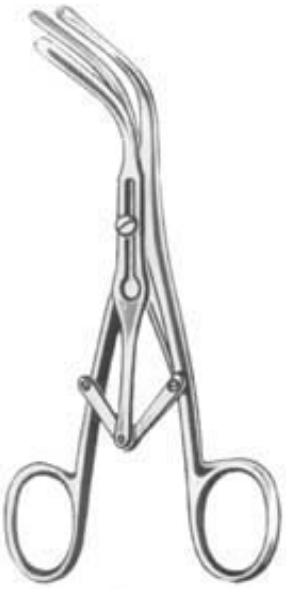
Caroll
21-07992-11
11 cm/4½"



21-07996-15
15 cm/6"



21-07997-15
15 cm/6"



Laborde
22-08000-13 13 cm/5"
22-08000-15 15 cm/6"



Trousseau
22-08004-14
14 cm/5½"



Trousseau-Baby
22-08006-13
13 cm/5"

Thyrold Gland Retractor



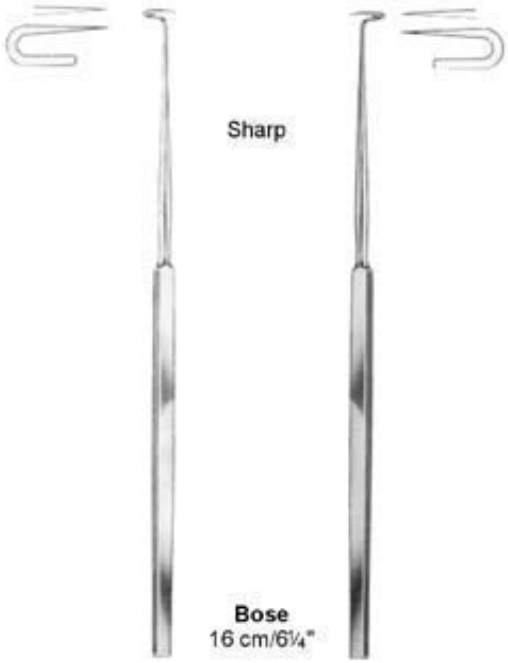
Schoenborn
22-08018-21
21 cm/8¼"

Hooks

Left

Right

Trachea Trocars



Sharp

Bose
16 cm/6¼"



Bose
22-08010-07
7 cm/2¾"

22-08013-16

22-08015-16



Uckerman

22-08022-08 08 mm Ø
22-08022-10 10 mm Ø
13 cm/5"

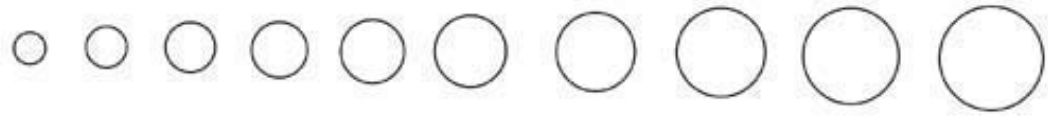


Fig	0	1	2	3	4	5	6	7	8	9
Ø mm	04	05	06	07	08	09	10	11	12	13
Charr./Fr.	12	15	18	21	24	27	30	33	36	39
	45	50	55	60	65	70	75	80	85	90

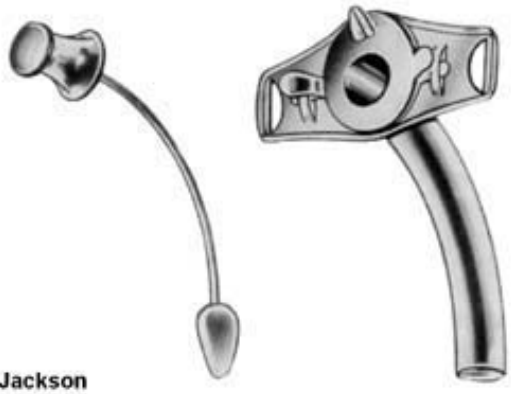
Length of Outer Tube

Standard Pattern



Luer

Fig.	mm Ø	
0	4	22-08026-04
1	5	22-08026-05
2	6	22-08026-06
3	7	22-08026-07
4	8	22-08026-08
5	9	22-08026-09
6	10	22-08026-10
7	11	22-08026-11
8	12	22-08026-12
9	13	22-08026-13



Chevalier-Jackson

Fig.	mm Ø	
0	4	22-08028-04
1	5	22-08028-05
2	6	22-08028-06
3	7	22-08028-07
4	8	22-08028-08
5	9	22-08028-09
6	10	22-08028-10
7	11	22-08028-11
8	12	22-08028-12
9	13	22-08028-13



Luer

Fig.	mm Ø	
4	8	22-08030-08
5	9	22-08030-09
6	10	22-08030-10
7	11	22-08030-11
8	12	22-08030-12
9	13	22-08030-13

Goitre Probes



Kocher
23-08034-15 15 cm/6"
23-08034-16 16 cm/6¼"

Goitre Grasping Forceps



Lahey
23-08038-15 15 cm/6"
23-08038-20 20 cm/8"



Muscle Forceps
23-08042-17

Mastin
17 cm/6¾"

Comedone Extractors



Schamberg
24-08046-10
10 cm/4"



Unna
24-08050-14
14 cm/5½"



Unna
24-08052-14
14 cm/5½"



Sealfeld
24-08056-10
10 cm/4"



Saalfeld
24-08060-14
14 cm/5½"



Katsch
24-08064-14
14 cm/5½"



Hebra
24-08068-18
18 cm/7"

Skin Curettes





Fig. 1 24-08072-01



Fig. 2 24-08072-02



Fig. 3 24-08072-03

Piffard
14.5cm/5¾"

Lupus Curettes

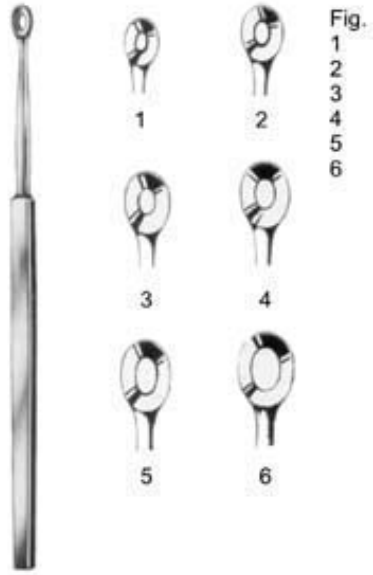
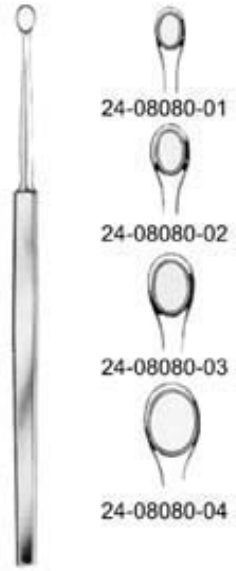


Fig.	
1	24-08076-01
2	24-08076-02
3	24-08076-03
4	24-08076-04
5	24-08076-05
6	24-08076-06

Wolff
14 cm/5½"

Lupus Curettes



Fox
14 cm/5½"

Lupus Scraper



Vidal
24-08084-14
14 cm/5½"

Moncorps Knife



Moncorps
24-08088-14
14 cm/5½"



Gillies
Fig. 1 24-08092-01
Fig. 2 24-08092-02
18 cm/7"

Cutaneous Hook



Kilner
24-08094-15
15 cm/6"



Allis

cm	in	4 : 5	5 : 6
15	6"	25-08096-15	25-08100-15
19	7½"		25-08100-19
23	9"		25-08100-23
25	10"		25-08100-25



Baby-Allis

25-08104-12	12 cm/4¾"
25-08104-14	14 cm/5½"



Allis-Atrauma

25-08108-16	16 cm/6¼"
25-08108-20	20 cm/8"
25-08108-25	25 cm/10"
25-08108-30	30 cm/12"



Allis-Adair
25-08112-15
15 cm/6"



Baby-Allis
25-08116-15
15 cm/6"



Lockwood-Allis
25-08120-16 16 cm/6¼"
25-08120-20 20 cm/8"



Thoms-Allis
25-08124-20
20 cm/8"



Judd-Allis
25-08128-15 15 cm/6"
25-08128-19 19 cm/7½"



Littlewood
25-08132-18
18.5 cm/7¼"



Williams
25-08136-16
16 cm/6 ¼"



Lockwood
25-08140-20
20 cm/8"

Atrauma

Tc









cm/in	Babcock-Atrauma	Babcock(Standard)	Baby-Babcock	Babcock
16 cm/6¼"	25-08144-16	25-08148-16	25-08152-16	25-08156-16
18 cm/7"		25-08148-18		
20 cm/8"	25-08144-20	25-08148-20		25-08156-20
24 cm/9½"		25-08148-24		

Atrauma



25-08160-18
18 cm/7"

25-08160-20
20 cm/8"

25-08160-23
23 cm/9"



Duval

	cm	in	
25-08164-18	18	7"	
25-08164-20	20	8"	25-08168-20
25-08164-23	23	9"	25-08168-23

Atrauma



25-08180-25
25 cm/10"



25-08182-26
26 cm/10¼"

TC



Duval
25-08172-20
20 cm/8"

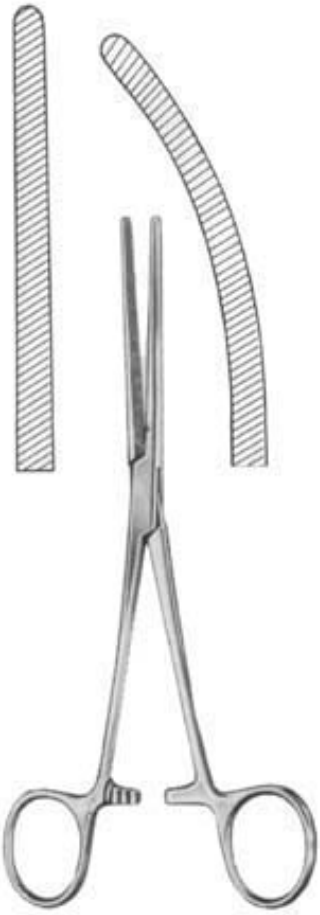


Child
24 cm/9½"



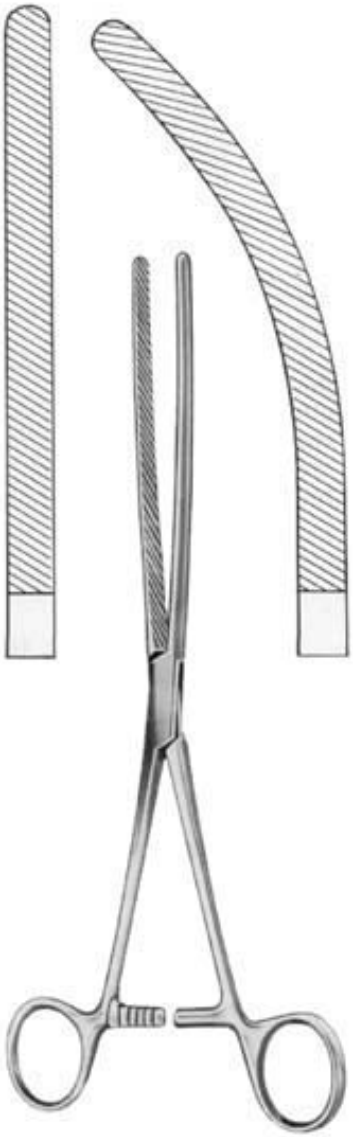
25-08176-24
Pair





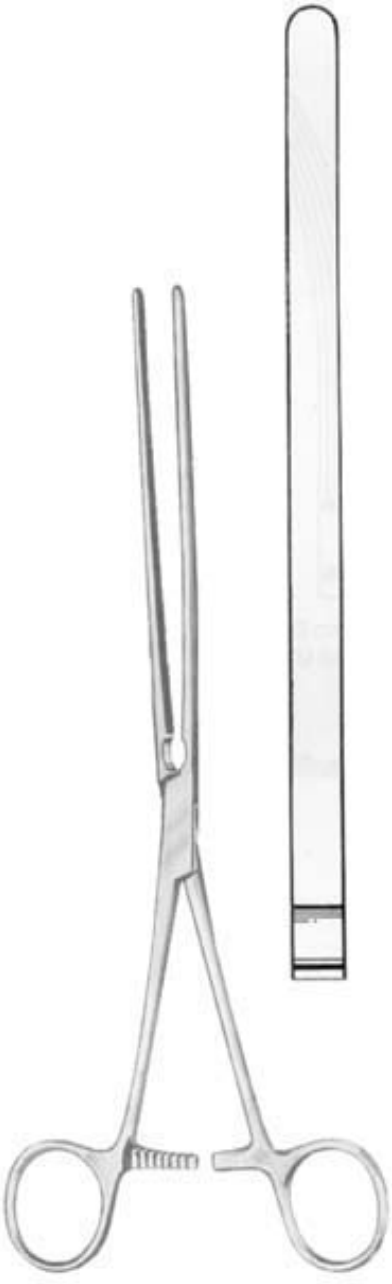
Baby-Doyen

Straight	Curved
25-08186-18	25-08187-18
18 cm/7"	18 cm/7"



Doyen

Straight		Curved	
25-08190-21	21 cm/8¼"	25-08191-21	21 cm/8¼"
25-08190-23	23 cm/9"	25-08191-23	23 cm/9"



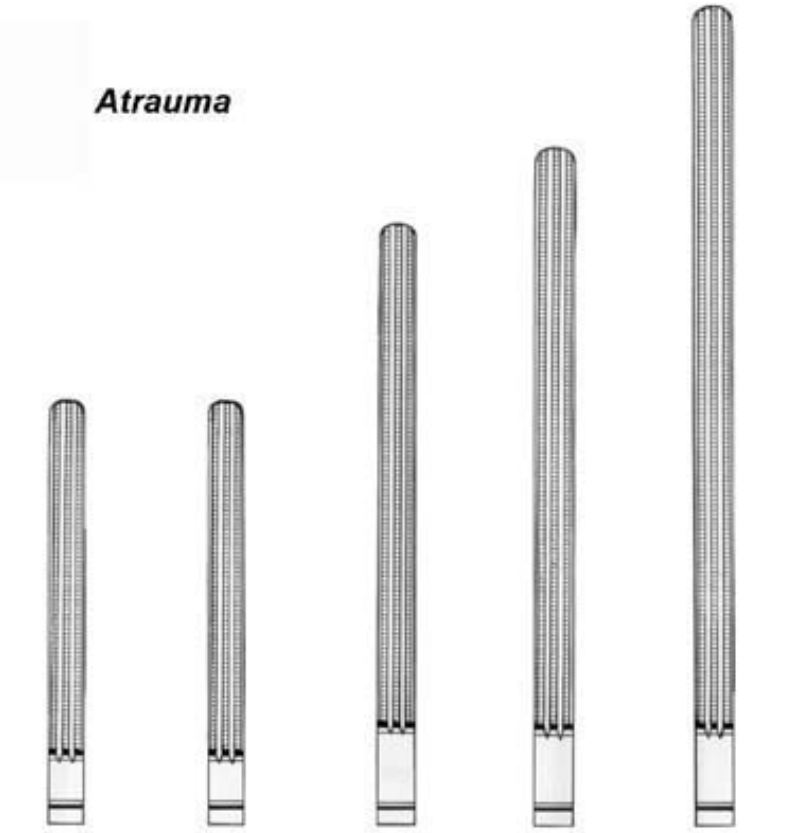
Scudder
25-08194-25
25 cm/10"



Doyen-Atrauma

Atrauma

Straight



25-08198-13
13 cm/5"

25-08198-16
16 cm/6¼"

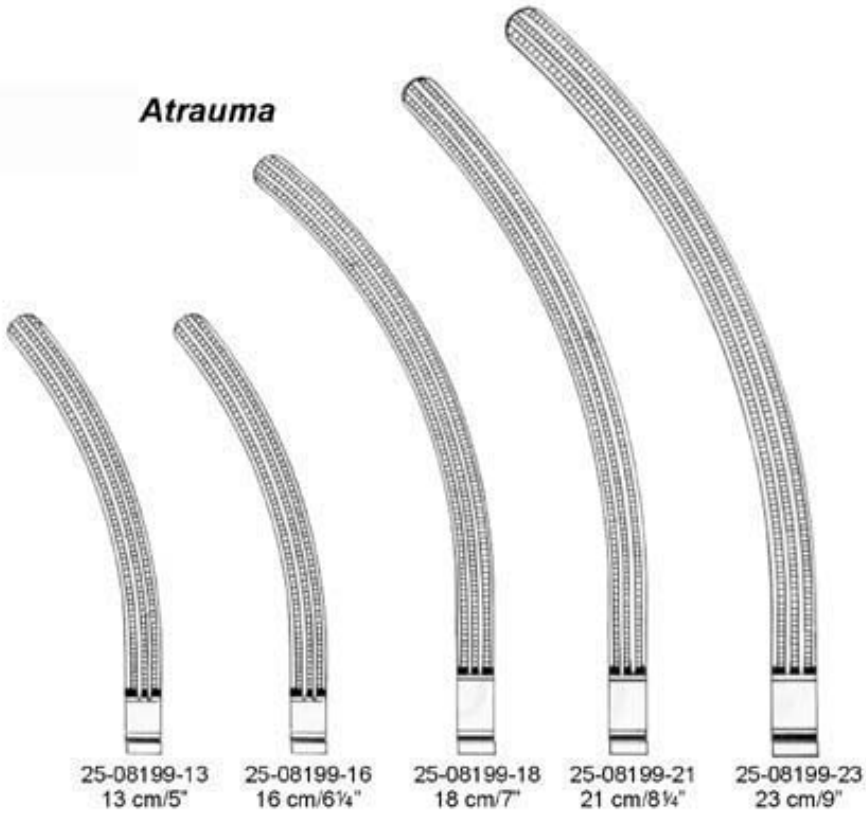
25-08198-18
18 cm/7"

25-08198-21
21 cm/8¼"

25-08198-23
23 cm/9"

Atrauma

Curved



25-08199-13
13 cm/5"

25-08199-16
16 cm/6¼"

25-08199-18
18 cm/7"

25-08199-21
21 cm/8¼"

25-08199-23
23 cm/9"



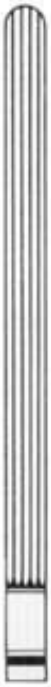
Mayo-Robson
Mayo-Robson Atrauma



25-08202-21
21 cm/8¼"



25-08203-21
21 cm/8¼"



25-08206-23
23 cm/9"



25-08207-23
23 cm/9"

Atrauma



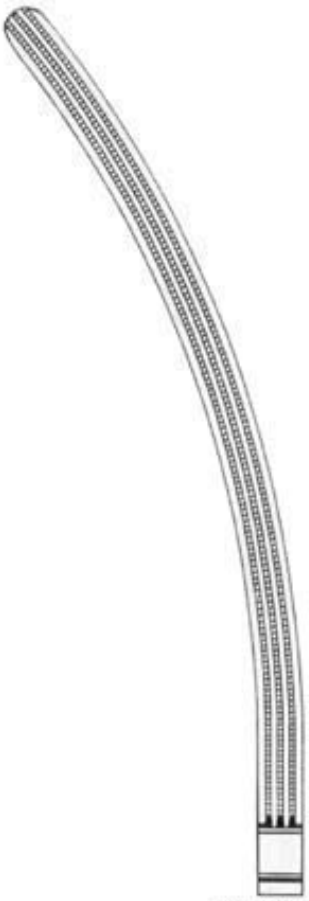
25-08210-25
25 cm/10"



25-08211-25
25 cm/10"



25-08214-25
25 cm/10"



25-08215-25
25 cm/10"



Resano
25-08219-30
30 cm/12"



Hayes

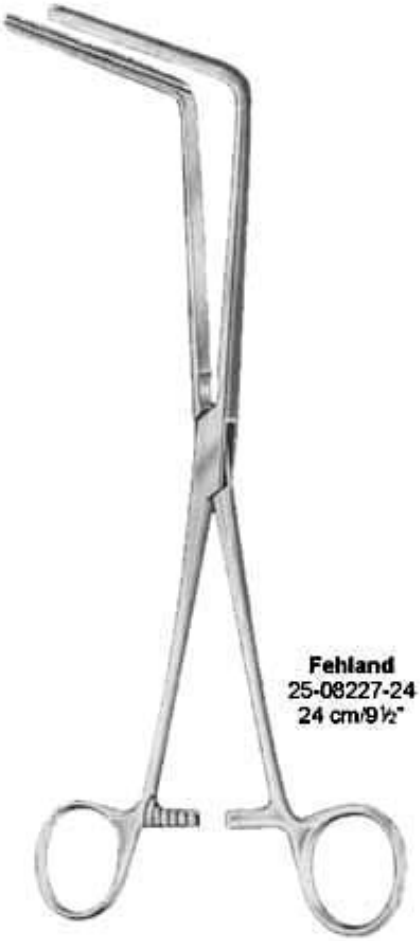
Atrauma



25-08223-26
26 cm/10¼"

25-08223-28
28 cm/11"

Atrauma



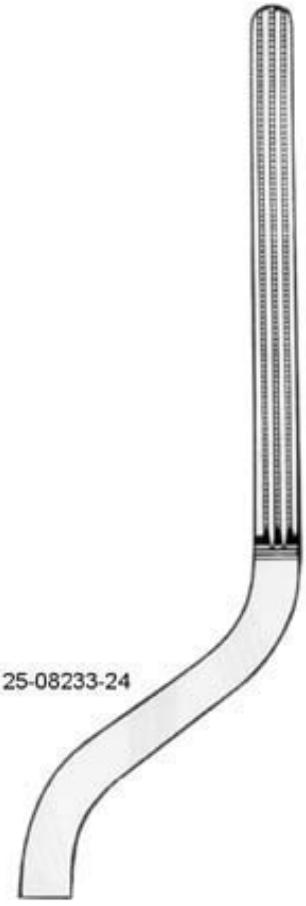
Fehland
25-08227-24
24 cm/9½"



Brunner
24 cm/9½"



25-08231-24



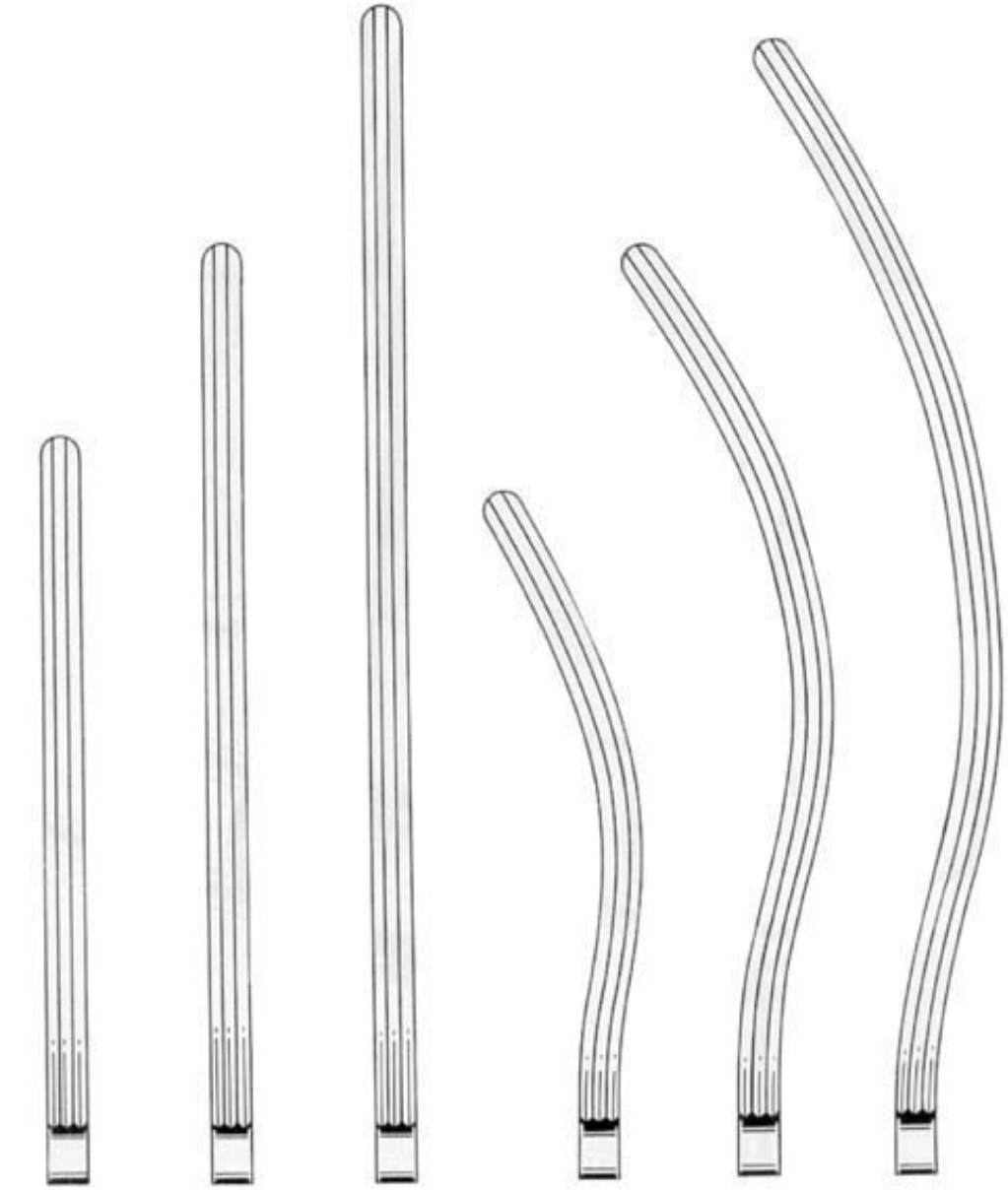
25-08233-24



Straight **Baby-Kocher** Curved
25-08236-13 25-08237-13
13 cm/5" 13 cm/5"



Kocher

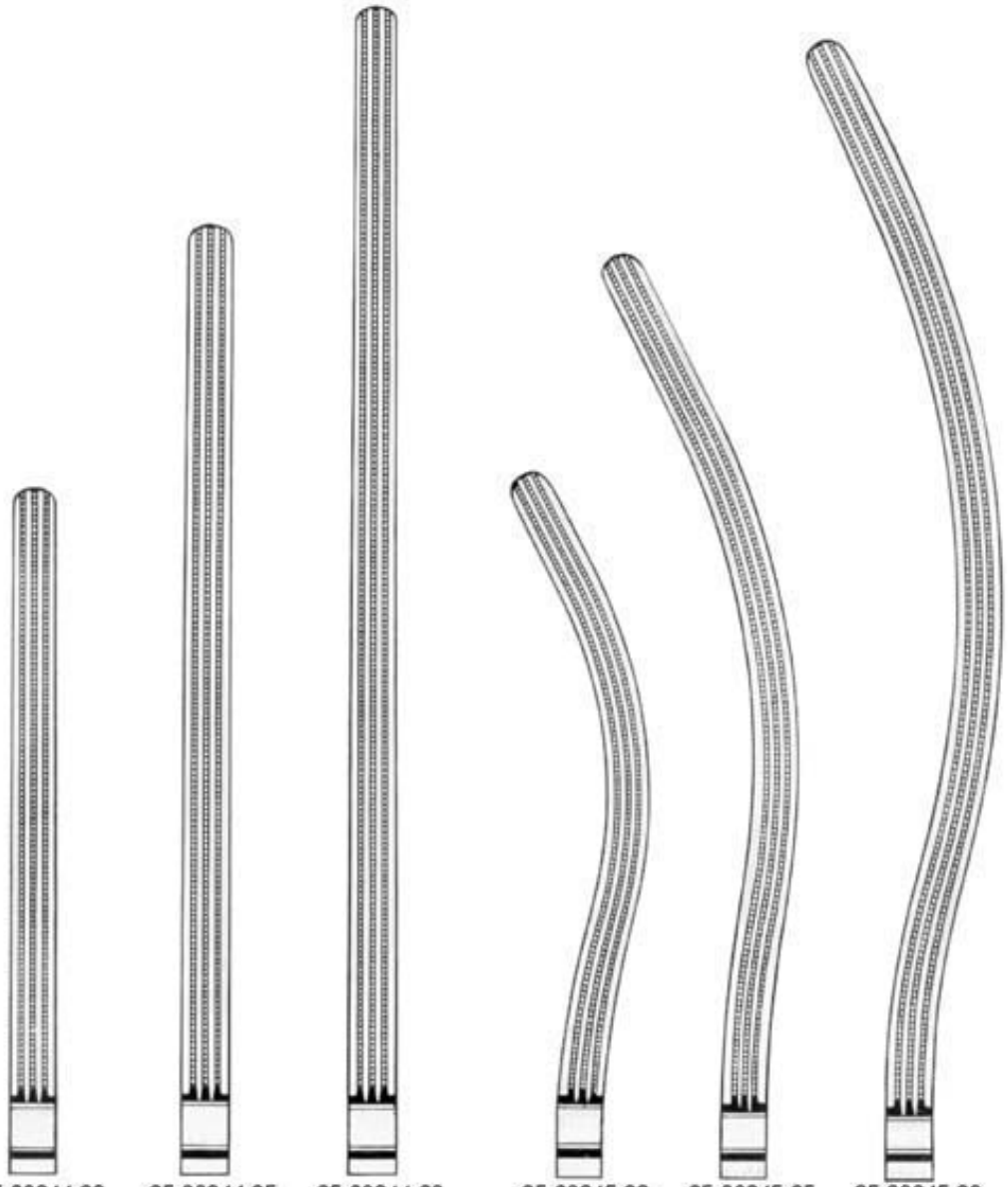


25-08240-22 22 cm/8¾"
25-08240-25 25 cm/10"
25-08240-28 28 cm/11"
25-08241-22 22 cm/8¾"
25-08241-25 25 cm/10"
25-08241-28 28 cm/11"

Atrauma



Kocher-Arauma



25-08244-22
22 cm/8¾"

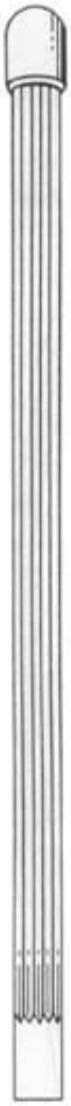
25-08244-25
25 cm/10"

25-08244-28
28 cm/11"

25-08245-22
22 cm/8¾"

25-08245-25
25 cm/10"

25-08245-28
28 cm/11"



Straight
25-08248-25



Nussbaum
25 cm/10"

Curved
25-08249-25



Pylorus spreader

Benson
25-08252-15
15.5 cm/6"

Blindgut forceps



Allen
25-08253-15 15.5 cm/6"
25-08253-20 20.0 cm/8"

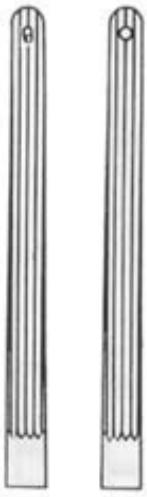


Kleinschmidt
25-08255-12
12 cm/4¾"

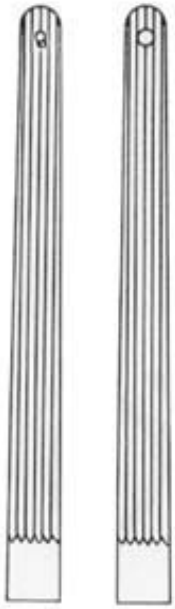


Payr
(Payr-Baby)

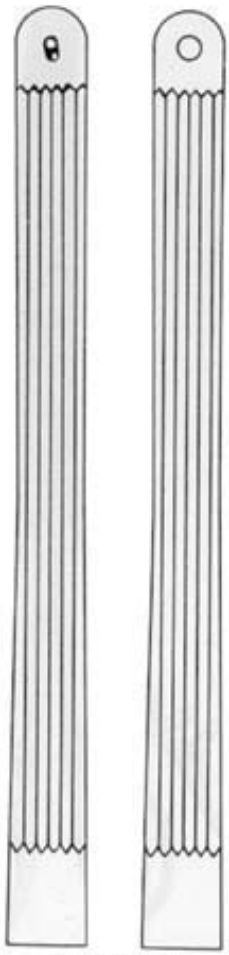
For children



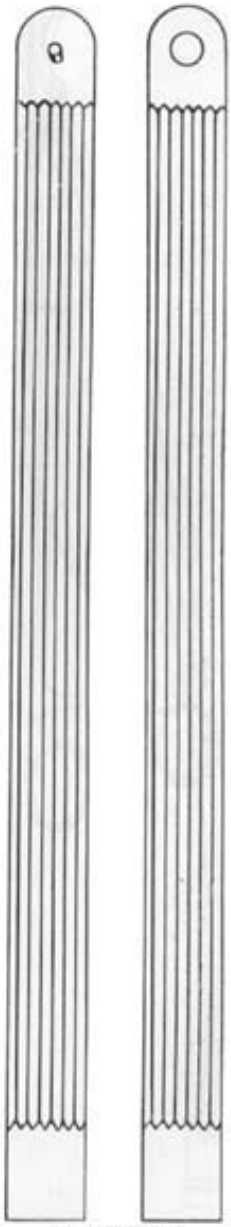
25-08258-15
15 cm/6"



25-08258-21
21 cm/8¼"



25-08258-29
29 cm/11½"



25-08258-35
35 cm/13¾"



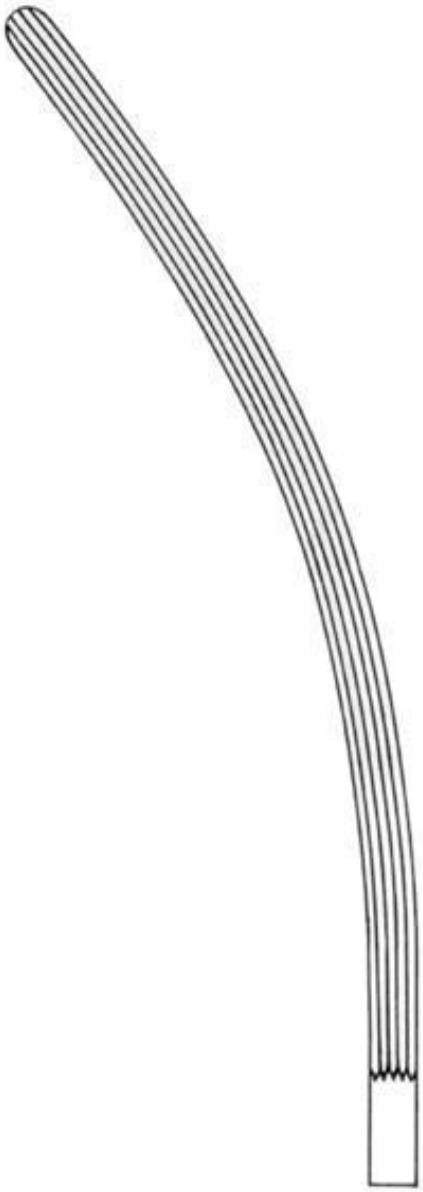


Lane
30 cm/12"

Twin Clamps Forceps



Straight
25-08862-30

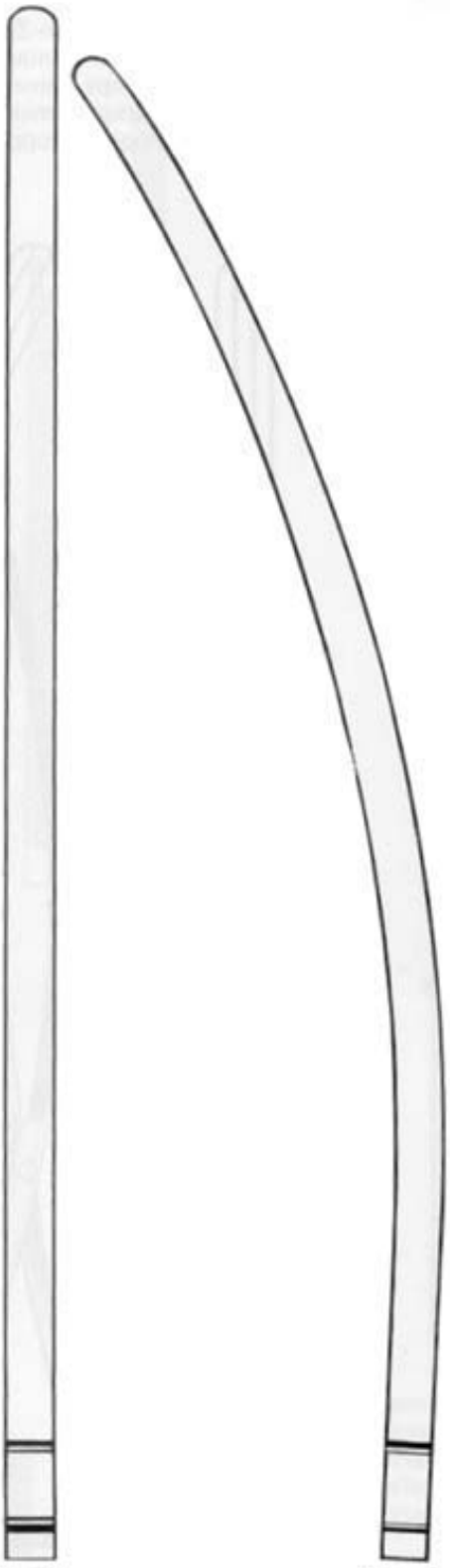


Curved
25-08863-30

Atrauma



Scudder
Scudder-Atraume
33 cm/13"

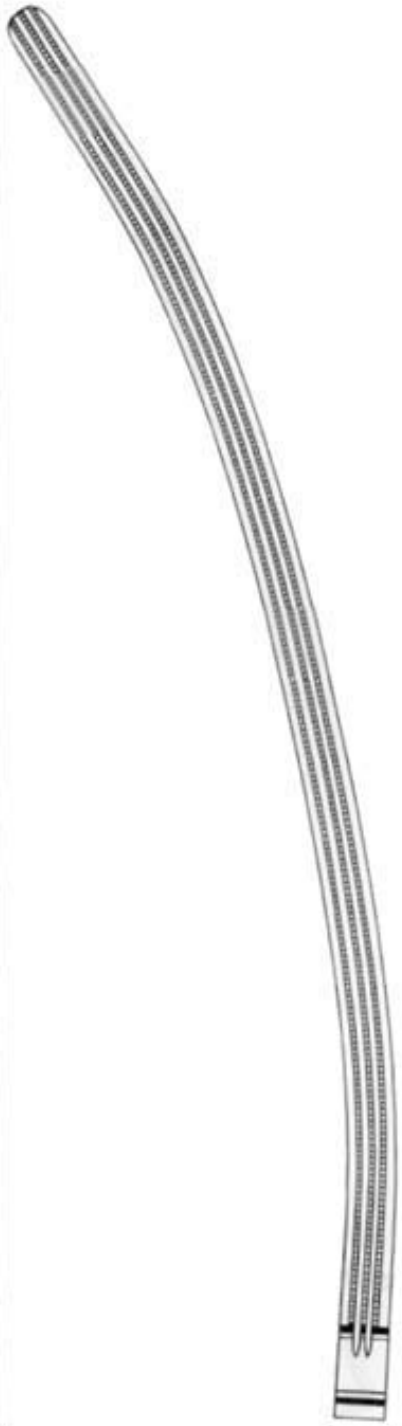


Straight
25-08266-33

Curved
25-08267-33

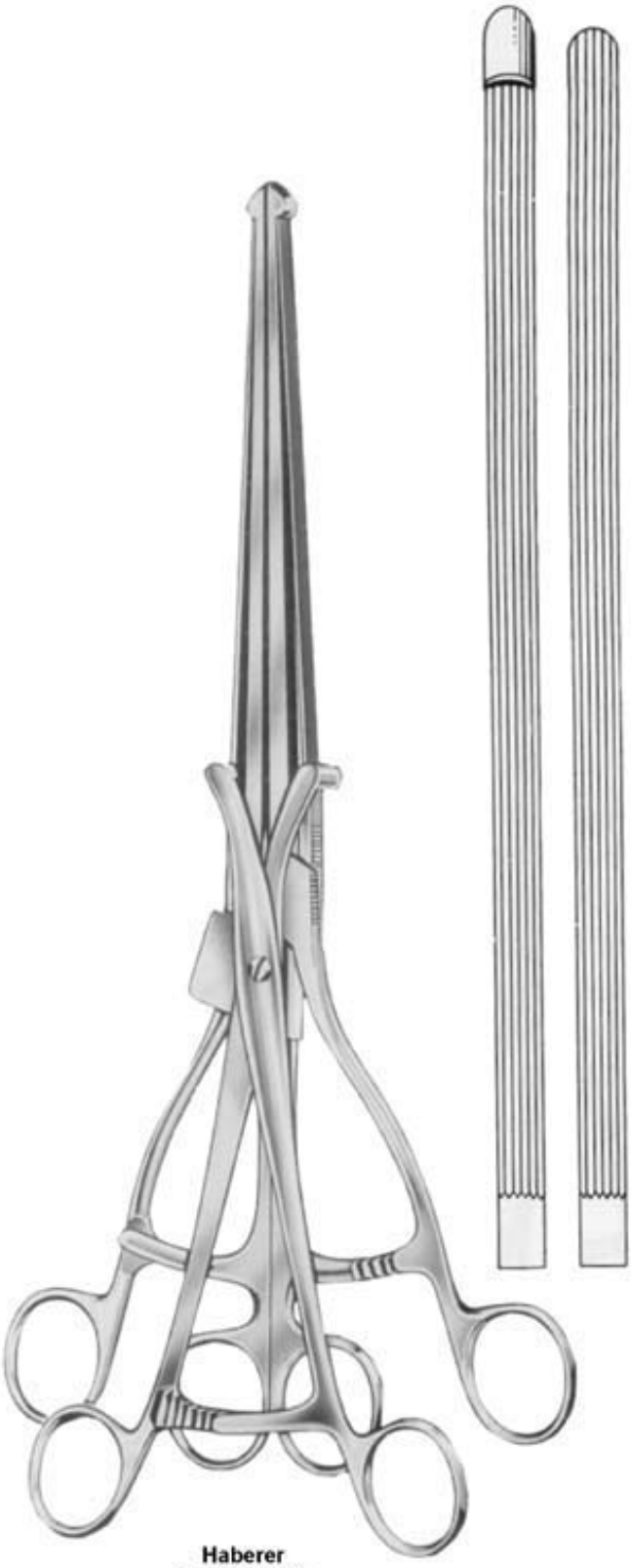


Straight
25-08270-33

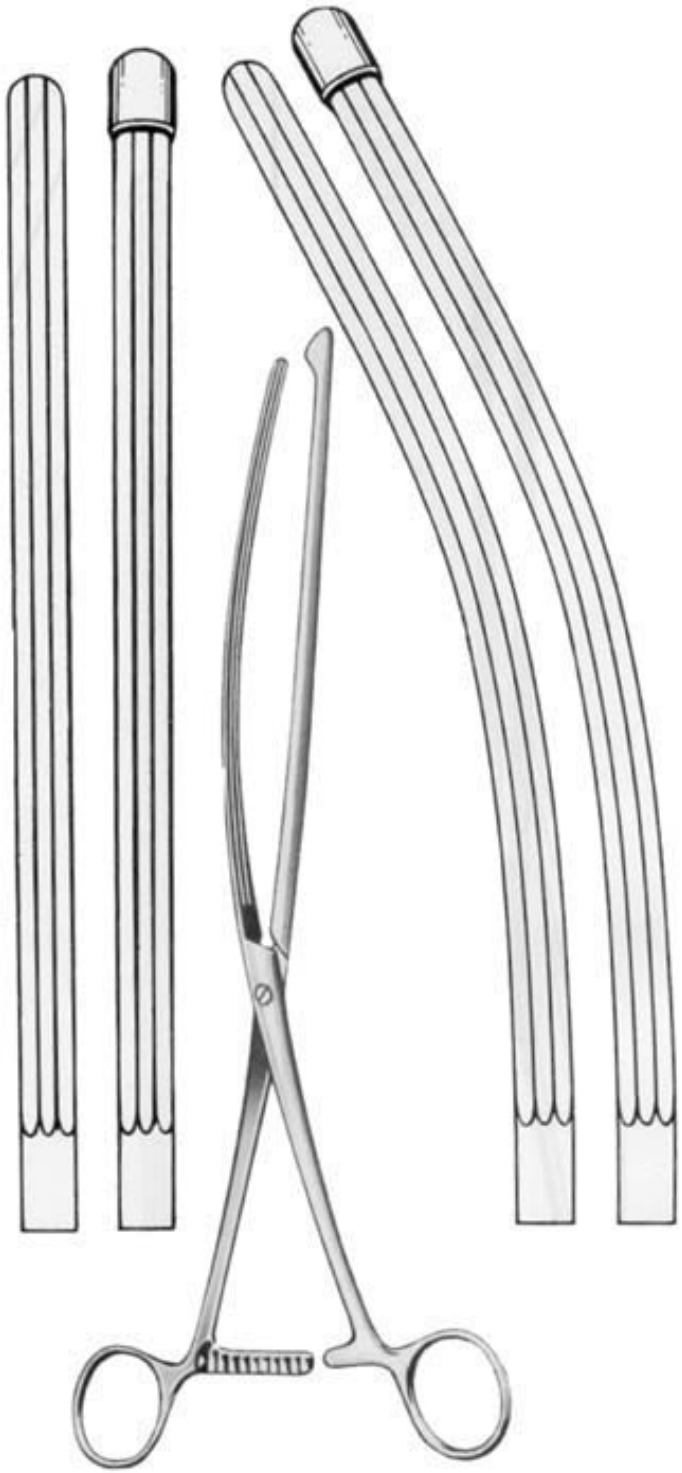


Curved
25-08271-33

Intestinal and Stomach Twin Clamps



Haberer
25-08274-36
36 cm/14"



Straigth
25-08278-30

Nussbaum
30 cm/12"

Curved
25-08279-30



Czerny
25-08282-22
22 cm/8¾"



Pratt
25-08286-20
80 x 25 mm
20.5 cm/8"



Sims
25-08291-15



(Bodenhammer) Sims
25-08290-15
15 cm/6"



Sims
22 cm/8¾"

Length of Blades

25-08294-06	60 mm
25-08294-08	80 mm
25-08294-12	125 mm
25-08294-15	150 mm



Mathieu
25-08298-19
90 x 15 mm
19.5 cm/7¾"



Barr
25-08302-17
17 cm/6¾"
70 X 22 mm

Anal Retractors



Smith-Bule
25-08306-15
15 cm/6"

Anuscopes



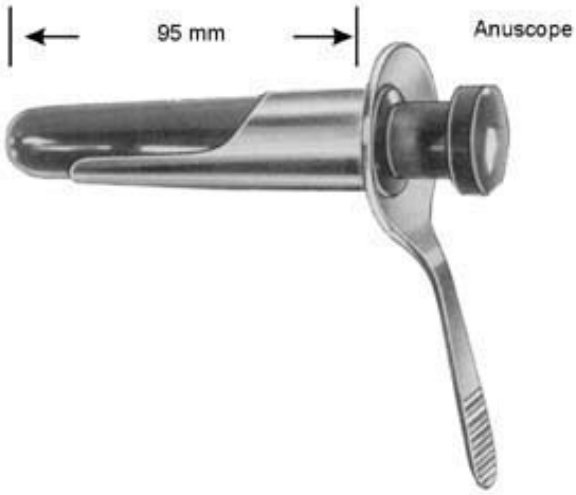
Hirschmann

Fig. 1 16 mm Ø x 65 mm	25-08310-01
Fig. 2 19 mm Ø x 65 mm	25-08310-02
Fig. 3 22 mm Ø x 65 mm	25-08310-03
Fig. 4 25 mm Ø x 65 mm	25-08310-04



Bensaude

Fig. 1 19 mm Ø x 70 mm	25-08314-01
Fig. 2 22 mm Ø x 70 mm	25-08314-02



Ives-Fansler
25-08318-22
22 mm Ø

Proctoscopes

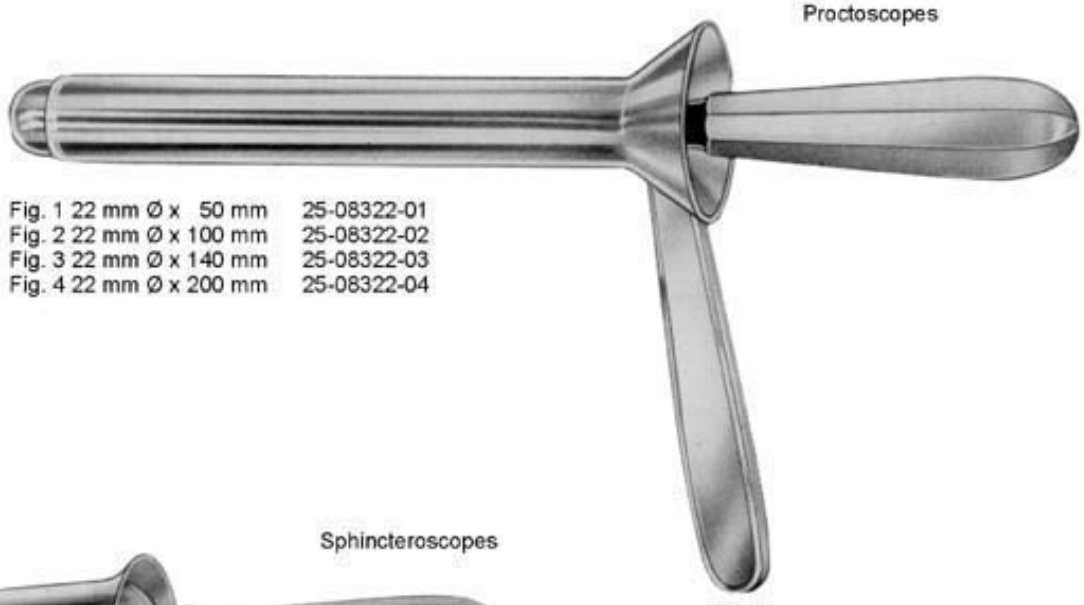


Fig. 1 22 mm Ø x 50 mm 25-08322-01
Fig. 2 22 mm Ø x 100 mm 25-08322-02
Fig. 3 22 mm Ø x 140 mm 25-08322-03
Fig. 4 22 mm Ø x 200 mm 25-08322-04

