

DORUSTM

Beyond Value

DORUSTM
Beyond Value

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10

Scalpel Handles - Knives

Scalpel Handles

10



No. 3

0010-0130-003



No. 3

0010-0130-005



No. 4

0010-0100-004



No. 4

0010-0101-004



No. 7

0010-0137-007



No. 7k

0010-0137-017



Collin

No. 8
0010-0108-008



Collin

No. 9
0010-0109-009



**double handle
number 3 + number 4**

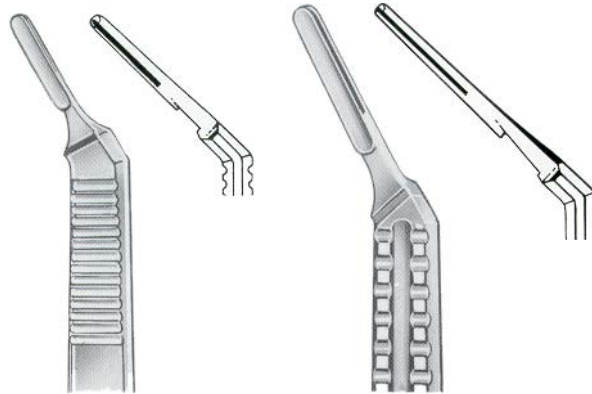
0010-0100-034

10

Scalpel Handles - Knives

Scalpel Handles

10



3L
0010-0133-035

4L
0010-0104-045



No. 3L
0010-0133-031



No. 4L
0010-0104-041



No. 5
0010-0146-003
15cm/6"



No. 5A
0010-0147-003
15cm/6"



0010-0149-001
21cm/8¼"



0010-0149-003

10

Scalpel Handles - Knives

Operating Knives

10



17cm/6¾"



Fig. 1

0010-0001-001



Fig. 2

0010-0001-002



Fig. 3

0010-0001-003



Fig. 4

0010-0001-004



Fig. 5

0010-0001-005



Fig. 6

0010-0001-006



Fig. 7

0010-0001-007



Fig. 8

0010-0001-008



Fig. 9

0010-0001-009



Fig. 10

0010-0001-010

10

Scalpel Handles - Knives

Operating Knives

10



Fig. 1
0010-0002-001



Fig. 2
0010-0002-002



Fig. 3
0010-0002-003



Fig. 4
0010-0002-004



Fig. 5
0010-0002-005



Fig. 6
0010-0002-006



Fig. 7
0010-0002-007



Fig. 8
0010-0002-008



Fig. 9
0010-0002-009



17cm/6¾"



Fig. 10
0010-0002-010



Fig. 11
0010-0002-011



Fig. 12
0010-0002-012



Fig. 13
0010-0002-013



Fig. 14
0010-0002-014



Fig. 15
0010-0002-015



Fig. 16
0010-0002-016



Fig. 18
0010-0002-018



Fig. 27
0010-0002-027



Fig. 38
0010-0002-038



Fig. 40
0010-0002-040



Fig. 46
0010-0002-046



Fig. 61
0010-0002-061



Fig. 63
0010-0002-063

10

Scalpel Handles - Knives Operating Knives

10



Dieffenbach
17cm/6¾"



Fig. 1
0010-0003-001



Fig. 2
0010-0003-002



Fig. 3
0010-0003-003



Fig. 4
0010-0003-004



Fig. 5
0010-0003-005



Fig. 6
0010-0003-006



Fig. 7
0010-0003-007



Fig. 8
0010-0003-008



Fig. 9
0010-0003-009



Fig. 15
0010-0003-015



Fig. 16
0010-0003-016

10

Scalpel Handles - Knives

Operating Knives

10



◀ Fig. 1

Bergmann
0010-0004-001
14.5cm/5¾"



Fig. 2
0010-0004-002



Fig. 3
0010-0004-003



Fig. 4
0010-0004-004



Dieffenbach
13cm/5¼"