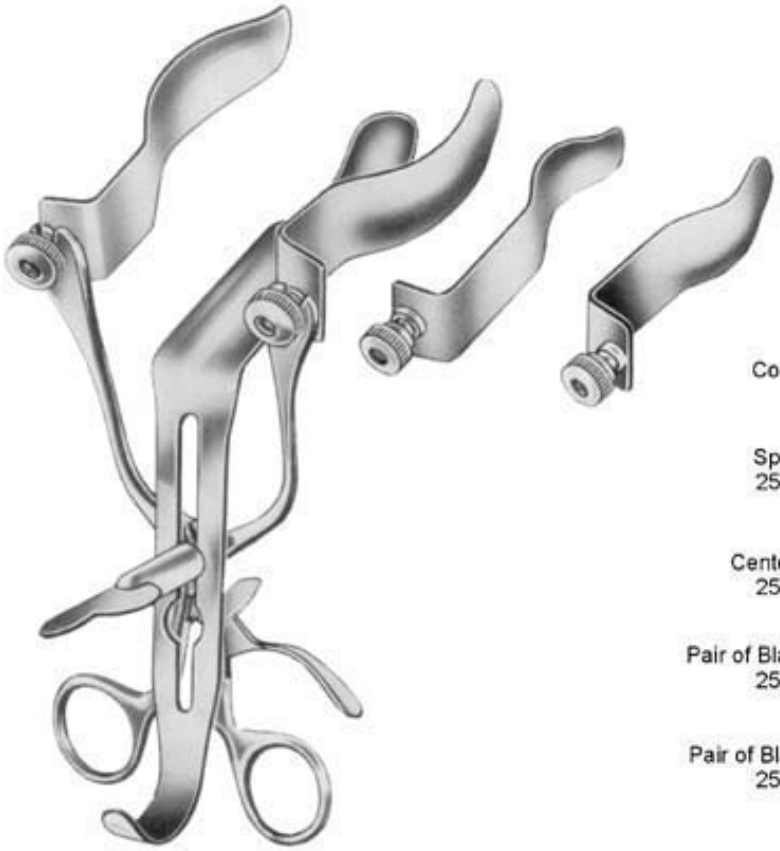
Kelly

Sphincteroscopes



Kelly

Fig. 1 21 mm Ø 50 mm 25-08326-01
Fig. 2 27 mm Ø 50 mm 25-08326-02



Park
25-08330-00
14.5 cm/5¾"

Consisting of:

Speader only
25-08330-01

Center Blade only
25-08330-02

Pair of Blades Only 75 mm
25-08330-03

Pair of Blades only 95 mm
25-08330-04

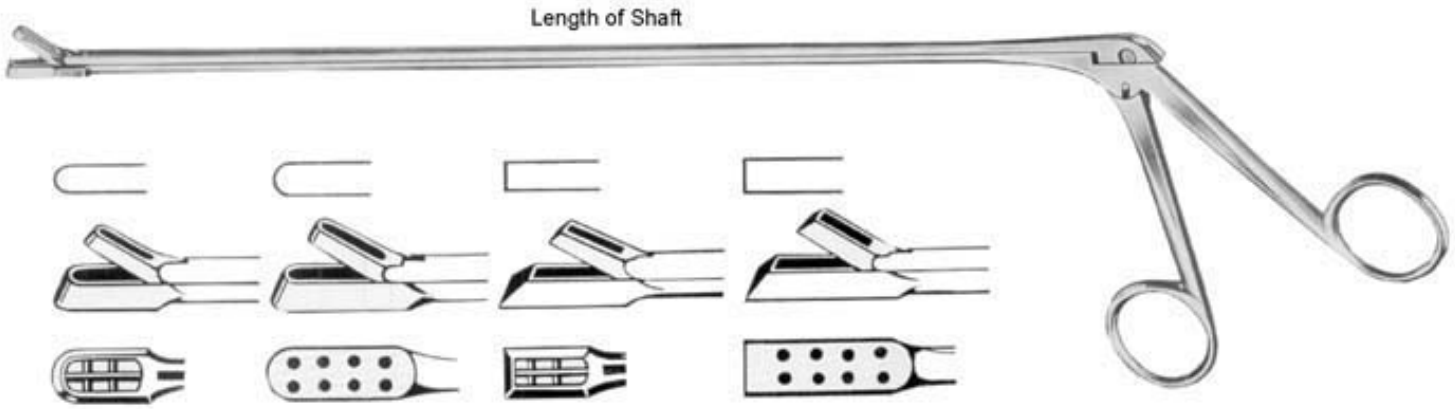


Park
25-08334-00
13 cm/5"

Consisting of:

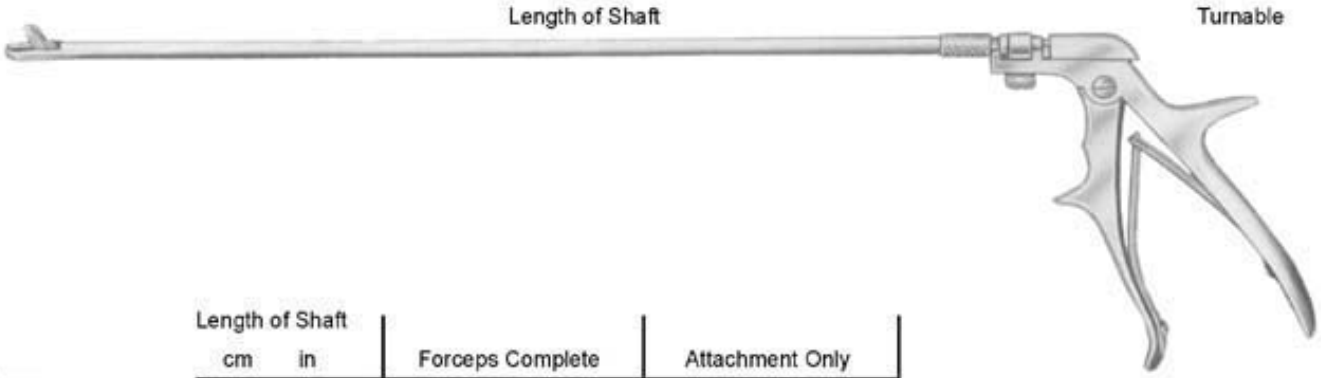
Speader only
25-08334-01

Pair of Blades only 95 mm
25-08334-02



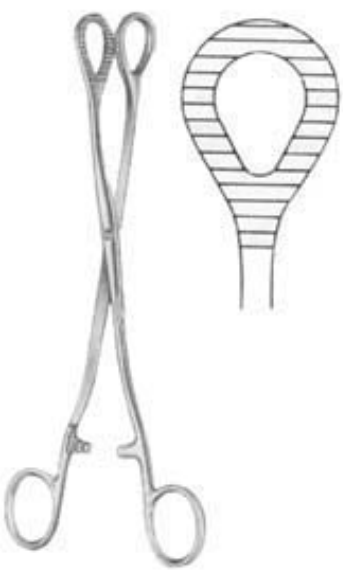
1	2	3	4	cm	in
25-08338-28	25-08340-28	25-08342-28	25-08344-28	28	11
25-08338-35	25-08340-35	25-08342-35	25-08344-35	35	13¾"
25-08338-42	25-08340-42	25-08342-42	25-08344-42	42	16½"

Yeoman



	Length of Shaft cm	Length of Shaft in	Forceps Complete	Attachment Only
	33	13	25-08348-33	25-08358-33
	40	16	25-08348-40	25-08358-40
	33	13	25-08350-33	25-08360-33
	40	16	25-08350-40	25-08360-40
	33	13	25-08352-33	25-08362-33
	40	16	25-08352-40	25-08362-40
	33	13	25-08354-33	25-08364-33
	40	16	25-08354-40	25-08364-40

Yeoman (Turrell)
Handle Only
25-08348-00

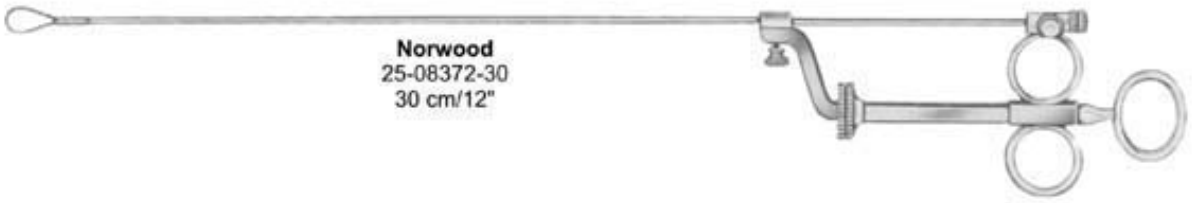


Heywood-Smith
25-08366-21
21 cm/8¼"



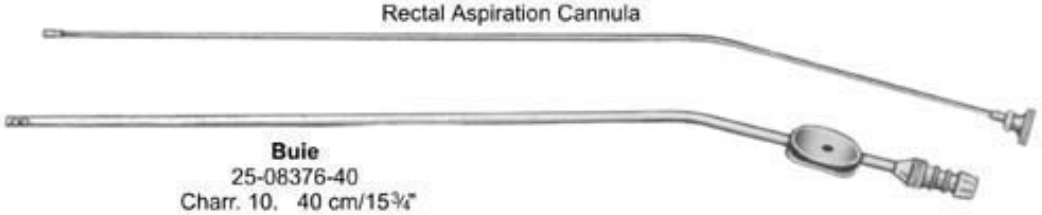
Heywood-Smith
25-08368-21
21 cm/8¼"

Rectal Snare



Norwood
25-08372-30
30 cm/12"

Rectal Aspiration Cannula



Buie
25-08376-40
Charr. 10. 40 cm/15¾"

Rectal Coolers

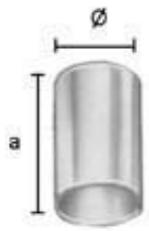


25-08380-01



25-08380-02

Aspiration Tip



	a	Ø
25-08384-11	11 mm	10 mm
25-08384-16	16 mm	10 mm

Charging Cone



10 mm Ø

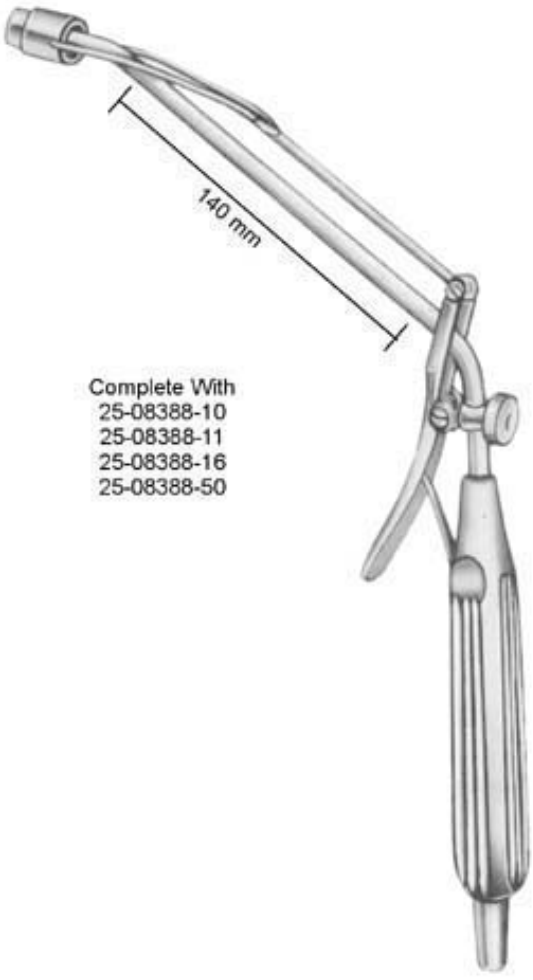
25-08392-10

Charging Cone



12 mm Ø

25-08392-12



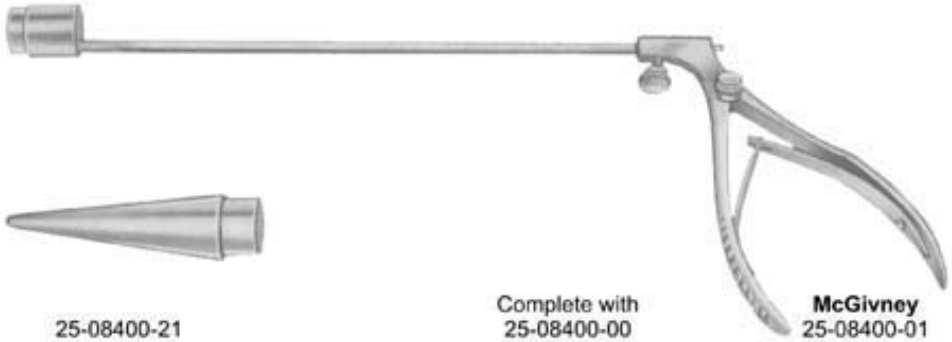
Complete With
25-08388-10
25-08388-11
25-08388-16
25-08388-50



Complete With
25-08396-00
25-08392-12
25-08396-50

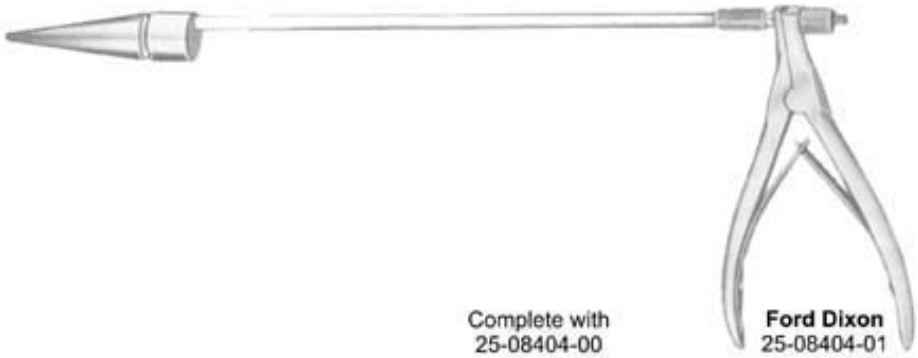
Rudd
31.5 cm/12½"

25-08400-21



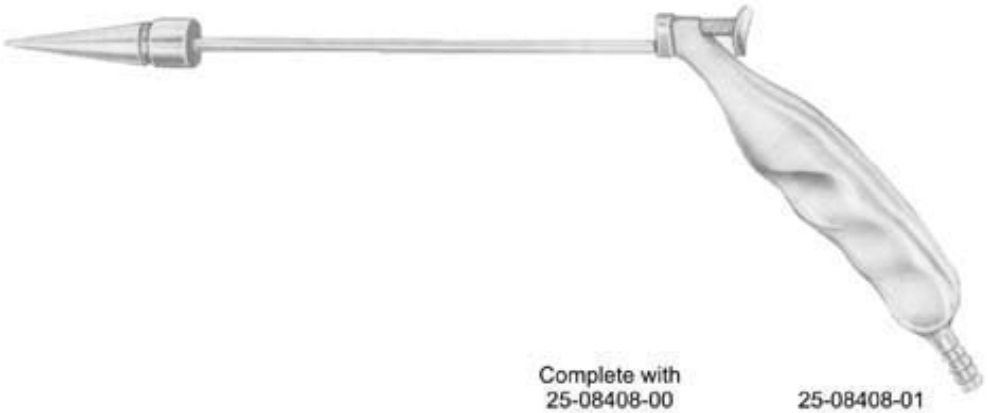
Complete with
25-08400-00

McGivney
25-08400-01



Complete with
25-08404-00

Ford Dixon
25-08404-01



Complete with
25-08408-00

25-08408-01



25-08414-00
Ligator rubber rings
in box of 100 pieces



McGivney
25-08412-19
19 cm/7½"

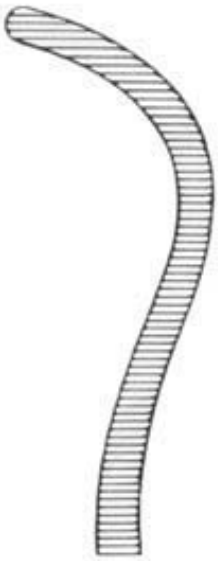


Guyon

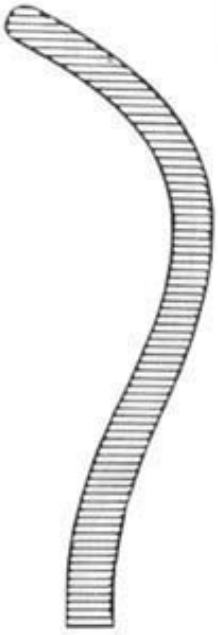
Atrauma



26-08416-20
20 cm/8"



26-08416-22
22 cm/8¾"



26-08416-24
24 cm/9½"



26-08418-23
23 cm/9"



26-08418-24
24 cm/9½"



Guyon
26-08420-23
23 cm/9"



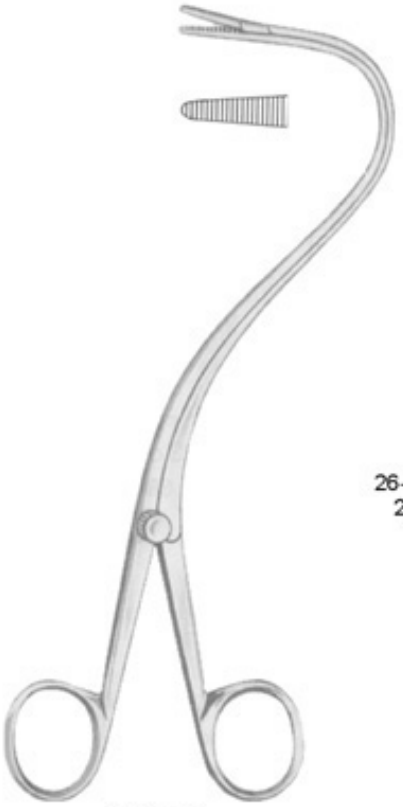
Herrick
26-08424-23
23 cm/9"



Mayo-Guyon
26-08428-23
23 cm/9"



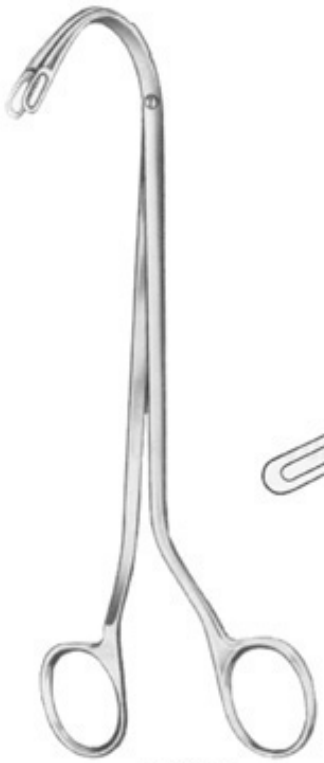
Stille
26-08432-23
23 cm/9"



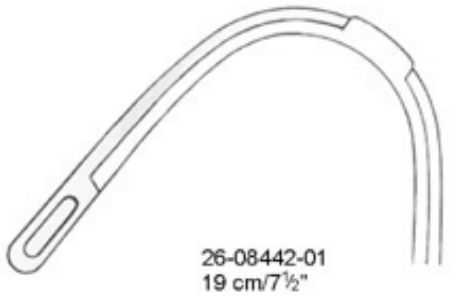
Elsasser
26-08436-20
20 cm/8"



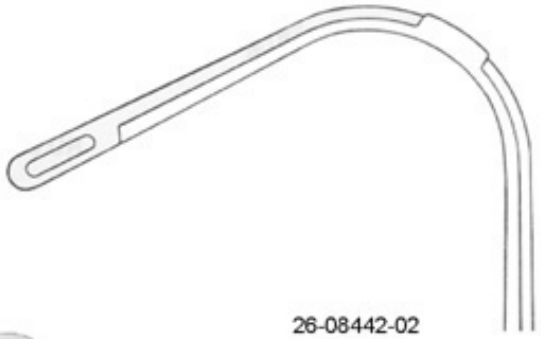
26-08438-20
20 cm/8"



Randall



26-08442-01
19 cm/7½"



26-08442-02
19 cm/7½"



Randall

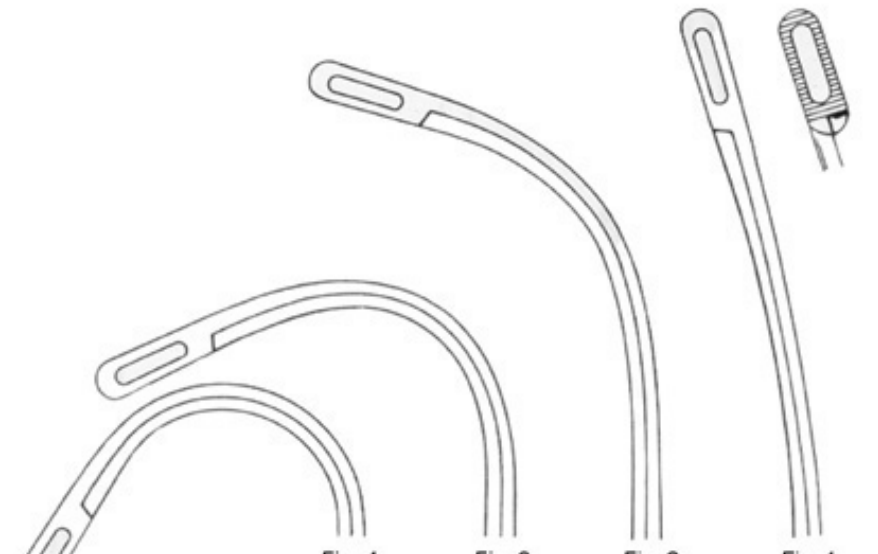


Fig. 4
26-08446-04
22 cm/8¾"

Fig. 3
26-08446-03
22 cm/8¾"

Fig. 2
26-08446-02
22 cm/8¾"

Fig. 1
26-08446-01
23 cm/9"



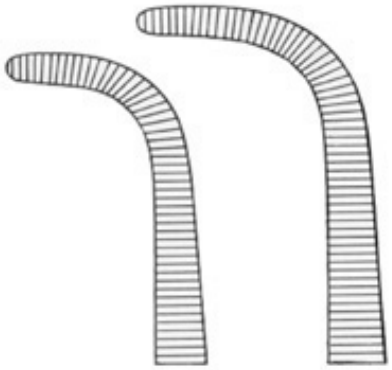


Fig. 1
26-08450-01
22 cm/8¾"

Fig. 2
26-08450-02
23 cm/9"

Set of 2 pieces

Gray
26-08450-00



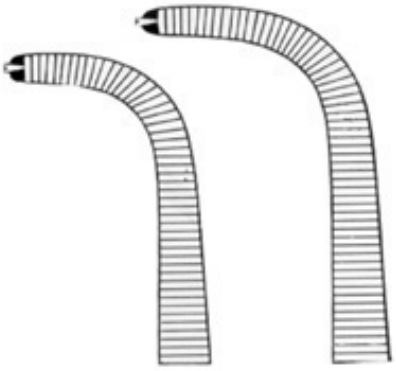


Fig. 1
26-08454-01
22 cm/8¾"

Fig. 2
26-08454-02
23 cm/9"

Set of 2 pieces

Gray
26-08454-00



Gall duct and
cystic forceps

Desjardins
26-08458-21
21 cm/8¼"



Nissen
26-08462-21
21.5 cm/8½"



Straight 26-08466-20 | **Blake** 20 cm/8" | Curved 26-08467-20



Straight 26-08472-20 | **Mayo-Blake** 20 cm/8" | Curved 26-08473-20



Czerny
26-08476-24
24.5 cm/9¾"



Desjardins
23 cm/9"



Fig. 1
26-08480-01



Fig. 2
26-08480-02

Elastic





26-08484-01



26-08484-02



26-08484-03

Desjardins
28 cm/11"

Bile duct dilators.



Bakes
30 cm/12"

mm	
1	26-08488-01
2	26-08488-02
3	26-08488-03
4	26-08488-04
5	26-08488-05
6	26-08488-06
7	26-08488-07
8	26-08488-08
9	26-08488-09
10	26-08488-10
11	26-08488-11
12	26-08488-12
13	26-08488-13

26-08488-00
set of 9 pieces

26-08488-03 to 26-08488-11

26-08490-00
set of 9 pieces in canvas pocket

Elastic

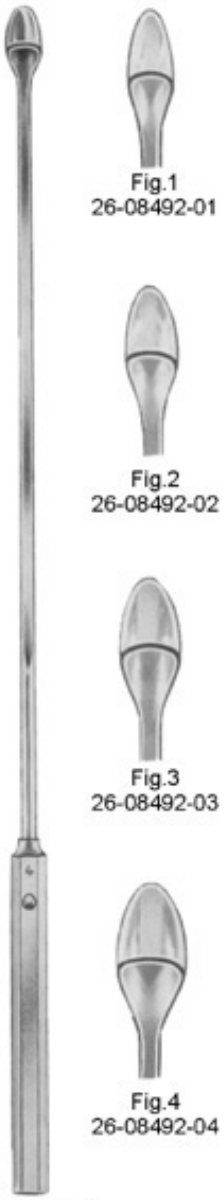


Fig.1
26-08492-01

Fig.2
26-08492-02

Fig.3
26-08492-03

Fig.4
26-08492-04

Desjardins
30 cm/12"

Malleable



Luer-Koerte
32 cm/12½"



26-08496-02
2.5 mm



26-08496-03
3.2 mm



26-08496-04
4.2 mm



26-08496-05
5.5 mm



26-08496-06
6.7 mm



26-08496-08
8.0 mm



26-08496-11
11 mm



26-08496-15
15 mm



Mayo
26-08500-28
28 cm/11"

Malleable



Mayo
26.5 cm/10½"



Fig. 1
26-08504-01



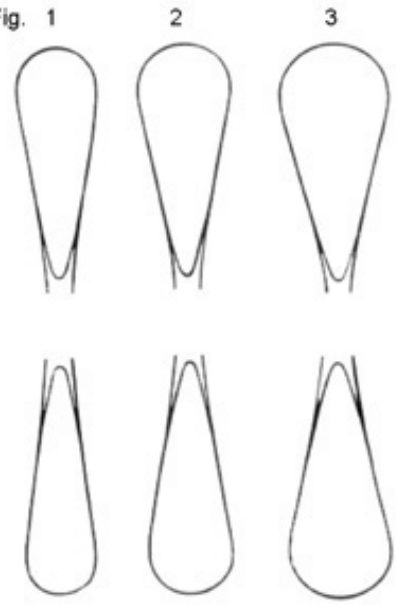
Fig. 2
26-08504-02



Fig. 3
26-08504-03



Moore
26-08506-28
28 cm/11"



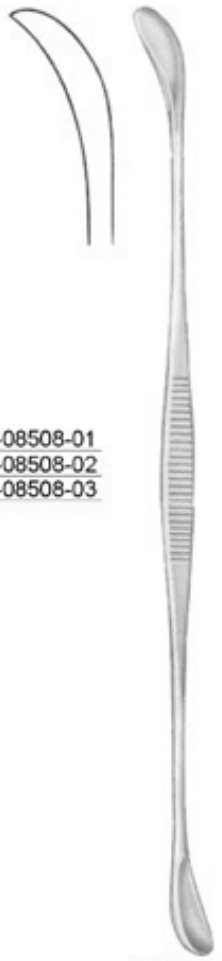


Fig.
1 26-08508-01
2 26-08508-02
3 26-08508-03

Fergusson
24 cm/9½"



Young
26-08510-21
21 cm/8¼"



Young
26-08512-22
22 cm/8¾"



Young
26-08514-21
21 cm/8¼"



Young
26-08514-22
22 cm/8¾"



Millin
26-08516-23
23 cm/9"



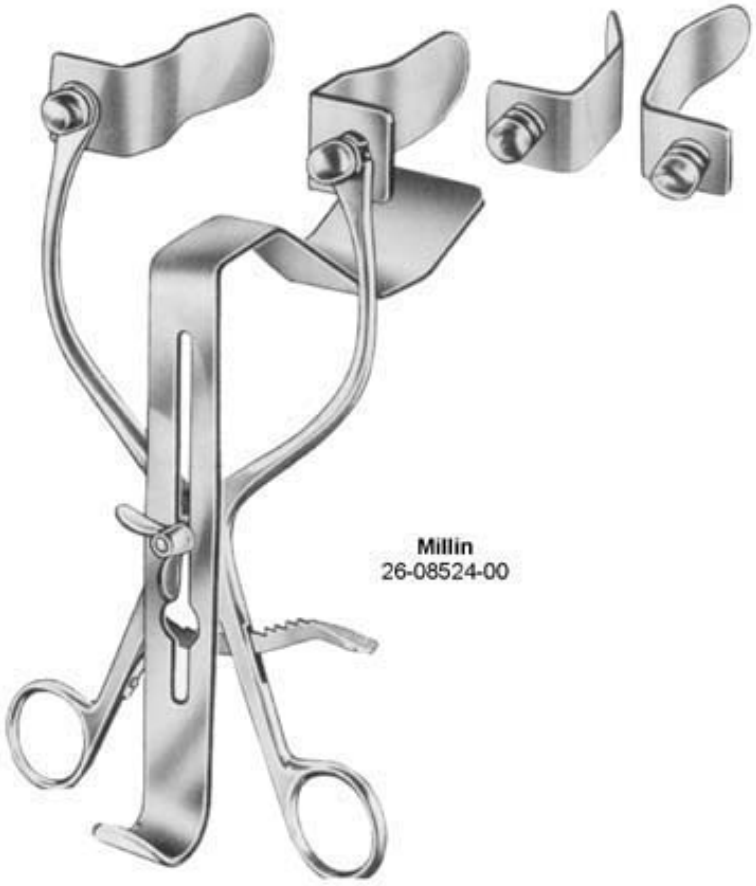
Millin
26-08518-23
23 cm/9"



Millin
26-08520-23
23 cm/9"



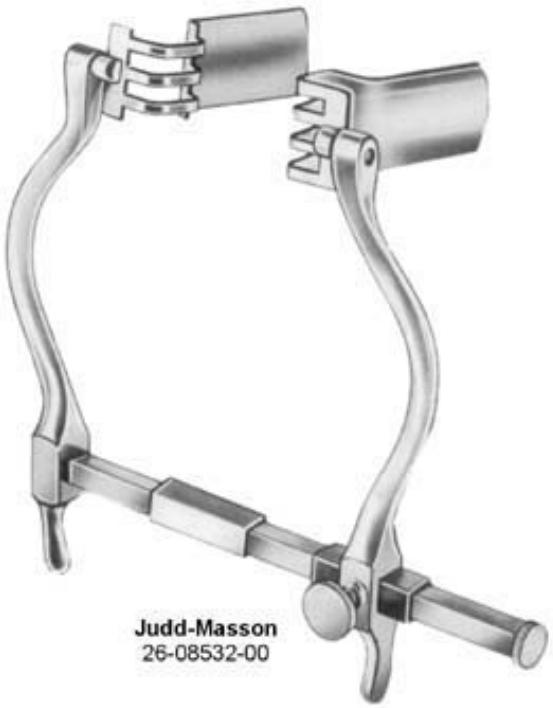
Millin
26-08522-24
24 cm/9½"



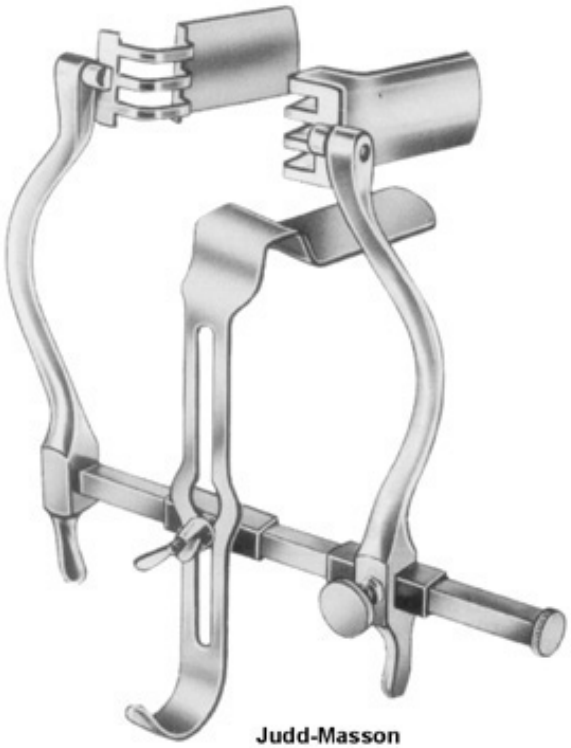
Millin
26-08524-00



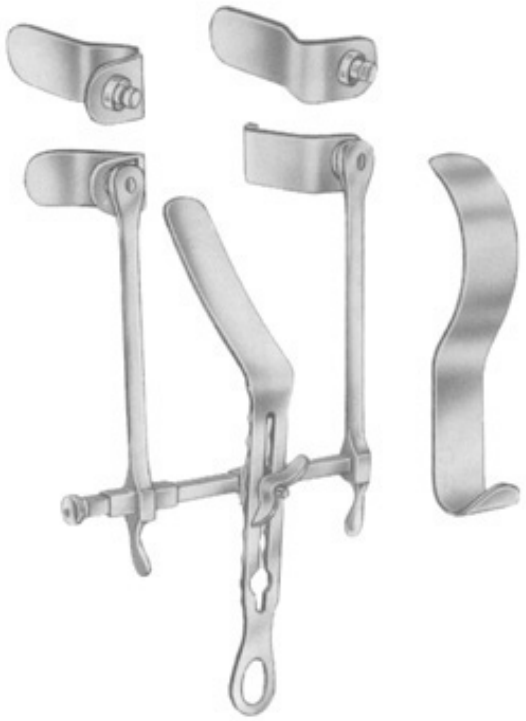
Legueu
26-08528-00



Judd-Masson
26-08532-00



Judd-Masson
26-08536-00



Thomson-Walker
26-08540-00



Legueu
26-08544-27
27 cm/10½"
35 mm



Kocher
26-08548-26
26 cm/10¼"
67 mm

mm Ø	Charriere (French)	Van Buren
2⅔	8	26-08552-08
3	9	
3⅓	10	26-08552-10
3⅔	11	
4	12	26-08552-12
4⅓	13	
4⅔	14	26-08552-14
5	15	
5⅓	16	26-08552-16
5⅔	17	
6	18	26-08552-18
6⅓	19	
6⅔	20	26-08552-20
7	21	
7⅓	22	26-08552-22
7⅔	23	
8	24	26-08552-24
8⅓	25	
8⅔	26	26-08552-26
9	27	
9⅓	28	26-08552-28
9⅔	29	
10	30	26-08552-30
10⅓	32	26-08552-32
11⅔	34	26-08552-34
12	36	26-08552-36



Van Buren
Charrier (French)
No. 8-36
26-08552-08
26-08552-36
28 cm/11"
In Canvas Pouch
26-08552-50
Set of 6
6 Pcs. 26-08552-14/24
26-08552-24

26-08552-60
Set of 12
12 Pcs 26-08552-08/36
26-08552-36



Dittel
Charriere (French)
No. 8-30
26-08554-08
26-08554-30
19.5 cm/7½"

Straight
26-08554-08
26-08554-09
26-08554-10
26-08554-11
26-08554-12
26-08554-13
26-08554-14
26-08554-15
26-08554-16
26-08554-17
26-08554-18
26-08554-19
26-08554-20
26-08554-21
26-08554-22
26-08554-23
26-08554-24
26-08554-25
26-08554-26
26-08554-27
26-08554-28
26-08554-26
26-08554-30



Dittel
Charriere (French)
No. 8-30
26-08556-08
26-08556-30
34.5 cm/13½"

Curved
26-08556-08
26-08556-09
26-08556-10
26-08556-11
26-08556-12
26-08556-13
26-08556-14
26-08556-15
26-08556-16
26-08556-17
26-08556-18
26-08556-19
26-08556-20
26-08556-21
26-08556-22
26-08556-23
26-08556-24
26-08556-25
26-08556-26
26-08556-27
26-08556-28
26-08556-26
26-08556-30

For men

For Women

	mm Ø	Charriere (French)	
26-08560-06	2	6	26-08562-06
26-08560-07	2⅓	7	26-08562-07
26-08560-08	2⅔	8	26-08562-08
26-08560-09	3	9	26-08562-09
26-08560-10	3⅓	10	26-08562-10
26-08560-11	3⅔	11	26-08562-11
26-08560-12	4	12	26-08562-12
26-08560-13	4⅓	13	26-08562-13
26-08560-14	4⅔	14	26-08562-14
26-08560-15	5	15	26-08562-15
26-08560-16	5⅓	16	26-08562-16
26-08560-17	5⅔	17	26-08562-17
26-08560-18	6	18	26-08562-18
26-08560-19	6⅓	19	26-08562-19
26-08560-20	6⅔	20	26-08562-20
26-08560-21	7	21	26-08562-21
26-08560-22	7⅓	22	26-08562-22
26-08560-23	7⅔	23	26-08562-23
26-08560-24	8	24	26-08562-24

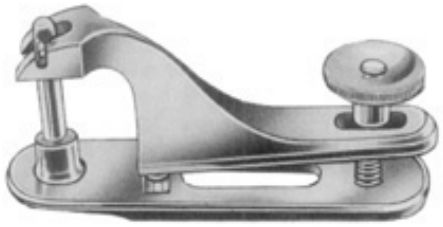
26-08560-06
26-08560-24

Catheter Introducing Instruments

Guyon
26-08566-39
39 cm/15½"

Guyon
26-08568-35
35 cm/13¾"

Circumcision Instruments



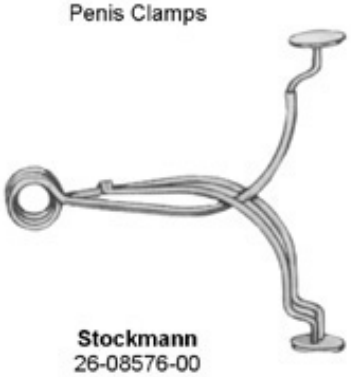
26-08572-08	08 mm
26-08572-11	11 mm
26-08572-13	13 mm
26-08572-16	16 mm
26-08572-21	21 mm
26-08572-26	26 mm
26-08572-32	32 mm

Foreign Body Forceps

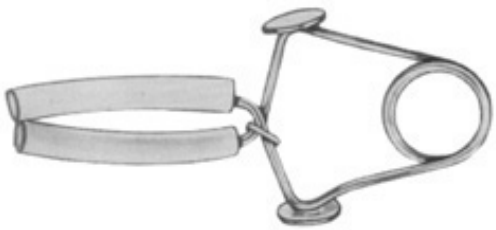


Mathieu
26-08584-20

Penis Clamps



Stockmann
26-08576-00



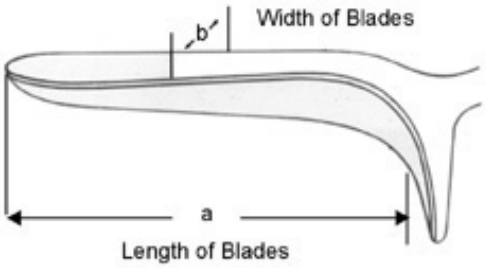
Strauss
26-08580-00

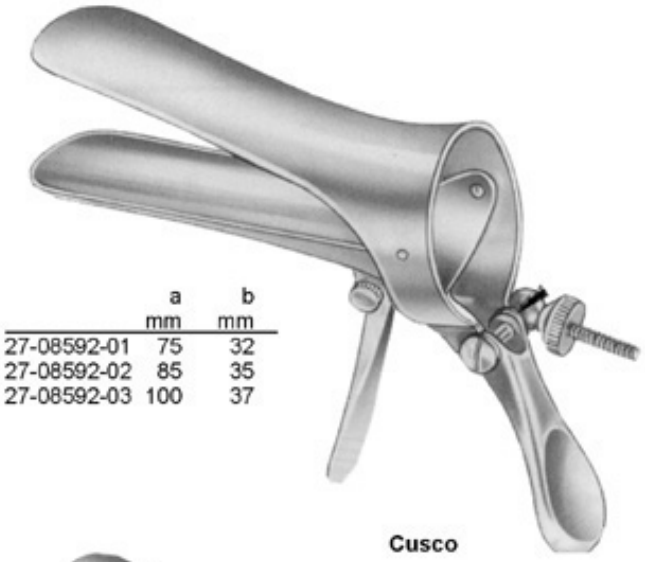
Secretion Scoop



Guttmann
26-08588-26
26.5 cm/10½"

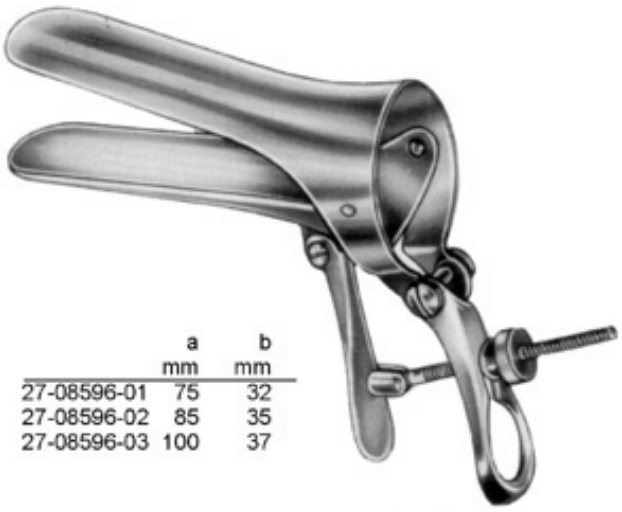
Scheme of Dimensions for Specula





	a mm	b mm
27-08592-01	75	32
27-08592-02	85	35
27-08592-03	100	37

Cusco



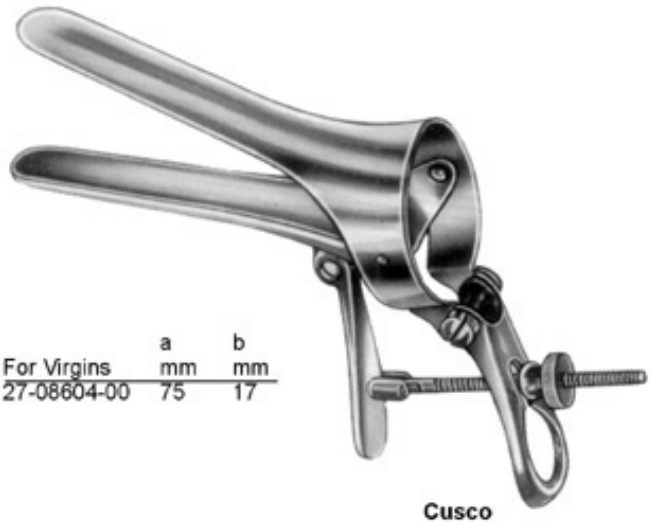
	a mm	b mm
27-08596-01	75	32
27-08596-02	85	35
27-08596-03	100	37

Cusco



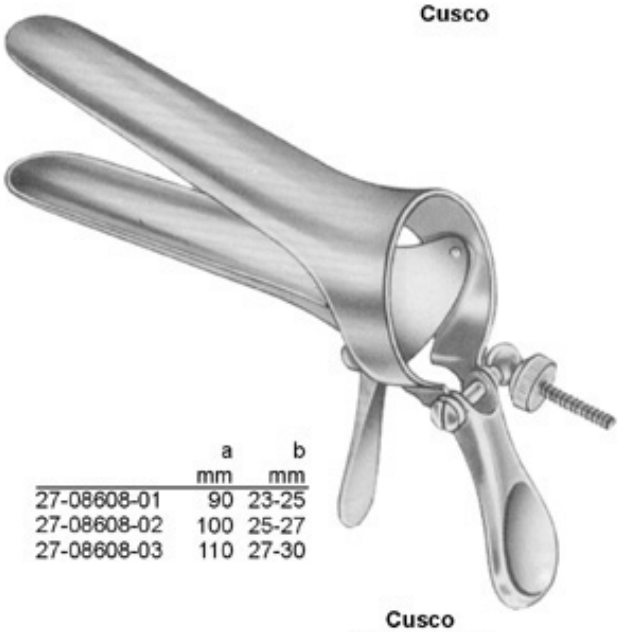
For Virgins	a mm	b mm
27-08600-00	75	17

Cusco



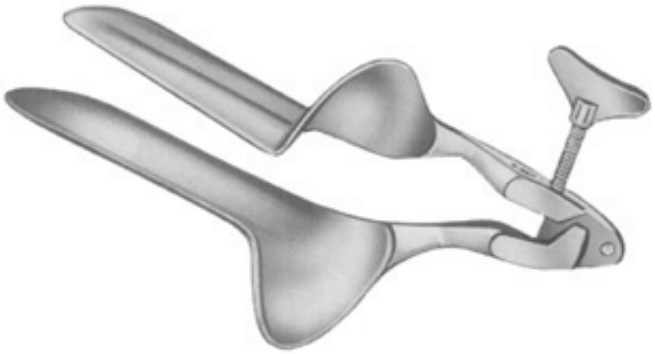
For Virgins	a mm	b mm
27-08604-00	75	17

Cusco



	a mm	b mm
27-08608-01	90	23-25
27-08608-02	100	25-27
27-08608-03	110	27-30

Cusco
Swiss Pattern



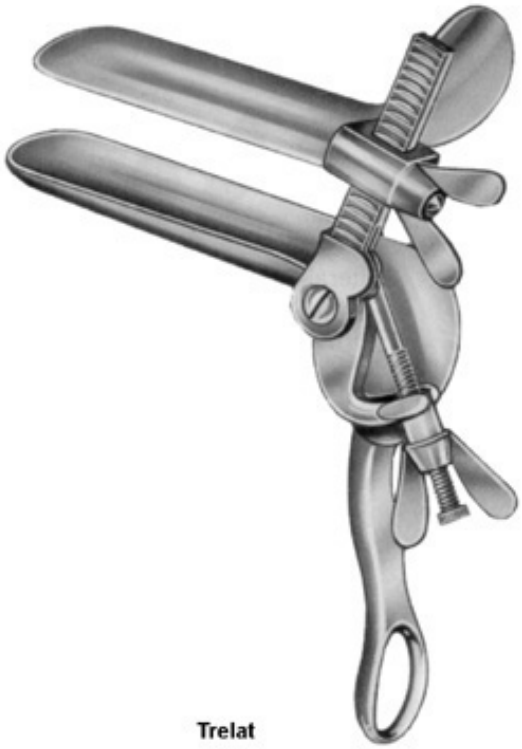
Collin-Landau

	a mm	b mm
27-08612-01	85	30
27-08612-02	100	35
27-08612-03	110	40



Collin

	a mm	b mm
27-08616-01	85	30
27-08616-02	100	35
27-08616-03	110	40



Trelat

	a mm	b mm
27-08620-01	85	33
27-08620-02	95	35
27-08620-03	115	43



Grave (Standard)

	a mm	b mm
27-08624-01	75	20
27-08624-02	95	30
27-08624-03	115	35
27-08624-04	125	35



Grave	a mm	b mm
27-08628-01	75	20
27-08628-02	95	30
27-08628-03	115	35



Grave Angled 135°	a mm	b mm
27-08632-00	101	35



Grave
Right Side open

Grave
Right Side open Angled

		a mm	b mm
27-08636-01	27-08636-02	101	35

Lateral Specula



27-08640-00



Pederson

	a mm	b mm
27-08644-01	75	13
27-08644-02	100	22
27-08644-03	120	25



Semm

	a mm	b mm
27-08648-01	90	14/18
27-08648-02	100	17/20
27-08648-03	100	25/30



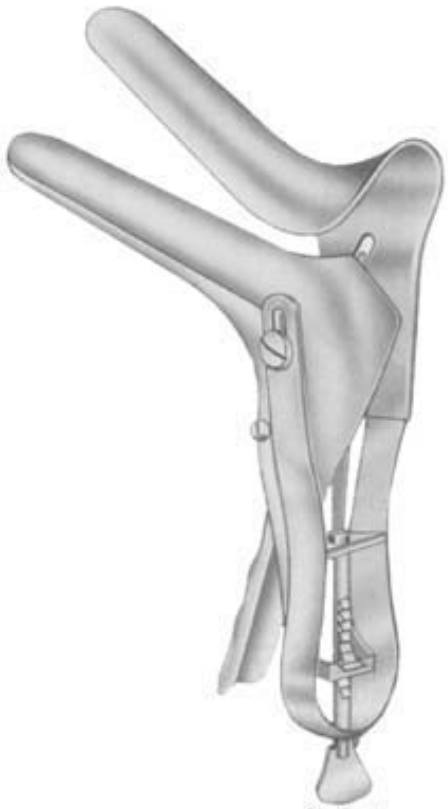
Nott

	a mm	b mm
27-08652-01	90	30
27-08652-02	110	30



Seyffert

	a mm	b mm
27-08656-01	100	17
27-08656-02	110	33

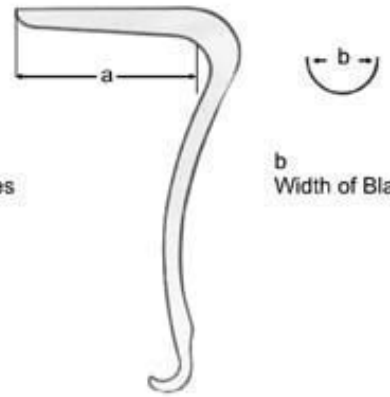


One Side open

Seyffert

	a mm	b mm
27-08658-02	110	33

Scheme of Dimensions for Specula



a
Length of Blades

b
Width of Blades



Sims

27-08662-01 63 x 32 mm
27-08662-02 76 x 32 mm
27-08662-03 89 x 38 mm



Sims

	Fig	a mm	b mm
27-08666-01	1	60	25+30
27-08666-02	2	70	30+35
27-08666-03	3	80	35+40



Jackson

	Fig.	a mm	b mm
27-08670-01	1	75 X 40	
27-08670-02	2	90 X 40	
27-08670-03	3	100 X 40	



Eastman

	Fig.	a mm	b mm
27-08674-01	1	76	38
27-08674-02	2	89	38
27-08674-03	3	101	38

For children



Set

Kristeller
27-08678-00
70x15 mm

Specula



Retractor

Kristeller
(Standard)