Fig. 1
0010-0005-001



Fig. 2
0010-0005-002



Fig. 3
0010-0005-003



Fig. 4
0010-0005-004



Fig. 5
0010-0005-005



Fig. 6
0010-0005-006



Fig. 7
0010-0005-007



Fig. 8
0010-0005-008



Fig. 9
0010-0005-009



Fig. 10
0010-0005-010



Fig. 11
0010-0005-011



Fig. 12
0010-0005-012

10

Scalpel Handles - Knives

Fistula Knives

10



Simon
20cm/8"



Fig. 1
0010-0006-001



Fig. 2
0010-0006-002



Fig. 3
0010-0006-003



Fig. 4
0010-0006-004



Ulrich
22.5 cm/9"



Fig. 1
0010-0007-001



Fig. 2
0010-0007-002



Fig. 3
0010-0007-003



Simon
23.5 cm/9 1/4 "



Fig. 1
0010-0008-001



Fig. 2
0010-0008-002



Fig. 3
0010-0008-003



Fig. 4
0010-0008-004



0010-0009-001
7.5 cm/3"

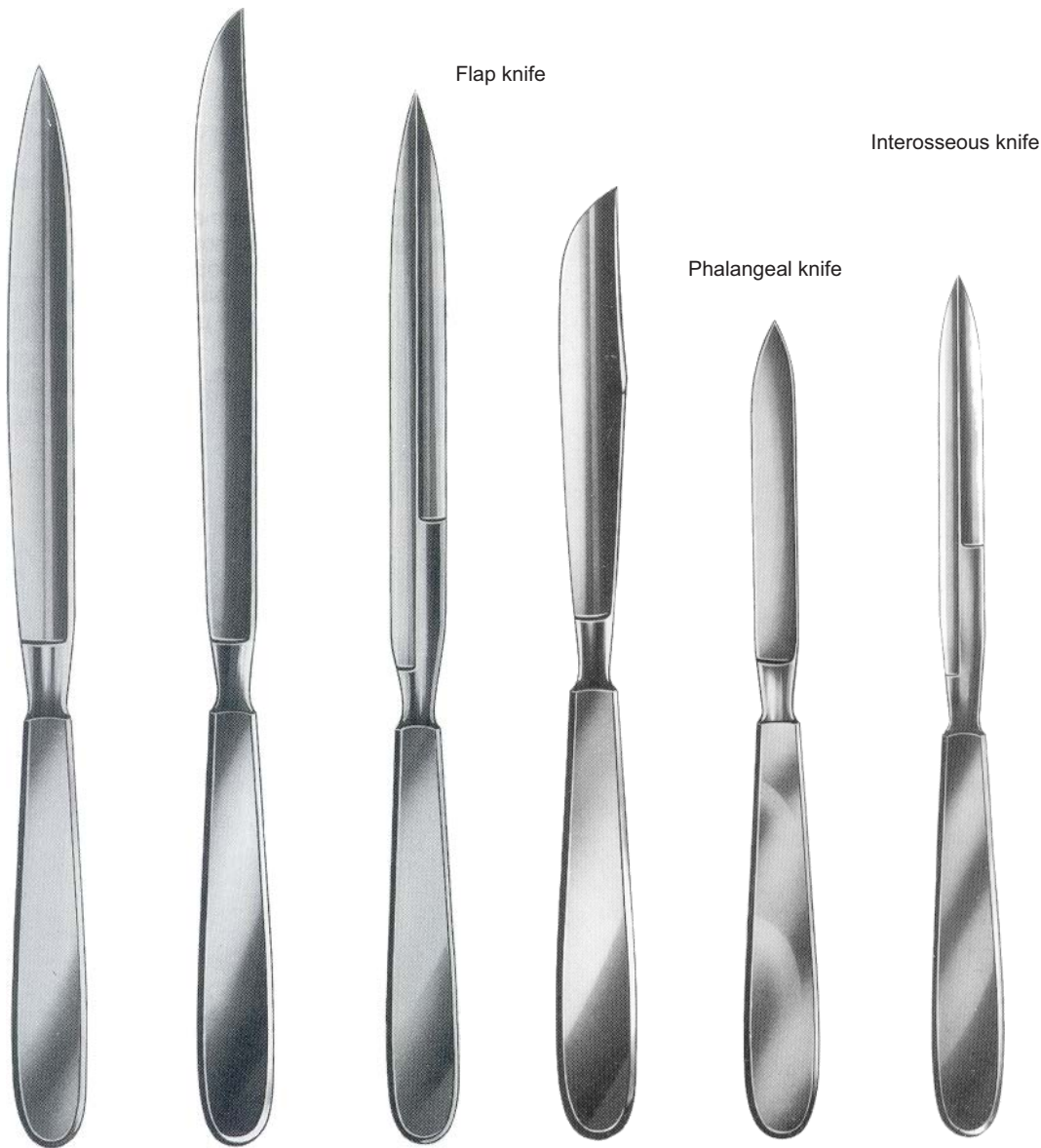


0010-0009-002
8 cm/3 1/4"

10

Scalpel Handles - Knives
Amputation Knives

10



Length of blades		Liston	Catlin	Langenbeck		
cm	in					
9.5	3 3/4				0010-0505-009	
11.0	4 1/2					0010-0506-011
12.0	4 3/4				0010-0504-012	
13.0	5	0010-0501-013				
15.0	6					
16.0	6 1/4	0010-0501-016		0010-0503-016		
17.0	6 3/4		0010-0502-017			
19.0	7 1/2	0010-0501-019		0010-0503-019		
20.0	8		0010-0502-020			
22.0	8 3/4	0010-0501-022		0010-0503-022		

10

Scalpel Handles - Knives

Resection, Brains, Post Mortem

10

Resection knives



0010-0572-00

Langenbeck
0010-0570-005
18 cm/7"

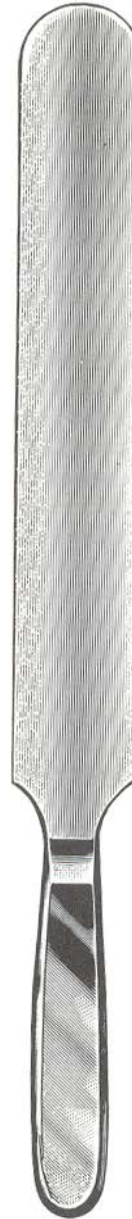


Walb

0010-0573-017
170 mm

0010-0573-014
140 mm

0010-0573-011
110 mm



Virchow

0010-0038-024
38.240 mm

0010-0038-020
28.200 mm

0010-0038-016
21.160 mm

Length of blades

11.0 cm/4 1/2"	0010-0573-011	
14.0 cm/5 1/2"	0010-0573-014	
16.0 cm/6 1/4"		0010-0038-016
17.0 cm/6 3/4"	0010-0573-017	
20.0 cm/8"		0010-0038-020
24.0 cm/9 1/2"		0010-0038-024

10

Scalpel Handles - Knives

Cartilage Knives

10



0010-0507-017
17,5 cm/7"



0010-0508-017
17,5 cm/7"



Virchow
0010-0509-022
22 cm/8½"
90 mm



Virchow
0010-0510-022
22 cm/8½"
90 mm



0010-0511-022
21 cm/8¼"
70 mm

10

Scalpel Handles - Knives

Autopsy Knives

10



Virchow
0010-0512-025
25cm/10"



Virchow
0010-0513-025
25cm/10"