Set of 1 specula and 1 retractor

Fig. 1 27-08682-00
Fig. 2 27-08684-00
Fig. 3 27-08686-00

Specula

	Fig.	a mm	b mm
27-08682-01	1	70	27
27-07684-01	2	75	30
27-07686-01	3	90	36

Retractors

	Fig.	a mm	b mm
27-08682-02	1	75	23
27-07684-02	2	80	26
27-07686-02	3	95	32



With conically shaped blades for virgins

Kristeller

Set of 1 specula and 1 retractor

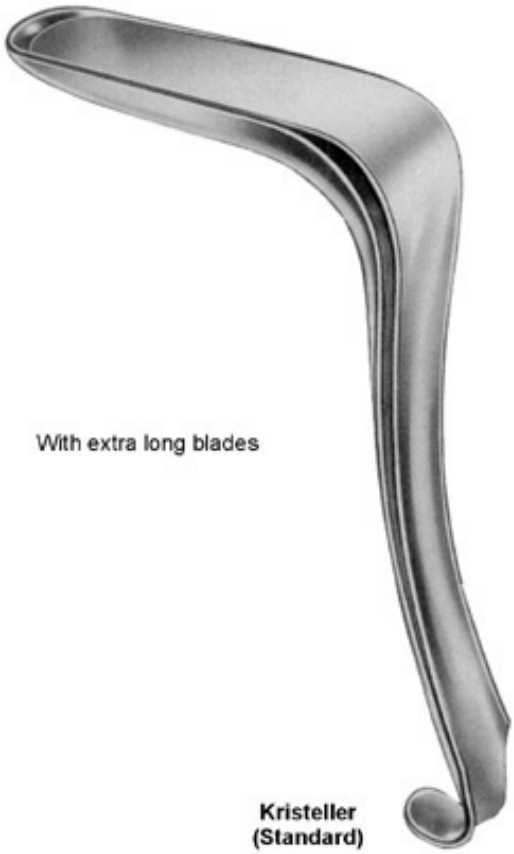
Fig. 00 27-08690-00
Fig. 0 27-08692-00

Specula

	Fig.	a	b
		mm	mm
27-08690-01	00	110	18
27-08692-01	0	110	21

Retractors

	Fig.	a	b
		mm	mm
27-08690-02	00	115	14
27-08692-02	0	115	17



With extra long blades

Kristeller (Standard)

Set of 1 specula and 1 retractor

Fig. 1 27-08696-00
Fig. 2 27-08698-00
Fig. 3 27-08700-00

Specula

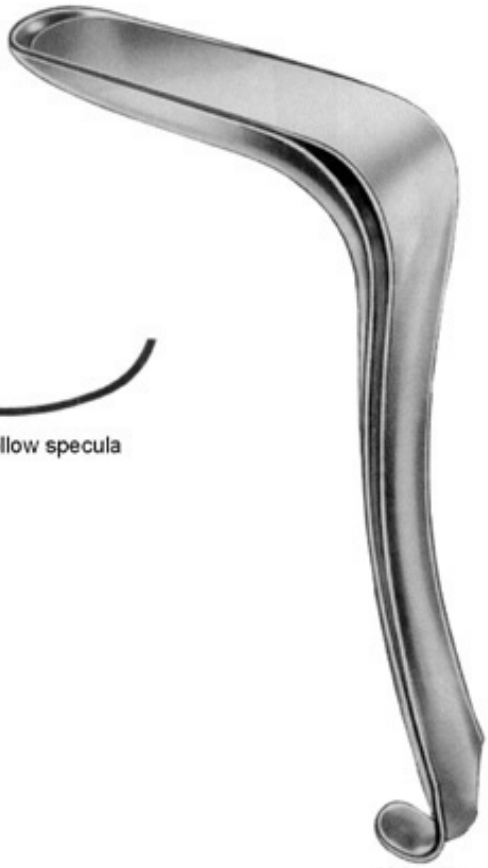
	Fig.	a	b
		mm	mm
27-08696-01	1	110	27
27-08698-01	2	110	30
27-08700-01	3	110	36

Retractors

	Fig.	a	b
		mm	mm
27-08696-02	1	115	23
27-08698-02	2	115	26
27-08700-02	3	115	32



With flat hollow specula



Kristeller

Set of 1 specula and 1 retractor

Fig. 1 27-08704-00
Fig. 2 27-08706-00
Fig. 3 27-08708-00

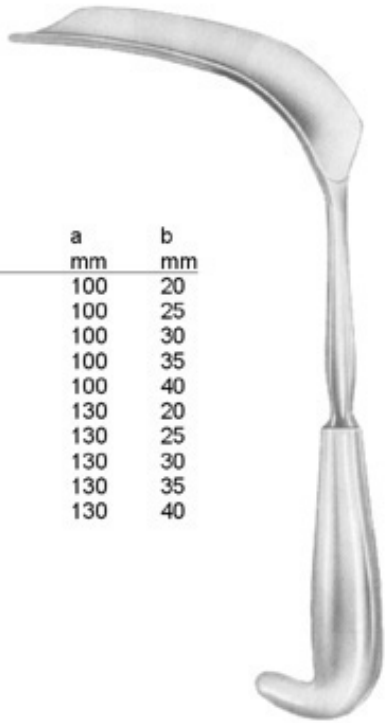
Specula

	Fig.	a	b
		mm	mm
27-08704-01	1	110	27
27-08706-01	2	110	30
27-08708-01	3	110	36

Retractors

	Fig.	a	b
		mm	mm
27-08704-02	1	115	23
27-08706-02	2	115	26
27-07808-02	3	115	32

	a	b
	mm	mm
27-08712-20	100	20
27-08712-25	100	25
27-08712-30	100	30
27-08712-35	100	35
27-08712-40	100	40
27-08714-20	130	20
27-08714-25	130	25
27-08714-30	130	30
27-08714-35	130	35
27-08714-40	130	40



Matzenauer



Braun
27-08718-18
18 cm/7"
56x13 mm



Braun
27-08722-18
18 cm/7"
60x10 mm



Ulrich
27-08726-19
19.5 cm/7½"
80x20 mm



27-08730-19
19 cm/7½"
85x17 mm



Set

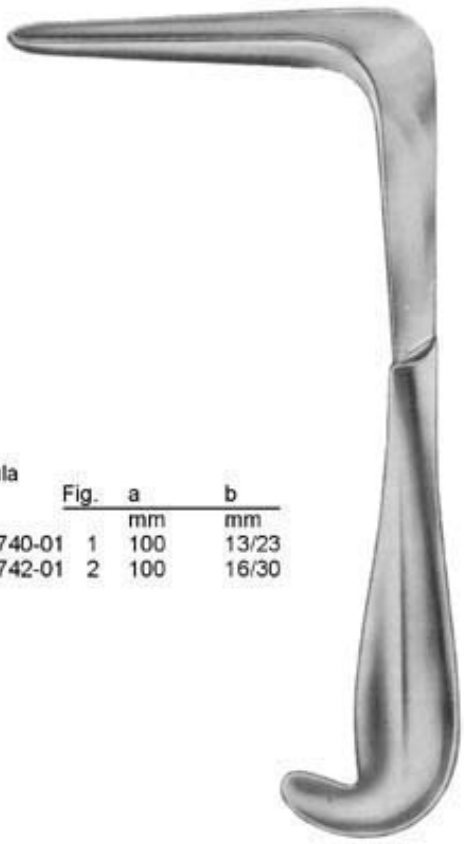
27-08734-00	Fig. 1
27-08736-00	Fig. 2

Specula

	Fig.	a	b
		mm	mm
27-08734-01	1	70	40
27-08736-01	2	90	40

Retractors

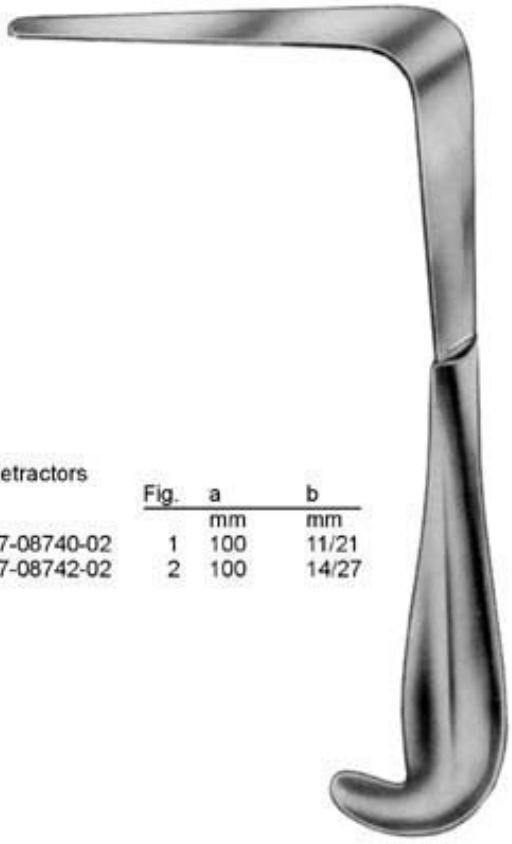
	Fig.	a	b
		mm	mm
27-08734-02	1	70	33
27-08736-02	2	90	33



Specula

	Fig.	a	b
		mm	mm
27-08740-01	1	100	13/23
27-08742-01	2	100	16/30

Mathieu



Retractors

	Fig.	a	b
		mm	mm
27-08740-02	1	100	11/21
27-08742-02	2	100	14/27

Mathieu

Set

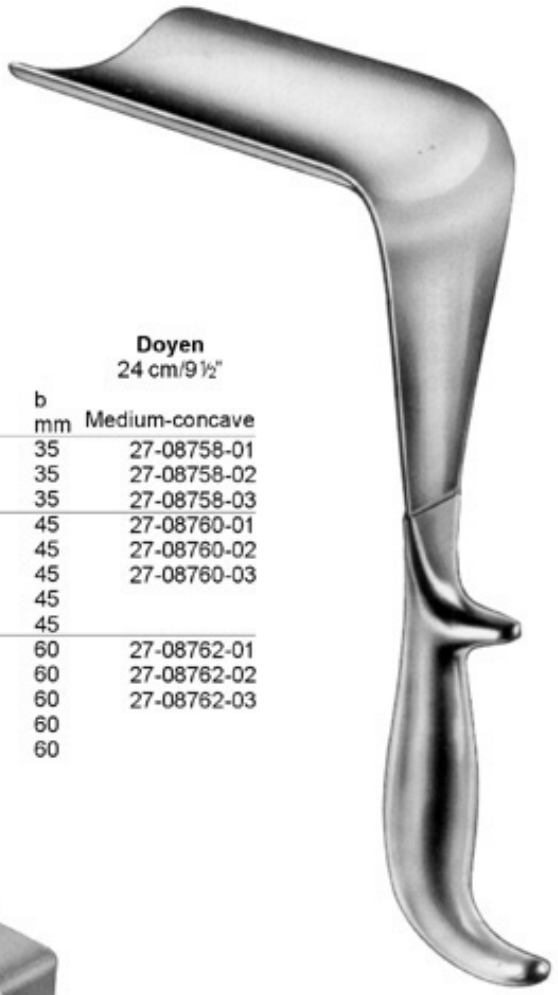
Fig. 1 27-08740-00
Fig. 2 27-08742-00



	Fig.	a	b
		mm	mm
27-08746-01	1	75	45
27-08746-02	2	90	45
27-08746-03	3	110	45

Doyen





Doyen
24 cm/9½"

slightly-concave	Fig.	a mm	b mm	Medium-concave
27-08750-01	1	55	35	27-08758-01
27-08750-02	2	85	35	27-08758-02
27-08750-03	3	115	35	27-08758-03
27-08752-01	1	55	45	27-08760-01
27-08752-02	2	85	45	27-08760-02
27-08752-03	3	115	45	27-08760-03
27-08752-04	4	160	45	
27-08752-05	5	180	45	
27-08754-01	1	55	60	27-08762-01
27-08754-02	2	85	60	27-08762-02
27-08754-03	3	115	60	27-08762-03
27-08754-04	4	160	60	
27-08754-05	5	180	60	

Doyen
24 cm/9½"



Doyen
25 cm/10"

	a mm	b mm
27-08766-01	60	30
27-08766-02	70	30
27-08766-03	80	30



Auvard
with removable weight
27-08770-01
80x38 mm
27-08770-02
105x42 mm



Auvard
with fixed weight
27-08772-01
70x38 mm
27-08772-02
102x45 mm



Landau

	a mm	b mm
27-08776-01	100	28
27-08776-02	100	38



Breisky

	a mm	b mm
27-08780-20	100	20
27-08780-25	100	25
27-08780-30	100	30
27-08780-35	100	35
27-08780-40	100	40
27-08782-20	130	20
27-08782-25	130	25
27-08782-30	130	30
27-08782-35	130	35
27-08782-40	130	40
27-08784-20	160	20
27-08784-25	160	25
27-08784-30	160	30
27-08784-35	160	35
27-08784-40	160	40
27-08786-20	180	20
27-08786-25	180	25
27-08786-30	180	30
27-08786-35	180	35
27-08786-40	180	40



Scherbak
27-08790-00
Complete



27-08790-01
80x30 mm



27-08790-02
85x35 mm



27-08790-03
90x40 mm



27-08790-04
55x40/60 mm



27-08790-05
70x45/70 mm



O'Sullivan-O'Connor
27-08794-00
Complete



	Fig.	a mm	b mm
27-08794-01	1	45	17
27-08794-02	2	90	37
27-08794-03	3	90	45



Hegar

mm O		mm O	
1.0	27-08798-01	1.5	27-08800-01
2.0	27-08798-02	2.5	27-08800-02
3.0	27-08798-03	3.5	27-08800-03
4.0	27-08798-04	4.5	27-08800-04
5.0	27-08798-05	5.5	27-08800-05
6.0	27-08798-06	6.5	27-08800-06
7.0	27-08798-07	7.5	27-08800-07
8.0	27-08798-08	8.5	27-08800-08
9.0	27-08798-09	9.5	27-08800-09
10.0	27-08798-10	10.5	27-08800-10
11.0	27-08798-11	11.5	27-08800-11
12.0	27-08798-12	12.5	27-08800-12
13.0	27-08798-13	13.5	27-08800-13
14.0	27-08798-14	14.5	27-08800-14
15.0	27-08798-15	15.5	27-08800-15
16.0	27-08798-16	16.5	27-08800-16
17.0	27-08798-17	17.5	27-08800-17
18.0	27-08798-18	18.5	27-08800-18
19.0	27-08798-19	19.5	27-08800-19
20.0	27-08798-20		
21.0	27-08798-21		
22.0	27-08798-22		
23.0	27-08798-23		
24.0	27-08798-24		
25.0	27-08798-25		
26.0	27-08798-26		
27.0	27-08798-27		
28.0	27-08798-28		
29.0	27-08798-29		
30.0	27-08798-30		

Pieces per set		set
27-08798-50	14	4.0-17.0 mm
27-08798-60	26	1.0-26.0 mm



Hegar

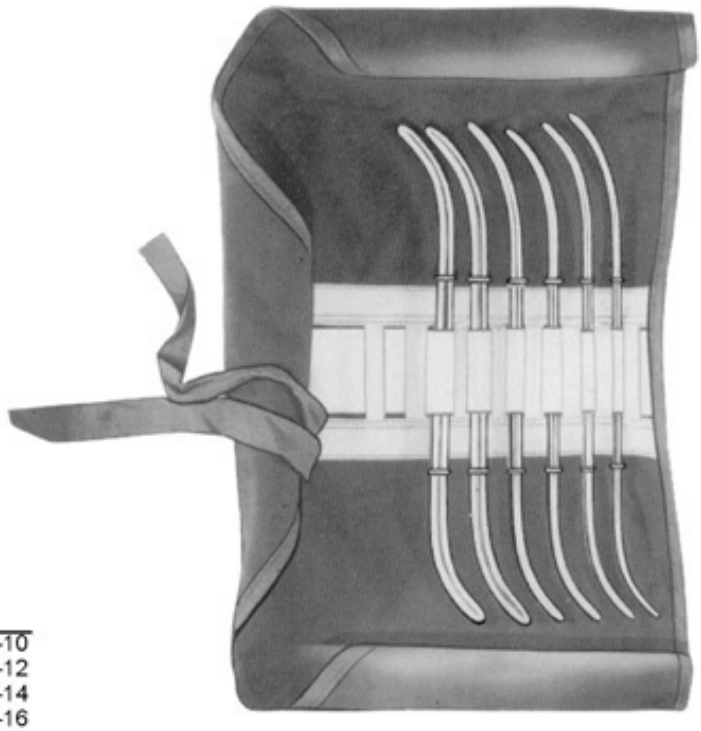
O mm	
1.0/2.0	27-08804-02
3.0/4.0	27-08804-04
5.0/6.0	27-08804-06
7.0/8.0	27-08804-08
9.0/10.0	27-08804-10
11.0/12.0	27-08804-12
13.0/14.0	27-08804-14
15.0/16.0	27-08804-16
17.0/18.0	27-08804-18
19.0/20.0	27-08804-20
21.0/22.0	27-08804-22
23.0/24.0	27-08804-24
25.0/26.0	27-08804-26

Pieces per set		set
27-08804-00	08	3.0/4.0-17.0/18.0 mm
27-08806-00	13	1.0/2.0-25.0/26.0 mm



Hank
27-08810-00

Fig.	mm	
9/10	4.5/5	27-08810-10
11/12	5.5/6	27-08810-12
13/14	6.5/7	27-08810-14
15/16	7.5/8	27-08810-16
17/18	8.5/9	27-08810-18
19/20	9.5/10	27-08810-20

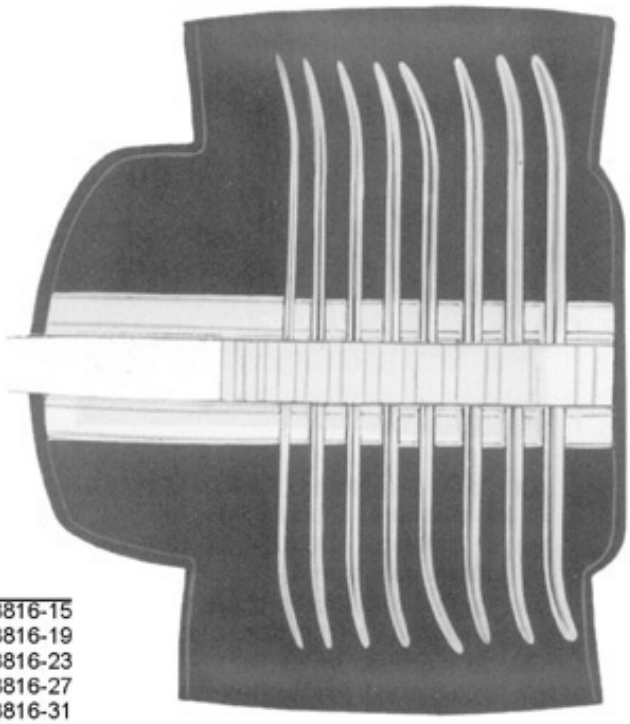


Set
27-08810-00



Pratt

Fig.	mm	
13/15	4.5/5.0	27-08816-15
17/19	5.6/6.3	27-08816-19
21/23	7.0/7.6	27-08816-23
25/27	8.3/9.0	27-08816-27
29/31	9.6/10.3	27-08816-31
33/35	11.0/11.6	27-08816-35
37/39	12.3/13.0	27-08816-39
41/43	13.6/14.3	27-08816-43



Set
27-08816-00



Goodell
27-08820-34
34 cm/13½"

Black Insulated





27-08822-28



27-08824-28

Kogan-Laser
28 cm/11"



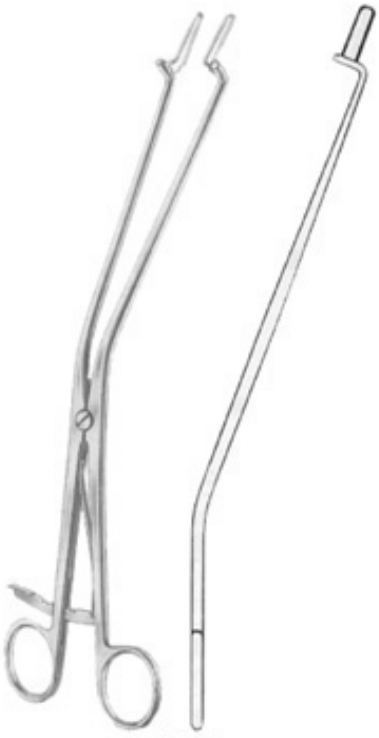
27-08826-28
28 cm/11"



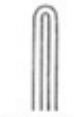
Kogan
27-08830-24
24 cm/9½"



Kogan
27-08832-24
24 cm/9½"



Kogan
28 cm/11"



27-08836-28



27-08838-28

Uterine Depressor



Sims
32 cm/12½"



Martin (Simpson)
32 cm/12½"



Valleix
27-08858-25
25 cm/10"



Collin
27-08862-28
28 cm/11"



Braun
27-08866-28
28 cm/11"

Rigid	cm	cm
	27-08842-32	27-08850-32

Malleable	cm / in	cm / in
	27-08844-32	27-08852-32
	27-08846-32	27-08854-32

Laser Probes





90°

27-08870-01



45°

27-08870-02



27-08870-03

20°

Measuring Probe



27-08872-01

Laser Probe





90°

27-08874-01



45°

27-08874-02



20°

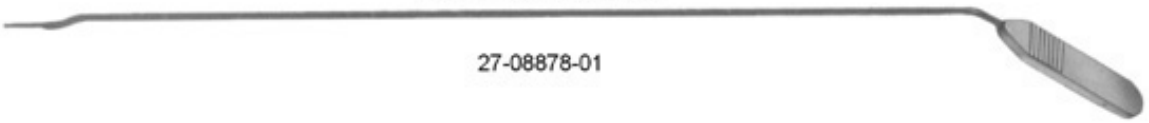
27-08874-03

Depth Ruler

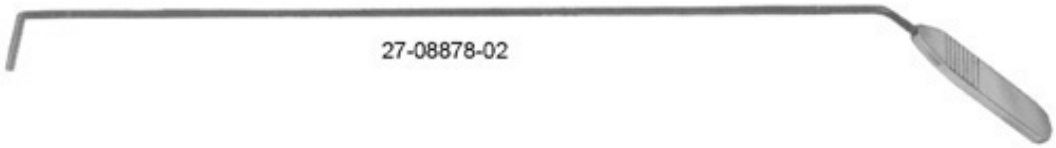


27-08876-01

Measuring Instruments



27-08878-01



27-08878-02

Hooks



27-08880-01



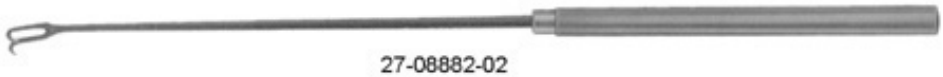
27-08880-02 **Emmet**



27-08880-03



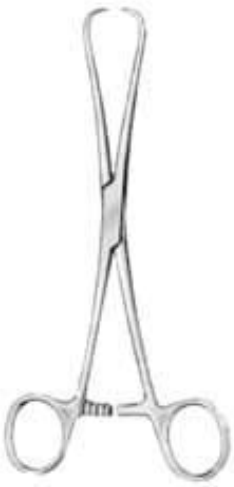
27-08882-01



27-08882-02



Martin
27-08886-27
27 cm/10½"



Staude-Moore
27-08890-17
17 cm/6¾"



Barrett
27-08894-18
18 cm/7"



Schroeder
27-08898-25
25 cm/10"



Braun
27-08902-25
25 cm/10"



Collin-Pozzi
27-08906-25
25 cm/10"



Pozzi
27-08910-25
25.5 cm/10¼"

Strong Pattern



Duplay
27-08914-28
28 cm/11"



Skene
27-08918-24
24 cm/9½"



Beacham
27-08922-26
26 cm/10¼"

Amniotome for the amnion Bladder



Czerny
27-08926-20
20.5 cm/8¼"



27-08930-26
26 cm/10¼"



Schroeder
27-08934-20 20 cm/8"
27-08934-24 24 cm/9½"

Straight



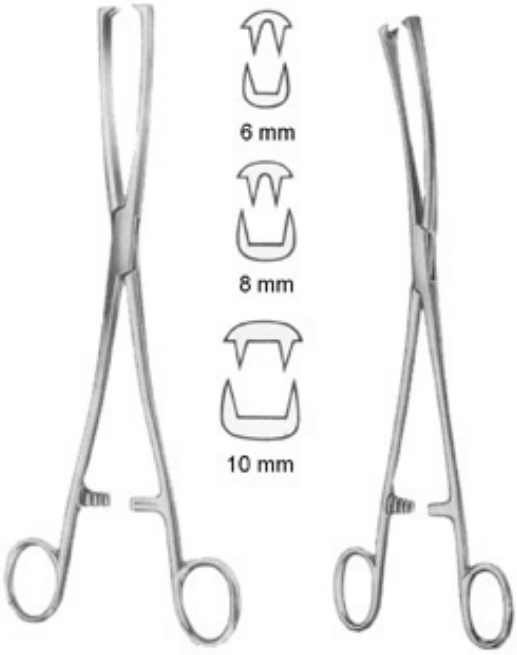
Schroeder
27-08936-20
27-08936-24

Curved on Flat



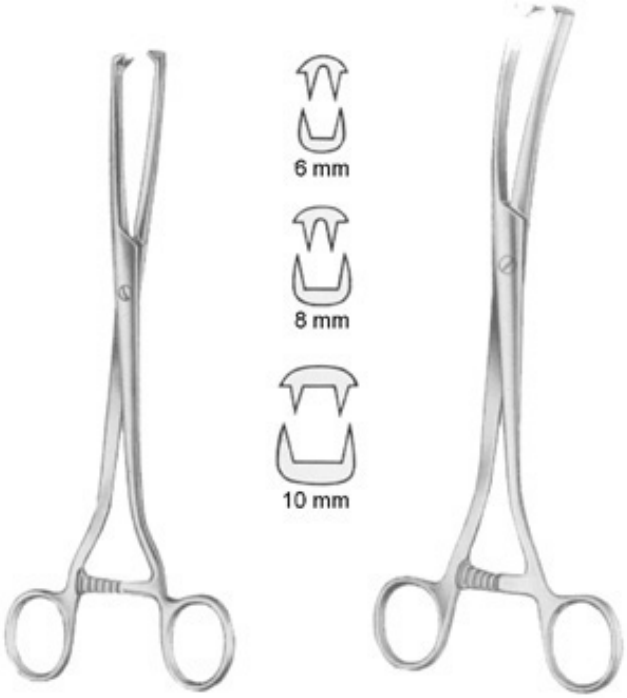
Schroeder
27-08938-20
27-08938-24

Curved Sideway



Museux

Straight	24 cm/9½"	Curved Sideway
27-08942-06	06 mm	27-08944-06
27-08942-08	08 mm	27-08944-08
27-08942-10	10 mm	27-08944-10



Museux

Straight	24 cm/9½"	Curved Sideway
27-08948-06	06 mm	27-08952-06
27-08948-08	08 mm	27-08952-08
27-08948-10	10 mm	27-08952-10



Braun
27-08956-16
16 cm/6¼"



Pratt
27-08960-28
28 cm/11"



Teale
27-08964-24
24 cm/9½"



For the amnion Bladder

Iowa
27-08968-26
26 cm/10¼"



Jacobs

Straight
27-08972-21

21 cm/8¼"

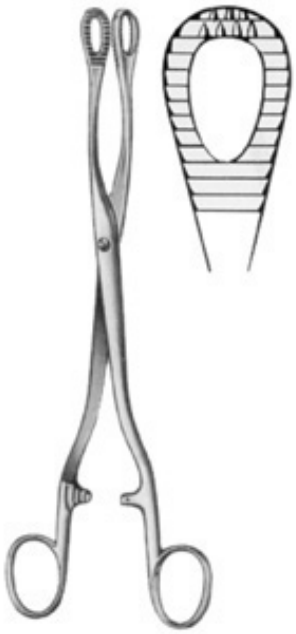
Curved Sideway
27-08974-21



Kelly
27-08978-32
32 cm/12½"



Heywood-Smith
27-08982-20
20 cm/8"



Heywood-Smith
27-08986-25
25 cm/10"



Noto
27-08990-27
27 cm/10½"



Dartigues
27-08994-27
27 cm/10½"



Somer
27-08998-23
23 cm/9"



Collin
27-09002-25
25 cm/10"



Doyen
27-09006-18 18 cm/7"
27-09006-20 20 cm/8"

Ovarian Forceps



Ayre
27-09010-23
23 cm/9"



Simon
27-09014-22
22 cm/8¾"



Simon
27-09016-22
22 cm/8¾"



Emmet
22 cm/8¾"



27-09020-01



27-09020-02



27-09020-03



27-09020-04



27-09020-05



Doyen
27-09024-17
17 cm/6¾"



Doyen
27-09026-17
17 cm/6¾"



Segond
27-09030-27
27 cm/10½"

Secretion Spoon



27-09034-27
27 cm/10½"



Muenchen
27 cm/10½"



27-09038-04
4 mm



27-09038-05
5 mm



4 mm O

Randall
27-09042-24
24 cm/9½"



27-09046-01
1 mm
27-09046-02
2 mm
27-09046-03
3 mm
27-09046-04
4 mm

Novak
23 cm/9"



Novak-Schoeckaert
27-09050-24
24 cm/9"



Kevorkian malleable
27-09054-30 27-09056-30
30 cm/12" 30 cm/12"



Kevorkian malleable
27-09060-30 27-09062-30
30 cm/12" 30 cm/12"



Townsend malleable
27-09066-30 27-09068-30
31 cm/12¼" 31 cm/12¼"



Duncan
27-09072-31
31 cm/12¼"



Duncan
27-09074-31
31 cm/12¼"



Gellhorn
27-09078-23
23 cm/9"



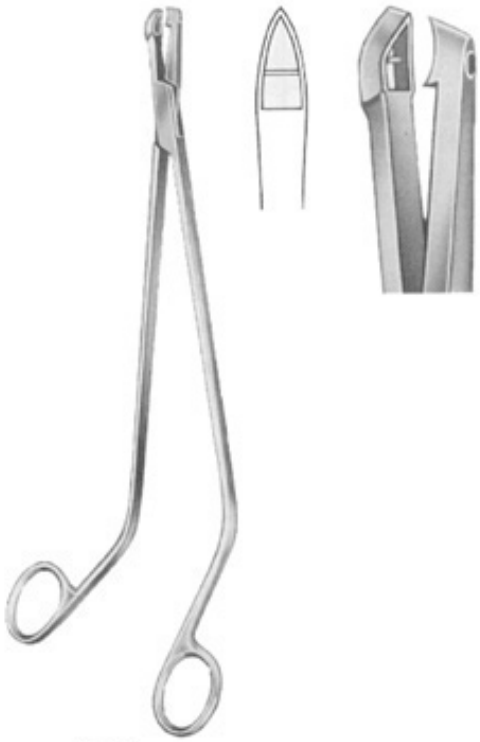
Thoms-Gaylor
27-09082-24
24 cm/9½"



Schubert
27-09086-21 21 cm/8¼"
27-09086-29 29 cm/11¼"



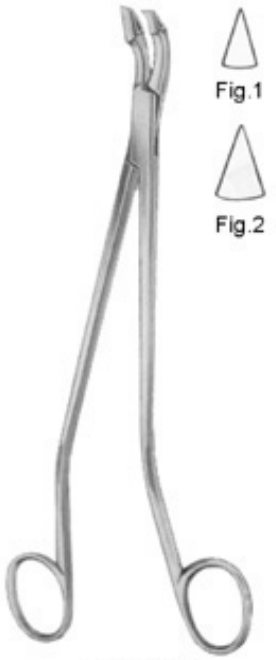
Schubert
27-09090-26
26 cm/10¼"



Tischler
27-09094-27
27 cm/10½"



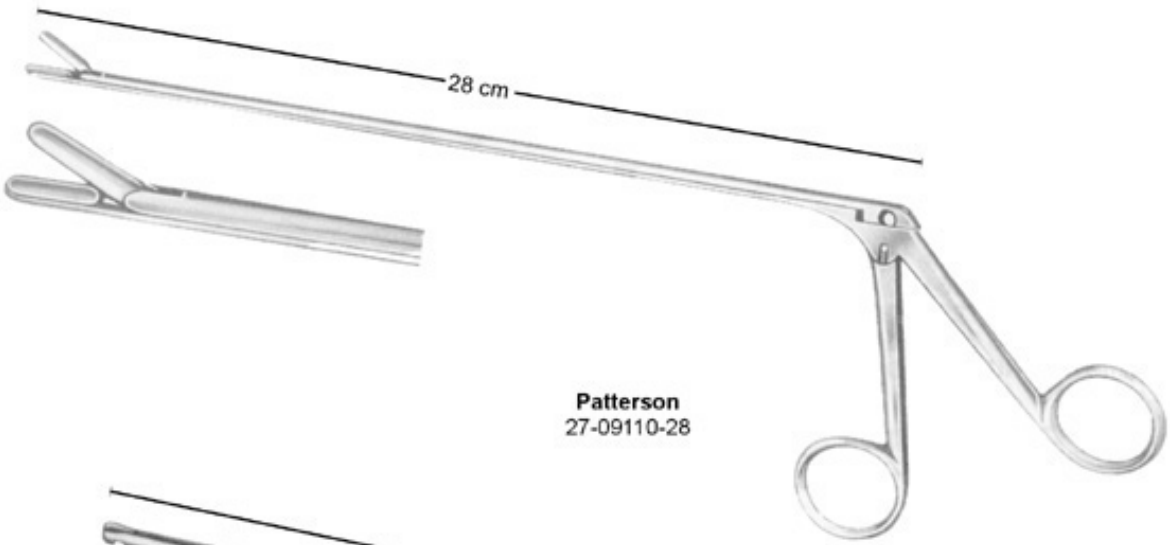
Van Doren
27-09098-25
25 cm/10"



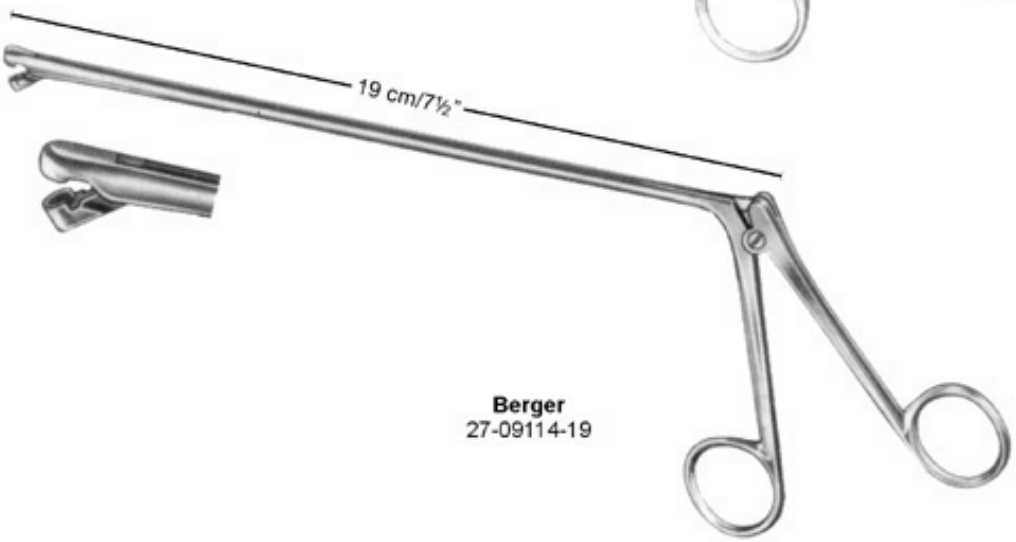
Schumacher
Fig. 1 27-09102-01 24 cm/9½"
Fig. 2 27-09102-02 24 cm/9½"



Faure
27-09106-21
21 cm/8¼"



Patterson
27-09110-28



Berger
27-09114-19



27-09118-20 L= 20 cm/8"
27-09118-25 L= 25 cm/10"
27-09118-30 L= 30 cm/12"
27-09118-35 L= 35 cm/14"
27-09118-40 L= 40 cm/16"



Douay

L =24 cm/9½"



Schumacher

27-09124-04 4 mm
27-09124-06 6 mm

L =24 cm/9½"



Kevorkian

27-09128-24

L = 20 cm/8"



Eppendorf

27-09122-20

L = 23 cm/9"



Wittner

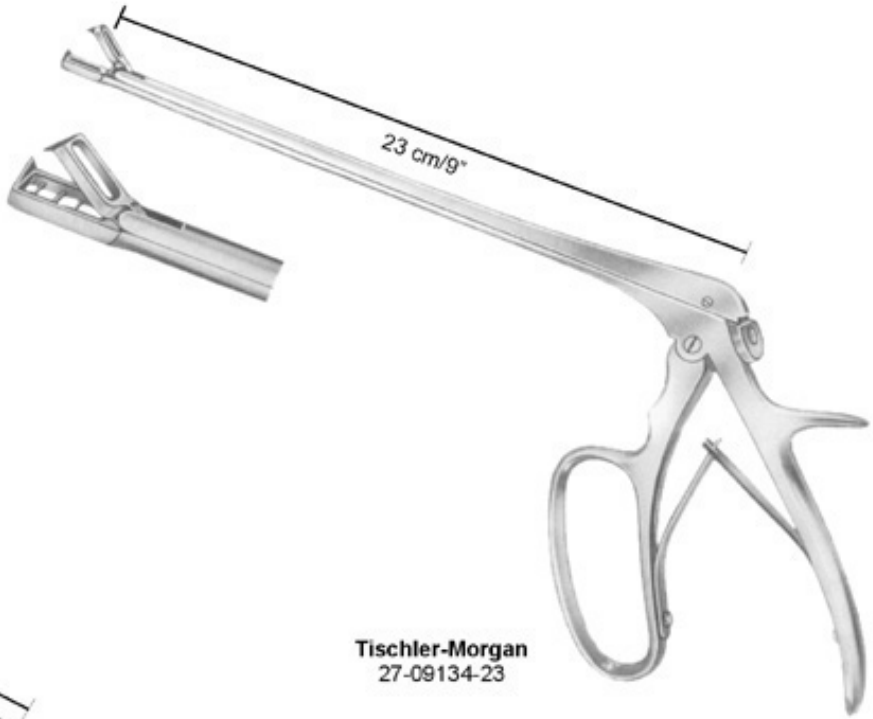
27-09126-23

L = 23 cm/9"



Wittner

27-09130-23



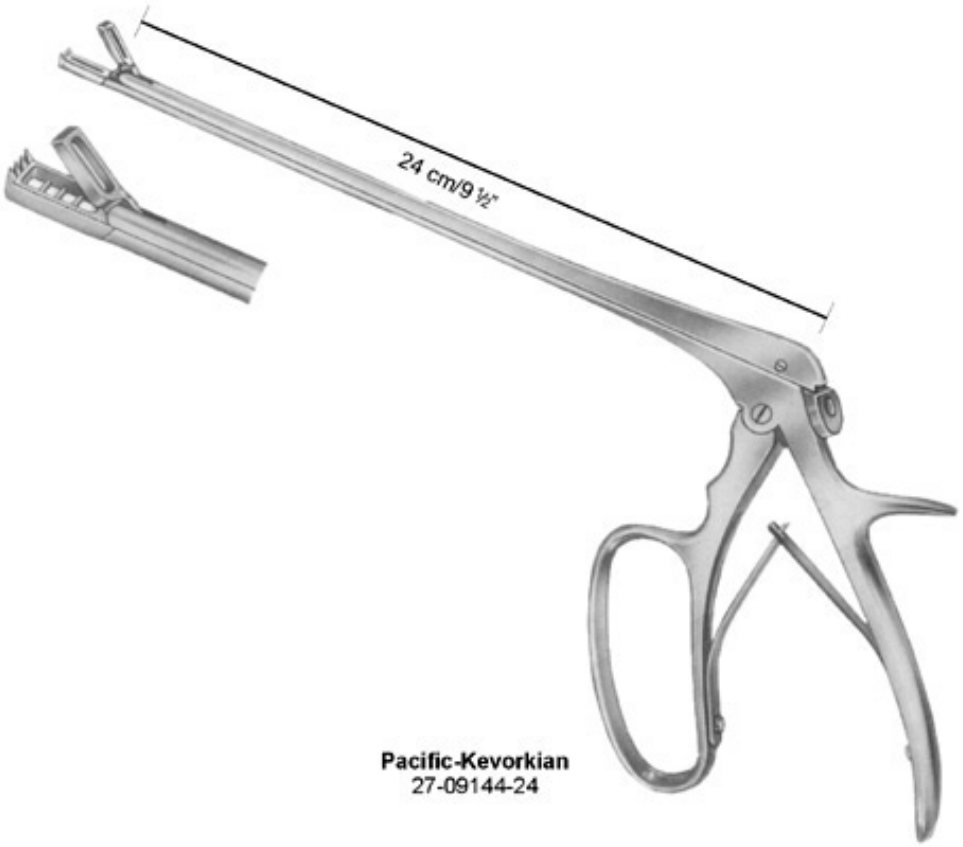
Tischler-Morgan
27-09134-23



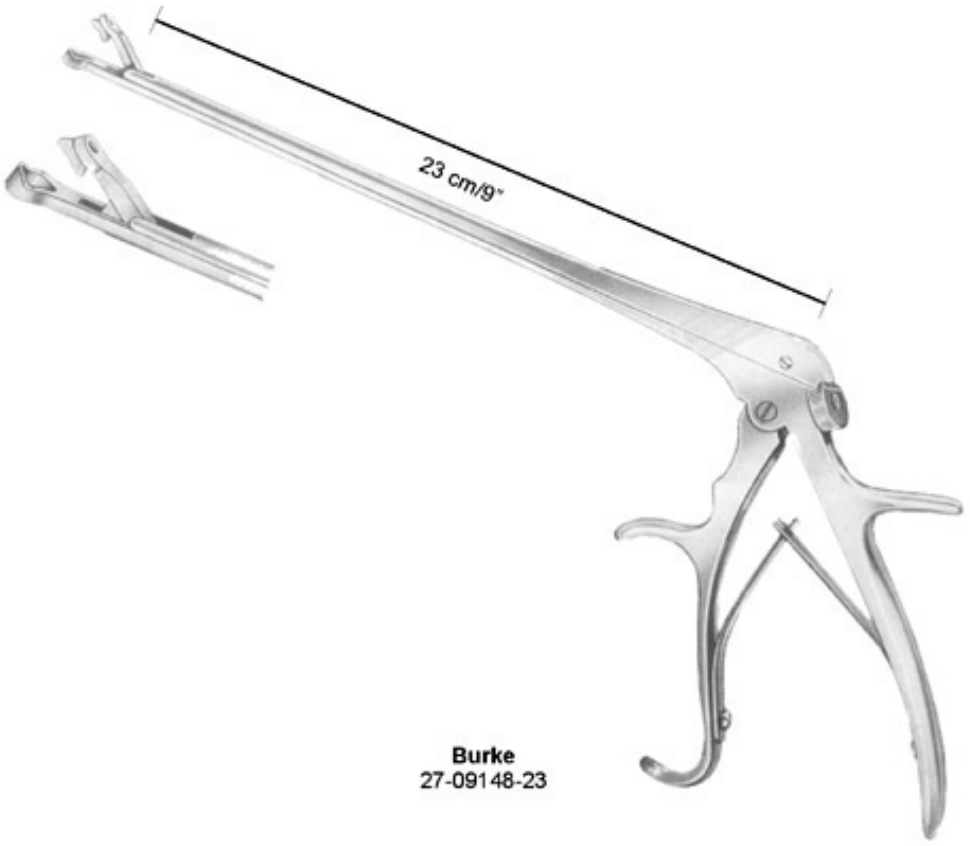
Baby-Tischler
27-09136-21



Alexander
27-09140-28



Pacific-Kevorkian
27-09144-24



Burke
27-09148-23

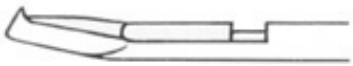
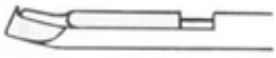


Handle

Townsend



Tip with tube

		Complete instrument	Tip, only
	**Tischier**	27-09152-00	27-09152-01
	**Kevorkian**	27-09154-00	27-09154-01
	**Mini-Townsend**	27-09156-00	27-09156-01
 	**Tischler-up**	27-09158-00	27-09158-01
 	**Tischler-down**	27-09160-00	27-09160-01
 	**Mini-Townsend-up**	27-09162-00	27-09162-01
 	**Mini-Townsend-down**	27-09164-00	27-09164-01



Schroeder
30 cm/12"

Sharp Rigid



Fig. 1
Schroeder 27-09168-01
Simon 27-09170-01



Fig. 2
27-09168-02
27-09170-02



Fig. 3
27-09168-03
27-09170-03



Fig. 4
Schroeder 27-09168-04
Simon 27-09170-04



Fig. 5
27-09168-05
27-09170-05



Fig. 6
27-09168-06
27-09170-06



Simon
25 cm/10"



Gourdet
28 cm/11"



Fig. 1
27-09174-01
6 mm



Fig. 2
27-09174-02
8 mm



Fig. 3
27-09174-03
10 mm



Fig. 4
27-09174-04
12 mm



Fig. 5
27-09174-05
14 mm



Thomas



Fig. 1
27-09177-01



Fig. 2
27-09177-02



Fig. 3
27-09177-03



Fig. 4
27-09177-04



Fig. 5
27-09177-05



Fig. 6
27-09177-06



Greene

27-09180-10
10 mm

27-09180-12
12 mm

27-09180-14
14 mm



Collin
27-09184-30
30 cm/12"



Heaney
27-09188-24
24 cm/9½"



Heaney
27-09192-24
24 cm/9½"



Milan
28.5 cm/11¼"







Malleable	27-09196-05 5 mm Ø	27-09196-07 7 mm Ø	27-09196-09 9 mm Ø
Rigid	27-09198-05 5 mm Ø	27-09198-07 7 mm Ø	27-09198-09 9 mm Ø



28 cm/11"

	Ø
27-09202-04	4.0 mm
27-09202-06	6.0 mm
27-09202-08	8.0 mm
27-09202-10	10.0 mm
27-09202-12	12.0 mm
27-09202-14	14.0 mm
27-09202-16	16.0 mm

Hose Connecting Piece



27-09206-00



Sims
25 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

	Malleable		Rigid	
	Sharp	Blunt	Sharp	Blunt
Fig. 1	27-09210-01	27-09211-01	27-09214-01	27-09215-01
Fig. 2	27-09210-02	27-09211-02	27-09214-02	27-09215-02
Fig. 3	27-09210-03	27-09211-03	27-09214-03	27-09215-03
Fig. 4	27-09210-04	27-09211-04	27-09214-04	27-09215-04
Fig. 5	27-09210-05	27-09211-05	27-09214-05	27-09215-05
Fig. 6	27-09210-06	27-09211-06	27-09214-06	27-09215-06

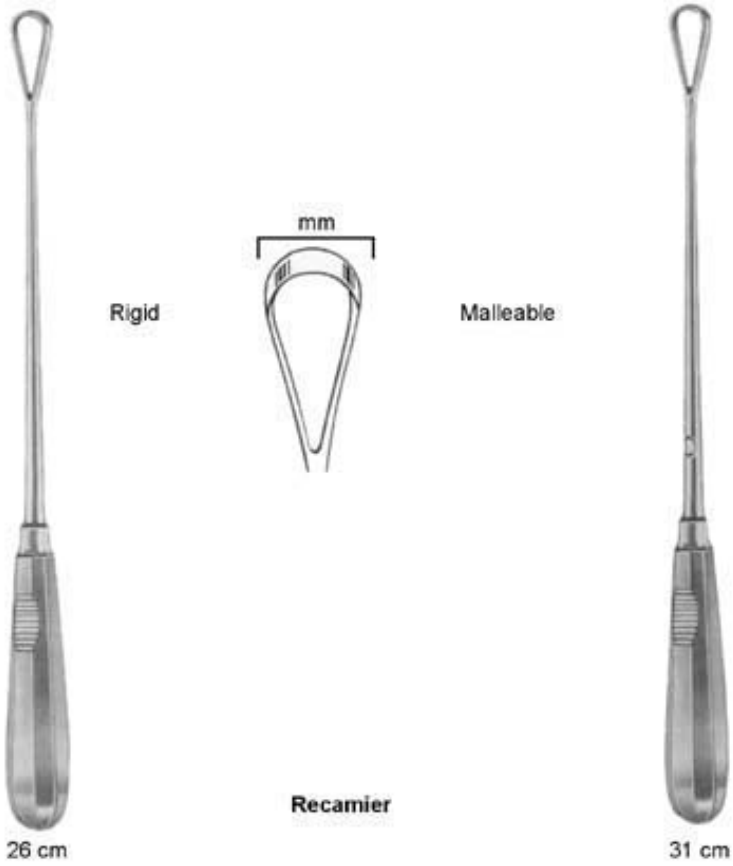


Sims
25 cm/10"



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

	Malleable		Rigid	
	Sharp	Blunt	Sharp	Blunt
Fig. 1	27-09218-01	27-09219-01	27-09222-01	27-09223-01
Fig. 2	27-09218-02	27-09219-02	27-09222-02	27-09223-02
Fig. 3	27-09218-03	27-09219-03	27-09222-03	27-09223-03
Fig. 4	27-09218-04	27-09219-04	27-09222-04	27-09223-04
Fig. 5	27-09218-05	27-09219-05	27-09222-05	27-09223-05
Fig. 6	27-09218-06	27-09219-06	27-09222-06	27-09223-06



		Malleable		Rigid		Malleable		Rigid	
		Sharp	Blunt	Sharp	Blunt	Sharp	Blunt	Sharp	Blunt
Fig.	mm								
00	5	27-09226-05	27-09227-05	27-09228-05	27-09229-05	27-09230-05	27-09231-05	27-09232-05	27-09233-05
0	6	27-09226-06	27-09227-06	27-09228-06	27-09229-06	27-09230-06	27-09231-06	27-09232-06	27-09233-06
1	7	27-09226-07	27-09227-07	27-09228-07	27-09229-07	27-09230-07	27-09231-07	27-09232-07	27-09233-07
2	8	27-09226-08	27-09227-08	27-09228-08	27-09229-08	27-09230-08	27-09231-08	27-09232-08	27-09233-08
3	9	27-09226-09	27-09227-09	27-09228-09	27-09229-09	27-09230-09	27-09231-09	27-09232-09	27-09233-09
4	10	27-09226-11	27-09227-11	27-09228-11	27-09229-11	27-09230-11	27-09231-11	27-09232-11	27-09233-11
5	12	27-09226-12	27-09227-12	27-09228-12	27-09229-12	27-09230-12	27-09231-12	27-09232-12	27-09233-12
6	14	27-09226-14	27-09227-14	27-09228-14	27-09229-14	27-09230-14	27-09231-14	27-09232-14	27-09233-14
7	15	27-09226-15	27-09227-15	27-09228-15	27-09229-15	27-09230-15	27-09231-15	27-09232-15	27-09233-15
8	16	27-09226-16	27-09227-16	27-09228-16	27-09229-16	27-09230-16	27-09231-16	27-09232-16	27-09233-16
9	19	27-09226-19	27-09227-19	27-09228-19	27-09229-19	27-09230-19	27-09231-19	27-09232-19	27-09233-19
10	20	27-09226-20	27-09227-20	27-09228-20	27-09229-20	27-09230-20	27-09231-20	27-09232-20	27-09233-20
11	21	27-09226-21	27-09227-21	27-09228-21	27-09229-21	27-09230-21	27-09231-21	27-09232-21	27-09233-21
12	23	27-09226-23	27-09227-23	27-09228-23	27-09229-23	27-09230-23	27-09231-23	27-09232-23	27-09233-23
13	25					27-09230-25	27-09231-25	27-09232-25	27-09233-25
14	30					27-09230-30	27-09231-30	27-09232-30	27-09233-30
15	35					27-09230-35	27-09231-35	27-09232-35	27-09233-35
16	40					27-09230-40	27-09231-40	27-09232-40	27-09233-40



Bumm
max. 29 cm/11½"

Fig.	mm	Mealleable	
		Sharp	Blunt
0	16.0	27-09236-16	27-09237-16
1	18.0	27-09236-18	27-09237-18
2	19.5	27-09236-19	27-09237-19
3	21.5	27-09236-21	27-09237-21
4	23.5	27-09236-23	27-09237-23
5	26.0	27-09236-26	27-09237-26
6	28.5	27-09236-28	27-09237-28



Blake (Zweifel)
27-09240-27 27 cm/10½"
27-09240-31 31 cm/12¼"



28-09244-45
Laparotomy Ring
1¾" Inside Diameter

For Internal Measurements



De Lee
28-09248-20
20 cm/8"
cm/Inch Scale



Martin
28-09252-34 34 cm/13½" 28-09254-34
cm Scale cm/Inch Scale



Collin
28-09258-35
35 cm/13¾"
cm Scale



Breisky
28-09262-33
33 cm/13"
cm Inch Scale



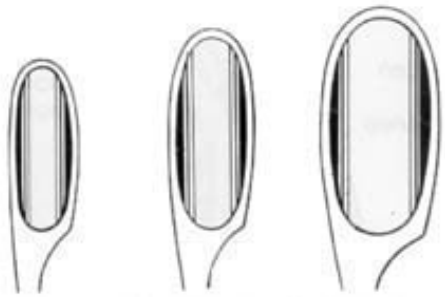
Collyer
28-09266-30
30 cm/12"
cm Inch Scale



Iowa
28-09270-14
14 cm/5½"
Trumpet Needle Guide



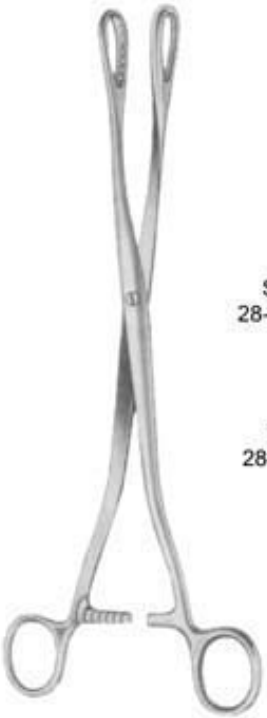
Winter
28 cm/11"



Straight	28-09274-01	28-09274-02	28-09274-03
Curved	28-09275-01	28-09275-02	28-09275-03



Wallich
28-09278-42
42 cm/16¾"



Sanger
21 cm/10½"

Straight
28-09282-27

Curved
28-09283-27

Uterine Haemostasis Forceps



Green-Armytage
28-09286-21
21 cm/8¼"

Scalp Flap Forceps



Gauss
28-09290-26
26 cm/10¼"



Willet-Martel
28-09294-19
19 cm/7½"

Head Lever



Murless
28-09298-26
26 cm/10¼"

Elevating Spoon



Sellheim
28-09302-28
28 cm/11"



Smellie
28-09306-25
25 cm/10"

Perforators



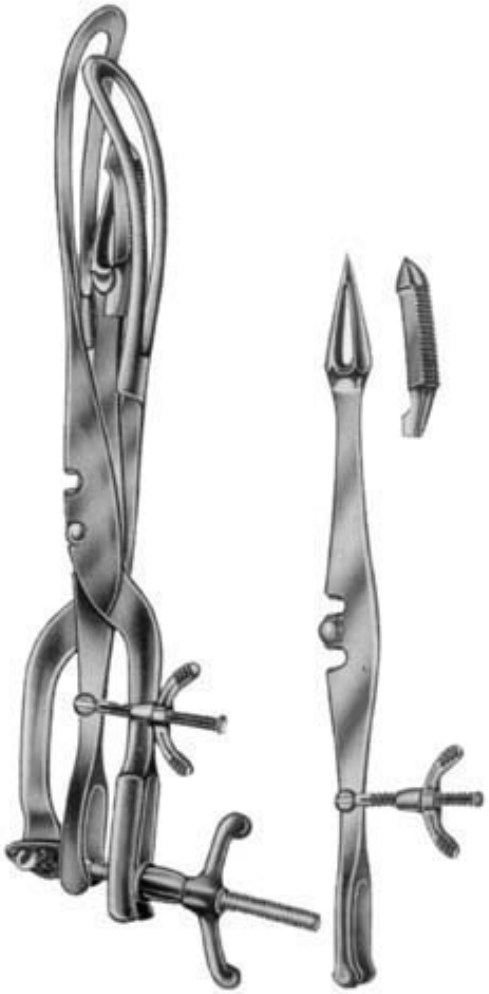
Nagele
28-09310-25
25 cm/10"

Cranioclast



Braun
28-09314-42
42 cm/16½"

Basiotribe



Tarnier
28-09318-46
46 cm/18"



Decapitaiting Hook

Braun
28-09322-30
30 cm/12"



Umbilical Cord Clamps

Collin
28-09326-09
9 cm/3½"



Nagele
28-09330-36 36 cm/14"
28-09330-40 40 cm/16"



Wrigley
28-09334-28
28 cm/11"



Simpson
28-09338-23
23 cm/9"



Simpson
28-09340-30
30 cm/12"



Simpson-Braun
28-09342-36
36 cm/14"



Simpson-Luikart
28-09344-36
36 cm/14"



De Lee
28-09348-30 30 cm/12"
28-09348-36 36 cm/14"

Traction Handles to be
used with all obstetrical
Forceps with Standard type Handles



Bill
28-09350-20



Kielland
28-09352-41
41 cm/16"



Kielland-Luikart
28-09354-40
40 cm/15¾"



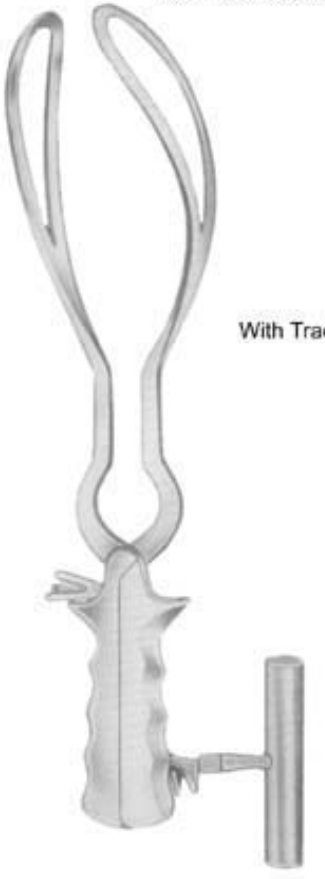
Mclean
28-09358-36
36 cm/14"



Elliot
28-09362-32 32 cm/12½"
28-09362-38 38 cm/15"

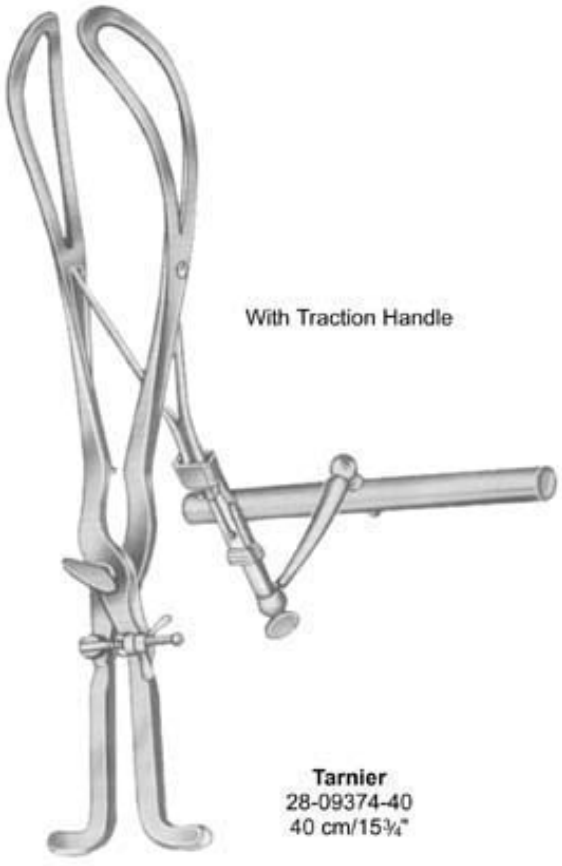


Piper
28-09366-44
44 cm/17¼"



With Traction Handle

Barnes-Neville
28-09370-43
43.5 cm/17"



With Traction Handle

Tarnier
28-09374-40
40 cm/15¾"



Price-Thomas
29-09486-22
22 cm/8¾"



29-09490-24 29-09492-24

Semb
24 cm/9½"

Lung grasping forceps



Lovelace
29-09496-20
20 cm/8"

Lovelace
29-09500-20
20 cm/8"



Fig. 1

Fig. 2

Satinsky
26.5 cm/10½"

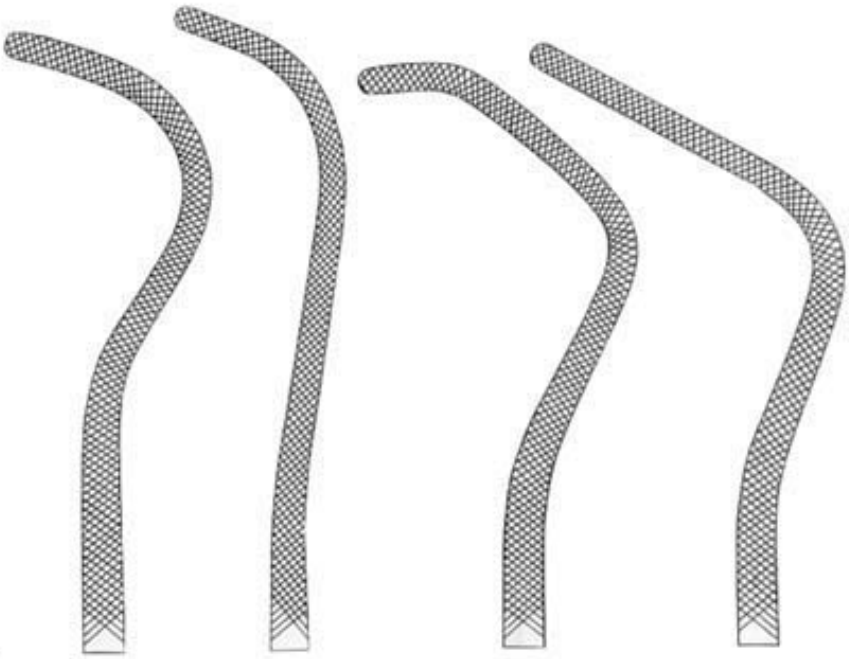
29-09504-01 Fig. 1 29-09508-01
29-09504-02 Fig. 2 29-09508-02



Baby-Satinsky
29-09512-15
15 cm/6"



Harken
24 cm/9½"



29-09516-01 29-09516-02 29-09516-03 29-09516-04

TC

Alrauma tissue forceps



De Bakey

Wide		
29-09520-15	15.0 cm/6"	1.5 mm
29-09520-19	19.5 cm/7½"	1.5 mm
29-09520-24	24.0 cm/9½"	1.5 mm

Atrauma



De Bakey

1.2 mm	2.0 mm	Wide
29-09524-18	29-09526-18	18 cm/7"
29-09524-21	29-09526-21	21 cm/8¼"



Cooley

29-09530-15	15.0 cm/6"
29-09530-19	19.5 cm/7½"
29-09530-24	24.0 cm/9½"



De Bakey

Wide	1.5 mm	2.0 mm	2.7 mm	3.5 mm
16 cm/6¼"	29-09534-16	29-09536-16	29-09538-16	29-09540-16
20 cm/8"	29-09534-20	29-09536-20	29-09538-20	29-09540-20
24 cm/9½"	29-09534-24	29-09536-24	29-09538-24	29-09540-24
30 cm/12"	29-09534-30	29-09536-30	29-09538-30	29-09540-30



De Bakey

Wide 2.0 mm
29-09543-16
29-09543-20
29-09543-24
29-09543-30



Setting forceps

29-09546-23
23 cm/9"

De Bakey





29-09550-07	7.5 cm/3"	29-09551-07
29-09550-08	8.5 cm/3½"	29-09551-08
29-09550-10	10.5 cm/4¼"	29-09551-10
29-09550-12	12.0 cm/4¾"	29-09551-12



29-09554-03
3.5 cm/1½"



29-09555-03
3.5 cm/1½"



29-09558-04
4.5 cm/1¾"



29-09559-04
4.5 cm/1¾"



De-Bakey
29-09562-05
5.0 cm/2"



De-Bakey
29-09563-05
5.0 cm/2"

De Bakey





Glover		Glover
29-09566-06	6 cm/2½"	29-09567-06
29-09566-07	7 cm/2¾"	29-09567-07
29-09566-09	9 cm/3½"	29-09567-09
29-09566-11	11 cm/4½"	29-09567-11



Glover
29-09571-06
5 cm/2"



De Bakey-Satinsky
29-09575-07
7 cm/2¾"

De Bakey



De Bakey-Carotid
29-09579-09
9 cm/3½"

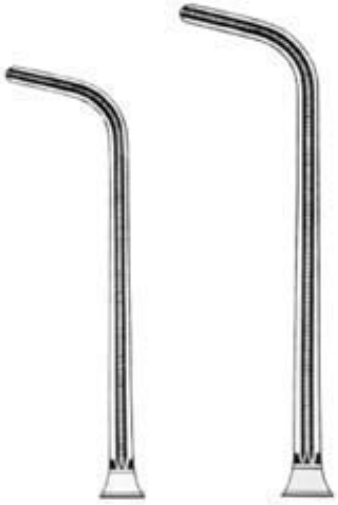


De Bakey-Satinsky
29-09583-10
10 cm/4"



Santulli
29-09587-07
7 cm/2¾"





Gregory-Soft
29-09591-09
9 cm/3½"
29-09593-11
11 cm/4½"

De Bakey

Coarctation Clamps



Potts
(De Bakey)



29-09596-21
21 cm/8¼"



29-09596-22
22 cm/8¾"



Potts
(De Bakey)

29-09599-21
21 cm/8¼"



29-09599-22
22 cm/8¾"



Potts



29-09601-21
21 cm/8¼"



29-09601-22
22 cm/8¾"

Anastomosis Clamps



Glover
(Potts)



29-09605-21
21 cm/8¼"

De Bakey



29-09605-22
22 cm/8¼"

Dissecting and Ligature Forceps



De Bakey



29-09609-20
20 cm/8"



29-09609-24
24 cm/9½"



De Bakey



29-09613-20
20 cm/8"



29-09615-18
18 cm/7½"

De Bakey



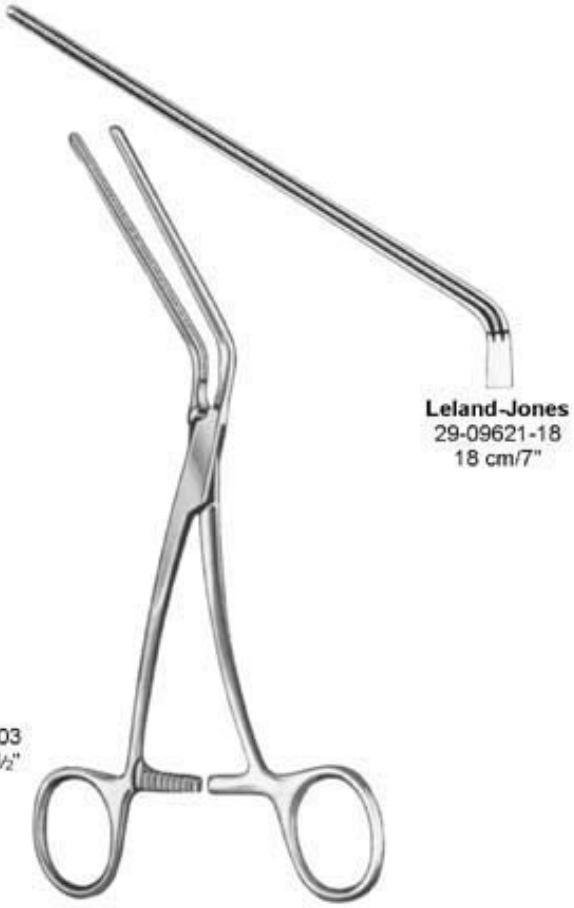
Leland-Jones



29-09618-01
19.5 cm/7½"

29-09618-02
19.5 cm/7½"

29-09618-03
19.5 cm/7½"



Leland-Jones
29-09621-18
18 cm/7"



De Bakey-Bainbirdge



29-09624-15
15 cm/6"

29-09624-18
18 cm/7"

29-09625-15
15 cm/6"

29-09625-18
18 cm/7"



De Bakey
29-09629-20
20 cm/8"



De Bakey

Aortic Aneurysm Clamps



De Bakey



29-09633-24
24 cm/9½"

29-09633-27
27 cm/10½"

29-09633-31
31 cm/12¼"

29-09633-33
33.5 cm/13¼"

De Bakey

Aortic Aneurysm Clamps

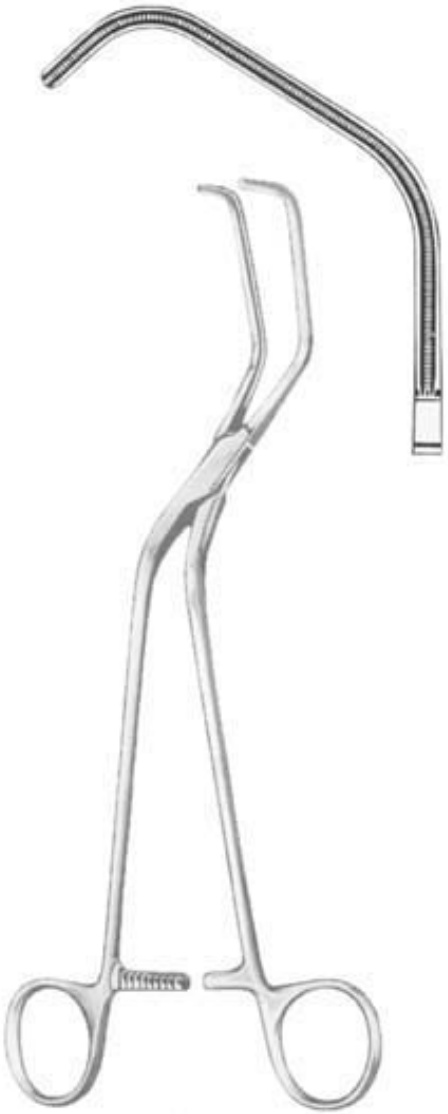


De Bakey
29-09637-28
28 cm/11"

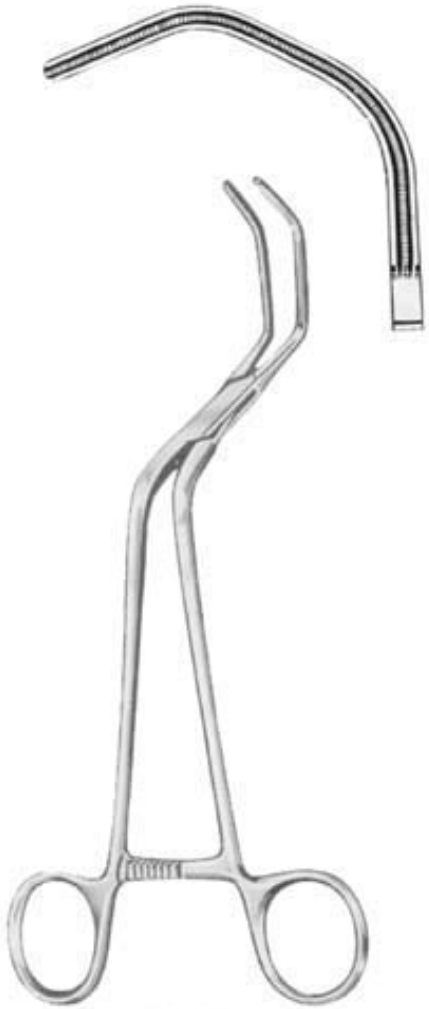
29-09641-30
30 cm/12"

De Bakey

Aortic Clamps



Ochsner
29-09645-23
23.5 cm/9¼"



Dietrich
29-09649-21
21 cm/8¼"



De Bakey



29-09653-01
24 cm/9½"



29-09653-02
24 cm/9½"

Auricle Clamp



Harken



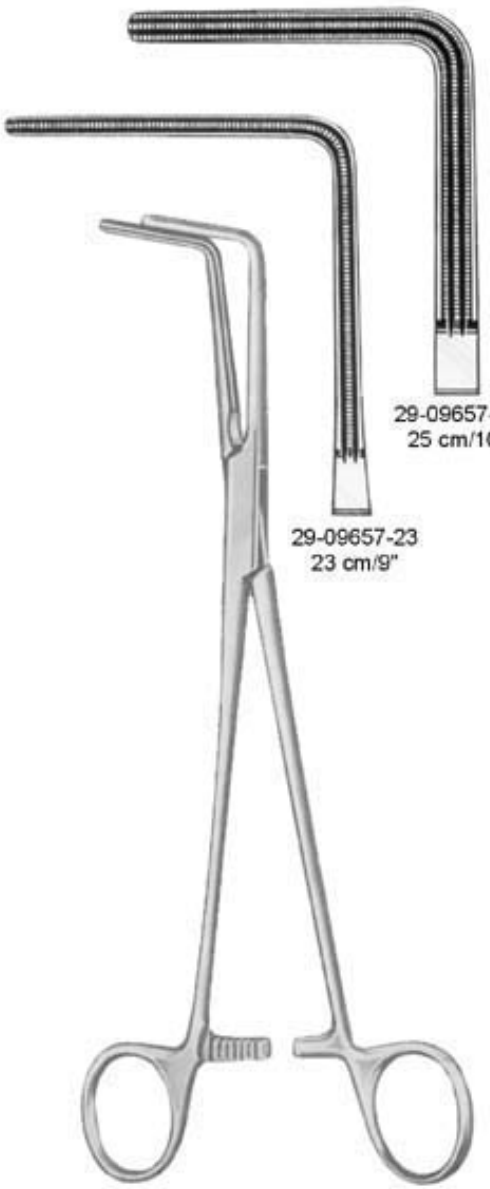
29-09653-03
24 cm/9½"



29-09653-04
24 cm/9½"

De Bakey

Bronchus Clamps



29-09657-25
25 cm/10"

29-09657-23
23 cm/9"

Lees

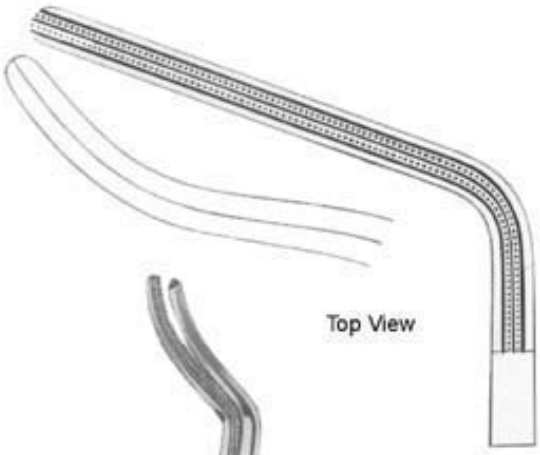




Lees
29-09661-25
25 cm/10"

De Bakey

Aortic Clamp

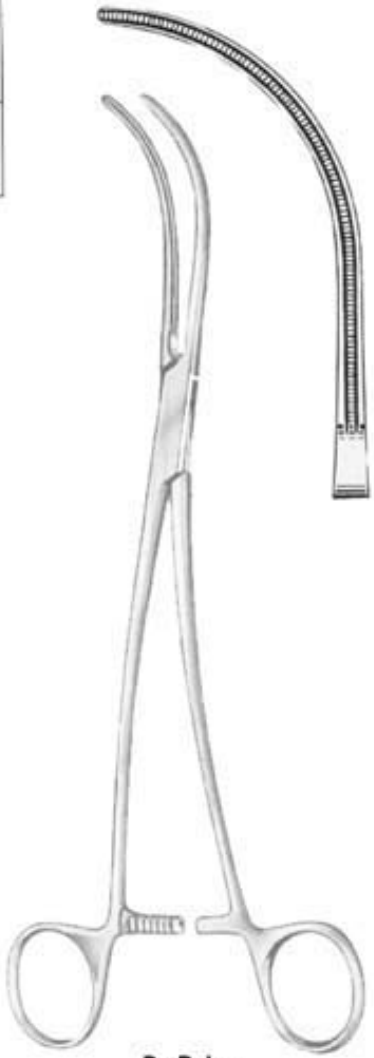


Top View



De Bakey
29-09665-27
27 cm/10½"

Ligature Clamps

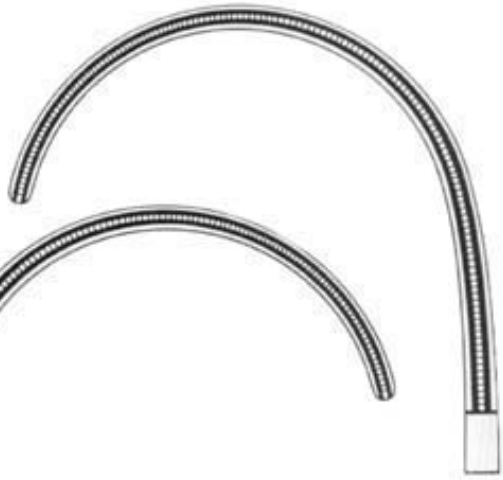


De Bakey
29-09669-24
24 cm/9½"



De Bakey
29-09673-24
24 cm/9½"

De Bakey



29-09681-02

29-09681-01

Ligature clamp,
Aortic clamp



De Bakey
29-09677-26
26.5 cm/10½"

De Bakey-Semb
29-09677-25
25 cm/10"



De Bakey-Semb

Aortic clamp



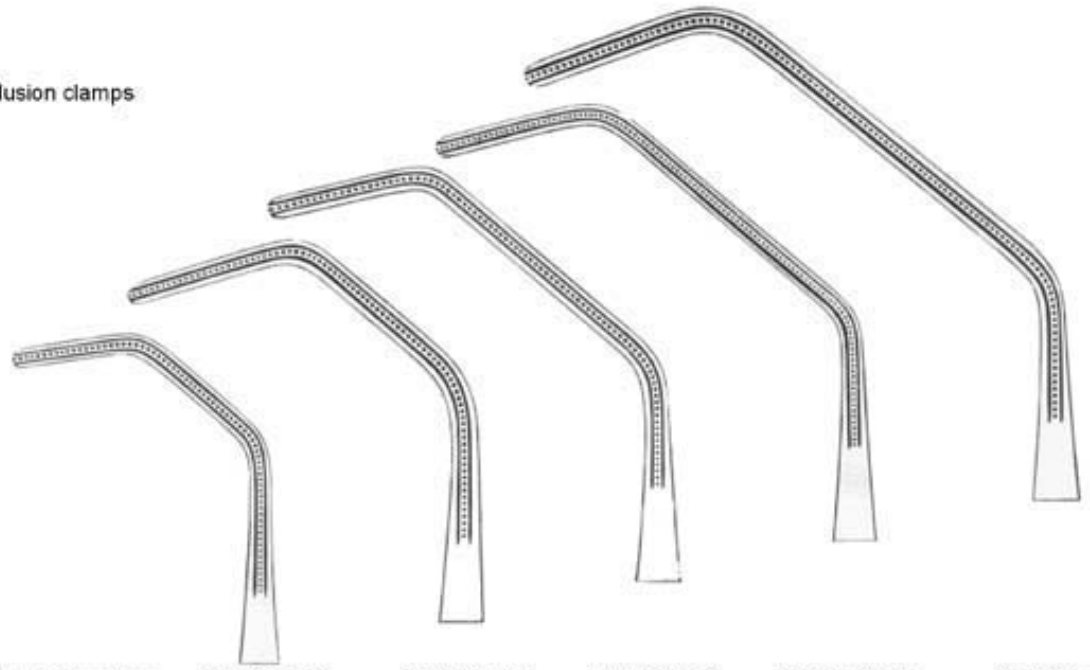
Weber
26 cm/10¼"



Satinsky/De Bakey

De Bakey

Tangential occlusion clamps



Set of 5 purchase. 29-09685-00

29-09685-20 20 cm/8"

29-09685-25 25 cm/10"

29-09685-26 26 cm/10¼"

29-09685-27 27 cm/10½"

29-09885-28 28 cm/11"

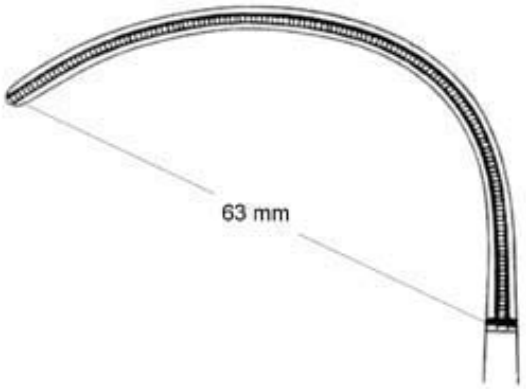


Glover

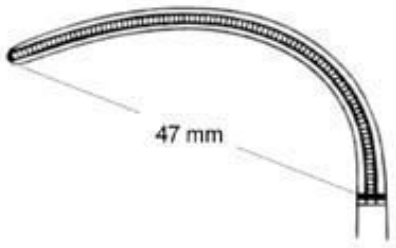
29-09689-01 19.5 cm/7¾"

29-09689-02 21.0 cm/8¼"

Anastomosis



29-09689-01



29-09689-02

De Bakey



Lambert-Kay
21 cm/8¼"



29-09695-21

Aortic anastomosis clamps

29-09693-21



De Bakey
29-09699-17
17 cm/6¾"

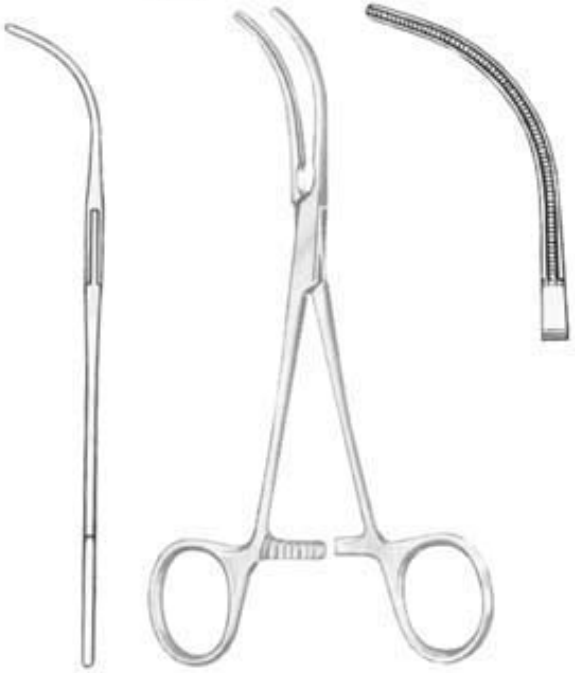






Beck
29-09703-17
17 cm/6¾"

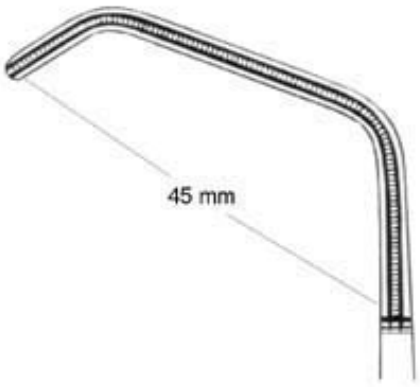
De Bakey



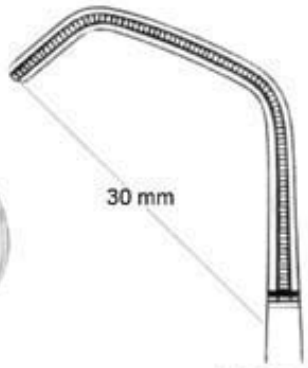
De Bakey
29-09707-16
16 cm/6¼"

Graduated





29-09711-02



29-09711-01

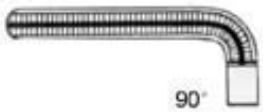
De Bakey-Beck
29-09711-01 20.5 cm/8"
29-09711-02 21.0 cm/8¼"


29-09714-00


15°
29-09715-15


30°
29-09715-30


45°
29-09715-45


90°
29-09715-90


29-09718-00


15°
29-09719-15


30°
29-09719-30


45°
29-09719-45


90°
29-09719-90


Dardik
17 cm/6¾"

De Bakey



29-09723-20
20 cm/8"

29-09723-22
22 cm/8¾"

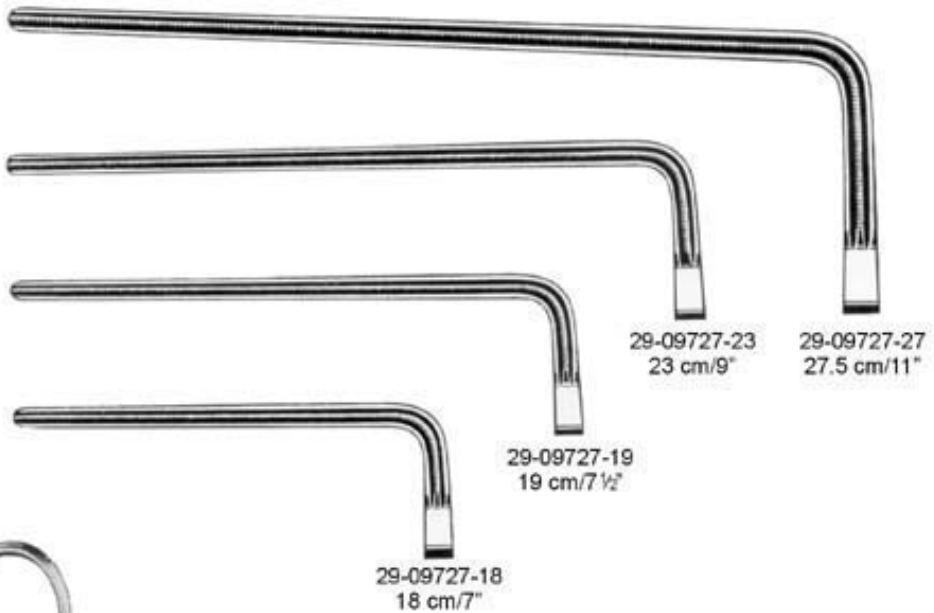
29-09723-24
24 cm/9½"

29-09723-30
30.5 cm/12"

Multi purpose clamps



De Bakey

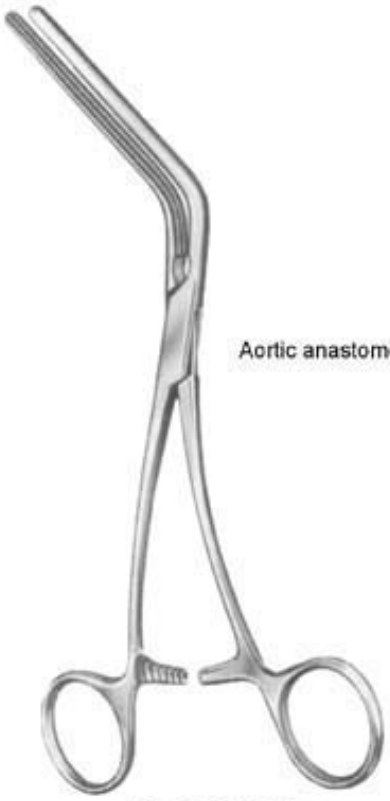


29-09727-23
23 cm/9"

29-09727-27
27.5 cm/11"

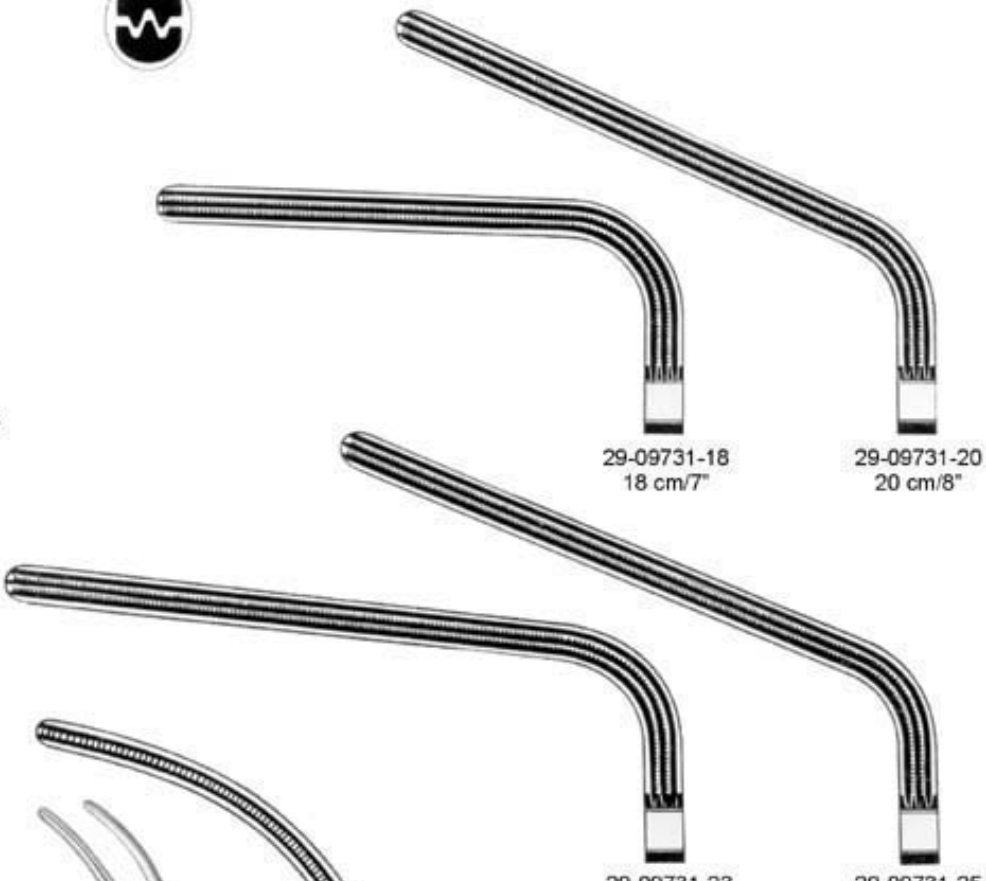
29-09727-19
19 cm/7½"

29-09727-18
18 cm/7"



Aortic anastomosis clamps

Morris-De Bakey



29-09731-18
18 cm/7"

29-09731-20
20 cm/8"

29-09731-23
23 cm/9"

29-09731-25
25 cm/10"



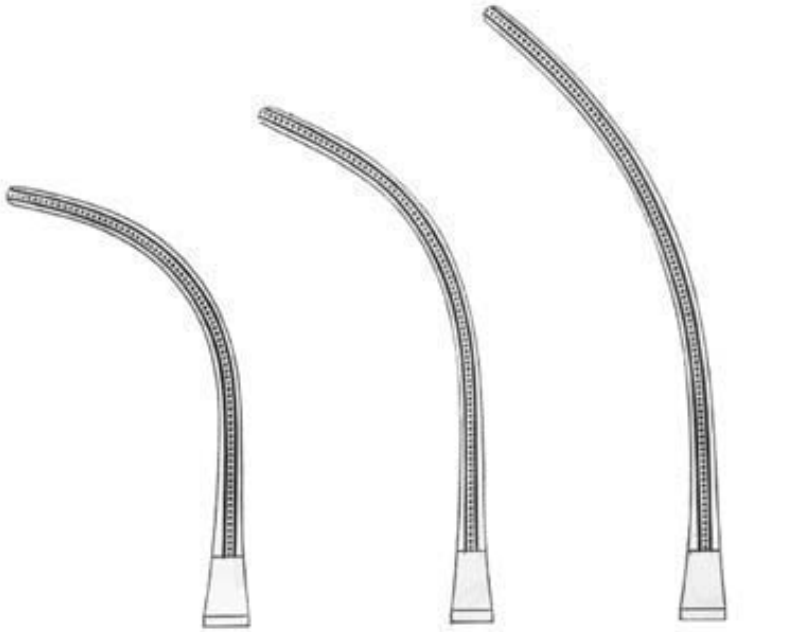
Glover
29-09735-24
24.5 cm/9¾"

Aorta aneurysm clamps



De Bakey-Bahnson

De Bakey



29-09739-24	29-09739-25	29-09739-26
24.5 cm/9¾"	25.5 cm/10"	26.5 cm/10½"

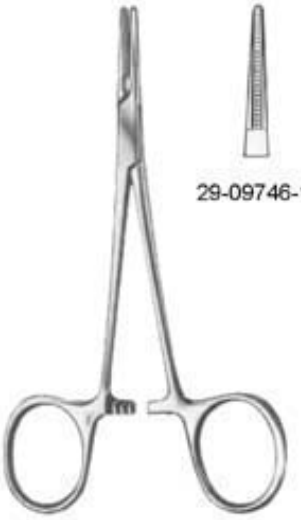
Coarctation clamps



Straight	cm/in	Curved
29-09742-21	21.5 cm/8½"	29-09743-21
29-09742-23	23.0 cm/9"	29-09743-23
29-09742-27	27.0 cm/10½"	29-09743-27
29-09742-31	31.5 cm/12½"	29-09743-31

De Bakey

Atrauma hemostatic forceps



29-09746-12

29-09747-12



Mosquito
12 cm/4¾"



De Bakey-Pean



29-09750-14
14 cm/5½"



29-09750-16
16 cm/6¼"



29-09750-18
18 cm/7"



29-09750-20
20 cm/8"



29-09751-14
14 cm/5½"



29-09751-16
16 cm/6¼"



29-09751-18
18 cm/7"



29-09751-20
20 cm/8"

Multi purpose clamps

De Bakey



De Bakey-Rankin



29-09754-16
16 cm/6¼"

29-09755-16
16 cm/6¼"



Cooley



29-09759-16
16 cm/6¼"



29-09759-15
15.5 cm/6"



29-09759-14
14.5 cm/5¾"



De Bakey
29-09762-17
17 cm/6¾"



29-09763-17



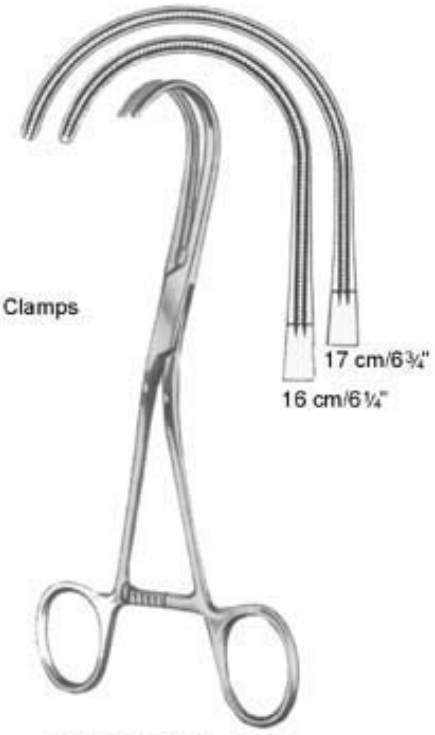
29-09765-17



29-09767-17

De Bakey

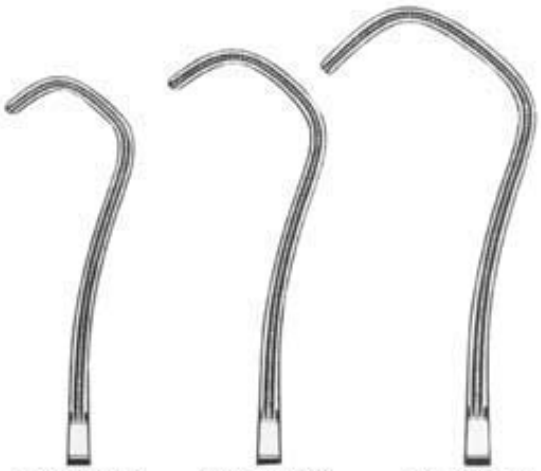
Ligature Clamps



29-09771-16 16cm/6¼"
29-09771-17 17cm/6¾"



Derra-De Bakey
17 cm/6¾"



29-09775-01 29-09775-02 29-09775-03

Anastomosis Clamps

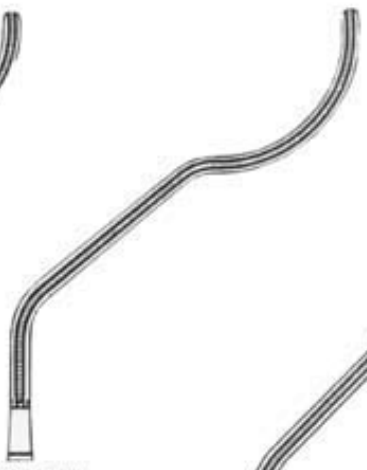
Profunda Clamps



Gregory



29-09779-14
14 cm/5½"



29-09779-16
16 cm/6¼"



29-09779-18
18 cm/7"



De Bakey
29-09782-12
12 cm/4¾"

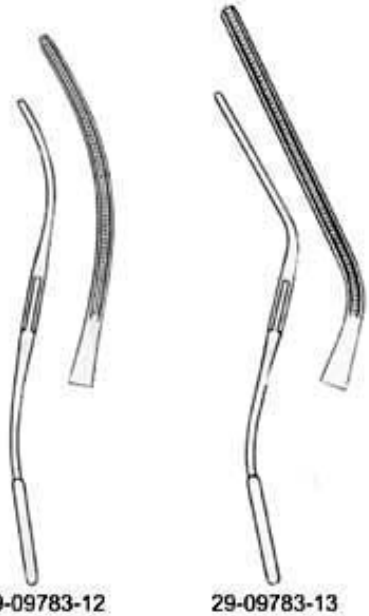


De Bakey



29-09783-10
10 cm/4"

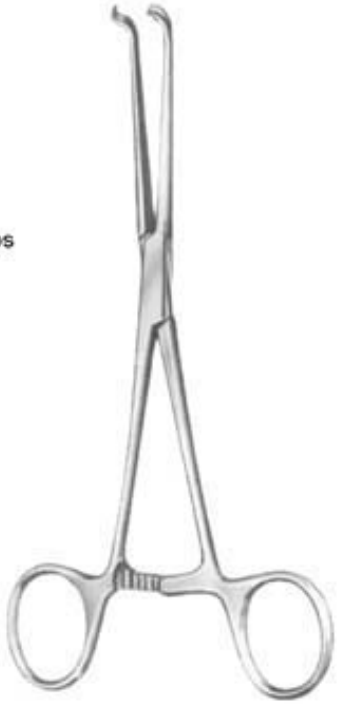
29-09783-11
10.5 cm/4½"



29-09783-12
12 cm/4¾"

29-09783-13
13 cm/5"

Carotid Clamps

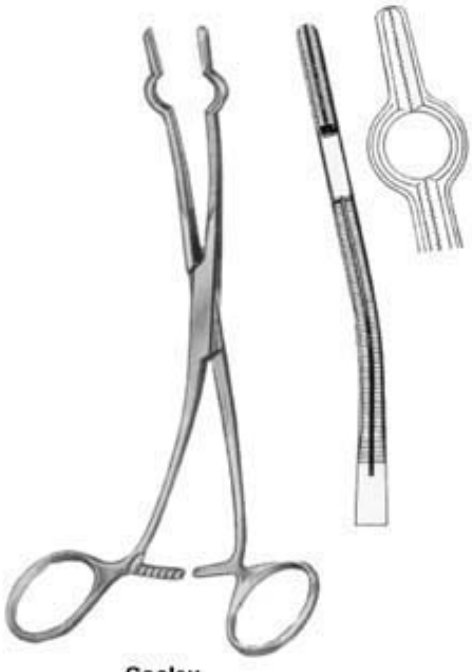




Javid
29-09787-18
18 cm/7"



Javid
29-09787-19
19 cm/7½"

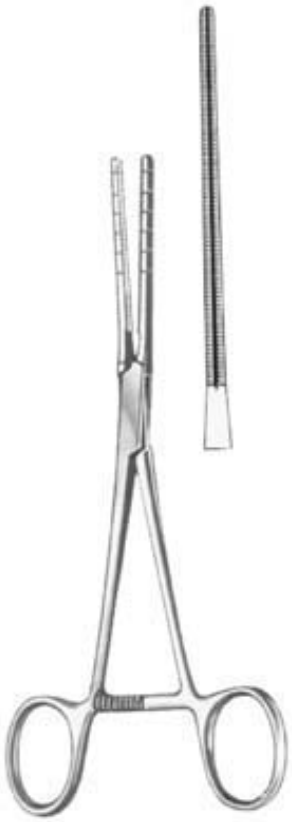


Cooley

Charriere (French)	Length cm	
24	16	29-09789-24
26	16	29-09789-26
28	20	29-09789-28
30	20	29-09789-30
32	20	29-09789-32
36	20	29-09789-36

Cooley

Coarctation Clamps



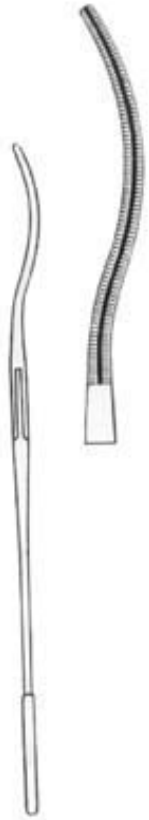
Cooley
29-09792-17
17 cm/6¾"



29-09793-17
17 cm/6¾"



29-09795-17
17 cm/6¾"



29-09797-17
17 cm/6¾"

Cooley



Cooley
29-09799-20
20 cm/8"



Cooley



29-09801-03
17 cm/6¾"



29-09801-02
15.5 cm/6"