Virchow
0010-0514-025
25cm/10"
95 mm



Virchow
0010-0515-026
26cm/10¼"
90 mm



Virchow
0010-0516-026
26cm/10¼"
120 mm



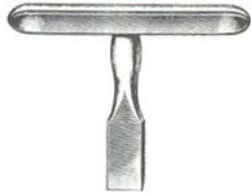
Virchow
0010-0517-027
27cm/10½"
150 mm

10

Scalpel Handles - Knives

Autopsy Knives and Chisels

10

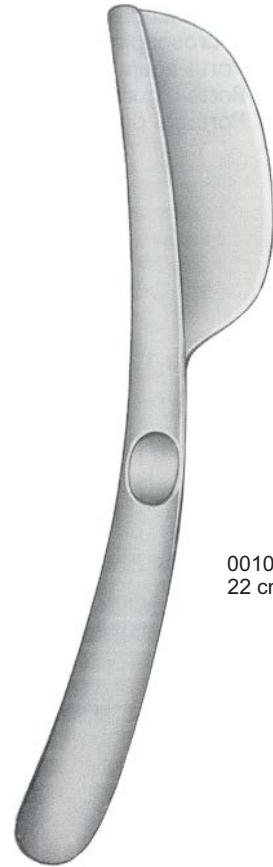


Virchow
0010-0518-000
15 mm



Skull Breaker

0010-0519-014
14 cm/5½"



Rachiotome

0010-0520-022
22 cm/8¾"



Osteotome

0010-0521-013
13 cm/5"

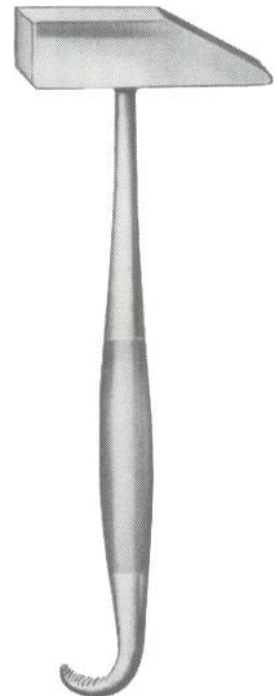


Brunetti
0010-0522-028



Brunetti
0010-0523-028

28.5 cm/11¼"



0010-0524-027
27 cm/10½"

10

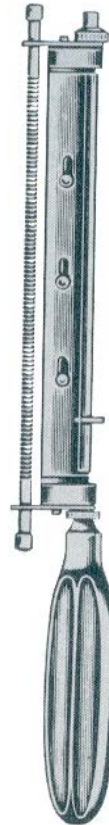
Scalpel Handles - Knives

Skin Grafting Knives

10



Thiersch
0010-0877-020
20 cm/8"



Humby
0010-0878-000
30 cm/12"



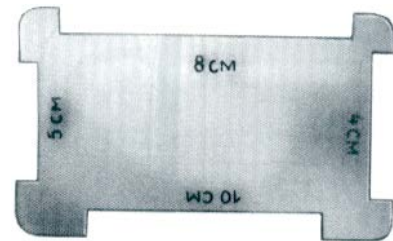
Spare blade
0010-0878-001



Schink
0010-0880-000
30 cm/12"



Spare blade
0010-0880-001



0010-0880-002

11

Scissor Supercut Scissors

11

Saw Edge



Straight Curved
0011-0010-014 0011-0011-014
14.5cm/5 3/4"



Mayo

Straight Curved
0011-0012-014 14.5cm/5 3/4" 0011-0013-014
0011-0012-017 17.0cm/6 3/4" 0011-0013-017
0011-0012-023 23.0cm/9" 0011-0013-023



Mayo-Stille

Straight Curved
0011-0014-015 15.0cm/6" 0011-0015-015
0011-0014-017 17.0cm/6 3/4" 0011-0015-017



Lexer

Straight Curved
0011-0016-016 0011-0017-016
16cm/6 1/4"



Baby-Metzenbaum

Straight Curved
0011-0018-011 0011-0019-011
11.5cm/4 1/2"



Metzenbaum

Straight Curved
0011-0020-014 0011-0021-014
14.5cm/5 3/4"



Metzenbaum-Fine

Straight Curved
0011-0022-014 14cm/5 3/4" 0011-0023-014
0011-0022-018 18cm/7" 0011-0023-018
0011-0022-020 20cm/8" 0011-0023-020
0011-0022-023 23cm/9" 0011-0023-023

11

Scissor Supercut Scissors

11

Saw edge



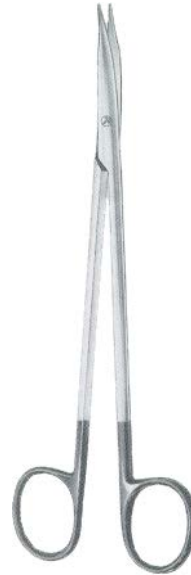
Sims

Straight		Curved
0011-0024-020	20 cm/8"	0011-0025-020
0011-0024-023	23 cm/9"	0011-0025-023



Siebold

0011-0026-024
24 cm/9½"



Jameson

0011-0027-015 15 cm/6"
0011-0027-018 18 cm/7"



Reynolds

Straight	Curved
0011-0028-015	0011-0029-015
	15 cm/6"



Straight	Curved
0011-0030-011	0011-0031-011
	11.5 cm/4½"



Straight	Curved
0011-0032-011	0011-0033-011
	11.5 cm/4½"



Plastic Surgery

Straight	Curved
0011-0034-012	0011-0035-012
	12 cm/4¾"



Wagner

Straight	Curved
0011-0036-012	0011-0037-012
	12 cm/4¾"

11

Scissor Supercut Scissors

11

Saw Edge



0011-0038-011
11.5 cm/4½"



0011-0039-014
14cm/5½"



Reynolds
0011-0040-013
13cm/5"

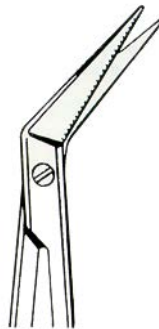
Endarterectomy
Scissors



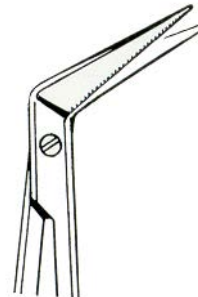
Potts-Smith
19cm/7½"



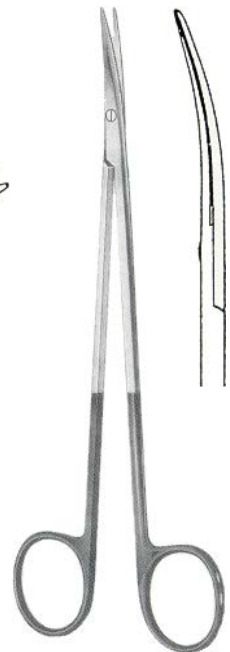
25°
0011-0041-019



45°
0011-0042-019



60°
0011-0043-019



0011-0044-017
17cm/6¾"

11

Scissor Supercut Scissors

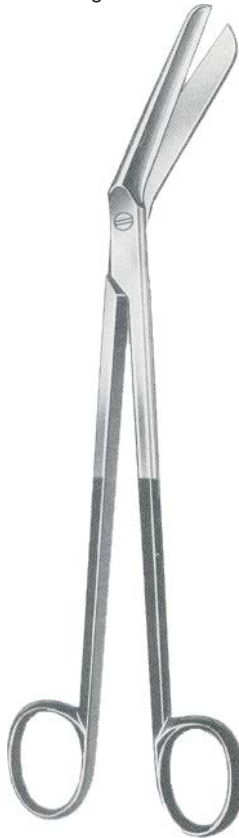
11

Saw Edge



Lister

0011-0045-014 14.5cm/5¾"
0011-0045-018 18cm/7"
0011-0045-020 20cm/8"



Braun-Stadler

0011-0046-014 14.5cm/5¾"
0011-0046-022 22cm/8¾"



Stevens

Straight 0011-0047-011 11.5cm/4½"
Curved 0011-0048-011



Heymann

0011-0049-018
18cm/7"



Fomon

0011-0050-013
13cm/5"



Fomon

0011-0051-013
13cm/5"



Cottle

0011-0052-016
16cm/6¼"

11

Scissor Operating Scissors

11



Straight

Standard
Fig. 1



Straight

Standard
Fig. 2



Straight

Standard
Fig. 3

10.0	cm/4"	0011-0100-010
11.5	cm/4½"	0011-0100-011
13.0	cm/5"	0011-0100-013
14.5	cm/5¾"	0011-0100-014
15.5	cm/6"	0011-0100-015
16.0	cm/6¼"	0011-0100-016
18.0	cm/7"	0011-0100-018
20.0	cm/8"	0011-0100-020