29-09801-01
15 cm/6"



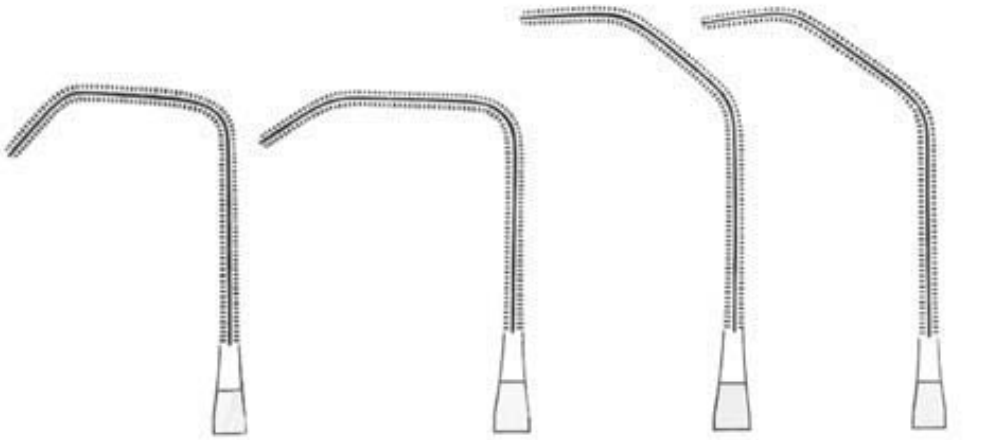
Cooley
29-09803-17
17 cm/6¾"

Anastomosis clamps

Cooley



Cooley

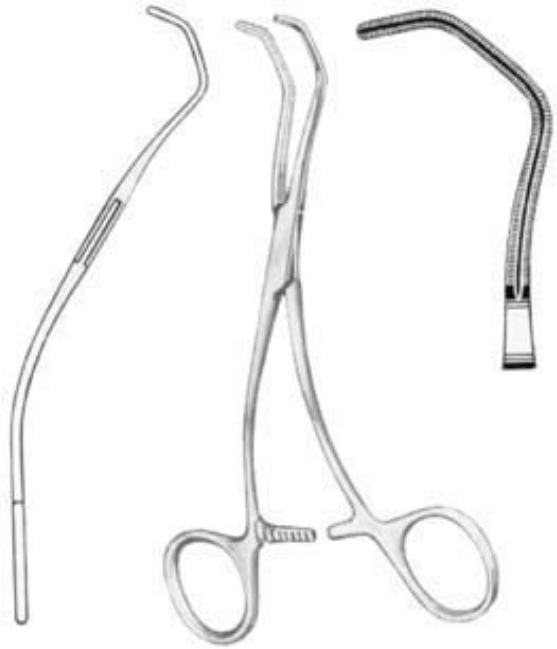


29-09807-01
16.5 cm/6½"

29-09807-02
16.5 cm/6½"

29-09807-03
17.5 cm/7"

29-09807-04
17.5 cm/7"



Cooley
29-09811-16
16 cm/6¼"



Beck
29-09815-17
17 cm/6¾"

Cooley



Cooley-Derra



29-09819-16
16 cm/6¼"



29-09819-17
17 cm/6¾"



29-09819-18
18 cm/7"



Cooley
29-09823-16 16 cm/6¼"
29-09823-17 17 cm/6¾"



Ligature clamps

Cooley





29-09826-14 29-09827-14

Cooley
14 cm/5½"



Cooley
29-09830-14
14 cm/5½"



Cooley
29-09833-14
14 cm/5½"



Cooley
29-09837-14
14 cm/5½"









Fig.	Straight
1	29-09842-01
2	29-09842-02
3	29-09842-03
4	29-09842-04
5	29-09842-05
6	29-09842-06
7	29-09842-07
8	29-09842-08
9	29-09842-09



Fig.	Angled
1	29-09843-01
2	29-09843-02
3	29-09843-03
4	29-09843-04
5	29-09843-05
6	29-09843-06
7	29-09843-07
8	29-09843-08
9	29-09843-09



Fig.	Curved
1	29-09845-01
2	29-09845-02
3	29-09845-03
4	29-09845-04
5	29-09845-05
6	29-09845-06
7	29-09845-07
8	29-09845-08
9	29-09845-09



29-09847-01
13 cm/5"



29-09847-02
13 cm/5"



29-09847-03
13 cm/5"



Castaneda



29-09847-04
15 cm/6"



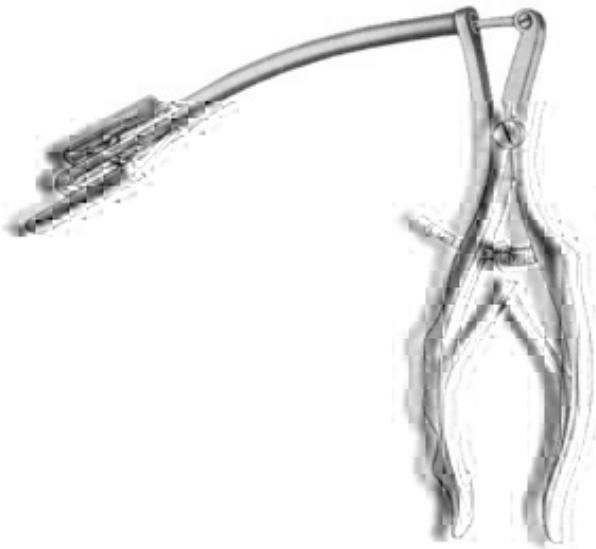
29-09847-05
15 cm/6"



29-09847-06
15 cm/6"



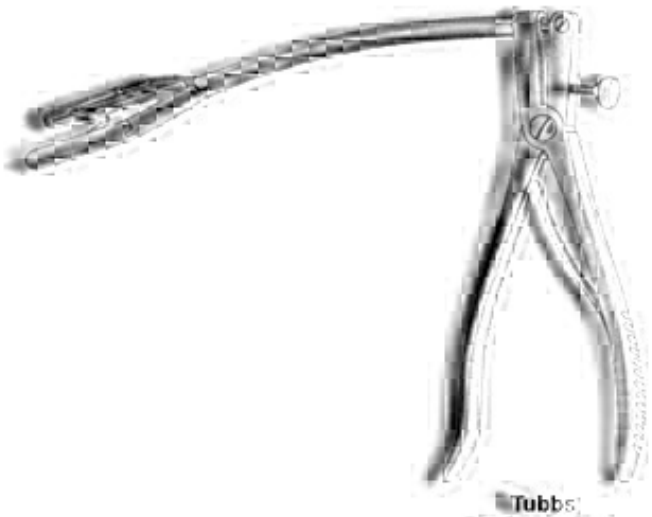
29-09847-07
15 cm/6"



Cooley
29-09853-00



Gerbode
29-09854-00



Tubbs
29-09855-00



De Bakey

mm Ø	19 cm/7½"	35 cm/14"
0.5	29-09857-05	29-09858-05
1.0	29-09857-10	29-09858-10
1.5	29-09857-15	29-09858-15
2.0	29-09857-20	29-09858-20
2.5	29-09857-25	29-09858-25
3.0	29-09857-30	29-09858-30
3.5	29-09857-35	29-09858-35
4.0	29-09857-40	29-09858-40
4.5	29-09857-45	29-09858-45
5.0	29-09857-50	29-09858-50
7.0	29-09857-70	29-09858-70
9.0	29-09857-90	29-09858-90

Malleable



Cooley
13 cm/5"



29-09860-05
0.5 mm Ø

29-09860-10
1.0 mm Ø

29-09860-15
1.5 mm Ø

29-09860-20
2.0 mm Ø

29-09860-25
2.5 mm Ø

29-09860-30
3.0 mm Ø

29-09860-40
4.0 mm Ø

29-09860-50
5.0 mm Ø



Children **Weiss** Adults
30-09862-07 30-09862-09
7 cm/2¾" 9 cm/3½"



Children **Weiss** Adults
30-09864-07 30-09864-09
7 cm/2¾" 9 cm/3½"



Park
30-09868-08
8 cm/3¼"



Park-Guyton
30-09870-08
8 cm/3¼"



Park-Maumenee
30-09872-08
8 cm/3¼"



Children **Barraquer (Colibri)** Adults
30-09874-03 30-09874-04
3 cm/1¼" 4 cm/1½"



Barraquer
30-09876-04
4 cm/1½"



Bowman
30-09878-07
7 cm/2¾"



Sauer
30-09880-03
3 cm/1¼"

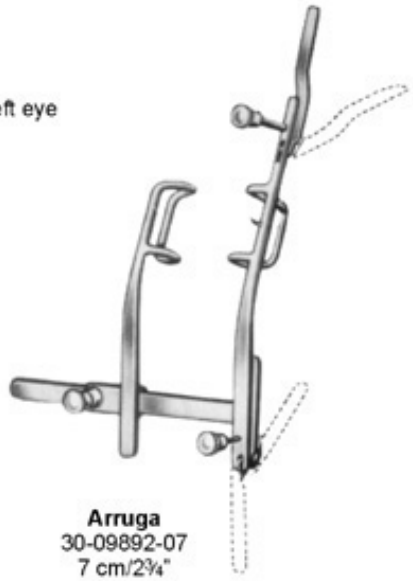


Goldstein
30-09884-03
3 cm/1¼"



Pley
30-09888-06
6 cm/2¼"

For left eye



Arruga
30-09892-07
7 cm/2¾"

For right eye



Arruga
30-09894-07
7 cm/2¾"



Mellinger-Axenfeld
30-09898-07
7 cm/2¾"



Mellinger-Axenfeld
30-09900-07
7 cm/2¾"



Children
30-09904-05
5 cm/2¾"

Mellinger

Adults
30-09904-07
7 cm/2¾"



Children **Mellinger Beard** Adults
30-09908-05 30-09908-07
5 cm/2" 7 cm/2¾"



Knapp Clark
30-09912-08
8 cm/3¼"



Children **Graefe** Adults
30-09916-06 30-09916-09
6 cm/2½" 9 cm/3½"



Children **Cook** Adults
30-09920-04 30-09920-05
4 cm/1½" 5 cm/2"



Lancaster
30-09924-08
8 cm/3¼"



Children **Williams** Adults
30-09928-07 30-09928-08
7 cm/2¾" 8 cm/3¼"



Lister-Burch
30-09932-08
8 cm/3¼"



Weiss
30-09936-08
8 cm/3¼"



Murdock
30-09940-05
5 cm/2"



Mueller
30-09944-07
7 cm/2¾"



Critchett
30-09948-06
6 cm/2½"



Castroviejo
30-09952-08
8 cm/3¼"



Stevenson
30-09956-07
7 cm/2¾"



Agricola
30-09960-04
4 cm/1½"



Schepens
30-09964-13
13 cm/5"



Desmarres
30-09968-13
13 cm/5"



8 mm

Conway
30-09972-13
13 cm/5"



30-09976-12
12 mm

30-09976-14
14 mm

30-09976-16
16 mm

30-09976-18
18 mm

Desmarres
13 cm/5"

Lid plate



Jaeger
30-09980-11
11 cm/4½"




30-09981-01


30-09981-02


30-09981-03


30-09981-04


30-09981-05


30-09981-06


30-09983-01


30-09983-02


30-09983-03


30-09983-04


30-09983-05


30-09983-06




30-09985-00


30-09985-01


30-09985-02


30-09985-03


30-09985-04


30-09985-05

Graefe


30-09987-01


30-09987-02


30-09987-03


30-09987-04

Graefe-Arruga


30-09991-13

Deutschmann


30-09993-12

Wheeler



Jaeger
30-09997-01



30-09997-02



30-09997-03



30-09997-04



30-09999-01



30-09999-02



30-09999-03



30-09999-04



30-10001-01



30-10001-02



30-10001-03



30-10001-04



Jaeger-Grieshaber

30-10003-01 30-10003-02 30-10003-03 30-10003-04



Jaeger-Grieshaber

30-10005-01 30-10005-02 30-10005-03 30-10005-04



Wessely-Grieshaber

30-010007-01 4 mm
30-010007-02 5 mm
30-010007-03 6 mm
30-010007-04 7 mm



Wiener
30-010009-13



Berens
30-0100011-13



Papst
30-0100013-13



Castroviejo
30-0100015-13



Castroviejo
30-010019-01
9 cm/3½"



Castroviejo
30-010019-02
9 cm/3½"



Castroviejo
30-010019-03
9 cm/3½"



Mod. Hamburg
30-010023-12



Graefe
30-010025-13

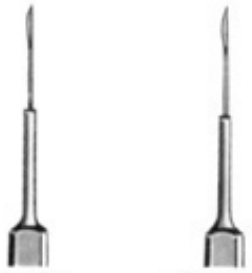


30-010027-01 **Weber** 30-010027-02 30-010027-03



Bowman
30-010029-04
0.4 mm

Bowman
30-010029-05
0.5 mm



Bowman
30-010029-06
0.6 mm

Bowman
30-010029-07
0.7 mm

Bowman
30-010029-08
0.8 mm



Left **Bowman** Right
30-010031-01 30-010031-02



30-010033-01 **Knapp** 30-010033-02 30-010033-03



30-010035-05 **Ziegler** 30-010035-06 30-010035-07
5 mm 6 mm 7 mm



Dean
30-010037-13



Zlgler
30-010039-11
3½ mm



Sato
30-010041-12



Sichel
30-010043-13



Graefe
30-010045-13



Graefe
30-010047-13



30-010049-01



Kuhnt
30-010049-02



30-010049-03



30-010049-04



Paton
30-010051-12



Elsching
30-010053-13



Took
30-010055-12



30-010057-01



Desmarres
30-010057-02



30-010057-03



Gill
30-010059-12



Anderson-Critchett
30-010061-12



Lundsgaard
30-010063-12



Guyton-Lundsgaaed
30-010065-12



Barken
30-010067-12



Scheie
30-010069-12



Burch
30-010071-12



30-010073-12



30-010075-12



30-010077-12



30-010079-12



30-010081-12



30-010083-12



Schweiz. Mod.
30-010085-12



30-010087-13



30-010089-13



Levinson
30-010091-13



Alvis
30-010093-12



Francis
30-010095-12



La Force (Golf-Club)
30-010097-12



Davis
30-010099-13



Dix
30-010101-13



Ellis
30-010103-11



Plango
30-010105-12



Nicati
30-010107-12



Walton
30-010109-12



Walton
30-010111-12



Meyer
30-010113-12



Green
30-010115-13



Rollet
30-010117-12



Graefe
30-010119-13



Graefe
30-010121-19



Graefe
30-010123-13



Becker
Melleable
30-010125-13



Tuebingen
30-010127-13



Mod. Bonn
30-10129-14
14 cm/5½"



Hirschmann
Blunt
30-10132-10



Graefe
Sharp
30-10133-12



Graefe
Blunt
30-10136-12



◀ Blunt ▶



Knolle
30-10140-01

Jeffe-Knolle
30-10140-02



O'Connor
30-10144-12



Wiener

Sharp
30-10047-13

Blunt
30-10148-13



Hirschmann
30-10152-13



Graefe
30-10156-13



McGannen
30-10160-13
13 cm/5"



Meyer-Schwickerath
30-10164-13
13 cm/5"



Jaeger
30-10168-01



Jaeger
30-10168-02



Left **Arruga** Right
30-10172-01 30-10172-02





Jameson
30-10176-12



Culler
30-10180-12



Green
30-10184-13



Guthrie
30-10188-12



Guthrie
30-10190-13



Berens
30-10194-12



Knapp
Blunt
30-10198-13



Rollet
Sharp
30-10201-12



Rollet
30-10204-12



Fink
Blunt
30-10208-12



10.5 cm/4¼"

Right
30-10212-01

Left
30-10212-02



Knapp-Rollet
30-10216-02



Flexible
30-10216-03 30-10216-04



Sharp
30-10219-14

Blunt
30-10220-14

Axenfeld



Sharp
30-10223-14

Blunt
30-10224-14

Axenfeld



Paul
30-10228-12



Sautter
30-10232-01



Sautter
30-10232-02



Sautter
30-10232-03



Arruga
30-10236-13



Stevens
30-10240-14



Stevens
30-10244-12



Graefe
30-10248-01



Graefe
30-10248-02



Graefe
30-10248-03



Wecker
30-10251-13



Wecker
30-10252-13



Stock
30-10255-13



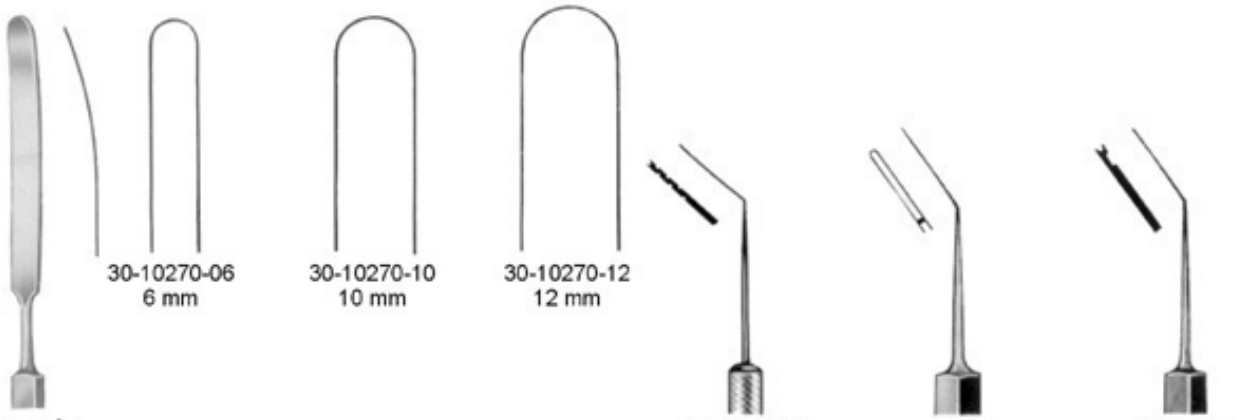
Stock
30-10257-13



Culler
30-10262-13



Suker
30-10266-14



Bangerter

30-10270-06
6 mm

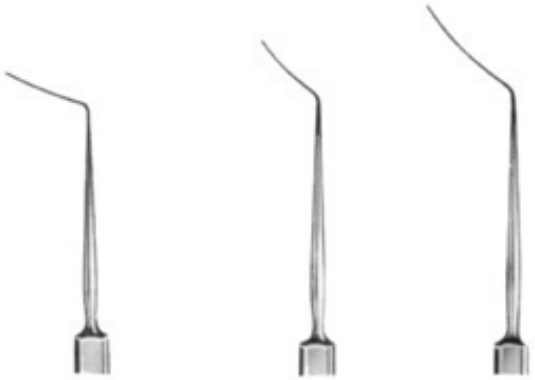
30-10270-10
10 mm

30-10270-12
12 mm

Hirchmann
30-10274-14

Jaffe
30-10278-14

Kwitko
30-10282-14

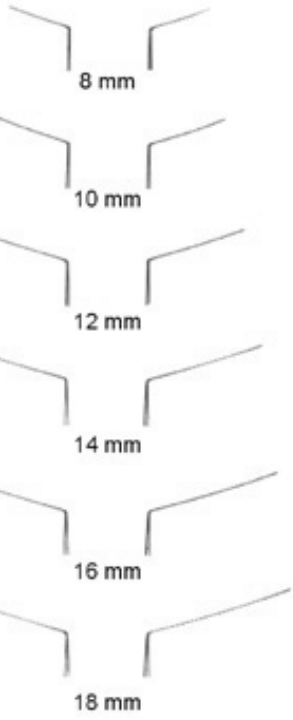


Elschnig
30-10286-13
0.5 mm 1.0 mm

Castroviejo
30-10290-10
10 mm

30-10292-15
15 mm

Width of Spatula



8 mm

10 mm

12 mm

14 mm

16 mm

18 mm



Castroviejo-Barraquer

30-10296-08	08 mm	30-10298-08
30-10296-10	10 mm	30-10298-10
30-10296-12	12 mm	30-10298-12
30-10296-14	14 mm	30-10298-14
30-10296-16	16 mm	30-10298-16
30-10296-18	18 mm	30-10298-18



Castroviejo
30-10302-09
9 cm/3½"

Castroviejo
30-10304-09
9.5 cm/3¾"

Troutman
30-10308-13
13 cm/5¼"

Lewis
30-10312-14

Lewis
30-10314-14

Weber
30-10318-13

Weber
30-10318-14

New Orleans
30-10322-13



Snellen
30-10326-13

Arlt
30-10328-13

Hess
30-10332-13

Graefe
30-10336-01

Graefe
30-10336-02

Daviel
30-10340-01

Daviel
30-10340-02

Knapp
30-10344-12



Enucleation Scoops

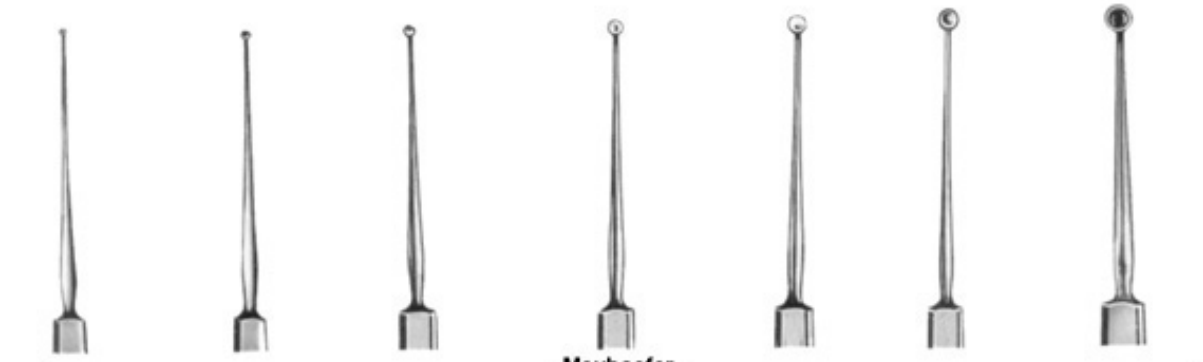
Small
30-10348-16

Large
30-10348-20

Wellls

Chalazion Curettes





Meyhoefer

30-10352-05
0.5 mm Ø

30-10352-10
1.0 mm Ø

30-10352-15
1.5 mm Ø

30-10352-18
1.8 mm Ø

30-10352-20
2.0 mm Ø

30-10352-25
2.5 mm Ø

30-10352-35
3.5 mm Ø



Meyhoefer
30-10352-40
4.0 mm Ø

Meyhoefer
30-10352-45
4.5 mm Ø

Hebra

30-10356-10
1.0 mm Ø

30-10356-20
2.0 mm Ø

30-10356-25
2.5 mm Ø

30-10356-30
3.0 mm Ø

30-10356-35
3.5 mm Ø

Exenteration Scoops



30-10360-01 30-10360-02 **Bunge** 30-10360-03 30-10360-04 30-10360-05



Chalazion Curette, Double

Axenfeld
30-10364-13
13 cm/5"



Lachrymal Sac Dissector

Lang
30-10368-13
13 cm/5"

Irrigating Cannulas

Straight



Binkhorst
30-10372-01
22 gauge

Right



Binkhorst
30-10372-02
22 gauge

Left



Binkhorst
30-10372-03
22 gauge

Probe Point



Bonn
30-10372-04
20 gauge



Bonn
30-10372-05
19 gauge



Hamburg
30-10372-06
23 gauge

Irrigation/Aspiration Cannulas



Simcoe
30-10376-01
23 gauge



Gills-Welsh
30-10376-02
25/23 gauge

Cystotome Cannulas



Knolle-Kelmann
30-10380-01
22 gauge



Nevyas
30-10380-02
22 gauge



Kratz
30-10380-03
22 gauge

Lens Mainpulation Cannulas



Freeman
30-10384-01
27 gauge



Sheets
30-10388-01

Irrigating Vectis Cannulas



Knolle Pearce
30-10388-02

Serrated



Simcoe
30-10388-03

Cortex Aspiration Cannulas



Simcoe
30-10392-01
23 gauge



Simcoe
30-10392-02
23 gauge

Capsule Polishing Cannulas

Posterior



Kratz
30-10396-01



Simcoe
30-10396-02



Jensen
30-10396-03

Lachrymal Cannulas



30-10400-01
25 gauge



30-10400-02
25 gauge



30-10400-03
25 gauge



30-10400-04
25 gauge



Bonn
30-10400-05
19 gauge



Bangerter
30-10400-06 40 mm
30-10401-06 60 mm



Anel
30-10400-07
23 gauge



Anel
30-10400-08
23 gauge

Alpha-Chymotrypsin Cannula



30-10404-00
23 gauge

Air Injection Cannula



Sauter
30-10406-00
27 gauge

Collar Button Cannulas



Straight
30-10408-01

Angled
30-10408-02

Graether

Knife Cannula



Sato
30-10408-03
23 gauge

A/C Puncture Cannula



Schreck
30-10408-04
21 gauge



Castroviejo
30-10412-15



Castroviejo
30-10412-20
20 mm



Holth
30-10416-01



Haitz
30-10416-02



West
30-10420-16
16 cm/6¼"

West
30-10422-16
16 cm/6¼"



Connin-Amsler
30-10426-13
13 cm/5"



Wilder
30-10430-01



Wilder
30-10430-02



Wilder
30-10430-03



Castroviejo
30-010434-12



Muldoon
30-10438-10



Simpson
30-10442-01





Harms
30-10446-01 30-10446-02

Bowman Fig.	
0000/0000	30-10450-04
000/000	30-10450-03
00/00	30-10450-02
0/0	30-10450-01
1/1	30-10450-11
2/2	30-10450-22
3/3	30-10450-33
4/4	30-10450-44
5/5	30-10450-55
6/6	30-10450-66
7/7	30-10450-77
8/8	30-10450-88

Martial: NS German Silver



Bowman Fig.	
0000/000	30-10452-03
000/00	30-10452-02
00/0	30-10452-00
0/1	30-10452-01
1/2	30-10452-12
2/3	30-10452-23
3/4	30-10452-34
4/5	30-10452-45
5/6	30-10452-56
6/7	30-10452-67
7/8	30-10452-78



Bowman Fig.	
0000/000	30-10454-03
000/00	30-10454-02
00/0	30-10454-00
0/1	30-10454-01
1/2	30-10454-12
2/3	30-10454-23
3/4	30-10454-34
4/5	30-10454-45
5/6	30-10454-56
6/7	30-10454-67
7/8	30-10454-78





Castroviejo

Castroviejo
Width of Spatula

	mm
30-10458-05	0.50
30-10458-07	0.75
30-10458-10	1.00



Castroviejo
30-10462-12



Wheeler
30-10466-12



Lindner
30-10470-13



Smith-Fisher
30-10474-12



Green
30-10478-12



Dix
30-10482-01



Dix
30-10482-02



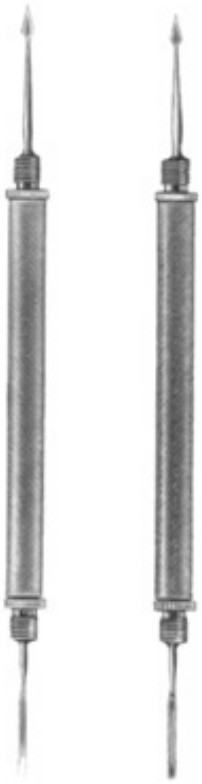
Stille
30-10486-01



Stille
30-10486-02



30-10490-12



30-10494-13 30-10495-13

Neddle Only
30-10498-01

Chisel Only
30-10498-02

Gouge Only
30-10498-03



30-10500-13

Instrumentation for D. B. Kirby Operations



30-10502-10



Teeth
30-10506-10 1:2 Teeth
30-10508-10 2:3 Teeth



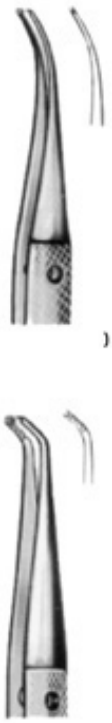
30-10510-10
1 : 2



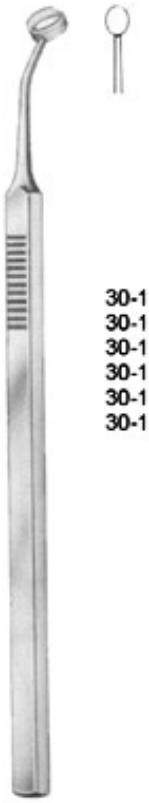
Kirby
30-10514-10
10 cm/4"



Kirby
30-10516-10
10 cm/4"



30-10520-10



30-10524-01 =3.0 x 3.5 mm
30-10524-02 =3.0 x 4.0 mm
30-10524-03 =3.0 x 4.5 mm
30-10524-04 =3.5 x 4.0 mm
30-10524-05 =3.5 x 4.5 mm
30-10524-06 =3.5 x 5.0 mm

Bores



30-10528-01 =2.75 mm
30-10528-02 =3.00 mm
30-10528-03 =3.25 mm
30-10528-04 =3.75 mm
30-10528-05 =4.00 mm
30-10528-06 =4.25 mm
30-10528-07 =4.50 mm
30-10528-08 =4.75 mm
30-10528-09 =5.00 mm
30-10528-10 =6.00 mm
30-10528-11 =8.00 mm

Bores



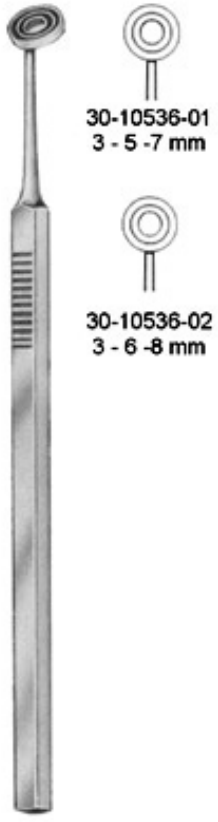
30-10532-01 =3.00 mm
30-10532-02 =3.25 mm
30-10532-03 =3.50 mm
30-10532-04 =3.75 mm
30-10532-05 =4.00 mm
30-10532-06 =4.25 mm
30-10532-07 =4.50 mm
30-10532-08 =4.75 mm
30-10532-09 =5.00 mm
30-10532-10 =5.50 mm
30-10532-11 =6.00 mm
30-10532-12 =7.00 mm
30-10532-13 =8.00 mm
30-10532-14 =9.00 mm
30-10532-15 =1.11 mm

Hoffer



30-10536-00
3 - 5 mm

Hoffer



30-10536-01
3 - 5 -7 mm

30-10536-02
3 - 6 -8 mm

Hoffer



Tuebingen
30-10540-10
10 cm/4"



30-10544-08
8.5 cm/3½"



Paufique
30-10548-10
10 cm/4"



Barraquer
30-10552-10
10.5 cm/4¼"



McPherson
30-10556-10
10 cm/4"



McPherson
30-10560-07
7.5 cm/3"



McCullough
30-10564-09
9.5 cm/3¾"



McCullough
30-10568-09
9.5 cm/3¾"



Bonaccoito
30-10572-10
10 cm/4"



Bonaccoito
30-10576-10
10 cm/4"



30-10580-11
11 cm/4½"





30-10584-11
1 : 2



30-10586-11
2 : 3

11 cm/4½"



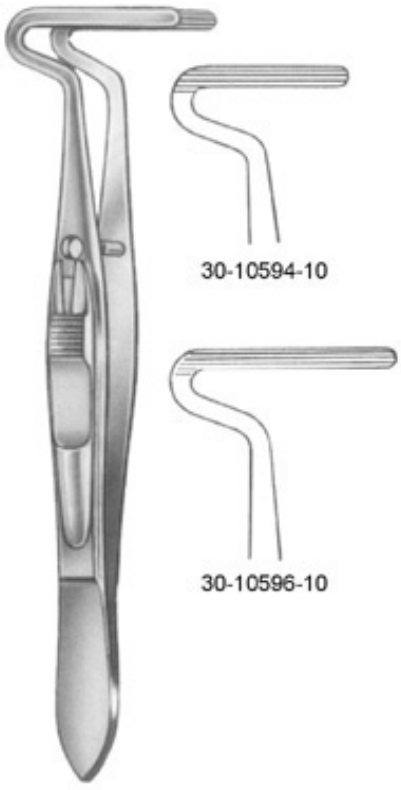


30-10590-01



30-10590-02

Nugent
10 cm/4"



Berke
10 cm/4"



Blascovics
30-10600-09
9 cm/3½"



Blascovics
30-10601-09
9 cm/3½"



Worth
30-10604-10
10 cm/4"



Worth
30-10605-10
10 cm/4"



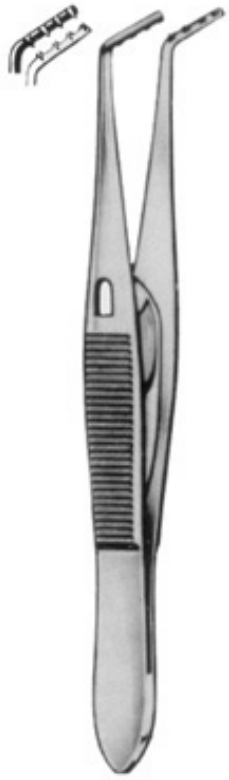
Jameson
30-10608-10
10 cm/4"



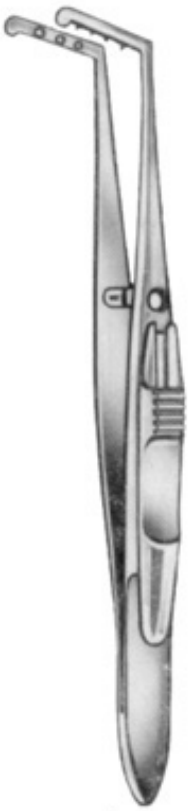
Jameson
30-10609-10
10 cm/4"



Prince
30-10612-10
10 cm/4"



Prince
30-10613-10
10 cm/4"



Sattler
30-10616-10
10 cm/4"



Sattler
30-10617-10
10 cm/4"



Snellen
30-10620-10
10 cm/4"



Snellen
30-10621-10
10 cm/4"



Erhardt
30-10624-09
9 cm/3½"



Barraquer
30-10628-05
5.5 cm/2¼"



Barraquer
30-10628-07
5.5 cm/2¼"



Barraquer
30-10628-10
5.5 cm/2¼"



Hess
30-10632-09
9 cm/3½"

◀Swiss patterns▶



Hess
30-10634-09
9 cm/3½"



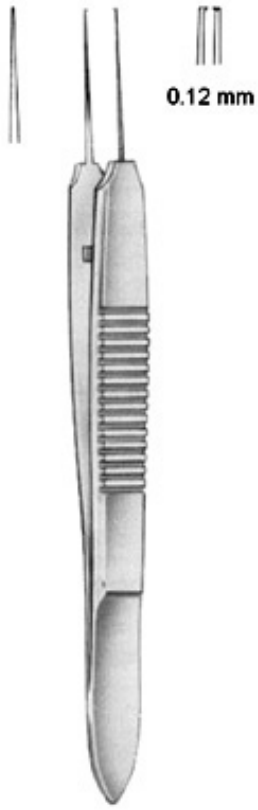
With guide pin

1:2
Bonn
30-10638-07
7 cm/2¾"



Without guide pin

1:2
Bonn
30-10640-07
7 cm/2¾"



Bonn
30-10642-10
10 cm/4"



Bishop-Harman
30-10646-08
8.5 cm/3½"



Bishop-Harman
30-10648-08
8.5 cm/3½"



Bishop-Harman
30-10650-08
8.5 cm/3½"



1:2
Bishop-Harman
30-10652-08
8.5 cm/3½"



Graefe
30-10656-05 0.5 mm
30-10656-07 0.7 mm
30-10656-10 1.0 mm
7 cm/2¾"



Graefe
30-10657-05 0.5 mm
30-10657-07 0.7 mm
30-10657-10 1.0 mm
7 cm/2¾"



1:2
Graefe
30-10660-05 0.5 mm
30-10660-07 0.7 mm
30-10660-10 1.0 mm
7 cm/2¾"



1:2
Graefe
30-10661-05 0.5 mm
30-10661-07 0.7 mm
30-10661-10 1.0 mm
7 cm/2¾"



Foerster
30-10664-08
8.5 cm/3½"



Foerster
30-10665-08
8.5 cm/3½"



Foerster
30-10668-08
8.5 cm/3½"



Foerster
30-10669-08
8.5 cm/3½"



Graefe
10 cm/4"



30-10672-10



30-10673-10



30-10675-10



30-10678-10



30-10679-10



30-10681-10

Conjunctival forceps



Stevens
10.5 cm/4¼"



30-10684-10



30-10685-10



30-10687-10



30-10690-10



30-10691-10



30-10693-10



O'Connor
30-10696-10
10 cm/4"



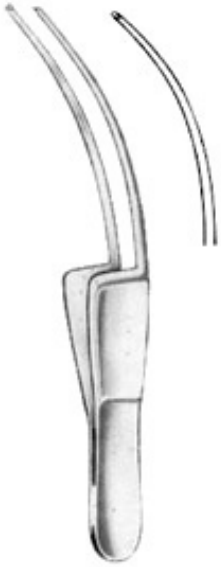
Stevens
30-10700-11
11 cm/4½"



Stevens
30-10701-11
11 cm/4½"



Fischer
30-10705-07
7 cm/2¾"



Fischer-Arit
30-10707-07
7 cm/2¾"



Hess
30-10711-07
7 cm/2¾"



Hess
30-10713-07
7 cm/2¾"



Smooth **Chandler** Serrated
30-10717-01 7 cm/2¾" 30-10717-02



Fuchs
30-10721-07
7 cm/2¾"



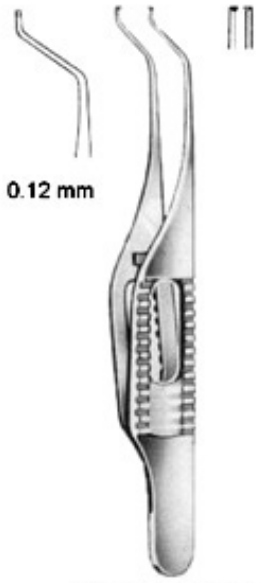
Gill-Hess
30-10723-07
7.5 cm/3"



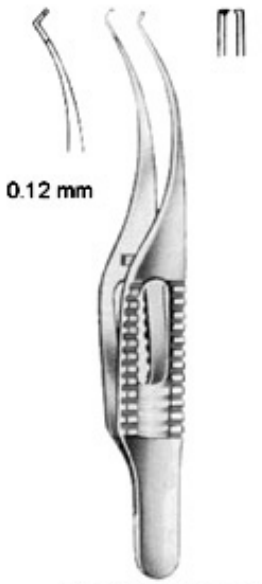
Gill-Hess Teeth Below
30-10727-07 30-10729-07
7.5 cm/3"
Teeth on side



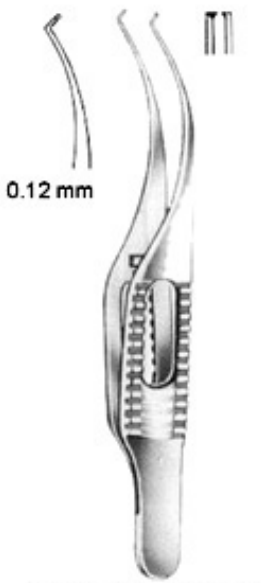
Barraquer-Katzin
(Colibri)
30-10733-07
7 cm/2¾"



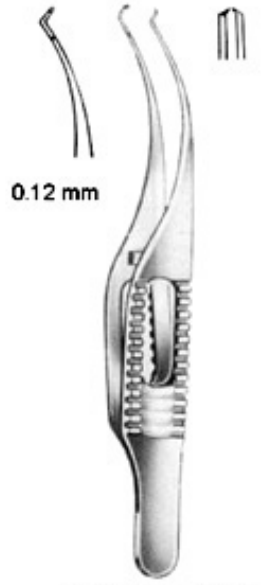
Troutman(Colibri)
30-10737-07
7.5 cm/3"



Barraquer(Colibri)
30-10739-07
7 cm/2¾"



Barraquer-Katzin(Colibri)
30-10741-07
7 cm/2¾"



Barraquer(Colibri)
30-10743-07
7 cm/2¾"



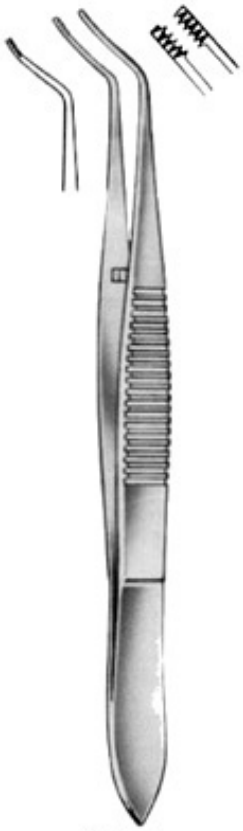
Gill-Arruga
30-10745-07
7.5 cm/3"



Terson
30-10749-09
9 cm/3½"



Schweigger
30-10753-10
10 cm/4"



Schweigger
30-10755-10
10 cm/4"



Elschnig
30-10759-10
10 cm/4"



Hess
30-10763-06
6 cm/2¼"



Hess
30-10765-06
6.5 cm/2½"



Fuchs
30-10771-07
7 cm/2¾"



Kalt
30-10775-10
10 cm/4"



Terson
30-10779-09
9.5 cm/3¾"



Arruga-Nizetic
30-10783-10
10 cm/4"



Castroviejo
30-10787-10
10 cm/4"



Castroviejo
30-10789-10
10 cm/4"



Elschnig
30-10793-10
10 cm/4"

For Len Implantation



Binkhorst
30-10797-07
7 cm/2¾"



Arruga
30-10801-09
9.5 cm/3¾"



Arruga
30-10803-09
9.5 cm/3¾"



Shepard

With irrigator
30-10807-01

Without irrgator
30-10807-02



Dastoor
30-10811-06
6 cm/2 ¼"



Arruga
30-10815-10
10 cm/4"

Calibrated
Arruga
30-10817-10
10 cm/4"



Arruga
30-10819-10
10 cm/4"

Calibrated
Arruga-Elschnig
30-10821-10
10 cm/4"



Knapp
30-10824-11
11 cm/4¼"



Ayer
30-10828-09
9 cm/3½"



Ayer
30-10830-09
9 cm/3½"



Lambert
30-10834-09
9 cm/3½"



Desmarres
9 cm/3½"



30-10838-01

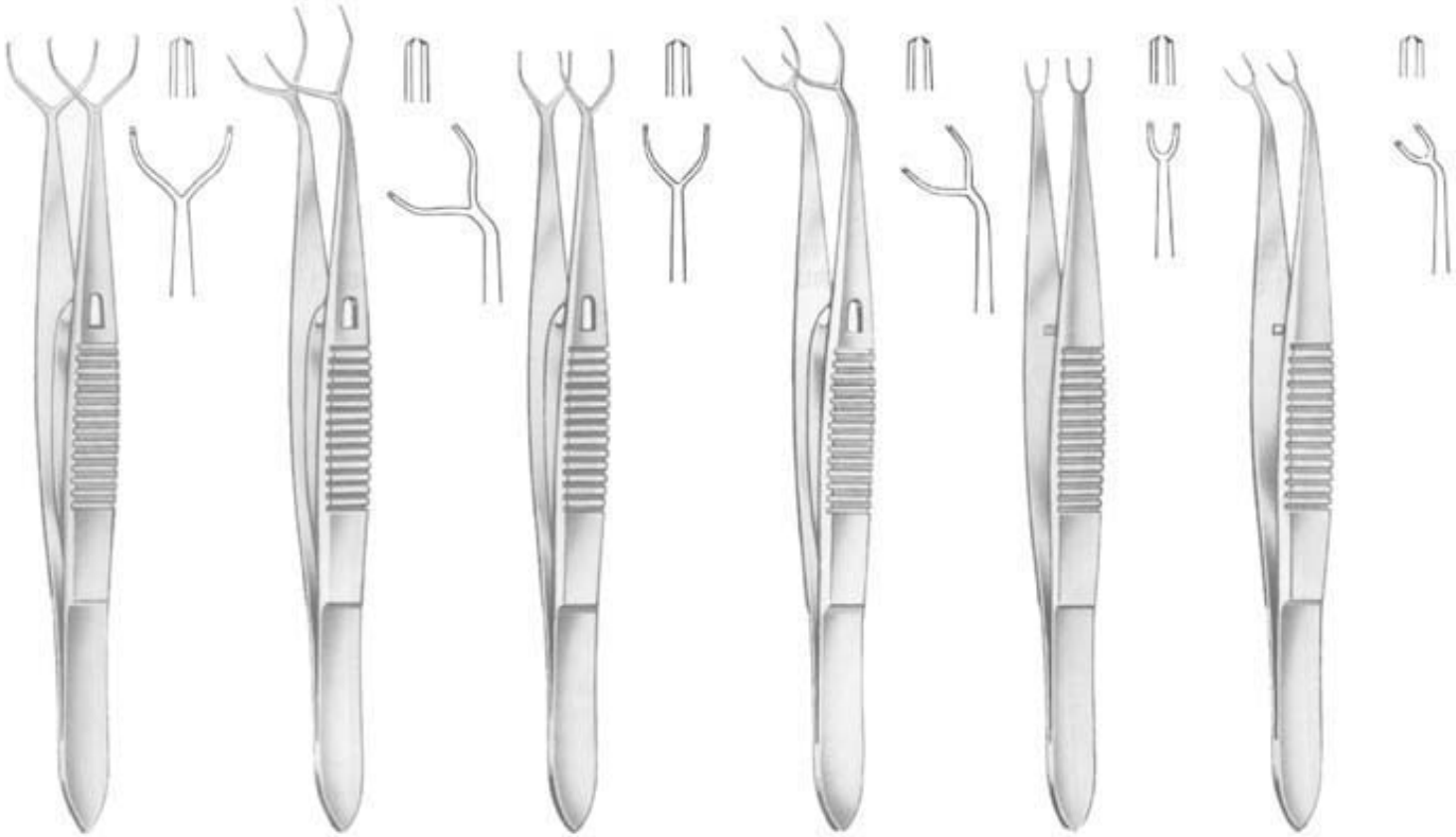


30-10838-02



30-10838-03

Corneal Fixation Forceps



Kremer
30-10842-10
10 cm/4"
0.12 mm

Kremer
30-10843-10
10 cm/4"
0.12 mm

Arrowsmith
30-10848-10
10 cm/4"
0.12 mm

Arrowsmith
30-10849-10
10 cm/4"
0.12 mm

Bores
30-10852-10
10 cm/4"
0.12 mm

Rubman-Bores
30-10853-10
10 cm/4"
0.12 mm



Without Spring Catch
30-10858-11

With Spring Catch
30-10860-11

Graefe
11 cm/4½"



2 : 3 Teeth

30-10864-11
11 cm/4½"



3 : 4 Teeth

30-10866-11
11 cm/4½"



Castroviejo
30-10870-09
9 cm/3½"



Castroviejo
30-10872-09
9 cm/3½"



Moorfield
30-10876-10
10 cm/4"



Lester
30-10880-02 1 : 2
30-10882-03 2 : 3
9 cm/3½"



Castroviejo
10 cm/4"

Straight	Width of Teeth	Curved
30-10886-01	0.12 mm	30-10887-01
30-10886-02	0.30 mm	30-10887-02
30-10886-03	0.50 mm	30-10887-03
30-10886-04	1.00 mm	30-10887-04
30-10886-05	1.05 mm	30-10887-05



Castroviejo
10 cm/4"



Castroviejo
30-10890-09
9 cm/3½"



St. Martin
30-10894-07
7 cm/2¾"



Elschnig
30-10898-11
11.5 cm/4½"



Elschnig
30-10900-11
11.5 cm/4½"



Barraquer
30-10904-10
10 cm/4"



Green
10 cm/4"

Wide	Without Spring Catch	
05 mm	30-10908-05	
10 mm	30-10908-10	

Wide	With Spring Catch	
05 mm	30-10910-05	
10 mm	30-10910-10	



30-10913-12
12 cm/4¾"



30-10914-12
12 cm/4¾"



Woodruff
30-10918-13
13 cm/5"



Woodruff
30-10920-13
13 cm/5"



Jacobi
30-10924-14
14 cm/5½"

Hook Handle



Gigli
31-10928-00

Wire Saws



Gigli
31-10932-30 30 cm/12"
31-10932-40 40 cm/16"
31-10932-50 50 cm/20"

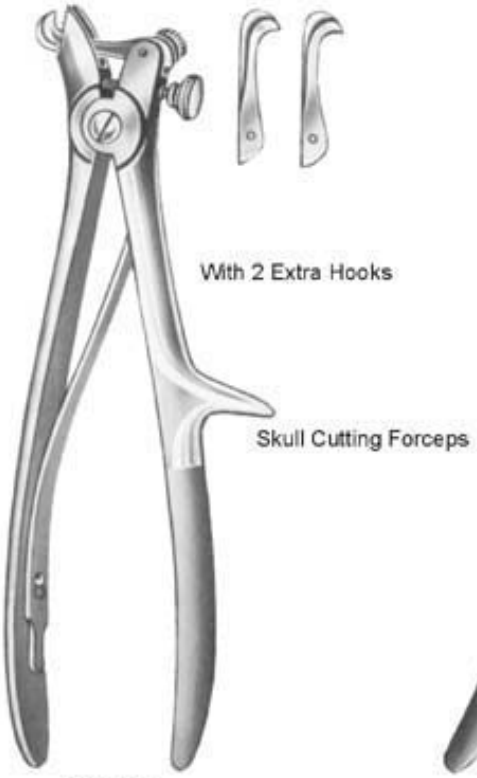
Conductors



Martel
31-10636-33
33 cm/13"

With 2 Extra Hooks

Skull Cutting Forceps



Dahlgren
31-10640-20
20 cm/8"

With 1 Hook Each



De Vilbiss
31-10644-21
21 cm/8¼"



Crutchfield
31-10948-00



Crutchfield
31-10952-00



31-10956-00

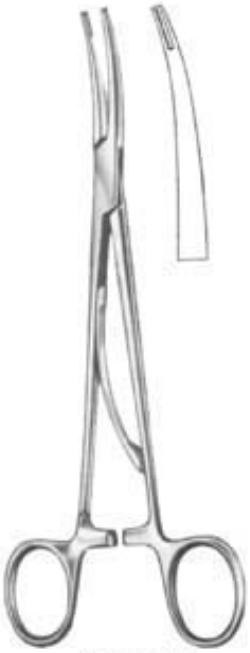


Crutchfield
31-10960-00
Complete With 2 Drills

Applying and Removing Forceps



Raney
31-10964-00
16 cm/6¼"



McKenzie
31-10968-15 15 cm/6"
31-10968-19 19 cm/7½"



Olivecrona-Tonnis
31-10972-14

Medial



mm
31-10976-40 40 x 20
31-10976-45 45 x 20
31-10976-50 50 x 20
31-10976-55 55 x 20
31-10976-60 60 x 20

Lateral



mm
31-10978-40 40 x 20
31-10978-45 45 x 20
31-10978-50 50 x 20
31-10978-55 55 x 20
31-10978-60 60 x 20



mm
31-10980-40 40 x 20
31-10980-45 45 x 20
31-10980-50 50 x 20
31-10980-55 55 x 20
31-10980-60 60 x 20



Blunt Blades, For Taking
mm
31-10982-50 50 x 25
31-10982-50 60 x 25



mm
31-10984-35 35 x 52
31-10984-40 40 x 52
31-10984-45 45 x 52
31-10984-50 50 x 52
31-10984-55 55 x 52
31-10984-60 60 x 52
31-10984-65 65 x 52
31-10984-70 70 x 52



mm
31-10986-35 35 x 37
31-10986-40 40 x 37
31-10986-45 45 x 37
31-10986-50 50 x 37
31-10986-55 55 x 37
31-10986-60 60 x 37
31-10986-60 65 x 37
31-10986-60 70 x 37



mm
31-10988-35 35 x 22
31-10988-40 40 x 22
31-10988-45 45 x 22
31-10988-50 50 x 22
31-10988-55 55 x 22
31-10988-60 60 x 22
31-10988-65 65 x 22
31-10988-70 70 x 22

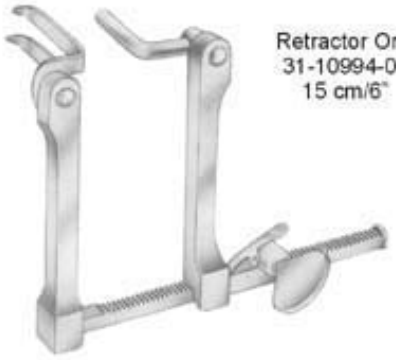


mm
31-10990-50 50

Hook



mm
31-10992-70 70



Retractor Only
31-10994-01
15 cm/6"

Caspar
31-10994-00

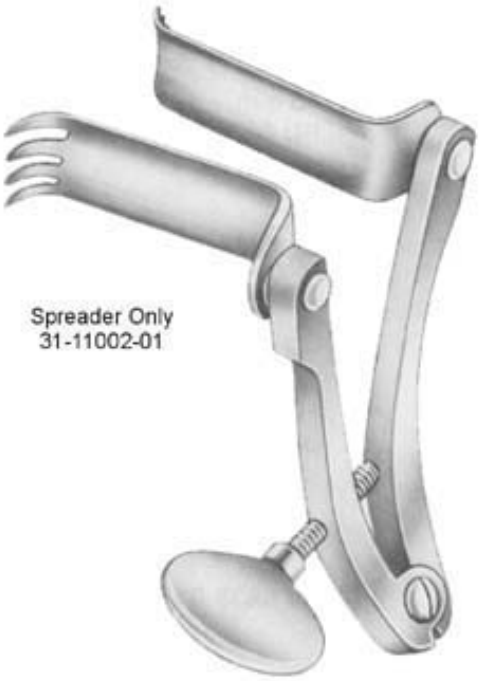
Retractor Complete With
1 Blade Each
31-10988-40
31-10990-50



Retractor Only
31-10998-01
12 cm/4¾"

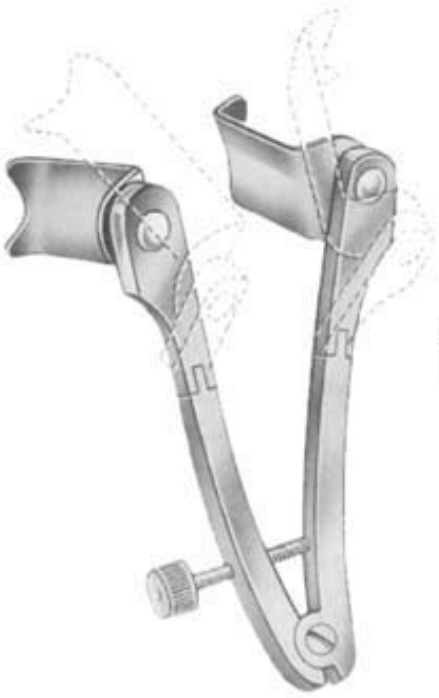
Caspar
31-10998-00

Retractor Complete With
1 Blade Each
31-10976-40
31-10978-40



Spreader Only
31-11002-01

Caspar
31-11002-00
Retractors Only
Spreade Complete With
1 Blade Each
31-11976-45
31-11976-60



Spreader Only
31-11006-01

Caspar
31-11006-00
Spreader Only
Reractor Complete With
1 Blade Each
31-11980-40
31-11980-40



31-11010-01
15 cm/6"
Retractor only

Caspar
31-11010-00
31-10980-45
31-10980-65
Retractor complete with
1 blade each



31-11014-01
15 cm/6"
Retractor only

Caspar
31-11014-00
31-10980-45
31-10980-65
Retractor adjustable, con
1 blade each



31-11018-01
Retractor only
with 1 fixed blade

Caspar
31-11018-00
Retractor complete,
eith 5 blades



31-11018-40
40 mm



31-11018-45
45 mm



31-11018-50
50 mm



31-11018-55
55 mm



31-11018-60
60 mm



31-11022-01
Retractor only

Cloward
31-11022-00
25 cm/10"
complete with 5 blades



31-11022-40
15x40 mm



31-11022-45
15x45 mm



31-11022-50
15x50 mm



31-11022-55
15x55 mm



31-11022-60
15x60 mm



31-11026-01
Retractor only

Cloward
31-11026-00
15 cm/6"
complete with 5 blades



31-11026-40
15x40 mm



31-11026-45
15x45 mm



31-11026-50
15x50 mm



31-11026-55
15x55 mm



31-11026-60
15x60 mm



Inge
31-11030-16
16 cm/6¼"



Inge
31-11032-25
27 cm/10¾"

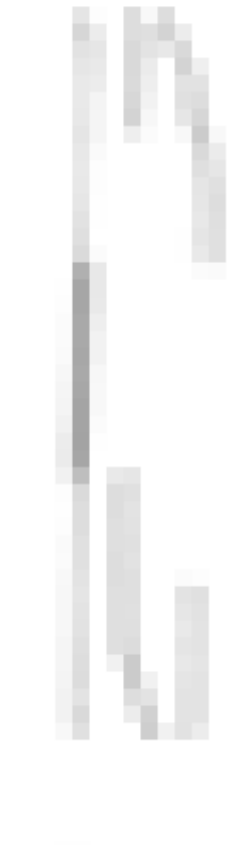


Cloward
31-11036-15
15 cm/6"



Cloward
31-11040-16
16 cm/6¼"







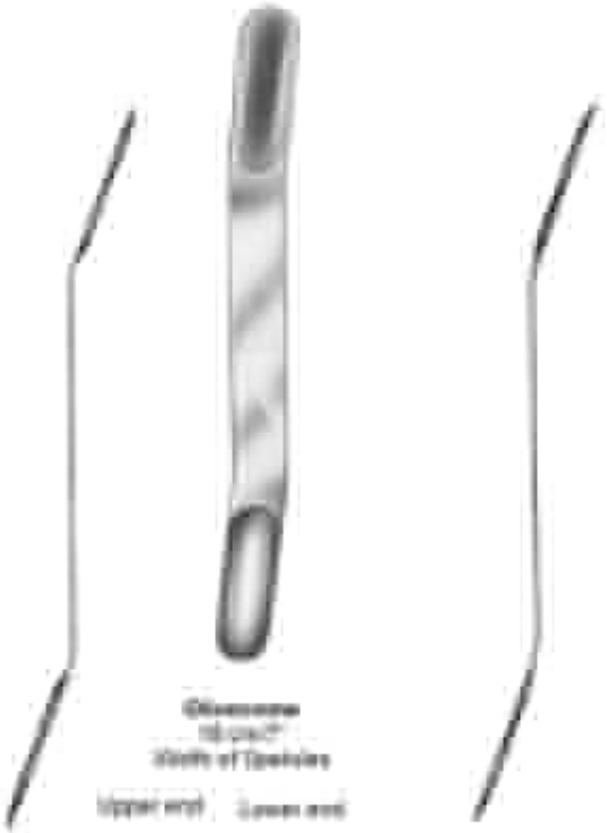






Cushing

17 cm/6½"	31-11136-17
20 cm/8"	31-11136-20
28 cm/11"	31-11136-28



Obwegeser
16 cm/6"
Width of Spatulas

Concave	Upper end mm	Lower end mm	Curved
31-11140-06	7	9	31-11142-06
31-11140-09	11	13	31-11142-09
31-11140-12	13	15	31-11142-12
31-11140-14	16	20	31-11142-14



Width of Spatulas

Upper end mm		Lower end mm
7	31-11144-08	9
10	31-11144-11	11
13	31-11144-13	14
16	31-11144-17	17
19	31-11144-20	20
22	31-11144-25	22

Malleable
23 cm/9"



Width of Spatulas

	mm
31-11146-08	8
31-11146-11	11
31-11146-13	14
31-11146-17	17

Length of Spatulas

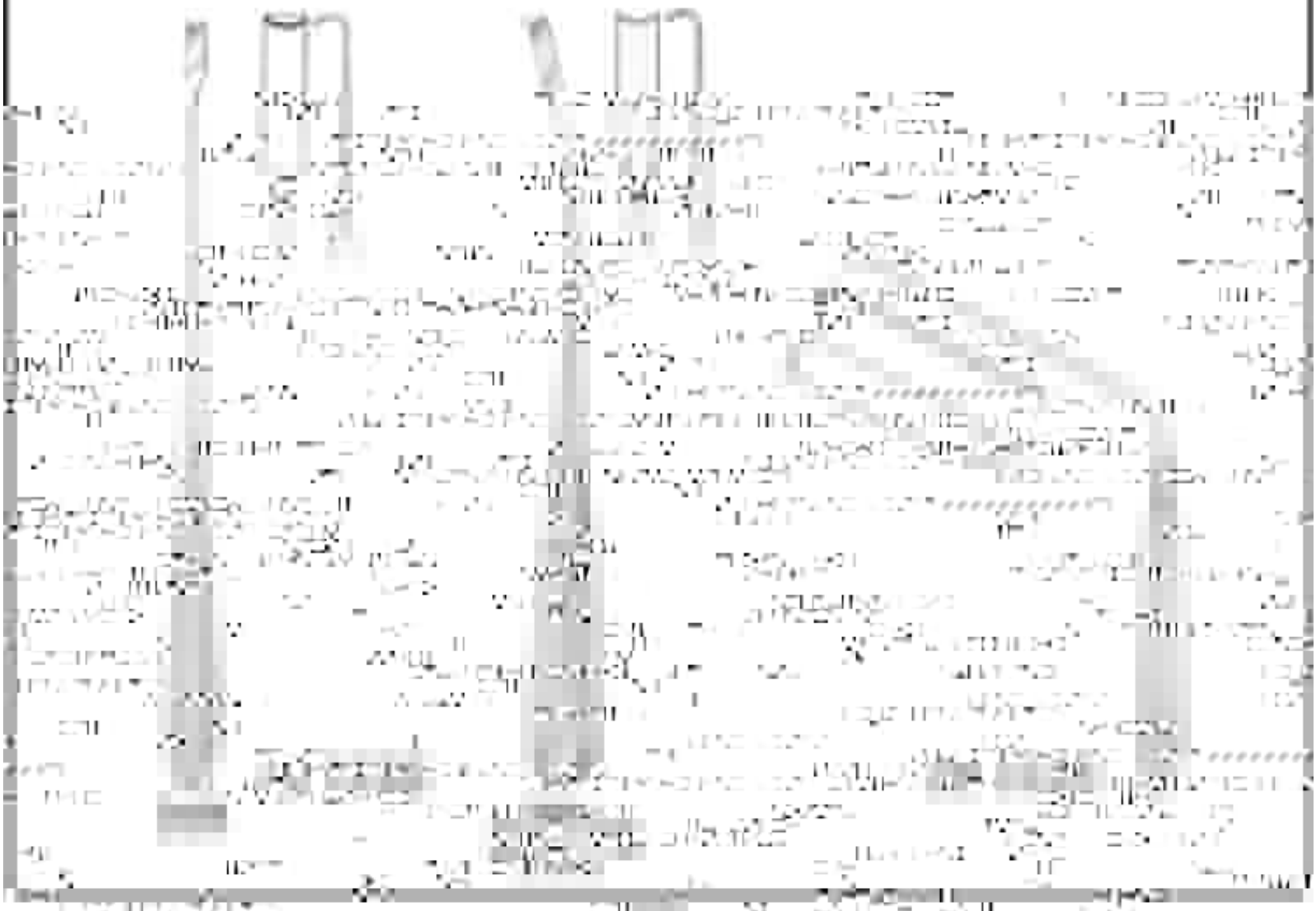
Malleable
13 cm/5"

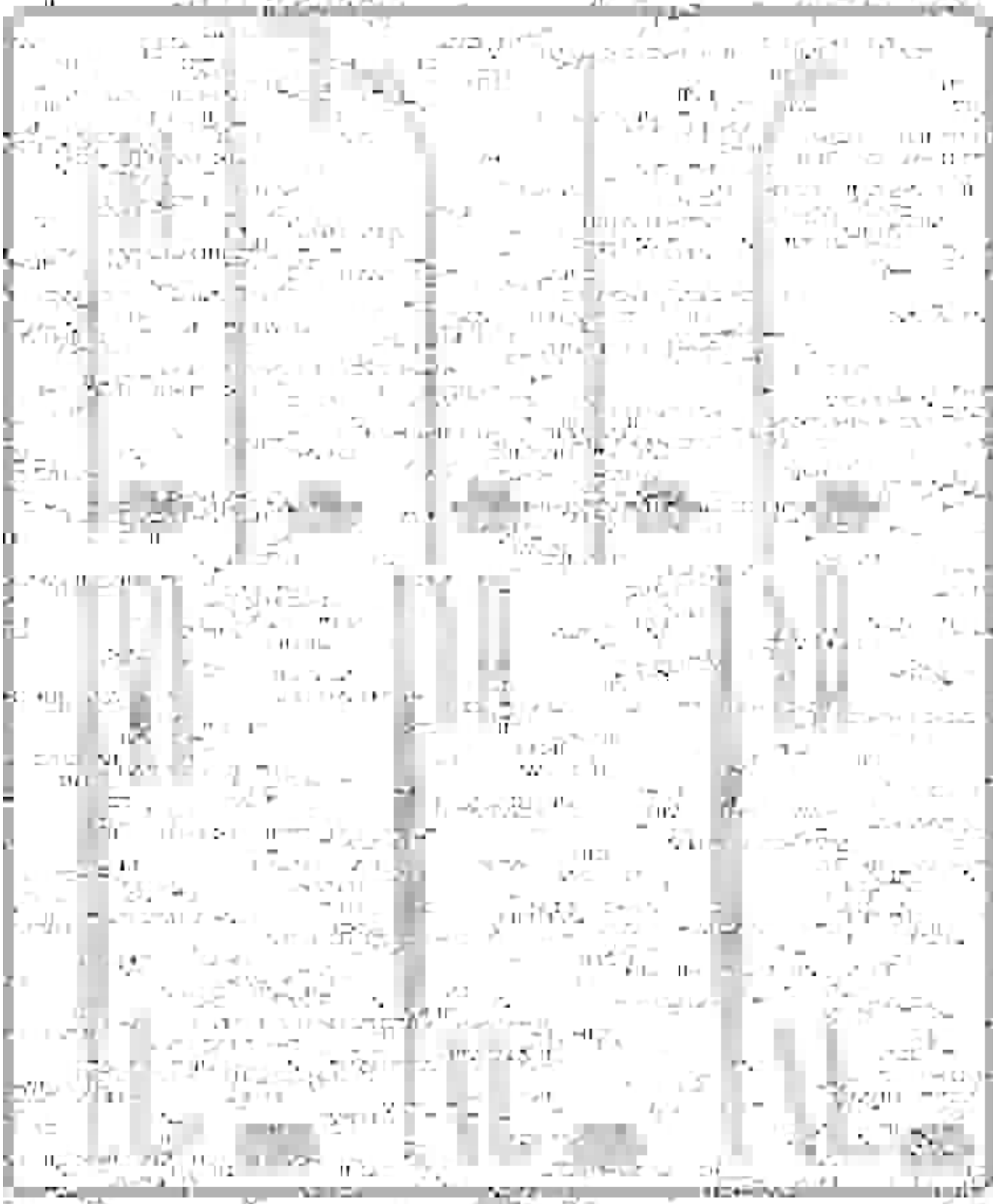














Graham
31-11218-16
16.5 cm/6½"



Toennis
31-11222-15
15 cm/6"



Frazier
31-11226-13 13 cm/5"
31-11226-18 18 cm/7"



Toennis
31-11230-13 13 cm/5"
31-11230-18 18 cm/7"



Olivecrona
31-11234-23
23 cm/9"



Olivecrona
31-11236-20
20.5 cm/8"



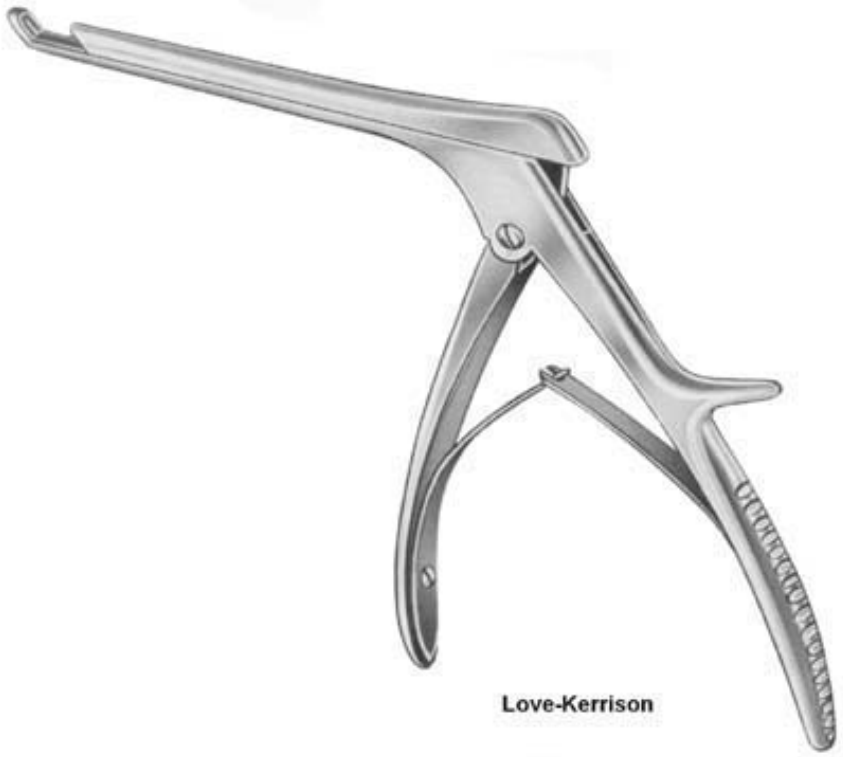
Ferris-Smith-Kerrison

		Width of Bite	Length of Shaft 15 cm/6"	20 cm/8"	18 cm/7"
Cutting Upward		0.6 mm			31-11252-00
		1 mm			31-11252-01
		2 mm			31-11252-02
		3 mm	31-11240-03	31-11246-03	31-11252-03
		4 mm			31-11252-04
		5 mm	31-11240-05	31-11246-05	31-11252-05
Cutting Upward 40°		0.6 mm			31-11254-00
		1 mm			31-11254-01
		2 mm			31-11254-02
		3 mm	31-11242-03	31-11248-03	31-11254-03
		4 mm			31-11254-04
		5 mm	31-11242-05	31-11248-05	31-11254-05
Cutting Downwards		0.6 mm			31-11256-00
		1 mm			31-11256-01
		2 mm			31-11256-02
		3 mm	31-11244-03	31-11250-03	31-11256-03
		4 mm			31-11256-04
		5 mm	31-11244-05	31-11250-05	31-11256-05



Ferris-Smith-Kerrison

		Width of Bite	Length of Shaft		
			15 cm/6"	20 cm/8"	18 cm/7"
Cutting Upward		3 mm 5 mm	31-11260-03 31-11260-05	31-11266-03 31-11266-05	31-11272-03 31-11272-05
Cutting Upward 40°		3 mm 5 mm	31-11262-03 31-11262-05	31-11268-03 31-11268-05	
Cutting Downward		3 mm 5 mm	31-11264-03 31-11264-05	31-11270-03 31-11270-05	31-11274-03 31-11274-05



Love-Kerrison

		Width of Bite	Length of Shaft		
			15 cm/6"	20 cm/8"	18 cm/7"
Cutting Upward		2 mm			31-11286-02
		3 mm	31-11278-03	31-11282-03	31-11286-03
		4 mm	31-11278-04	31-11282-04	31-11286-04
		5 mm	31-11278-05	31-11282-05	31-11286-05
		6 mm			31-11286-06
Cutting Upward 40°		2 mm			31-11288-02
		3 mm			31-11288-03
		4 mm			31-11288-04
		5 mm			31-11288-05
		6 mm			31-11288-06
Cutting Downward		2 mm			31-11290-02
		3 mm	31-11280-03	31-11284-03	31-11290-03
		4 mm	31-11280-04	31-11284-04	31-11290-04
		5 mm	31-11280-05	31-11284-05	31-11290-05
		6 mm			31-11290-06
Cutting Upward 40°		2 mm			31-11292-02
		3 mm			31-11292-03
		4 mm			31-11292-04
		5 mm			31-11292-05
		6 mm			31-11292-06



Colclough

		Width of Bite	Length of Shaft 15 cm/6"	Length of Shaft 20 cm/8"
Cutting Upward		3 mm 5 mm	31-11296-03 31-11296-05	31-11302-03 31-11302-05
Cutting Upward 40°		3 mm 5 mm	31-11298-03 31-11298-05	31-11304-03 31-11304-05
Cutting Downward		3 mm 5 mm	31-11300-03 31-11300-05	31-11306-03 31-11306-05



	Length Of Shaft			
Cushing 2 x 10 cm	5"/13 cm	31-11310-01	31-11310-02	31-11310-03
	6"/15 cm	31-11312-01	31-11312-02	31-11312-03
	7"/18 cm	31-11314-01	31-11314-02	31-11314-03
Love-Grunwald 3 x 10 cm	5"/13 cm	31-11316-01	31-11316-02	31-11316-03
	6"/15 cm	31-11318-01	31-11318-02	31-11318-03
	7"/18 cm	31-11320-01	31-11320-02	31-11320-03
Spurling 4 x 10 cm	5"/13 cm	31-11322-01	31-11322-02	31-11322-03
	6"/15 cm	31-11324-01	31-11324-02	31-11324-03
	7"/18 cm	31-11326-01	31-11326-02	31-11326-03



	Length Of Shaft			
Cushing 2 x 10 cm	5"/13 cm	31-11330-01	31-11330-02	31-11330-03
	6"/15 cm	31-11332-01	31-11332-02	31-11332-03
	7"/18 cm	31-11334-01	31-11334-02	31-11334-03
Love-Grunwald 3 x 10 cm	5"/13 cm	31-11336-01	31-11336-02	31-11336-03
	6"/15 cm	31-11338-01	31-11338-02	31-11338-03
	7"/18 cm	31-11340-01	31-11340-02	31-11340-03
Spurling 4 x 10 cm	5"/13 cm	31-11342-01	31-11342-02	31-11342-03
	6"/15 cm	31-11344-01	31-11344-02	31-11344-03
	7"/18 cm	31-11346-01	31-11346-02	31-11346-03

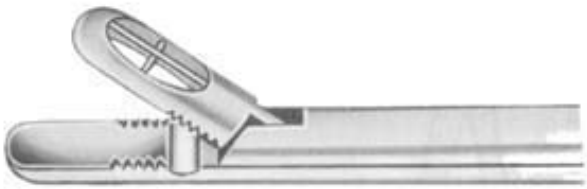


Ferris-Smith



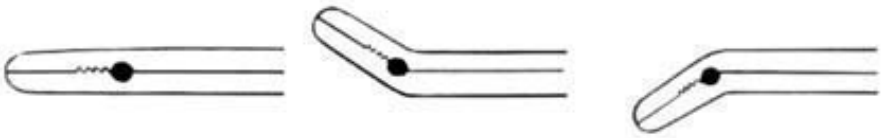


Widh Of Jaw			
2 x 10 mm	31-11350-01	31-11350-02	31-11350-03
3 x 10 mm	31-11352-01	31-11352-02	31-11352-03
4 x 10 mm	31-11354-01	31-11354-02	31-11354-03



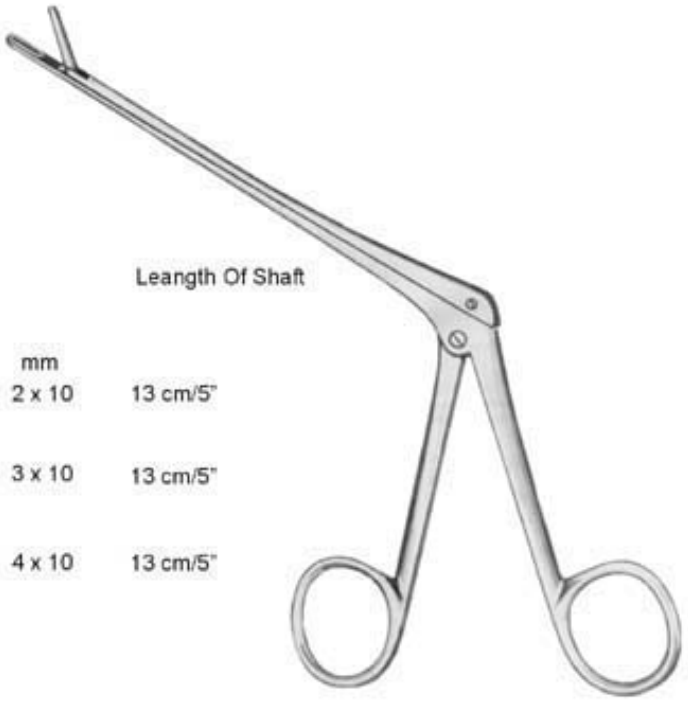
Serrated and Fenestrated Jaws





Widh Of Jaw	Length Of Shaft			
mm 2 x 12	14 cm/5 ½"	31-11358-01	31-11358-02	31-11358-03
	16 cm/6 ¼"	31-11360-01	31-11360-02	31-11360-03
3 x 12	14 cm/5 ½"	31-11362-01	31-11362-02	31-11362-03
	16 cm/6 ¼"	31-11364-01	31-11364-02	31-11364-03
4 x 14	14 cm/5 ½"	31-11366-01	31-11366-02	31-11366-03
	16 cm/6 ¼"	31-11368-01	31-11368-02	31-11368-03
5 x 14	14 cm/5 ½"	31-11370-01	31-11370-02	31-11370-03
	16 cm/6 ¼"	31-11372-01	31-11372-02	31-11372-03
6 x 16	14 cm/5 ½"	31-11374-01	31-11374-02	31-11374-03
	16 cm/6 ¼"	31-11376-01	31-11376-02	31-11376-03

Serrated Jaws

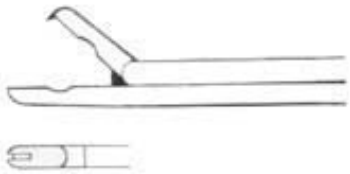


Leangth Of Shaft

		mm	
	31-11378-02	2 x 10	13 cm/5"
	31-11378-03	3 x 10	13 cm/5"
	31-11378-04	4 x 10	13 cm/5"

Schlesinger

Grasping Forceps





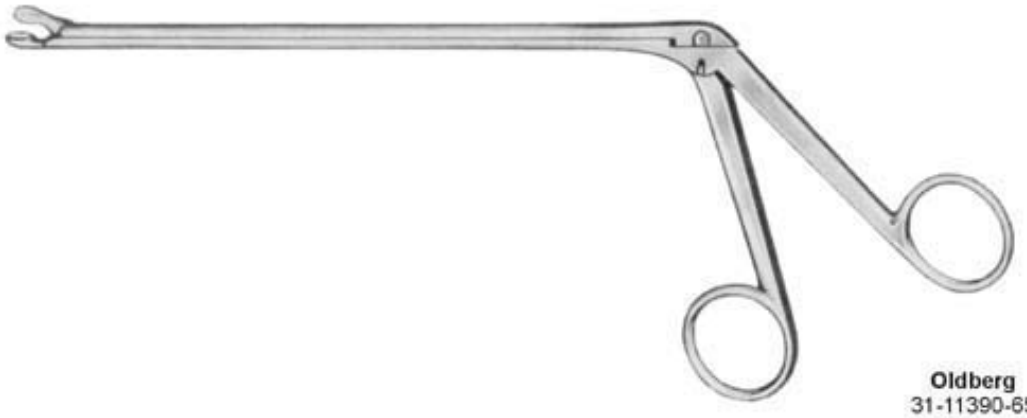
31-11382-16



Ø3.5 mm

Yasargil
31-11386-35
19.5 cm/7¾"

Ø 6.5 mm



Oldberg
31-11390-65
18 cm/7"



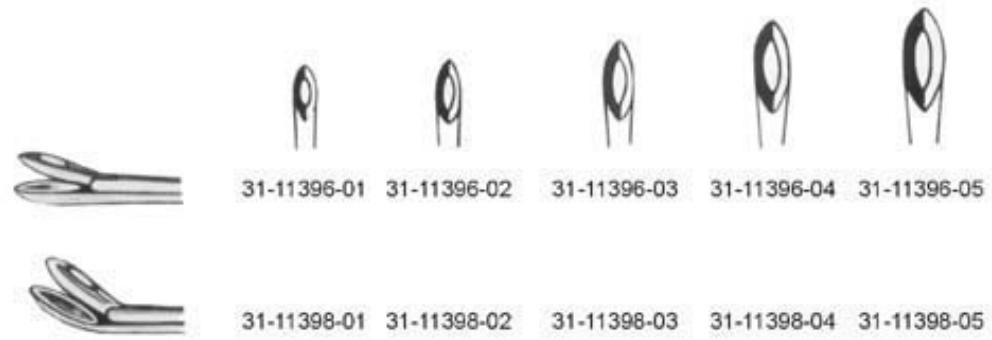
Ø9 mm

Landolt
31-11392-90
21 cm/8¼"

Tumor Grasping Forceps Blunt



Weil-Blakesley



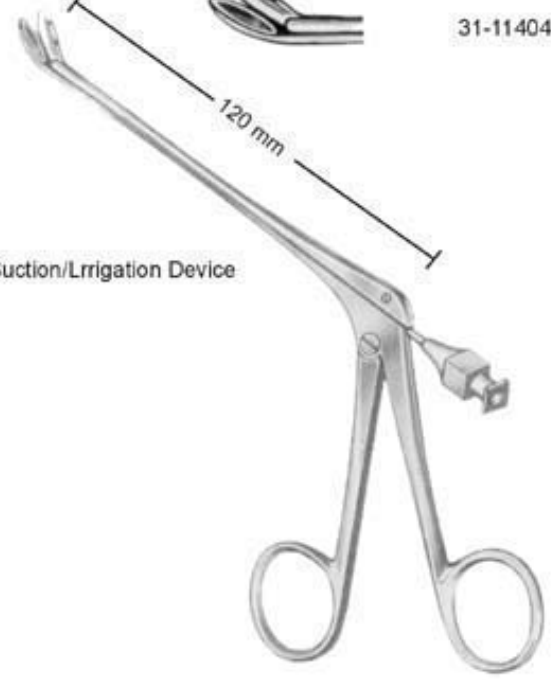
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31-11398-01 31-11398-02 31-11398-03 31-11398-04 31-11398-05



31-11402-01 31-11402-02 31-11402-03 31-11402-04 31-11402-05

31-11404-01 31-11404-02 31-11404-03 31-11404-04 31-11404-05



With Suction/Lrrigation Device

Weil-Blakesley



31-11408-01
5 x 4 mm



31-11408-02
5 x 4 mm



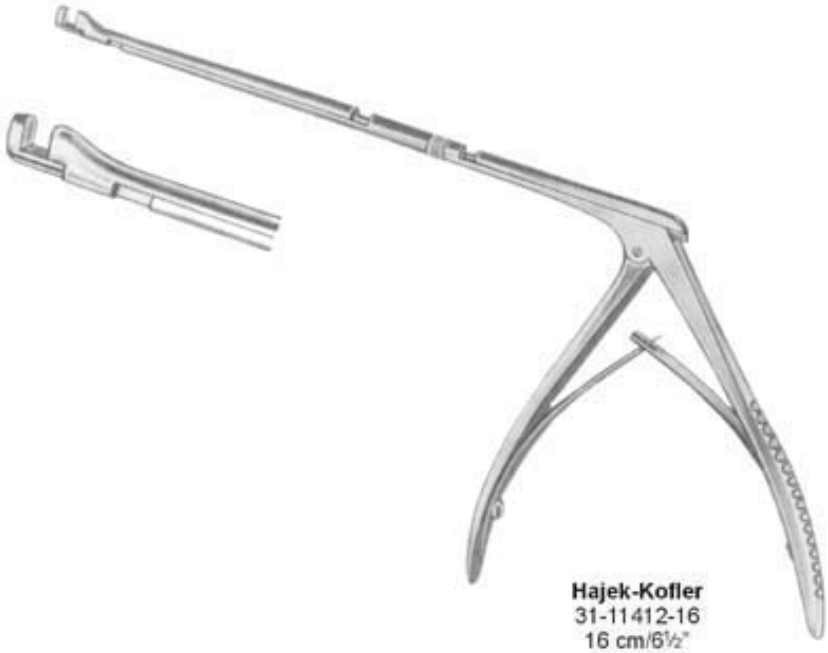
31-11408-03
5x 3.5 mm



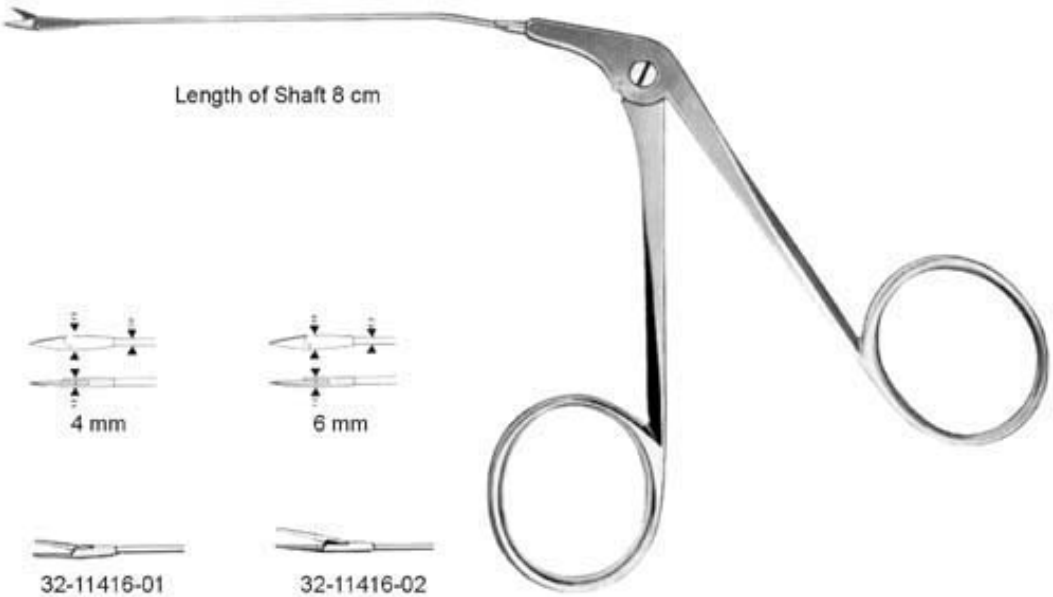
31-11408-04
5 x 3.5 mm

Hajek
(Hajek-Kofler)
14 cm/5½"

360° Turnable



Hajek-Kofler
31-11412-16
16 cm/6½"



Micro Forceps

4 mm

6 mm

Straight

32-11416-01

32-11416-02

Angled Up


32-11416-03

Straight


32-11418-01
Ø 1 mm

Oval Cup Jaws


32-11418-02

Micro Scissors

Straight


32-11420-01

Angled Up

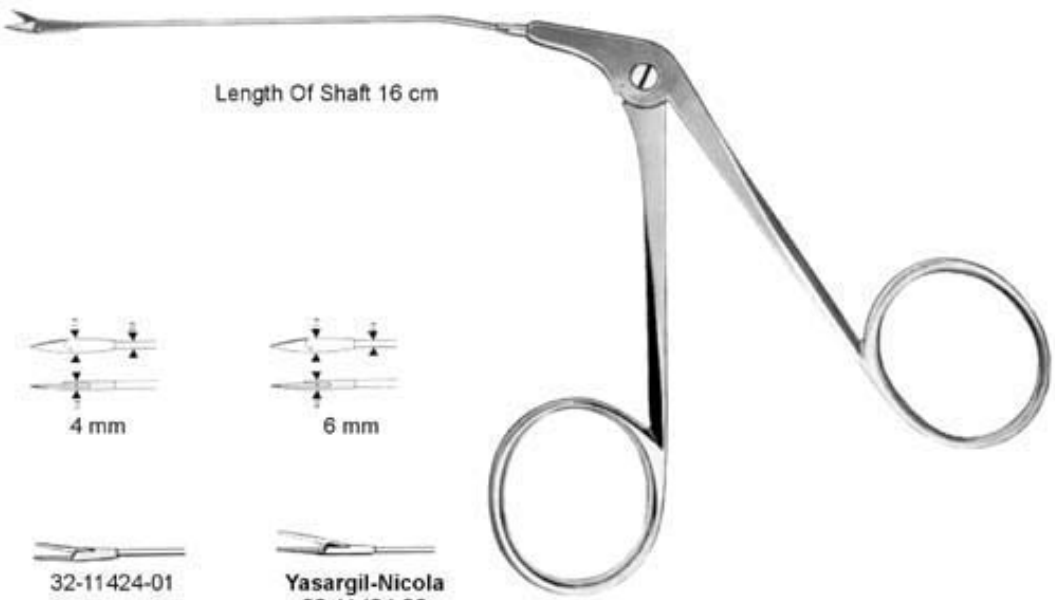

32-11420-02

Curved Right


32-11420-03

Curved Left


32-11420-04



Micro Forceps

4 mm

6 mm

Straight

32-11424-01

Yasargil-Nicola
32-11424-02

Angled Up


32-11424-03

Cup-Shaped Forceps

Straight


32-11426-01
Ø 01 mm
32-11426-02
Ø 25 mm

Oval Cup Jaws


32-11426-03

Micro Forceps

Straight


Nicola
32-11428-01

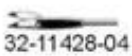
Angled Up


Fahlbusch
32-11428-02

Curved Right


32-11428-03

Curved Left


32-11428-04

Micro Scissors

Length of Shaft 14 cm



Decker



Straight
32-11430-01



Curved Right
32-11430-02



Curved Left
32-11430-03



Jacobson
32-11432-00
18.5 cm/7¼"



Koos
32-11432-01
18.5 cm/7¼"



Koos
32-11432-02
18.5 cm/7¼"



Koos
32-11432-03
18.5 cm/7¼"



Koos
32-11432-04
18.5 cm/7¼"



Koos
32-11434-01
18.5 cm/7¼"



Koos
32-11434-02
18.5 cm/7¼"



Yasargil
32-11434-03
18.5 cm/7¼"



Yasargil
32-11434-04
18.5 cm/7¼"





Yasargil
32-11438-01
18.5 cm/7¼"



Yasargil
32-11438-02
18.5 cm/7¼"



Yasargil
32-11438-03
18.5 cm/7¼"



Yasargil
32-11438-04
18.5 cm/7¼"



Yasargil
32-11438-05
18.5 cm/7¼"



Yasargil
32-11440-01
18.5 cm/7¼"



Yasargil
32-11440-02
18.5 cm/7¼"

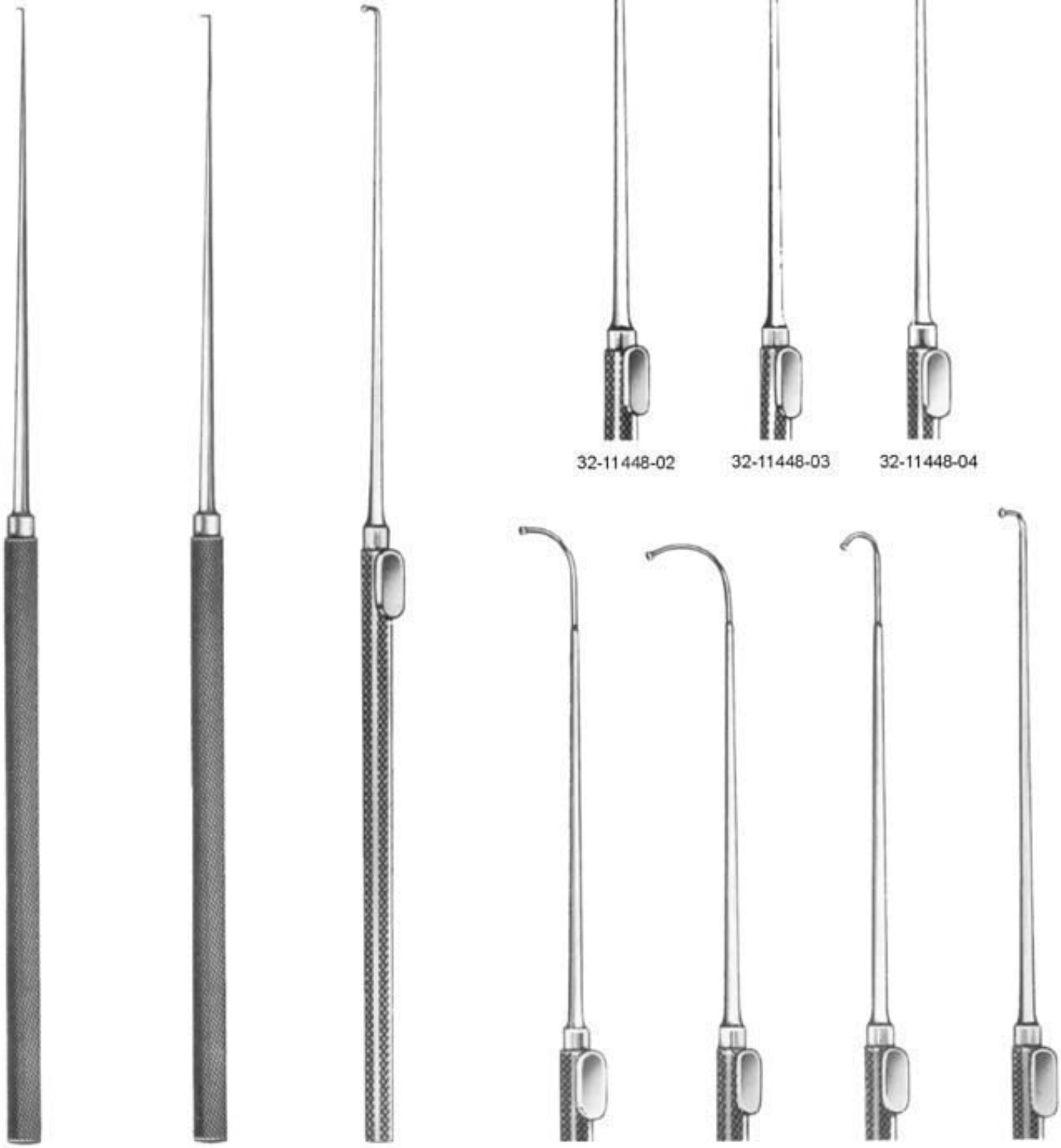


Yasargil
32-11440-03
18.5 cm/7¼"



Yasargil
32-11440-04
18.5 cm/7¼"

32-11448-02 32-11448-03 32-11448-04



32-11444-01
18.5 cm/7¼"

32-11444-02
18.5 cm/7¼"

krayenbuhl
32-11448-01
18.5 cm/7¼"

Yasargil
32-11450-01
18.5 cm/7¼"

Yasargil
32-11450-02
18.5 cm/7¼"

Yasargil
32-11450-03
18.5 cm/7¼"

Yasargil
32-11450-04
18.5 cm/7¼"



Tissue Pick
32-11454-11
11 cm/4⅛"

Tissue Pick
32-11456-10 1.0 mm
32-11456-18 1.8 mm
18.5 cm/7¼"

Vessel Dilator
32-11460-05 0.5 mm
32-11460-10 1.0 mm
32-11460-15 1.5 mm
12.5 cm/5"

Jacobson
Probe
32-11464-01
18.5 cm/7¼"

Vessel Probe
32-11464-02

Suture Pusher
32-11464-03



Rhoton
19 cm/7½"



Dissector Round
32-11470-01
Ø 1 mm



Dissector Round
32-11470-02
Ø 2 mm



Dissector Round
32-11470-03
Ø 3 mm



Dissector Spatula Shaped
32-11470-04
Ø 1 mm



Dissector Spatula Shaped
32-11470-05
Ø 1.5 mm



Dissector Spatula Shaped
32-11470-06
Ø 2.0 mm



Elevator
32-11470-07
Ø 1.2 mm



Elevator
32-11470-08
Ø 2.8 mm



Needle Semi-Sharp
32-11470-09



Hook Blunt
32-11470-10
90° 2 mm



Hook Semi-Sharp
32-11470-11
90° 2 mm



Hook Semi-Sharp
32-11470-12
45° 3 mm



Probe Angled
32-11470-13
90°



Probe Angled
32-11470-14
1.0 x 2.0 mm



Probe Angled
32-11470-15
1.0 x 2.0 mm
45°

Jannetta Microsurgical Instruments

Dissectors, Raspatories, Hooks, Elevators, Knives and Probes



Jannetta
19 cm/7½"



Dissector,Small
32-11474-01



Dissector,large
32-11474-02



Raspatory
32-11474-03



Hook,Small
32-11474-04
90°



Hook Medium
32-1474-05
90°



Hook large
32-1474-06
90°



Hook Angular
32-1474-07
45°



Hook Medium
32-1474-08
45°



Elevator Angula
32-1474-09



Knife Hollow Small
32-1474-10



Knife Hollow Large
32-1474-11



Probe ball-tipped
32-1474-12



Ligature Carrier left
32-11474-13



Ligature Carrier right
32-11474-14



Fork Small
32-11474-15
30°



Fork Large
Probe Ball-Tipped
32-11474-16
30°



19 cm/7½"



Micro Dissectors
32-11478-01
2 mm



32-11478-02
5mm



32-11478-03
8mm

Nerve Hooks



32-11478-04
3mm



32-11478-05
5mm

Micro Ligature Needle



Samil
20 cm/8"
23 cm/9"



32-11482-01
32-11484-01
1.0 x 5.0 mm

20 cm/8"
20 cm/9"



32-11482-01
32-11484-02
1.5 x 5.0 mm



32-11482-03
32-11484-03
2.0 x 5.5 mm

20 cm/8"
23 cm/9"



32-11482-04
32-11484-04
2.5 x 6.0 mm



32-11482-05
32-11484-05
3.0 x 7.0 mm

20 cm/8"
23 cm/9"



32-11482-06
32-11484-06
3.5 x 7.0 mm



32-11482-07
32-11484-07
4.0 x 7.5 mm

20 cm/8"
23 cm/9"



32-11482-08
32-11484-08
5.0 x 8.0 mm



Working Length
12.5 cm/5"



Angaled up 32-11488-01
Curved down 32-11488-02
Curved right 32-11488-03
Curved left 32-11488-04



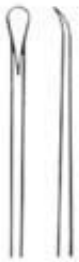
24 cm/9½"



Curved upwards
32-11488-05



Angled up
32-11488-06
1.0 x1.0 mm



Angled up
32-11488-07
2.5 x 5 mm



Curved up
32-11488-08
1.0 x 4 mm



Curved up
32-11488-09
1.5 x 5 mm



Straight
32-11488-10
0.4 mm



Curved up
32-11488-11
2.0 x 6 mm



Angled Up 32-11488-12
3 x 5 mm
Angled To Right 32-11488-13
3 x 5 mm
Angled To Left 32-11488-14
3 x 5 mm





	Blunt
Angled Up	32-11492-01
Curved Right	32-11494-01
Curved Left	32-11496-01
	90° 2 mm



	Blunt
	32-11492-02
	32-11494-02
	32-11496-02
	90° 2.5 mm



	Semi-Sharp
	32-11492-03
	32-11494-03
	32-11496-03
	90° 2 mm



	Blunt
Angled Up	32-11492-04
Curved Right	32-11494-04
Curved Left	32-11496-04
	90° 3 mm



	Ball Pointed
	32-11492-05
	32-11494-05
	32-11496-05
	90° 3 mm



	Blunt
	32-11492-06
	32-11494-06
	32-11496-06
	30° 3 mm



Working Length
12.5 cm/5"



24 cm/9½"

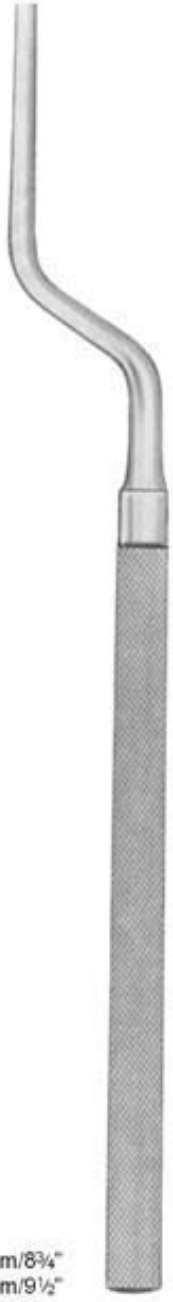


Angled up
32-11500-01
5 mm



Angled up
32-11500-02
8 mm





22 cm/8¾"
24 cm/9½"



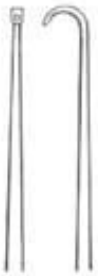
32-11502-01 22 cm/8¾"
32-11504-01 24 cm/9½"



Angled Up
32-11500-03
90° 3mm



Angled Up
32-11500-04
90° 4mm



32-11502-02 22 cm/8¾"
32-11504-04 24 cm/9½"