0011-0102-010
0011-0102-011
0011-0102-013
0011-0102-014
0011-0102-015
0011-0102-016
0011-0102-018
0011-0102-020

0011-0104-010
0011-0104-011
0011-0104-013
0011-0104-014
0011-0104-015
0011-0104-016
0011-0104-018
0011-0104-020



Straight

Standard
14.5cm/5¾"

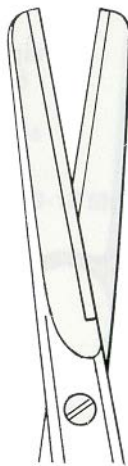


Fig. 1

0011-0902-014

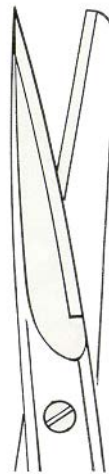


Fig. 2

0011-0904-014

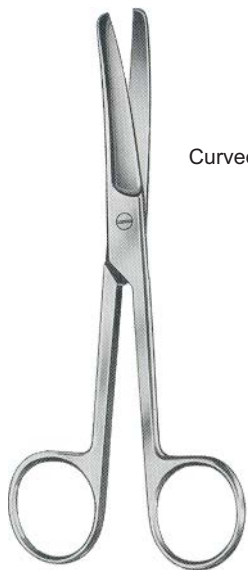


Fig. 3

0011-0906-014

cut

Scissor
Operating Scissors



Curved

Standard
Fig. 1

0011-0105-010
0011-0105-011
0011-0105-013
0011-0105-014
0011-0105-015
0011-0105-016
0011-0105-018
0011-0105-020



Curved

Standard
Fig. 2

0011-0107-010
0011-0107-011
0011-0107-013
0011-0107-014
0011-0107-015
0011-0107-016
0011-0107-018
0011-0107-020



Curved

Standard
Fig. 3

0011-0109-010
0011-0109-011
0011-0109-013
0011-0109-014
0011-0109-015
0011-0109-016
0011-0109-018
0011-0109-020

10.0	cm/4"
11.5	cm/4 1/2"
13.0	cm/5"
14.5	cm/5 3/4"
15.5	cm/6"
16.0	cm/6 1/4"
18.0	cm/7"
20.0	cm/8"

cut



Curved

Standard
14.5cm/5 3/4"



Fig. 1
0011-0903-014

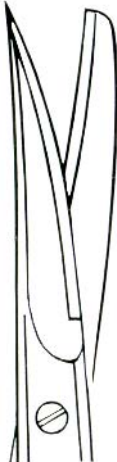


Fig. 2
0011-0905-014



Fig. 3
0011-0907-014

11

Scissor Operating Scissors

11



0011-0122-013
0011-0122-014

13.0 cm/5"
14.5 cm/5¾"

Straight



0011-0124-013
0011-0124-014



0011-0127-013
0011-0127-014

13.0 cm/5"
14.5 cm/5¾"

Curved



0011-0129-013
0011-0129-014

Grazil

0011-0120-013 13 cm/5"
0011-0120-014 14.5 cm/5¾"

Grazil

0011-0125-013 13 cm/5"
0011-0125-014 14.5 cm/5¾"



Straight



Curved

Deaver

0011-0140-014 14.5cm/5¾" 0011-0141-014



Straight



Curved

Mixer

0011-0160-015 15.5cm/6" 0011-0161-015

11

Scissor Dissecting Scissors

11



Lexer
Straight
0011-0310-016
16 cm/6 1/4"



Lexer
Curved
0011-0311-016
16 cm/6 1/4"



Lexer
Straight
0011-0950-016
16 cm/6 1/4"



Lexer
Curved
0011-0951-016
16 cm/6 1/4"

cut



Lexer-Fine
Straight
0011-0062-016
16 cm/6 1/4"



Lexer-Fine
Curved
0011-0063-016
16 cm/6 1/4"



Lexer-Fine
Straight
0011-0064-016
16 cm/6 1/4"