Angled Up
32-11500-05
90° 5mm



Hardy
24 cm/9½"

Sickle Dissectors

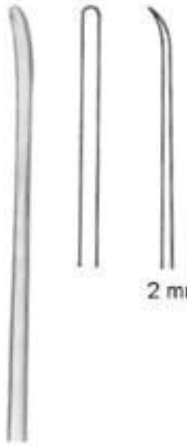


Angled Up	32-11508-01
Curved Down	32-11508-02
Curved Right	32-11508-03
Curved Left	32-11508-04



Hardy

Implant Fork
32-11508-07



2 mm

Angled Up	32-11508-08
Curved Down	32-11508-09
Curved Right	32-11508-10
Curved Left	32-11508-11



Hardy-Fahlbusch
32-11508-05



Hardy-Fahlbusch
32-11508-06

4 mm



Angled Up	32-11508-12
Curved Down	32-11508-13



24 cm/9½"

Spatula Dissectors



Curved Up Flexible
32-11512-01
8 x 100 mm

Curved Down Flexible
32-11512-02
8 x 100 mm



Straight
32-11512-03
5 x 20 mm



32-11512-06
32-11512-07
2 mm

Dissectors Angled



Sharp Angled Up
32-11512-04
5 mm
Sharp Angled Down
32-11512-05

Raspatories



Curved Up
Curved Down

32-11512-08
32-11512-09
4 mm



24 cm/9½"







Right	Up	32-11516-01	32-11516-02	32-11516-03
	Down	32-11518-01	32-11518-02	32-11518-03
	Right	32-11520-01	32-11520-02	32-11520-03
	Left	32-11522-01	32-11522-02	32-11522-03
		Ø 2.5 mm	Ø 4.0 mm	Ø 5.0 mm
		90°	90°	90°







Down	Up	32-11516-04	32-11516-05	32-11516-06
	Down	32-11518-04	32-11518-05	32-11518-06
	Right	32-11520-04	32-11520-05	32-11520-06
	Left	32-11522-04	32-11522-05	32-11522-06
		25 mm	40 mm	5 mm
		45°	45°	45°





32-11526-01
90°
Ø 3 mm



32-11526-02
45°
Ø 3 mm



32-11526-03
90°
Ø 3 mm



32-11526-04
45° Up
Ø 3 mm

With Stick



Stick 5 mm
Up 32-11528-01
Down 32-11530-01
Right 32-11532-01
Left 32-11534-01
90°
Ø 3 mm



Stick 5 mm
32-11528-02
32-11530-02
32-11532-02
32-11534-02
45°
Ø 3 mm



Stick 10 mm
32-11528-03
32-11530-03
32-11532-03
32-11534-03
45°
Ø 3 mm



32-11536-25
Ø 2.5 mm



32-11536-30
Ø 3.0 mm



32-11536-35
Ø 3.5 mm



32-11536-40
Ø 4.0 mm



Sharp
32-11538-01
24 cm/9½ "



32-11538-02



32-11538-03



32-11538-04



32-11538-05



32-11538-06
2.5 mm



32-11538-07
3 mm



32-11538-08
3 mm

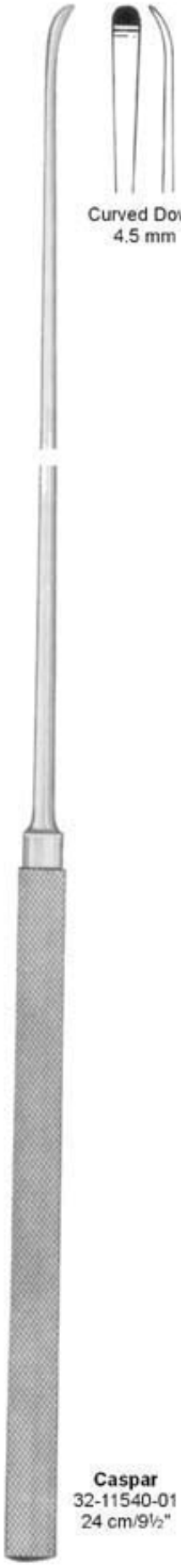


32-11538-09
5 mm



32-11538-10
8 mm

Curved Down
4.5 mm



Caspar
32-11540-01
24 cm/9½"

Curved Down
4.5 mm



Caspar
32-11540-02
24 cm/9½"



Caspar
Curved Down
32-11540-03
24 cm/9½"
2 mm



Curved Down
1 mm



Caspar
32-11540-04
21.5 cm/8½"

Angled Up
1 mm



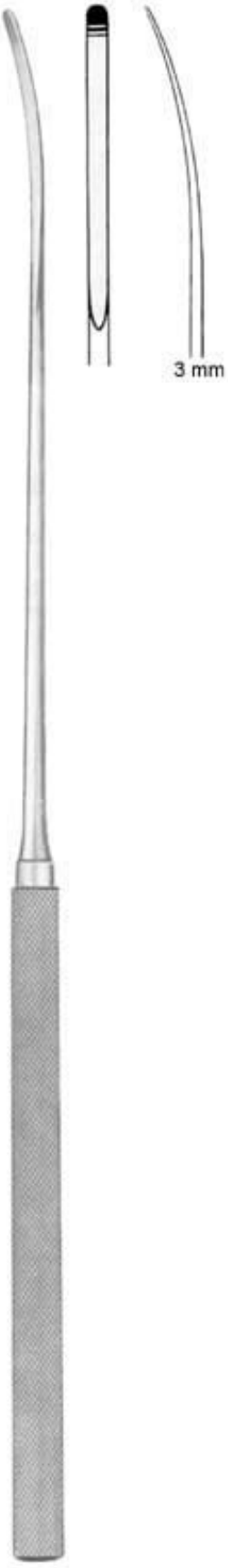
Caspar
32-11540-05
21.5 cm/8½"



Caspar
Curved Down
32-11540-06
21.5 cm/8½"
1 mm



32-11542-01
19 cm/7½"



32-11542-02
21.5 cm/8½"



Ray
19 cm/7½"



Horizantal 45°
32-11546-01
Ø 4 mm



Vertical 45°
32-11546-02
Ø 4 mm



Hardy
32-11550-01
26 cm/10¼"

Hardy
32-11550-02
26 cm/10¼"
Ø 4 mm

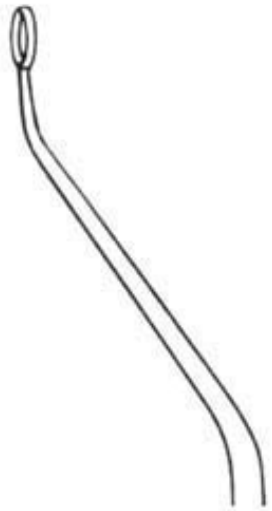


Nicola
21.5 cm/8¼"



Cutting to the Right
32-11552-01
Ø 6.5 mm





Cutting to the Left
32-11552-02
Ø 6.5 mm



Angled Up
32-11552-03
Ø 6.5 mm



Raspatory



Hosobuchi
Fork Spatula Rigid
32-11558-01



Landolt
Curette Malleable
32-11558-02



Nicola
32-11556-21
21.5 cm/8¼"



26 cm/10¾"



Landolt
Blunt Hook Malleable
32-11558-03



Landolt
Curette Malleable
32-11558-04



Landolt
32-11558-05



Landolt
32-11558-06

Enucleators Blunt Malleable



26 cm/10¼"



Landolt-Reulen
Dissector rigid
32-11562-01
2mm



Landolt-Reulen
Blunt Hook rigid
32-11562-02
1.7mm



Fahlbusch
Curette malleable
32-11562-03
2.5 mm Ø



Landolt-Reulen
Curette rigid
32-11562-04
2.5 mm Ø



Fahlbusch
Scoop malleable
32-11562-05



Landolt-Reulen
Raspatory rigid
32-11562-06
2.2 mm
3.2 mm



Cushing-Londolt
32-11566-01 70 x 15 mm
32-11566-02 90 x 15 mm
32-11566-03 110 x 15 mm
Specula For Transsphenoidol

Mirrors





32-11570-06
6 mm



32-11570-10
12 mm



32-11570-08
8 mm



32-11570-012
10mm



Mirror handle
32-11570-00

Ø=Inside Dia



Troltsch
For Babies

Fig. 1 33-11574-01 1.5 mm Ø
Fig. 2 33-11574-02 2.5 mm Ø
Fig. 3 33-11574-03 3.5 mm Ø

33-11574-30
Set of 3
Fig 1-3



Troltsch
For Adults

Fig. 4 33-11574-04 4.0 mm Ø
Fig. 5 33-11574-05 5.0 mm Ø
Fig. 6 33-11574-06 6.0 mm Ø
Fig. 7 33-11574-07 7.0 mm Ø

33-11574-30 Set of 3 Fig 4-6
33-11574-40 Set of 4 Fig 4-7



Politzer

Fig. 1 33-11578-01 2.0 mm Ø
Fig. 2 33-11578-02 3.0 mm Ø
Fig. 3 33-11578-03 4.0 mm Ø

33-12278-30
Set of 3
Fig 1-3



Erhard
For Adults

Fig. 1 33-11582-01 3.0 mm Ø
Fig. 2 33-11582-02 4.0 mm Ø
Fig. 3 33-11582-03 5.0 mm Ø
Fig. 4 33-11582-04 6.0 mm Ø

33-11582-30 Set of 3 Fig.1-3
33-11582-40 Set of 4 Fig.1-4



Hartmann
For Babies

Fig. 1 33-11586-01 2.0 mm Ø



Hartmann
For Children

Fig. 2 33-11586-02 3.0 mm Ø
Fig. 3 33-11586-03 4.0 mm Ø
Fig. 4 33-11586-04 5.5 mm Ø

33-11586-30
Set of 3
Fig.2-4



Hartmann
For Adults

Fig. 3 33-11590-03 4.0 mm Ø
Fig. 4 33-11590-04 5.5 mm Ø
Fig. 5 33-11590-05 6.5 mm Ø
Fig. 6 33-11590-06 7.5 mm Ø

33-11590-30 Set of 3 Fig.4-6
33-11590-40 Set of 4 Fig.3-6



Toynbee
For Adults

Fig. 1 33-11594-01 4.5 mm Ø
Fig. 2 33-11594-02 5.5 mm Ø
Fig. 3 33-11594-03 6.5 mm Ø
Fig. 4 33-11594-04 7.5 mm Ø

33-11594-30 Set of 3 Fig.2-4
33-11594-40 Set of 4 Fig.1-4

Alu Black

Ø=Inside Dia



33-11598-60
Set of 6
Fig. 1-6

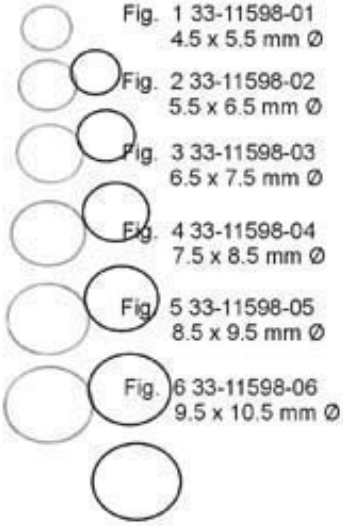


Fig. 1 33-11598-01
4.5 x 5.5 mm Ø

Fig. 2 33-11598-02
5.5 x 6.5 mm Ø

Fig. 3 33-11598-03
6.5 x 7.5 mm Ø

Fig. 4 33-11598-04
7.5 x 8.5 mm Ø

Fig. 5 33-11598-05
8.5 x 9.5 mm Ø

Fig. 6 33-11598-06
9.5 x 10.5 mm Ø





Fig. 1 33-11602-01
2.8 x 3.8 mm Ø

Fig. 2 33-11602-02
3.8 x 4.8 mm Ø

Fig. 3 33-11602-03
5.0 x 6.2 mm Ø

Fig. 4 33-11602-04
6.0 x 7.2 mm Ø

Fig. 1 33-11604-01
4.5 mm Ø

Fig. 2 33-11604-02
5.0 mm Ø

Fig. 3 33-11604-03
5.5 mm Ø

Fig. 4 33-11604-04
6.0 mm Ø

Gruber

33-11602-30
Set of 3
Fig. 2-4

33-11602-40
Set of 4
Fig. 1-4

33-11604-40
Set of 3
Fig. 2-4

33-11604-40
Set of 4
Fig. 1-4

Black



Hartmann
33-11608-40
Set of 4
Fig. 1-4

Fig. 1 33-11608-01
3.0 mm Ø

Fig. 2 33-11608-02
4.0 mm Ø

Fig. 3 33-11608-03
5.0 mm Ø

Fig. 4 33-11608-04
7.0 mm Ø

Black



Hartmann
33-11608-20
Set of 2
Fig. 5-6

Fig. 5 33-11608-05
9.0 mm Ø

Fig. 6 33-11608-06
11.0 mm Ø



Boucheron
33-11612-40
Set of 4
Fig. 3-6

33-11612-03 3.5 mm Ø
33-11612-04 4.5 mm Ø
33-11612-05 5.5 mm Ø
33-11612-06 6.5 mm Ø



33-11618-01



33-11618-02
Fig. 1 33-11618-01 4.2 x 3.8 mm
Fig. 2 33-11618-02 5.5 x 3.8 mm
Fig. 3 33-11618-03 6.5 x 3.8 mm
33-11618-30
Set of 3
Fig. 1-3



33-11618-03



33-11620-01

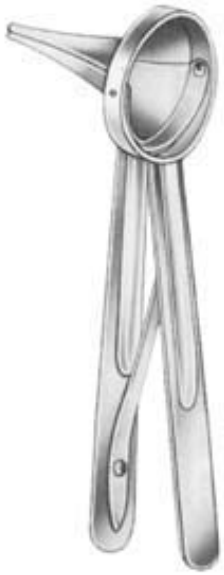


33-11620-02



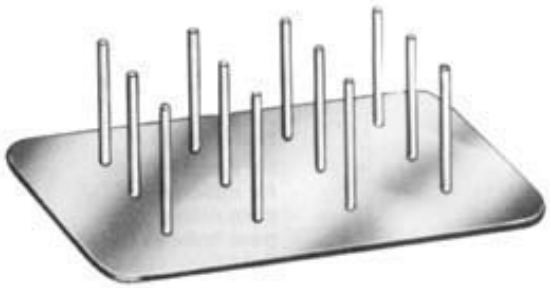
33-11620-03

Fig. 1 33-11620-01 4.2 mm
Fig. 2 33-11620-02 5.5 mm
Fig. 3 33-11620-03 6.5 mm
33-11620-30
Set of 3
Fig.1-3



Richnau-Holmgren
33-11628-02 2.0 mm Ø
33-11628-04 4.0 mm Ø
33-11628-06 6.0 mm Ø

Metal supports for specula



For 12 Specula
33-11624-00



Siegle



6.5 mm 7 mm 8 mm

Otoscope with 3 ear specula and rubber tube with bulb
33-11632-00

Tuning Forks







	Hartmann	Lucae	French Hartmann
C_2	16		33-11644-16
C_2	32		33-11644-32
C	64		33-11644-01
C	128	33-11636-00	33-11640-00	33-11644-02
C_1	256	33-11636-01	33-11640-01	33-11644-03
C_2	512	33-11636-02	33-11640-02	
C_3	1024	33-11636-03	33-11640-03	
C_4	2048	33-11636-04	33-11640-04	
C_5	4096	33-11636-05	33-11640-05	



Lucae
C 128

Variable up to h (Engl. B)

33-11648-00



Hartmann
C 128

33-11652-00



Rydel-Seiffer
33-11656-00
C 64/C 128

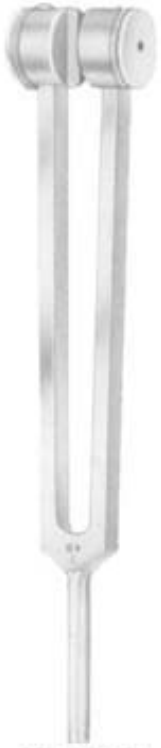
With Clamps = C 64
Without Clamps = C 128





Tuning Fork for neurological examination, with percussion hammer, pin wheel, brush and needle

33-11660-00



33-11664-01
C 64



33-11664-02
C 128



33-11664-03
C 256



33-11664-04
C 512



33-11664-05
C 1024



33-11664-06
C 2048



33-11664-07
C 4096



Hartmann

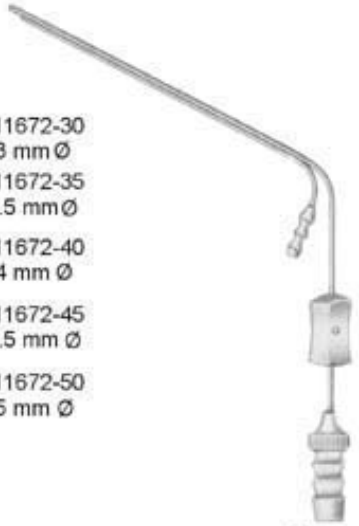
- 33-11668-20 2.0 mm Ø
- 33-11668-25 2.5 mm Ø
- 33-11668-30 3.0 mm Ø
- 33-11668-40 4.0 mm Ø
- 33-11668-50 5.0 mm Ø



Itard



- 33-11672-30 3 mm Ø
- 33-11672-35 3.5 mm Ø
- 33-11672-40 4 mm Ø
- 33-11672-45 4.5 mm Ø
- 33-11672-50 5 mm Ø



House
33-11676-09 0.9 mm Ø
33-11676-12 1.2 mm Ø
33-11676-15 1.5 mm Ø



Baron (Schuknecht)
33-11680-01 1.0 x 75 mm Ø
33-11680-02 1.5 x 75 mm Ø
33-11680-03 2.0 x 75 mm Ø



Krause
33-11684-16
16 cm/6¼"



Krause-Voss
33-11688-16
16 cm/6¼"



Lange-Wilde
33-11692-16
16 cm/6¼"



Package of 1 dozen each

	mm Ø
33-11700-02	0.2
33-11700-03	0.3

Ear Dressing Forceps



Troeltsch (Wilde)

Troeltsch



Lucae



Lucae



Jansen

Cm	In	Troeltsch (Wilde)	Troeltsch	Lucae	Lucae	Jansen
11.0	4¼"	33-11704-11				
12.0	4¾"	33-11704-12	33-11706-12		33-11712-14	
14.0	5½"	33-11704-14		33-11710-14		
15.0	6"	33-11704-15				
16.0	6¼"					33-11716-16
18.0	7"					33-11716-18
20.0	8"					33-11716-20



Okonogto
33-11720-16
16 cm/6¼"



Littauer
33-11724-12
12 cm/4¾"

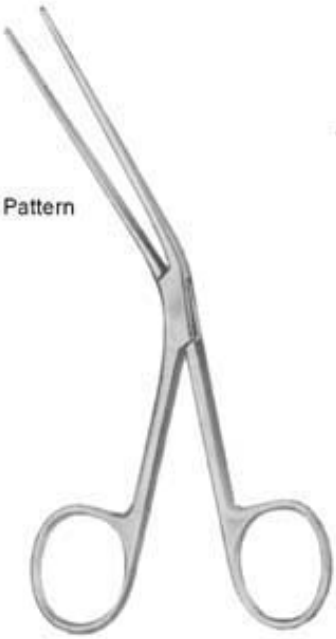
Fine Pattern



Hartmann
33-11726-12
12 cm/4¾"

Hartmann
33-11728-14
14 cm/5½"

Standard Pattern



Tilley
33-11732-14
33-11732-16
14 cm/5½"



Buck
33-11736-09
9 cm/3½"



Quire
33-11740-08
8 cm/3¼"





Hartmann-Noyes
33-11744-09
8.5 cm/3¼"

1 : 2



Hartmann-Noyes
33-11746-09
8.5 cm/3¼"



Hartmann
33-11750-09 8.5 cm/3¼"
33-11750-14 14 cm/5½"
33-11750-16 16 cm/6¼"

1 : 2



Hartmann
33-11752-09 8.5 cm/3¼"
33-11752-14 14.0 cm/5½"



Hartmann
33-11756-20 8.5 cm/3¼" ○ 2.0 mm
33-11756-25 8.5 cm/3¼" ◯ 2.5 mm
33-11756-30 8.5 cm/3¼" ◯ 3.0 mm



Hartmann-Citelli
33-11760-02 ○ 2 mm 8.5 cm/3¼"
33-11760-03 ◯ 3 mm 8.5 cm/3¼"



Strumpel
33-11762-09
8.5 cm/3¼"



Hartamm-Weingartner
33-11766-09
8.5 cm/3¼"



Hartamm
33-11770-09
8.5 cm/3¼"



Hartamm-Wullstein
33-11774-06 8.5 cm/3¼" 08 x 6 mm
33-11774-08 8.5 cm/3¼" 1.8 x 8 mm



Hartamm-Wullstein
33-11778-01 ○ 1 mm 8.5 cm/3¼"
33-11778-02 ○ 2 mm 8.5 cm/3¼"



	Micro Forceps	Mini	Cup-Shaped Forceps
	1.6 x 7.0 mm	0. 7 x 3.5 mm	0.9 x 1.1 mm
			
	33-11782-01	33-11782-08	33-11782-11
			
	33-11782-02 0.8 x 4.0 mm		
Smooth Jaw			
	33-11782-03 0.8 x 6.0 mm		
Curved Left			
	33-11782-04 0.8 x 6.0 mm		33-11782-12 0.9 x 1.1 mm
Curved Right			
	33-11782-05 0.8 x 4.0 mm		33-11782-13 0.9 x 1.1 mm
Angled Up			
	33-11782-06 0.8 x 4.0 mm		33-11782-14 0.9 x 1.1 mm
Angled Down			
	33-11782-07 0.8 x 4.0 mm		33-11782-15 0.9 x 1.1 mm

Micro Forceps



Greven
33-11782-16
0.8 x 5.0 mm



Cos
33-11782-18
0.8 x 3.0 mm

Left Angled



Juers
33-11782-19
0.8 x 6.0 mm



Hough
33-11782-21
0.8 x 3.0 mm

Right Angled



Juers
33-11782-20
0.8 x 6.0 mm



Hough
33-11782-22
0.8 x 3.0 mm



Fuller
33-11782-23
0.8 x 6.0 mm



Tabb
33-11782-24

Upward Cutting



Dieter
33-11782-30

Downward Cutting

Dieter
33-11782-31

Cutting to the Right



Dieter
33-11782-32

Cutting to the left



Dieter
33-11782-33

Micro Scissors



Bellucci
33-11786-01
4.0 mm



Bellucci
33-11786-02
5.5 mm

Angled Up



Bellucci
33-11786-03
5.5 mm

Curved Left



Bellucci
33-11786-04
5.5 mm

Curved Right



Bellucci
33-11786-05
5.5 mm



Shea
33-11786-06
7.0 mm

Curved Left



Shea
33-11786-07
7.0 mm

Curved Right

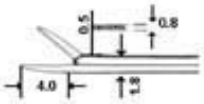


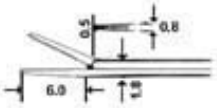
Shea
33-11786-08
7.0 mm

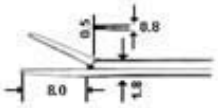


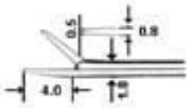
Length of Shaft 8 cm

Micro Forceps 0.5 mm Smooth Jaw





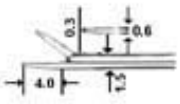


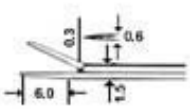


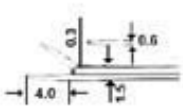
Straight	33-11790-01	33-11790-02	33-11790-03	33-11790-04

Curved Right	33-11794-01
Curved Left	33-11794-02
Angled Up	33-11794-03
Angled Down	33-11794-04

Micro Forceps 0.3 mm Smooth Jaw







Straight	33-11800-01	33-11800-02	33-11800-03

Length of Shaft 8 cm

Cup-Shaped Forceps

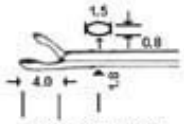


Micro Scissors



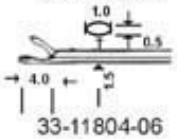
Bellucci
0.8 mm

1.5 x 0.8 mm

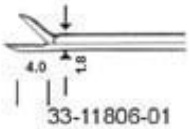


Straight	33-11804-01
Curved Right	33-11804-02
Curved Left	33-11804-03
Angled Up	33-11804-04
Angled Down	33-11804-05

1.0 x 0.5 mm

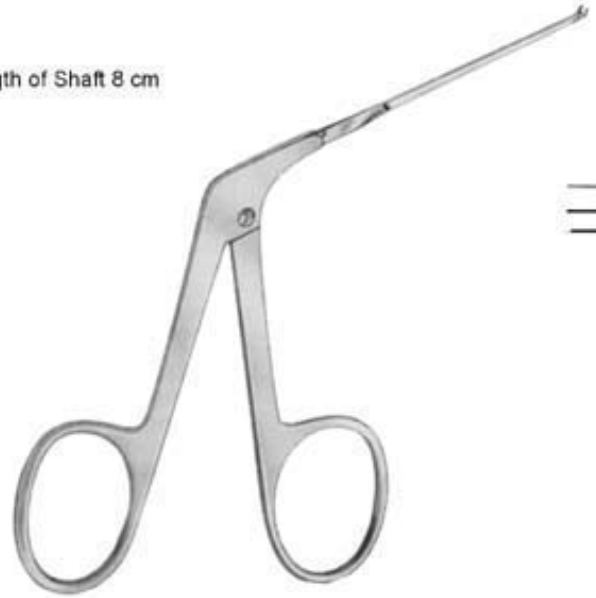


Straight 33-11804-06

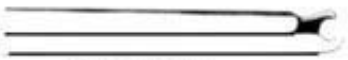


	33-11806-01
	33-11806-02
	33-11806-03
	33-11806-04
	33-11806-05

Length of Shaft 8 cm

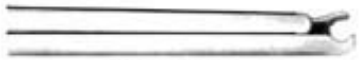


Crura Forceps



Open to Right

Fisch
33-11810-01



Open to Left

Fisch
33-11810-02

Length of Shaft 8 cm



Wire Closure Forceps



Mc Gee
33-11814-01



Mc Gee/Fisch
33-11814-02




33-11818-01


33-11818-02

Micro Scissors


33-11820-01


33-11820-02

Micro Forceps


33-11822-01


33-11822-02

Cup-Shaped Forceps

Messer



Schuknecht
33-11826-01



Schuknecht
33-11826-02



Schuknecht
33-11828-01

Knives



Wullstein
33-11830-01



Tabb
33-11832-01



Plester
33-11834-01



Plester
33-11834-02



33-11834-03



Rosen



33-11838-10
1.0 mm



33-11838-14
1.4 mm



33-11838-16
1.6 mm



33-11838-20
2.0 mm



33-11838-26
2.6 mm



33-11838-28
2.8 mm



33-11838-30
3.0 mm

Needles And Hooks

Barbara
33-11842-01



33-11842-02



33-11842-03



Rosen
33-11842-04



Barbara



25°
33-11844-03 0.3 mm
33-11844-06 0.6 mm
33-11844-10 1.0 mm



45°
33-11846-03 0.3 mm
33-11846-06 0.6 mm
33-11846-10 1.0 mm
33-11846-12 1.2 mm
33-11846-15 1.5 mm
33-11846-20 2.0 mm
33-11846-25 2.5 mm



90°
33-11848-03 0.3 mm
33-11848-06 0.6 mm
33-11848-10 1.0 mm
33-11848-12 1.2 mm
33-11848-15 1.5 mm
33-11848-20 2.0 mm
33-11848-25 2.5 mm



33-11850-05 0.5 mm
33-11850-10 1.0 mm

Needles And Hooks



90°
33-11852-03 0.3 mm
33-11852-06 0.6 mm
33-11852-10 1.0 mm



90°
33-11854-03 0.3 mm
33-11854-06 0.6 mm
33-11854-10 1.0 mm

McGee
33-11856-05 0.5 mm
33-11856-10 1.0 mm

McGee
33-11858-05 0.5 mm
33-11858-10 1.0 mm

Barbara
33-11860-01



Rosen
33-11860-02



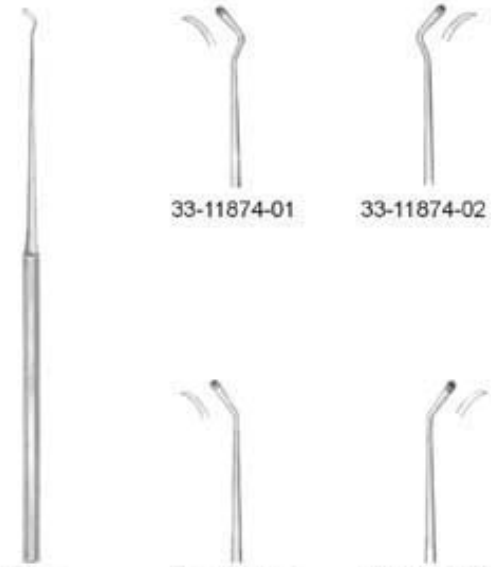
25°
33-11862-03 0.3 mm
33-11862-06 0.6 mm
33-11862-10 1.0 mm

25°
33-11864-03 0.3 mm
33-11864-06 0.6 mm
33-11864-10 1.0 mm

45°
33-11868-03 0.3 mm
33-11868-06 0.6 mm
33-11868-10 1.0 mm

45°
33-11870-03 0.3 mm
33-11870-06 0.6 mm
33-11870-10 1.0 mm

Dissectors, Measuring Road, Elevators, Curettes and Mobilizer



33-11874-01 33-11874-02

33-11874-03 33-11874-04

Fisch



Rosen

33-11878-15 1.5 mm
33-11878-25 2.5 mm





33-11880-01 33-11880-02 33-11880-03

33-11880-04 33-11880-05 33-11880-06

Rosen





33-11882-01 3.5 mm
33-11882-02 4.0 mm

33-11882-03 4.5 mm
33-11882-04 5.0 mm

House



Buckingham



33-11886-01



33-11886-02



33-11886-03



House
33-11890-10 1.0/1.2 mm
33-11890-15 1.5/1.8 mm



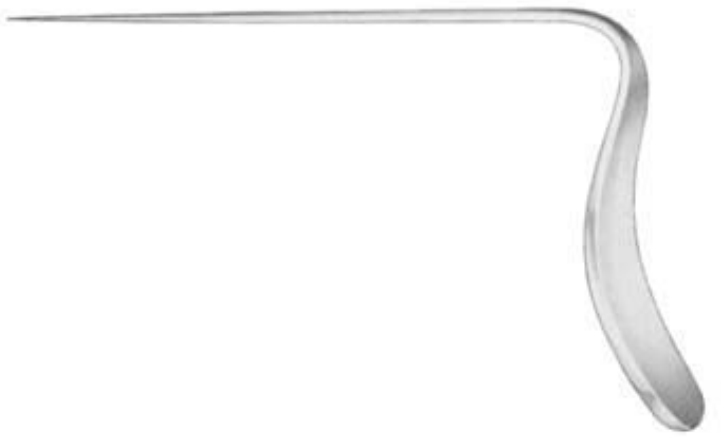
House
33-11892-10 1.0/1.2 mm
33-11892-15 1.5/1.8 mm



Shea
33-11896-15 1.5 mm



33-11900-01 33-11900-02 33-11900-03



Zollner



33-11900-04 33-11900-05 33-11900-06 33-11900-07 33-11900-08 33-11900-09 33-11900-10 33-11900-11



33-11900-12 33-11900-13 33-11900-14 33-11900-15 33-11900-16 33-11900-17



33-11900-18 33-11900-19 33-11900-20 33-11900-21 33-11900-22 33-11900-23 33-11900-24



Citelli

Width of Bite

33-11904-20 2.0 mm
33-11904-30 3.0 mm



Citelli-Beyer

Width of Bite

33-11906-15 1.5 mm
33-11906-20 2.0 mm



Width of Bite

4.0 mm

6.0 mm

Brunings

33-11910-40
33-11910-60



33-11912-30 3.0 mm

33-11912-40 4.0 mm

33-11912-50 5.0 mm

33-11912-60 6.0 mm

Kerrison

20 cm/8"



Buck

		Fig. 000	00	0	1	2	3	4	5
Blunt		33-11914-30	33-11914-20	33-11914-10	33-11914-01	33-11914-02	33-11914-03	33-11914-04	33-11914-05
Sharp		33-11915-30	33-11915-20	33-11915-10	33-11915-01	33-11915-02	33-11915-03	33-11915-04	33-11915-05
Blunt		33-11916-30	33-11916-20	33-11916-10	33-11916-01	33-11916-02	33-11916-03	33-11916-04	33-11916-05
Sharp		33-11917-30	33-11917-20	33-11917-10	33-11917-01	33-11917-02	33-11917-03	33-11917-04	33-11917-05



Langenbeck
33-11920-13
13 cm/5⅛"



Shapleigh
13 cm/5⅛"



Jansen
33-11928-15
15 cm/6"



Barth
33-11932-18
18 cm/7"



Billeau
16.5 cm/6½"



Snellen
16 cm/6¼"



Gross
33-11944-12
12 cm/4¾"



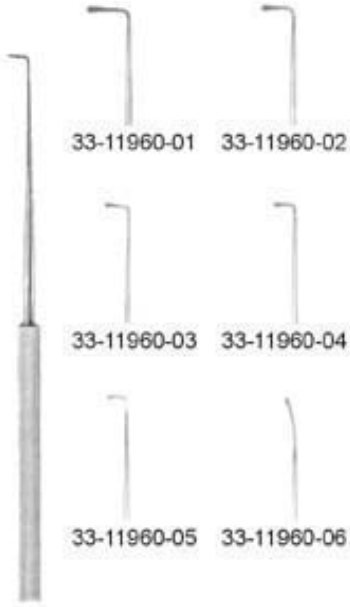
Zaufal
33-11948-16
16 cm/6¼"



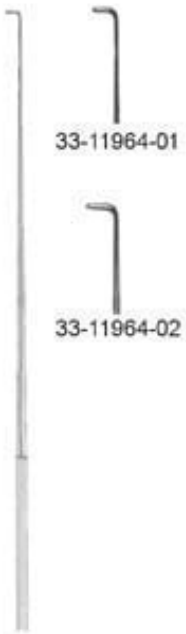
Hartmann
33-11952-16
16 cm/6¼"



Lucae
14 cm/5½"



Wagener
14 cm/5½"



Day
16 cm/6¼"



Muck
33-11968-13
13.5 cm/5⅛"



Politzer
33-11972-16
16 cm/6¼"



Sexton

Fig.	Straight	Curved
1	33-11976-01	33-11980-01
2	33-11976-02	33-11980-02
3	33-11976-03	33-11980-03



Gerzog-Sexton
33-11984-17
17 cm/6½"

Messer



Politzer
33-11988-17
17 cm/6¾"



Lempert
33-11992-15
15 cm/6 "



33-11996-01

33-11996-02

Lempert
15 cm/6"

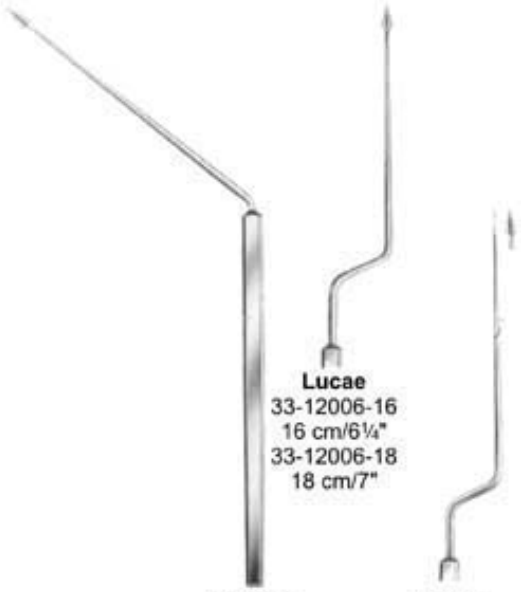
Knives



Lempert
33-12000-01
15 cm/6"



Lempert
33-12000-02
15 cm/6"



Lucae
33-12006-16
16 cm/6¼"
33-12006-18
18 cm/7"

Politzer
33-12004-16
16.5 cm/6½"

Lucae
33-12008-18
18 cm/7 "



Politzer
33-12012-17
17 cm/6¾"

Ear Operating Set



Sprague
33-12014-19
19 cm/7½"





33-12018-10



33-12018-20



33-12018-30

Ear Syringe, Complete With 2 Cannulas and 1Protecting Disk

33-12018-02	50 ml
33-12018-03	75 ml
33-12018-04	100 ml
33-12018-06	150 ml
33-12018-08	200 ml



Fraenkel
34-12022-01 Fig. 1
34-12022-02 Fig. 2
34-12022-03 Fig. 3



34-12026-01
34-12026-02
34-12026-03
13 cm/5"



Fig. 1
34-12026-01
34-12028-01

Fig. 2
34-12026-02
34-12028-02

Fig. 3
34-12026-03
34-12028-03



34-12028-01
34-12028-02
34-12028-03
13 cm/5"



34-12030-01
34-12030-02
34-12030-03

Hartmann
15 cm/6"

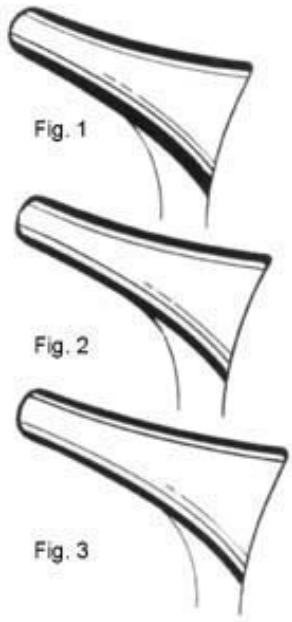


Fig. 1
Fig. 2
Fig. 3

34-12032-01
34-12032-02
34-12032-03



Hartmann
15 cm/6"



34-12036-01

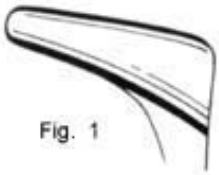


Fig. 1

34-12036-02

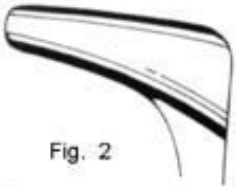


Fig. 2

34-12036-03

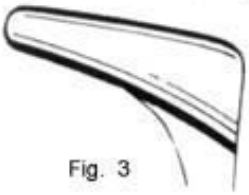


Fig. 3

Hartmann-Halle
15 cm/6"

34-12038-01

34-12038-02

34-12038-03



Hartmann-Halle
15 cm/6"



34-12042-01



34-12042-02



Tieck
13,5 cm/5¼"

34-12044-01

34-12044-02



Tieck
13,5 cm/5¼"



Beckmann
15 cm/6"



Fig. 1
34-12048-01



Fig. 2
34-12048-02

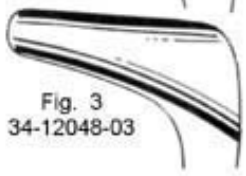


Fig. 3
34-12048-03



Mod.Wien

34-12052-01

34-12052-02

34-12052-03

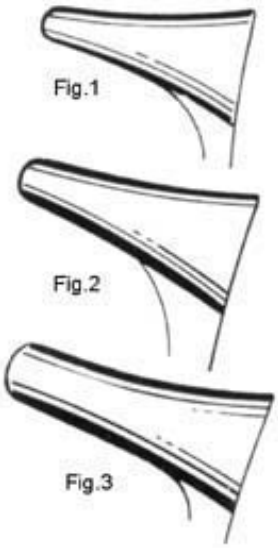


Fig.1

Fig.2

Fig.3

34-12054-01

34-12054-02

34-12054-03



Wien



Killian

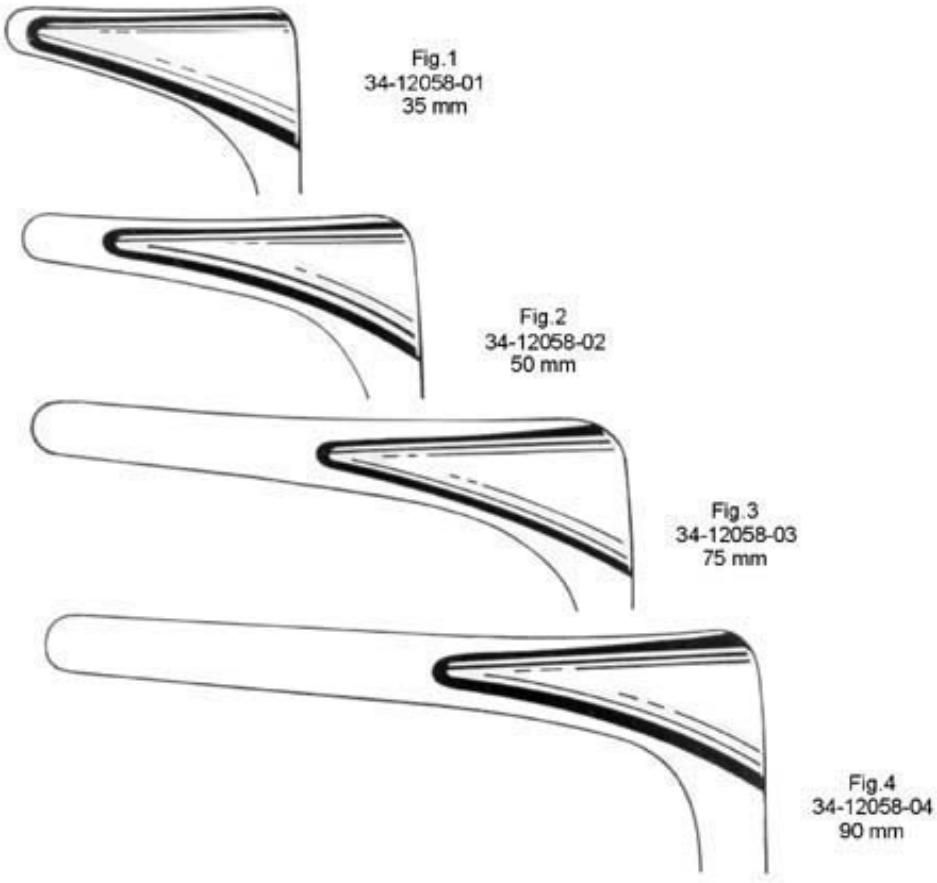


Fig.1
34-12058-01
35 mm

Fig.2
34-12058-02
50 mm

Fig.3
34-12058-03
75 mm

Fig.4
34-12058-04
90 mm



Fig 1
34-12062-01
34-12064-01
35 mm



Fig 2
34-12062-02
34-12064-02
50 mm



Fig 3
34-12062-03
34-12064-03
75 mm



Fig 4
34-12062-04
34-12064-04
90 mm



Cottle
34-12062-01
34-12062-02
34-12062-03
34-12062-04
15 cm/6"

Cottle
34-12064-01
34-12064-02
34-12064-03
34-12064-04
15 cm/6"



34-12068-30 Fig. 1- 3
34-12068-40 Fig. 1- 4
34-12068-70 Fig. 1- 7



34-12068-01 34-12068-02 34-12068-03 34-12068-04



34-12068-05 34-12068-06 34-12068-07



Krause
34-12074-26
26 cm/10¼"



Krause-Voss
34-12076-26
26 cm/10¼"



Lange-Wilde
34-12078-24
24 cm/9½"



Package Of 1 Dozen Each
34-12080-10
0.3 mm





Cm	In	Troeltsch (Wilde)	Gruenwald (Jansen)
15.0	6	34-12084-15	34-12088-16
18.0	7	34-12084-18	34-12088-18
20.0	8		34-12088-20



Westmacott (West)
34-12092-20
20 cm/8"



Lubet-Barbon
34-12096-20
20 cm/8"



Hartmann
34-13000-16
16 cm/6¼"

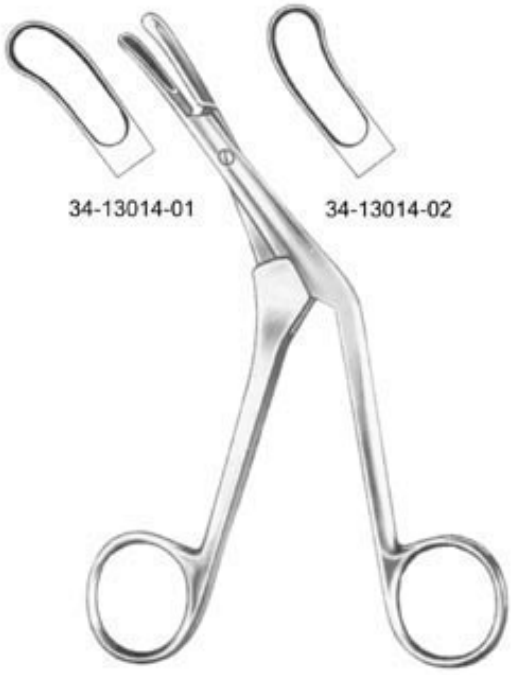
Hartmann
34-13002-20
20 cm/8"



Heymann
34-13006-18
18 cm/7"



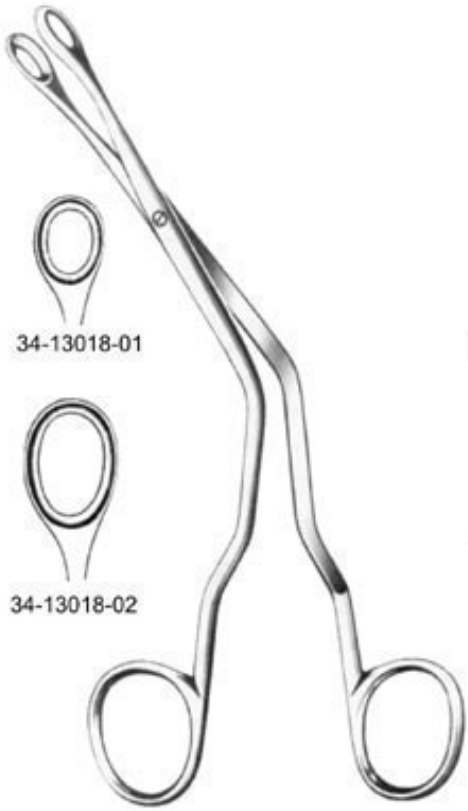
Craig
34-13010-18
18 cm/7"



34-13014-01

34-13014-02

Craig Domnick
18 cm/7"



34-13018-01

34-13018-02

Luc
20 cm/8"



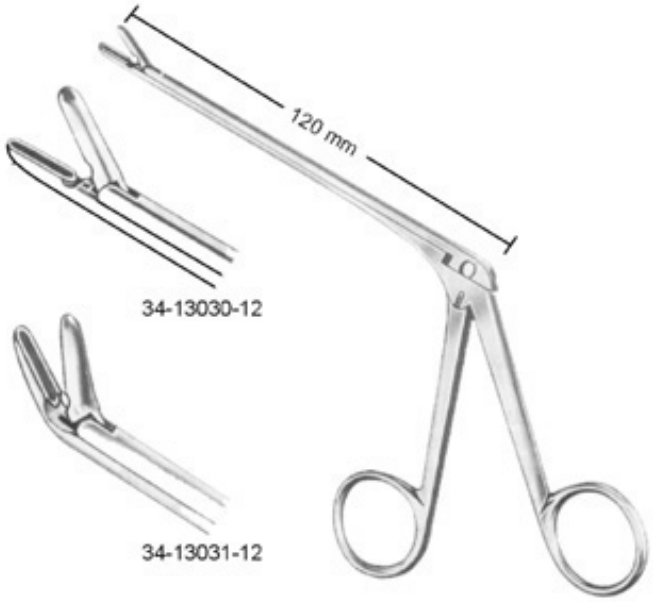
34-13022-01

34-13022-02

Luc
20 cm/8"



Bruenings
19 cm/7½"



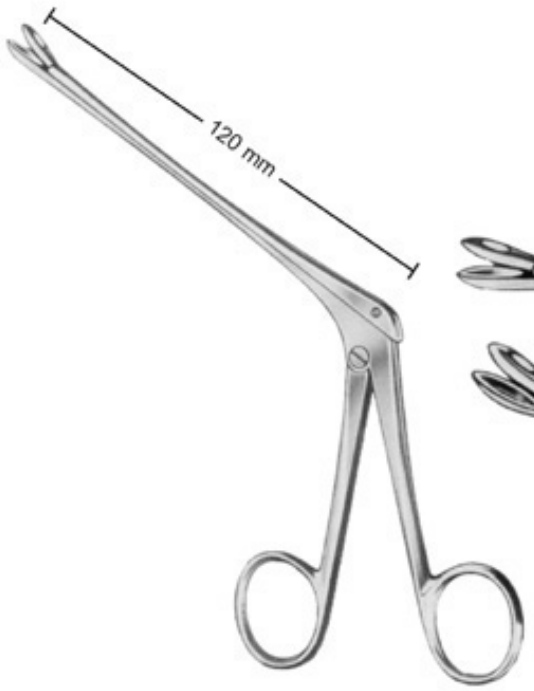
Takahashi
19 cm/7½"



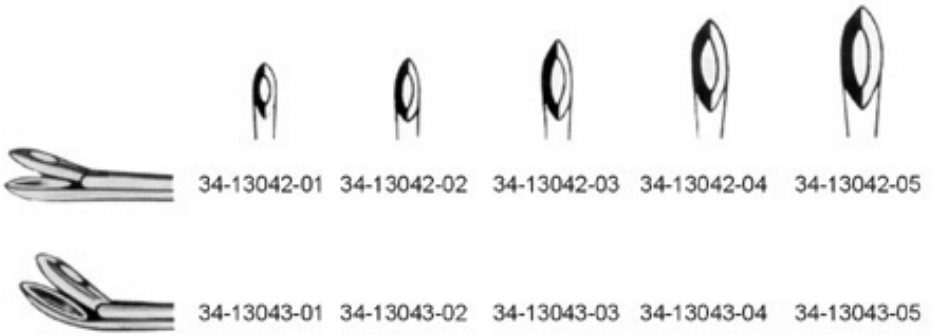
Watson-Williams
19 cm/7½"



Ferris-Smith
34-13038-12
19 cm/7½"



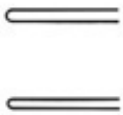
Weil-Blakesley



34-13042-01	34-13042-02	34-13042-03	34-13042-04	34-13042-05
34-13043-01	34-13043-02	34-13043-03	34-13043-04	34-13043-05