Lexer-Fine
Curved
0011-0065-016
16 cm/6 1/4"

cut

11

Scissor Operating Scissors

11

Incision Scissors



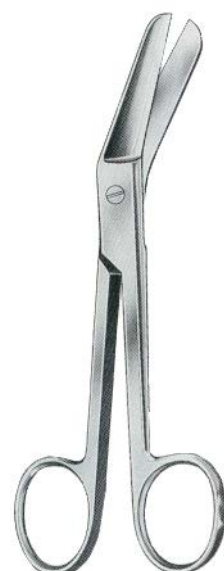
0011-0066-013 13.0 cm/5¼"
0011-0066-014 14.5 cm/5¾"



0011-0067-015
15.5 cm/6"



Richter
0011-0068-014
14.5 cm/5¾"



Richter
0011-0069-014
14.5 cm/5¾"



Fergusson
0011-0070-018
18 cm/7"



New Suture
0011-0071-014
14.5 cm/5¾"

11

Scissor

Operating and Dissecting Scissors

11

cut



Mayo
Straight

0011-0170-014 14.5 cm/5 3/4"
0011-0170-015 15.0 cm/6"
0011-0170-017 17.0 cm/6 3/4"
0011-0170-019 19.0 cm/7 1/2"
0011-0170-023 23.0 cm/9"



Mayo
Curved

0011-0171-014 14.5 cm/5 3/4"
0011-0171-015 15.0 cm/6"
0011-0171-017 17.0 cm/6 3/4"
0011-0171-019 19.0 cm/7 1/2"
0011-0171-023 23.0 cm/9"



Mayo
Straight

0011-0910-014 14.5 cm/5 3/4"
0011-0910-017 17.0 cm/6 3/4"
0011-0910-023 23.0 cm/9"



Mayo
Curved

0011-0911-014 14.5 cm/5 3/4"
0011-0911-017 17.0 cm/6 3/4"
0011-0911-023 23.0 cm/9"

cut



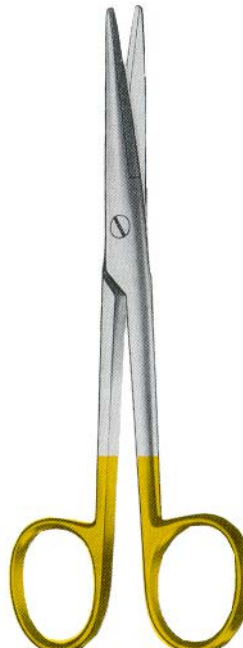
Mayo-Stille
Straight

0011-0180-015 15 cm/6"
0011-0180-017 17 cm/6 3/4"
0011-0180-019 19 cm/7 1/2"
0011-0180-021 21 cm/8 1/4"



Mayo-Stille
Curved

0011-0181-015 15 cm/6"
0011-0181-017 17 cm/6 3/4"
0011-0181-019 19 cm/7 1/2"
0011-0181-021 21 cm/8 1/4"



Mayo-Stille
Straight

0011-0930-015 15 cm/6"
0011-0930-017 17 cm/6 3/4"



Mayo-Stille
Curved

0011-0931-015 15 cm/6"
0011-0931-017 17 cm/6 3/4"

11

Scissor

Operating and Dissecting Scissors

11



Straight

Mayo-Noble
0011-0190-017
17 cm/6¾"



Curved

Mayo-Noble
0011-0191-017
17 cm/6¾"



Straight

Baby-Metzenbaum
0011-0248-011
11.5 cm/4½"



Curved

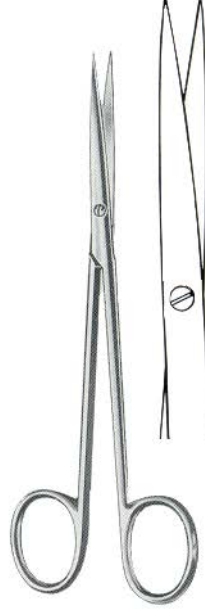
Baby-Metzenbaum
0011-0249-011
11.5 cm/4½"



Metzenbaum-Fine
0011-0326-014
14.5 cm/5¾"