Struycken



34-13048-01



34-13048-02



Hajek



34-13052-01
2.2 mm



34-13052-02
2.6 mm



34-13052-03
3.0 mm



34-13052-04
3.4 mm



Myles



34-13056-01



34-13056-02



34-13056-03



Grunwald



34-13060-01



34-13060-02



34-13060-03



Grunwald



34-13062-01



Hartmann



34-13066-01
5 mm



34-13066-02
7 mm



34-13066-03
9 mm



34-13066-04
11 mm



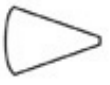
Schmeden



34-13070-01



34-13070-02



34-13070-03



Middleton-Jansen
34-13074-19
19 cm/7½"



Middleton-Jansen
34-13076-19
19 cm/7½"



Kazanjian
34-13080-18
18 cm/7"



Caplan
34-13084-20
20 cm/8"



34-13088-01
5x4 mm



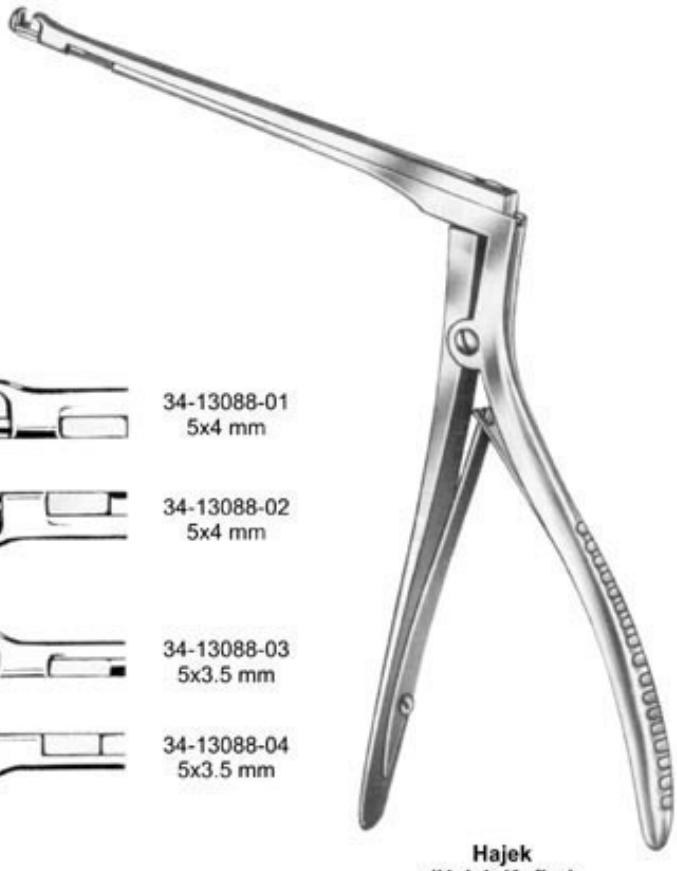
34-13088-02
5x4 mm



34-13088-03
5x3.5 mm



34-13088-04
5x3.5 mm



Hajek
(Hajek-Kofler)
Shaft
14 cm/5½"



Ferris-Smith-Kerrison



Ferris-Smith-Kerrison

	Width of Bite	Length of Shaft		Width of Bite		Length of Shaft	
	15 cm/6"	20 cm/8"	18 cm/7"		15 cm/6"	20 cm/8"	18 cm/7"
				1 mm			34-13120-01
				2 mm			34-13120-02
Cutting Upward 	34-13092-03 3 mm	34-13098-03	34-13104-03	3 mm	34-13108-03	34-13114-03	34-13120-03
				4 mm			34-13120-04
	34-13092-05 5 mm	34-13098-05	34-13104-05	5 mm	34-13108-05	34-13114-05	34-13120-05
				1 mm			34-13122-01
				2 mm			34-13122-02
Cutting Upward 40° 	34-13094-03 3 mm	34-13100-03		3 mm	34-13110-03	34-13116-03	34-13122-03
				4 mm			34-13122-04
	34-13094-05 5 mm	34-13100-05		5 mm	34-13110-05	34-13116-05	34-13122-05
				1 mm			34-13124-01
				2 mm			34-13124-02
Cutting Downward 	34-13096-03 3 mm	34-13102-03	34-13106-03	3 mm	34-13112-03	34-13118-03	34-13124-03
				4 mm			34-13124-04
	34-13096-05 5 mm	34-13102-05	34-13106-05	5 mm	34-13112-05	34-13118-05	34-13124-05



Hajek-Kofler
34-13128-16
16 cm/6½"

34-13132-03
3 mm
34-13132-04
4 mm
34-13132-05
5 mm
34-13132-06
6 mm



Kerrison
20 cm/8"



Jurasz
22 cm/8¾"



34-13136-01



34-13136-02



34-13136-03

Rhinoplastic and Nasal Knives



Joseph
Pointed

← Straight
34-13140-01



Curved
34-13141-01



Joseph
Blunt

← Straight
34-13144-01



Curved
34-13145-01



Converse
34-13149-15
15 cm/6"



Joseph
34-13152-14
14 cm/5½"



Cottle
34-13156-15
15 cm/6"



Cottle
34-13158-14
14 cm/5½"



Freer
34-13162-16
16 cm/6¼"



Joseph
34-13166-16
16.5 cm/6½"



Maltz
34-13170-16
16.5 cm/6½"



Freer
34-13174-19
19 cm/7½"

Septum Knives



Ballenger
20cm/8"



34-13178-03 3 mm 34-13179-03
34-13178-04 4 mm 34-13179-04
34-13178-05 5 mm 34-13179-05



Ballenger
20cm/8"



Bruenings
34-13182-16



34-13186-04 4 mm
34-13186-05 5 mm

Mc Kenty
15 cm/6"



Halle
34-13190-16
16.5 cm/6½"



Joseph
34-13194-16
16.5 cm/6½"



Cottle
34-13198-19
19.5 cm/7½"



Blunt



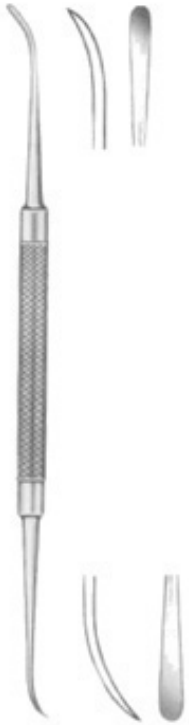
Sharp

Freer
34-13202-19
19 cm/7½"

Freer
34-13203-19
19 cm/7½"



Freer
34-13206-18
18 cm/7"



Freer-Yasargil
34-13208-18
18.5 cm/7¼"



Howarth
34-13212-21
21.5 cm/8½"



Mc Kenty
34-13216-22
22 cm/8¾"



Killian
34-13220-18
18.5 cm/7¼"



Cottle
34-13224-23
23 cm/9"



Killian
34-13228-18
18.5 cm/7¼"



Pierce
34-13232-21
21 cm/8¼"



Pennington
34-13236-21
21 cm/8¼"

Raspatories



34-13240-18
18 cm/7"



Joseph (Cottle)
Masing
34-13244-22
22 cm/8¾"



Masing
34-13248-20
20.5 cm/8⅜"



Joseph
34-13252-16
16cm/6¼"

Periost-Elevators



Freer
34-13256-16
16 cm/6¼"



Freer
34-13260-16
16 cm/6¼"



Freer
34-13264-15
15 cm/6"



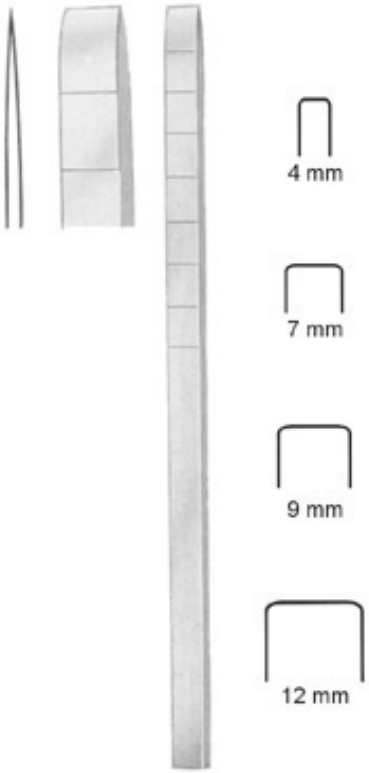
Ballenger
34-13268-04 4 mm
34-13268-06 6 mm
34-13268-08 8 mm
16 cm/6¼"



Killian
34-13272-16
16 cm/6¼"



Killian-Claus
34-13276-16
16 cm/6¼"



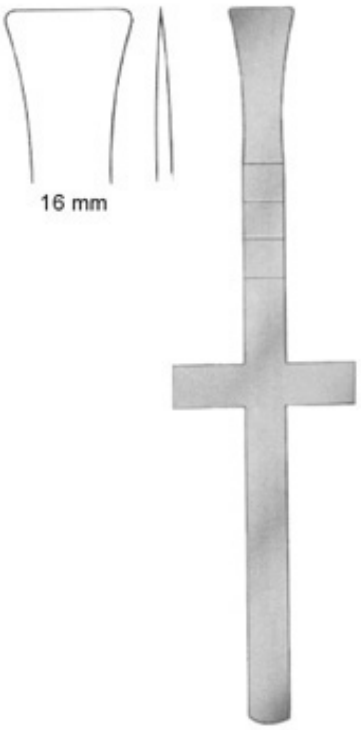
Cottle
34-13280-04 4 mm
34-13280-07 7 mm
34-13280-09 9 mm
34-13280-12 12 mm
18 cm/7"



Cottle
34-13284-04 4 mm
34-13284-07 7 mm
34-13284-09 9 mm
34-13284-12 12 mm
18 cm/7"



Cottle
34-13288-18
18 cm/7"



Cottle
34-13290-18
18 cm/7"



34-13294-08
16 cm/6¼"
8 mm



Cottle
34-13298-04 4 mm
34-13298-07 7 mm
34-13298-09 9 mm
34-13298-12 12 mm
18 cm/7"



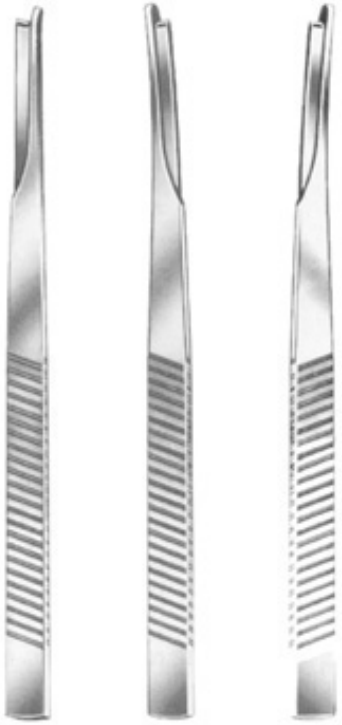
Cottle
Curved
34-13299-06
18 cm/7"
6 mm



Fomon
34-13302-05 5mm
34-13302-08 8mm
17 cm/6¾"

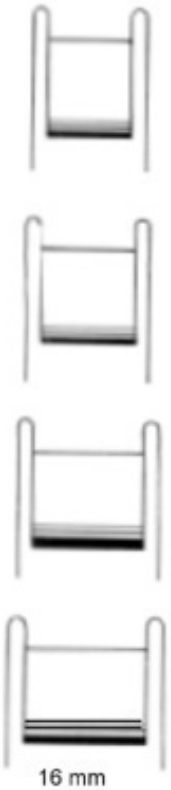


Walter
34-13306-03 3 mm
34-13306-04 4 mm
18 cm/7"



(Silver) Masing
34-13310-01 34-13310-02 34-13310-03
17.5 cm/7⅞"





16 mm

Cinelli
34-13314-10 10 mm
34-13314-12 12 mm
34-13314-14 14 mm
34-13314-16 16 mm
16 cm/6¼"



Masing
34-13318-17
17.5 cm/6⅞"



West
34-13322-16
16 cm/6¼"



West
34-13324-16
16 cm/6¼"



Joseph
17 cm/6¾"



Joseph
34-13330-01
17 cm/6¾"



Joseph
34-13332-02
17 cm/6¾"



Joseph
34-13332-03
17 cm/6¾"

Tc





Fig.1

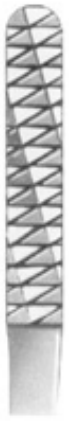


Fig.3



Fig.5



Fig.7



Fig.9



Fig.2

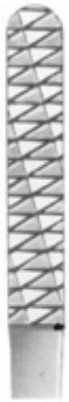


Fig.4



Fig.6



Fig.8



Fig.10

Famon

Fig. 1/ 2 34-13336-12
Fig. 3/ 4 34-13336-34
Fig. 5/ 6 34-13336-56
Fig. 7/ 8 34-13336-78
Fig. 9/10 34-13336-90
21 cm/8¼"

Tc





Parkes	Maltz
Fig. 1 34-13340-01	Fig. 1 34-13344-01
Fig. 2 34-13340-02	Fig. 2 34-13344-02
Fig. 3 34-13340-03	Fig. 3 34-13344-03
Fig. 4 34-13340-04	Fig. 4 34-13344-04
Fig. 5 34-13340-05	Fig. 5 34-13344-05
Fig 6 34-13340-06	Fig. 6 34-13344-06
Fig. 7 34-13340-07	Fig. 7 34-13344-07
Fig. 8 34-13340-08	Fig. 8 34-13344-08
Fig. 9 34-13340-09	Fig. 9 34-13344-09
Fig.10 34-13340-10	Fig.10 34-13344-10
20.5 cm/8⅛"	17 cm/6¾"



Maltz
17 cm/6¾"



34-13348-01



34-13348-02

TC



Miller
16 cm/6¼"



34-13352-01



34-13352-02







19 cm/7½"



34-13356-02

34-13356-03



34-13356-04

34-13356-05



34-13356-06

34-13356-07



Aufricht
34-13360-17
17.5 cm/6⅞"



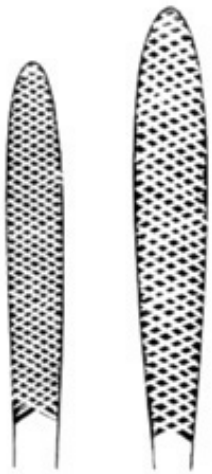
Fomon
34-13364-21
21 cm/8¼"



Maltz
34-13368-18
18 cm/7"



Joseph
16 cm/6¼"



34-13372-01 34-13372-02



Lewis
18 cm/7"



Fine
34-13376-01

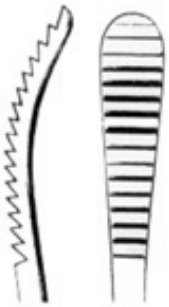


Coarse
34-13376-02

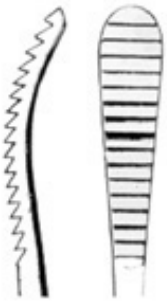


Cottle
34-13380-21
21 cm/8¼"





34-13384-01



34-13384-02

Aufricht
21 cm/8¼"



Joseph
34-13388-16
15 cm/6"



Cottle
34-13392-16
15 cm/6¼"



Lange
34-13396-22
22 cm/8¾"



Fomon
34-13400-17
17 cm/6¼"



Freer
34-13404-15
15 cm/6"



Frazier
34-13408-13 13 cm/5"
34-13408-18 18 cm/7"



Joseph
16 cm/6¼"



34-13412-02
2 mm



34-13412-05
5 mm



34-13412-07
7 mm



34-13412-10
10 mm



Fomon
34-13416-16
16 cm/6¼"



Neivert
(Masing)
34-13420-20
20 cm/8"



Cottle-Neivert
34-13424-20
20 cm/8

Hooks



Fomon
34-13428-14
14.5 cm/5¾"



Cottle
34-13432-14
14.5 cm/5¾"



Cottle
34-13434-14
14.5 cm/5¾"



Cottle
34-13436-14
14.5 cm/5¾"



Cottle
34-13440-16
15 cm/6"



Kilner
34-13444-08
8 cm/3¼"
10 mm

Columella Forceps



Converse
34-13448-12
12 cm/4¾"

Aufricht
34-13452-16
16 cm/6¼"



Cottle
34-13456-10
10 cm/4"

Tissue Lifter



34-13460-14
14 cm/5½"

Tissue Picks



34-13464-11
11 cm/4¾"



1.0 mm 34-13468-10
1.8 mm 34-13468-18



Walsham
23 cm/9"



34-13472-01



34-13472-02



34-13472-03



Cottle-Walsham
34-13474-22
22 cm/8¾"



Asch
34-13476-23
23 cm/9"



Kressner
34-13480-20
20 cm/8"



Rubin
34-13484-20
20 cm/8"



Faulkner
34-13488-21
21 cm/8¼"



Sewall
34-13492-20
20 cm/8"
6 mm



Coakley
17 cm/6¾"



34-13496-01 34-13496-02 34-13496-03

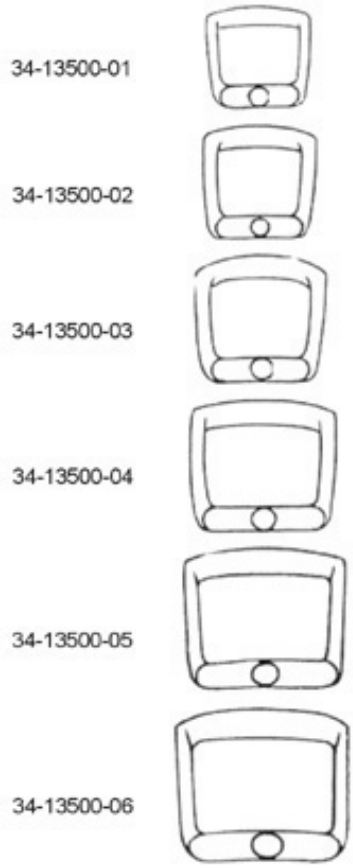


34-13496-04 34-13496-05 34-13496-06

Ringmesser

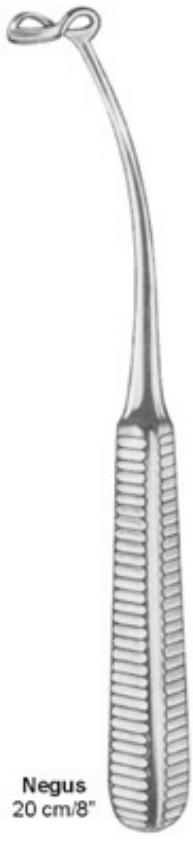


Beckmann
22 cm/8¾"



34-13500-01 34-13501-01
34-13500-02 34-13501-02
34-13500-03 34-13501-03
34-13500-04 34-13501-04
34-13500-05 34-13501-05
34-13500-06 34-13501-06

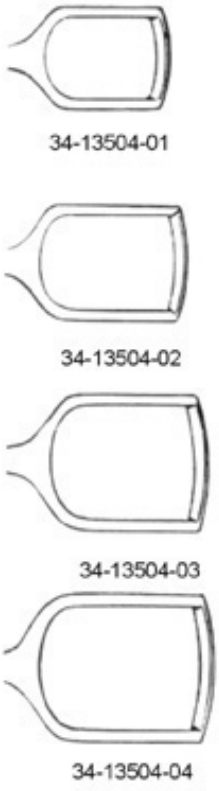
Adenoid Curettes



Negus
20 cm/8"



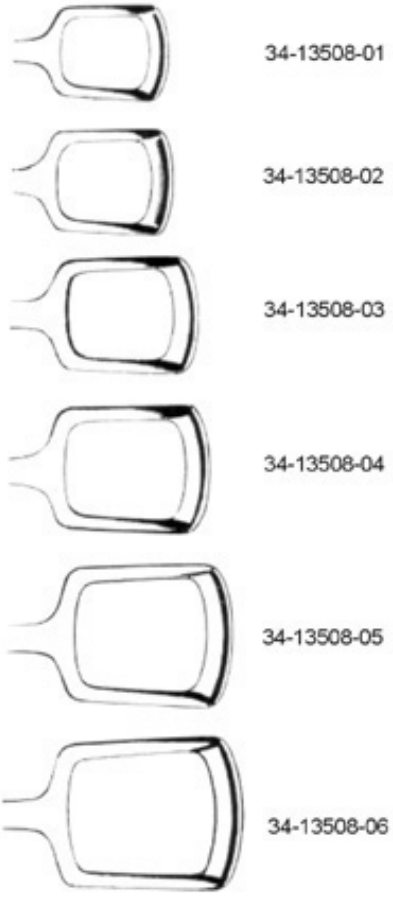
Barnhill
20 cm/8"



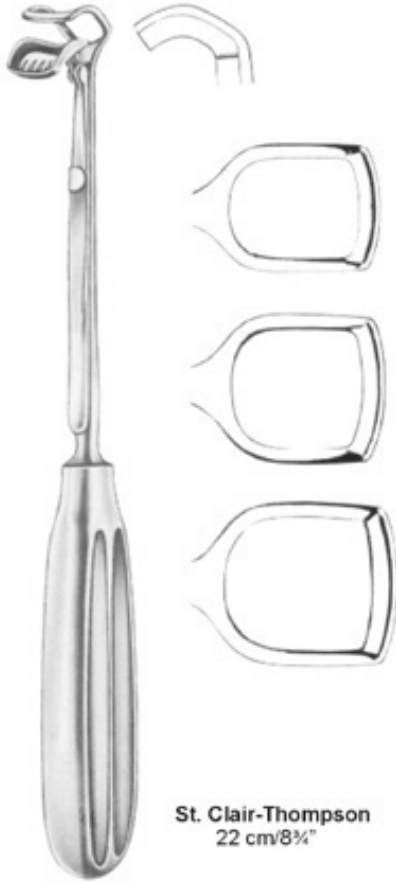
34-13504-01
34-13504-02
34-13504-03
34-13504-04



Beckmann
20 cm/8"



34-13508-01
34-13508-02
34-13508-03
34-13508-04
34-13508-05
34-13508-06

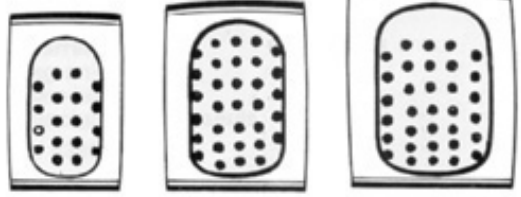


St. Clair-Thompson
22 cm/8¾"

34-13512-01
34-13512-02
34-13512-03



La Force
23 cm/9"



34-13516-01 34-13516-02 34-13516-03

Spare blades Only

34-13516-11 34-13516-12 34-13516-13



Bruenings- Brunk
34-13520-19
91 cm/7½"



Siebenmann



	mm Ø	
34-13524-15	1.5	34-13526-15
34-13524-17	1.7	34-13526-17
34-13524-20	2.0	34-13526-20
34-13524-25	2.5	34-13526-25
34-13524-30	3.0	34-13526-30



Hartmann

Fig. 1	mm Ø	Fig. 2
34-13530-20		34-13534-20
34-13530-25		34-13534-25
34-13530-30		34-13534-30



Eicken - Killian
34-13538-03
3 mm Ø



Killian
34-13538-15
1.5 mm Ø



Ritter - Halle
2.5 mm 34-13540-25
3.0 mm 34-13540-30
4.0 mm 34-13540-40

Gag Only
35-13546-10



Fig. 1
35-13546-01
65 x 28 mm

Kilner-Doughty
Complete
35-13546-00



Fig. 3
35-13546-03
80 x 37 mm

Fig. 2
35-13546-02
75 x 32 mm

Gag Only
35-13550-10



Fig. 1
35-13550-01
24 x 62 mm

Dingmann
Complete
35-13550-00



Fig. 3
35-13550-03
31 x 75 mm

Fig. 2
35-13550-02
28 x 65 mm

Gag Only
35-13554-10



Fig. 1
35-13554-01
21 x 26 mm

Davis-Boyle
Complete
35-13554-00



Fig. 2
35-13554-02
23 x 65 mm

Fig. 5
35-13554-05
26 x 108 mm

Fig. 4
35-13554-04
25 x 93 mm

Fig. 3
35-13554-03
24 x 80 mm

Gag Only
35-13558-10



Mc Ivor
Complete
35-13558-00



Fig. 1
35-13558-01
23 x 70 mm

Fig. 3
35-13558-03
26 x 100 mm

Fig. 2
35-13558-02
25 x 86 mm





Fig.		mm
2	35-13562-02	23 x 65
3	35-13562-03	24 x 80
4	35-13562-04	25 x 93
5	35-13562-05	26 x 108

Modell Wurzburg

Fig.		mm
1	35-13566-01	28 x 66
2	35-13566-02	32 x 75
3	35-13566-03	34 x 83
4	35-13566-04	37 x 93
5	35-13566-05	38 x 100



Chest Support for
Mouth gag
35-13570-00

Mouth Gags



Baby-Molt
35-13574-10
10 cm/4"



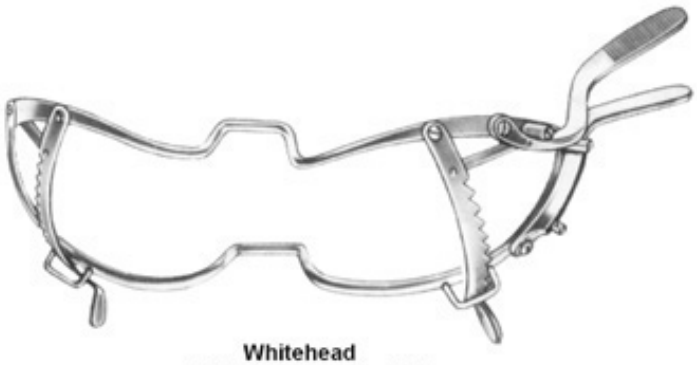
Molt
35-13576-11 11 cm/4¼"
35-13576-14 14 cm/5½"



Roser-Konig
35-13580-16 16 cm/6¼"
35-13580-19 19 cm/7½"



Denhart
35-13584-12
12 cm/4¾"



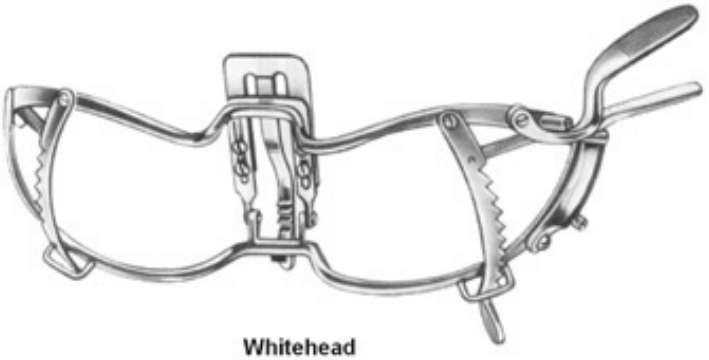
Whitehead
35-13596-11 11 cm/4¼"
35-13596-13 13 cm/5"
35-13596-15 15 cm/6"



Heister
35-13588-13
13 cm/5"



Fergusson-Ackland
35-13592-18 18 cm/7"
35-13592-20 20 cm/8"



Whitehead
35-13600-13
13 cm/5"



Jennings
35-13604-09 09 cm/3½"
35-13604-11 11 cm/4¼"
35-13604-13 13 cm/5"
35-13604-15 15 cm/6"



Sternberg
35-13608-12 12 cm/4¾"
35-13608-14 14 cm/5½"
35-13608-16 16 cm/6¼"



35-13612-19
19 cm/7½"



Moritz-Schmidt
35-13616-19
19 cm/7½"



Hartmann
35-13620-15
15 cm/6"



Tobold
35-13624-14
14.5 cm/5¾"



Fraenkel
35-13628-19
19 cm/7½"



Frenzel
35-13632-16
16.5 cm/6½"



35-13636-13
13 cm/5"



35-13640-14
14.5 cm/5¾"



35-13646-14
14.5 cm/5¾"



Kroenig
35-13650-15
15 cm/6"



Mayo
35-13654-17
17 cm/6¾"



Bruenings
35-13658-19
19 cm/7½"



Bruenings
35-13662-19
19 cm/7½"



35-13666-01 35-13666-02

Wieder



Collin
35-13670-16
16 cm/6¼"



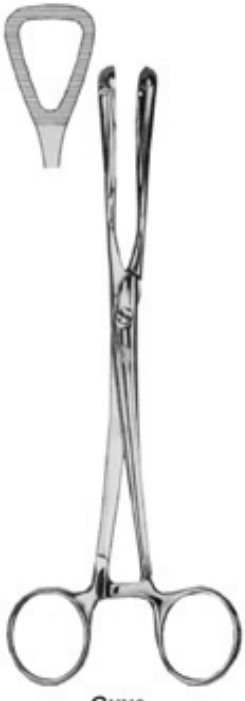
Collin
35-13672-19
19 cm/7½"



35-13676-19
19 cm/7½"



Young
35-13680-17
17 cm/6¾"



Guys
35-13682-19
19 cm/7½"

Finger Protectors



Lengenbeck
35-13684-01 Ø 22.0 mm
35-13684-02 Ø 24.5 mm
35-13684-03 Ø 26.5 mm



Luniatschek
36-13688-18
18 cm/7"



Luniatschek
36-13690-18
18 cm/7"

Gauze Packers



Trelat
36-13694-23
23 cm/9"



Claus
36-13698-23
23 cm/9"



Hurd
36-13702-24
24 cm/9½"



Hurd
36-13704-21
21 cm/8¼"



Nager
36-13708-24
24 cm/9½"



Falk
36-13712-24
24 cm/9½"



Falk
36-13716-24
24 cm/9½"



Claus-Eicken
36-13720-23
23 cm/9 "

Ligature Carrier



Roeder
36-13724-26
26 cm/10¼"



36-13728-17
17.5 cm/6⅞"



Fischer
36-13732-22
22.5 cm/8⅞"



Douglas
36-13736-21
21 cm/8¼"



Abraham
36-13740-21
21 cm/8¼"



Bruenings
36-13744-23
23 cm/9"



Abraham
36-13748-19
19 cm/7½"



Canfield
36-13752-21
21 cm/8¼"



Hurd
36-13756-22
22.5 cm/8⅞"



Yankauer
36-13760-21
21 cm/8¼"



Luniatschek
36-13764-19
19 cm/7½"



Henke
23 cm/9"



36-13768-01



36-13768-02



Nager
36-13772-23
23 cm/9"



Wide
36-13776-18 18 mm
36-13776-20 20 mm
36-13776-22 22 mm

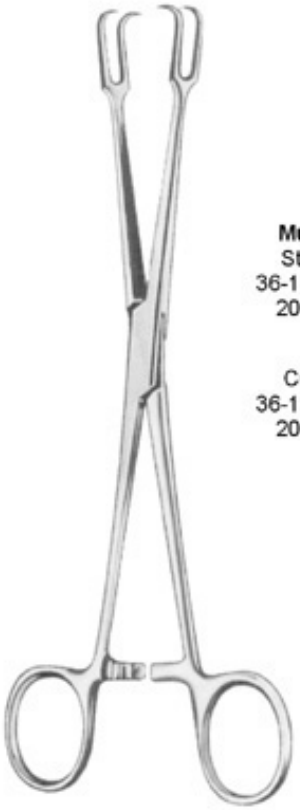


Love
23 cm/9"



Haslinger
36-13780-16

Hofer
36-13784-24
24 cm/9½"



Museux
Straight
36-13788-20
20 cm/8"

Curved
36-13789-20
20 cm/8"



Ballenger
36-13792-21
21.5 cm/8½"



White
36-13796-18 18 cm/7"
36-13796-23 23 cm/9"



Marschik Kroni
36-13800-20
20.5 cm/8"



Colver
Straight
36-13804-19
19 cm/7½"

Curved
36-13805-19
19 cm/7½"



Blohmke
36-13808-20
20 cm/8"



Eves
36-13812-28
28 cm/11"



Eves
36-13814-28
28 cm/11"

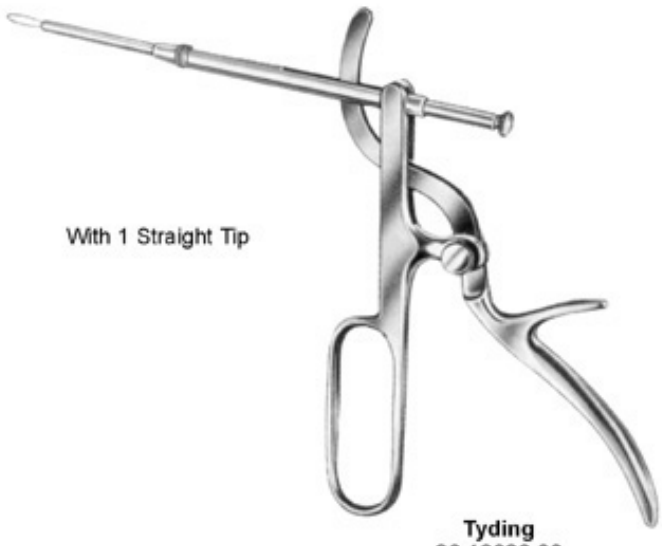


Bruenings
36-13818-28
28 cm/11"



With 1 Straight Tip

Brown
36-13822-00



With 1 Straight Tip

Tyding
36-13826-00



Sluder-Ballenger
Complete, With 3 Tips
36-13830-00

Tonsil Punch Forceps

36-13834-13 13 mm Ø
36-13834-15 15 mm Ø
36-13834-17 17 mm Ø

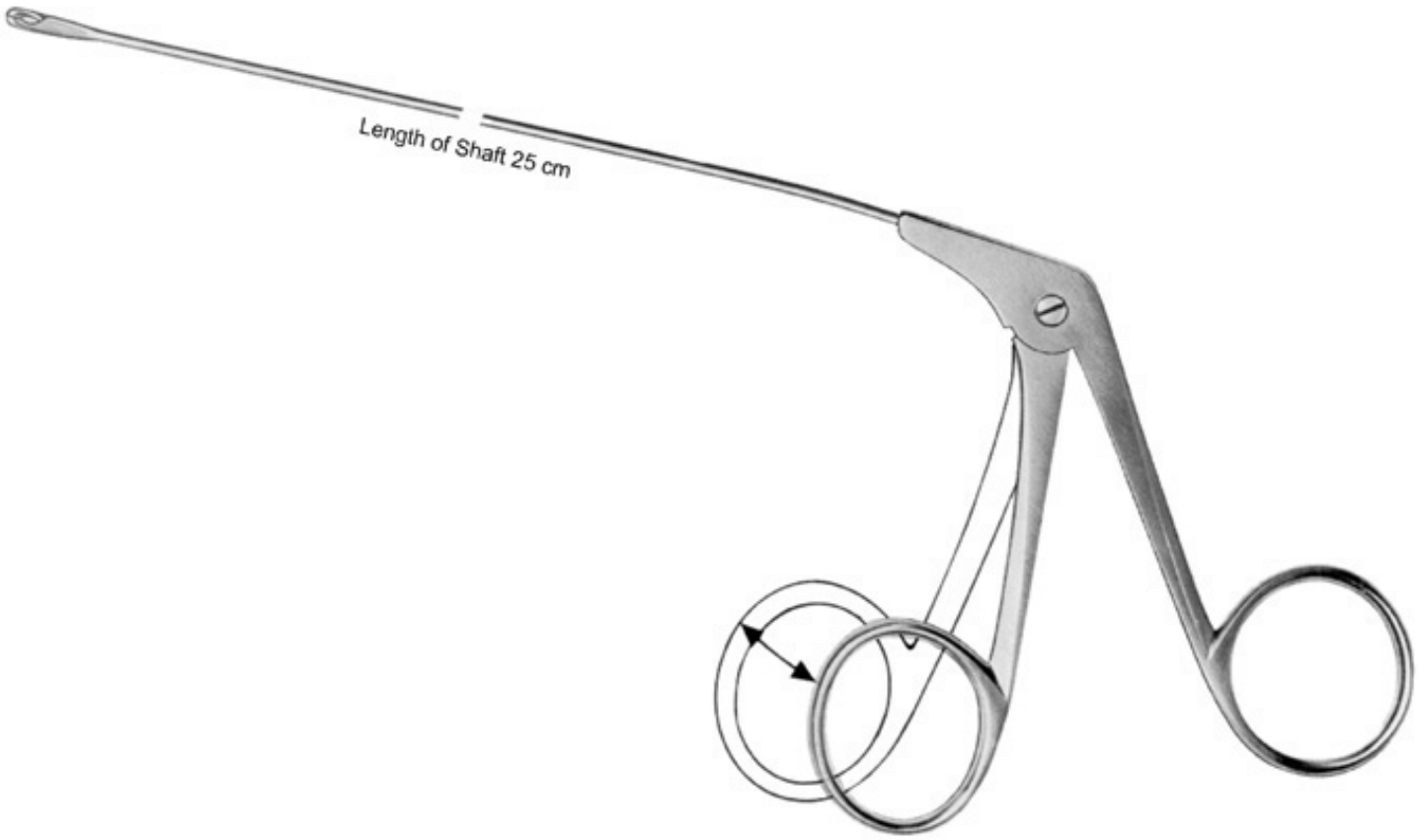


Hartmann

Tonsil Haemostats



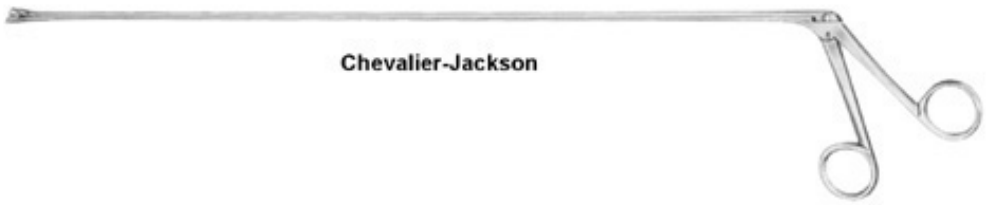
Corwin
36-13838-14
14 cm/5½"



	Micro Scissors	Micro Forceps	Cup Shaped Forceps 2.5 mm Ø
Straight			
	37-13842-01	37-13844-01	37-13846-01
Straight Horizontal			
	37-13842-02	37-13844-02	
Angled Up			
	37-13842-03		37-13846-03
Angled Up Horizontal			
	37-13842-04	37-13844-04	37-13846-04
Curved Right			
	37-13842-05	37-13844-05	37-13846-05
Curved Left			
	37-13842-06	37-13844-06	37-13846-06
			
			Oval 37-13846-07



Length of Shaft For Children	40 cm	50 cm	60 cm
	37-13852-01	37-13854-01	37-13856-01
	37-13852-02	37-13854-02	37-13856-02
35 cm 37-13850-01	37-13852-03	37-13854-03	37-13856-03
37-13850-02	37-13852-04	37-13854-04	37-13856-04
37-13850-03	37-13852-05	37-13854-05	37-13856-05
37-13850-04	37-13852-06	37-13854-06	37-13856-06
37-13850-05	37-13852-07	37-13854-07	37-13856-07
37-13850-06	37-13852-08	37-13854-08	37-13856-08
37-13850-07	37-13852-09	37-13854-09	37-13856-09
37-13850-08	37-13852-10	37-13854-10	37-13856-10
37-13850-09	37-13852-11	37-13854-11	37-13856-11
37-13850-10	37-13852-12	37-13854-12	37-13856-12
37-13850-11	37-13852-13	37-13854-13	37-13856-13

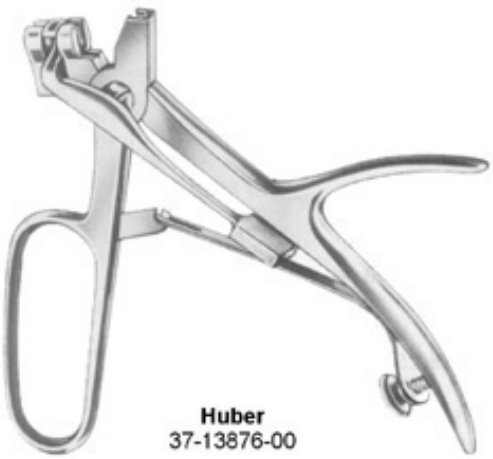


Chevalier-Jackson



Length cm	in								
30	12	37-13860-30	37-13862-30	37-13864-30	37-13866-30	37-13868-30	37-13870-30	37-13872-30	37-13874-30
40	16	37-13860-40	37-13862-40	37-13864-40	37-13866-40	37-13868-40	37-13870-40	37-13872-40	37-13874-40
50	20	37-13860-50	37-13862-50	37-13864-50	37-13866-50	37-13868-50	37-13870-50	37-13872-50	37-13874-50
60	24	37-13860-60	37-13862-60	37-13864-60	37-13866-60	37-13868-60	37-13870-60	37-13872-60	37-13874-60

Interchangeable Tips



Huber
37-13876-00

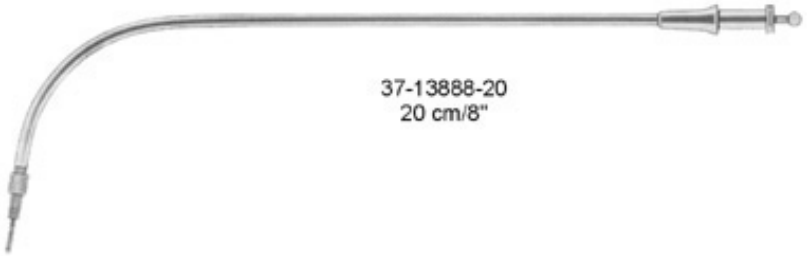


Bruenings
37-13880-00





Straight	Lengths cm	in	Angular
37-13884-20	20	08	37-13885-20
37-13884-30	30	12	37-13885-30
37-13884-40	40	16	37-13885-40
37-13884-50	50	20	37-13885-50
37-13884-60	60	24	37-13885-60



37-13888-20
20 cm/8"



Baracani
37-13890-01



Seiffert
37-13892-01



Frankel
37-13894-01



Scheinmann
37-13896-01



Scheinmann
37-13896-02



Bruenings
37-13898-01 2 mm Ø
37-13898-02 3 mm Ø



Bruenings
37-13898-03



Bruenings
37-13898-04



Lange
37-13900-01



Krause
37-13902-01



Krause
37-13904-01



Cordes
37-13906-01



Schumacher
37-13908-01





37-13910-01



37-13910-02

Cordes



Flatau
37-13912-01



Fraenkel
37-13914-01







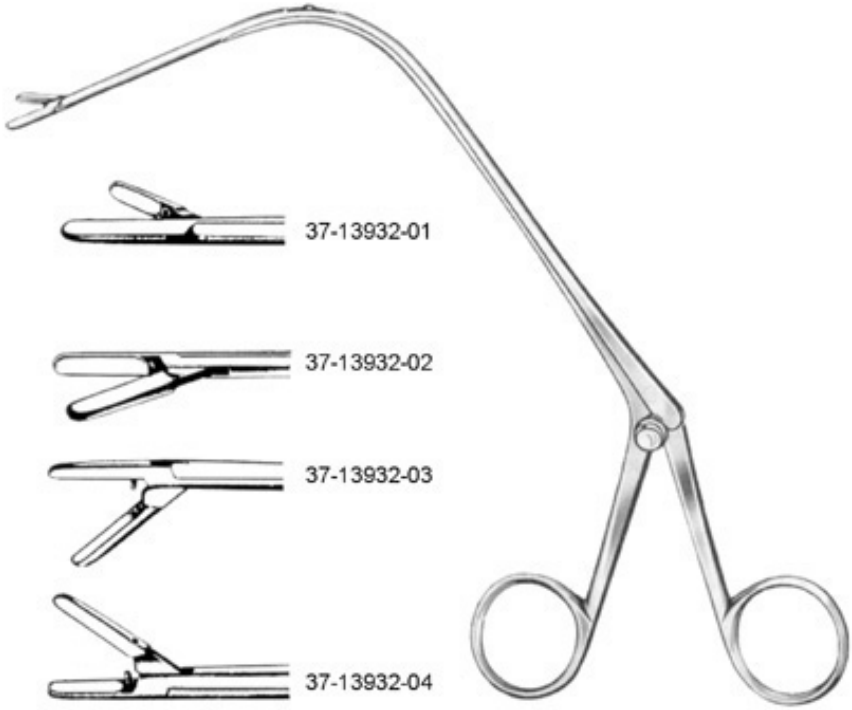
Metal Handles



Fig.	mm Ø			**Michel**	
000	06	37-13916-06	37-13918-06	37-13920-10	37-13924-01
00	08	37-13916-08	37-13918-08	37-13920-12	
0	10	37-13916-10	37-13918-10	37-13920-14	
1	12	37-13916-12	37-13918-12	37-13920-16	
2	14	37-13916-14	37-13918-14	37-13920-18	
3	16	37-13916-16	37-13918-16	25 cm/10"	
4	18	37-13916-18	37-13918-18		
5	20	37-13916-20	37-13918-20		
6	22	37-13916-22	37-13918-22		
7	24	37-13916-24	37-13918-24		
8	26	37-13916-26	37-13918-26		
9	28	37-13916-28	37-13918-28		
10	30	37-13916-30	37-13918-30		



Fraenkel
37-13928-18
18 cm/7"



Jurasz
23 cm/9"

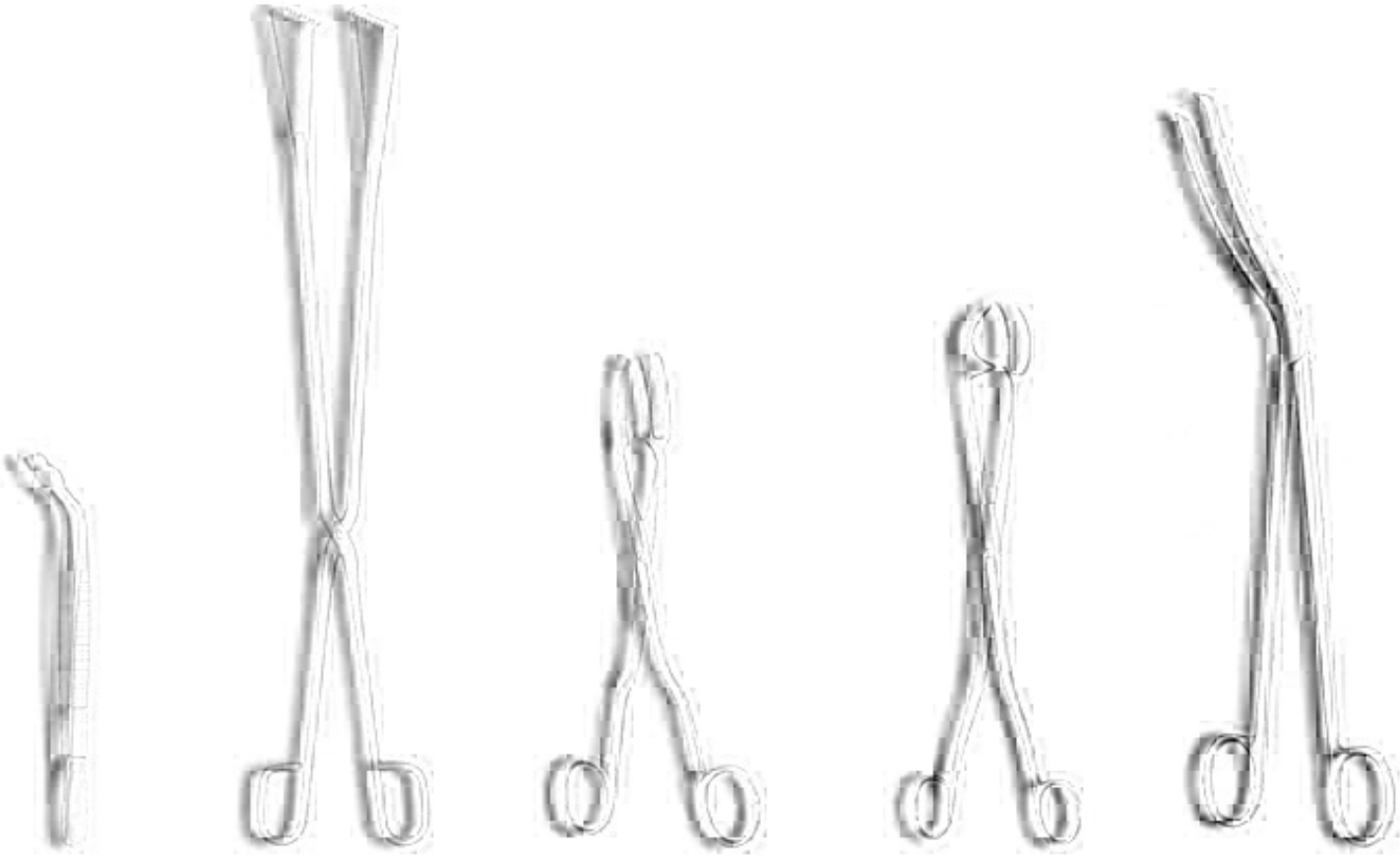
Epiglottis Retractor



Reichert
37-13936-24
24 cm/9½"



Killian
37-13940-20
20 cm/8"



Davis
38-13944-16 16 cm/6¼"
38-13944-24 24 cm/9½"

Sauerbruch
38-13948-55
55 cm/21½"

38-18952-20 20 cm/8"
38-18952-28 28 cm/11"
38-18952-30 30 cm/12"

Rogge
38-18956-23
23 cm/9"

Cheatle
38-18960-27
27 cm/10½"



Universal
38-13964-20 20 cm/8"
38-13964-28 28 cm/11"

Universal
38-13963-20
38-13963-28

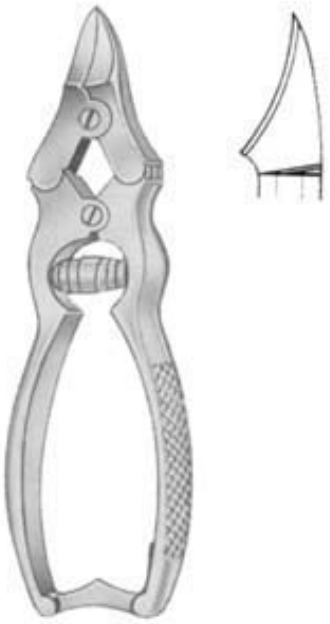


Bunt
38-18972-01
10.5 cm/4⅛"

Mayo
38-18972-02
14 cm/5½"

Mayo
38-18972-03
14 cm/5½"

Stainless



39-13976-15
15 cm/6"



39-13980-10
39-13981-10
10 cm/4"

Straight
Curved



39-13984-10
39-13985-10
10 cm 4"



39-13992-10
10 cm/4"



39-13996-11
11 cm
89 13996 13
13 cm/5





cm	in		
11	4½"	39-14000-11	
13	5	39-14000-13	
14	5½"		39-14004-14
16	6¼"		39-14004-16





cm	in		
11	4½"		39-14012-11
13	5		39-14012-13
14	5½"	39-14008-14	
15	6"	39-14008-15	39-14012-15

A

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Abdominal Scissors	50
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