Metzenbaum-Fine
0011-0327-014
14.5 cm/5¾"



Metzenbaum-Fine
0011-0328-014
14.5 cm/5¾"



Metzenbaum-Fine
0011-0329-014
14.5 cm/5¾"

11

Scissor Dissecting Scissors

11

Straight



Fig 1

Metzenbaum
0011-0250-014
14.5 cm/5¾"



Fig 2

Metzenbaum
0011-0252-014
14.5 cm/5¾"

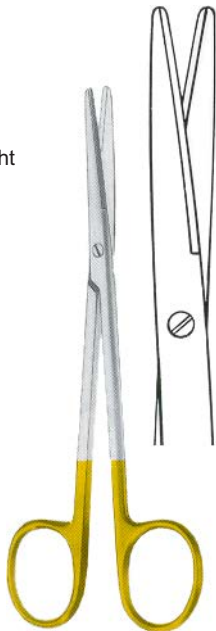


Fig 3

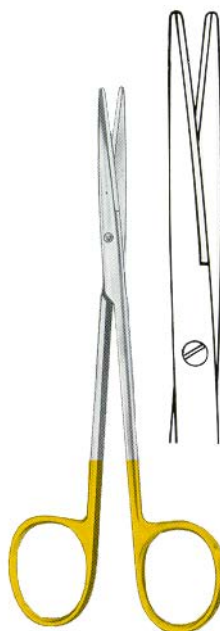
Metzenbaum
0011-0254-014
14.5 cm/5¾"

cut

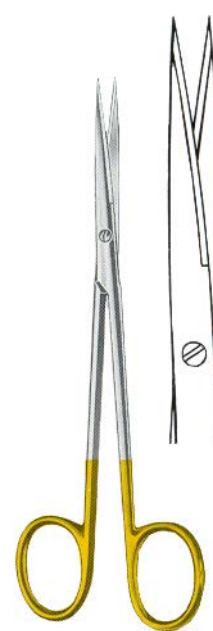
Straight



Metzenbaum
0011-0938-014
14.5 cm/5¾"



Metzenbaum-Fine
0011-0954-014
14.5 cm/5¾"



Metzenbaum-Fine
0011-0956-014
14.5 cm/5¾"

11

Scissor Dissecting Scissors

11

Curved



Fig. 1
Metzenbaum
0011-0255-014
14.5 cm/5¾"



Fig. 2
Metzenbaum
0011-0257-014
14.5 cm/5¾"



Fig. 3
Metzenbaum
0011-0259-014
14.5 cm/5¾"

cut

Curved



Metzenbaum
0011-0939-014
14.5 cm/5¾"



Metzenbaum-Fine
0011-0955-014
14.5 cm/5¾"



Metzenbaum-Fine
0011-0957-014
14.5 cm/5¾"

11

Scissor Dissecting Scissors

11

Straight



Metzenbaum-Fine

18 cm/7"	0011-0330-018
20 cm/8"	0011-0330-020
23 cm/9"	0011-0330-023
25 cm/10"	0011-0330-025
28 cm/11"	
30 cm/12"	



Metzenbaum

0011-0280-018
0011-0280-020
0011-0280-023
0011-0280-025
0011-0280-028
0011-0280-030



Metzenbaum

0011-0282-018
0011-0282-020
0011-0282-023
0011-0282-025
0011-0282-028
0011-0282-030

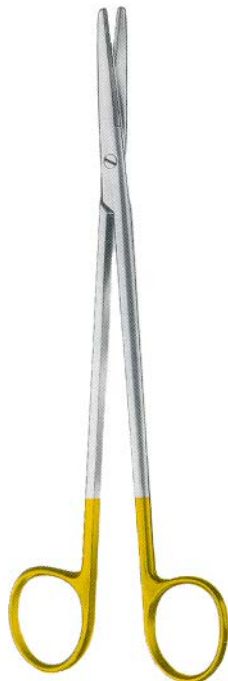


Metzenbaum

0011-0284-018
0011-0284-020
0011-0284-023
0011-0284-025
0011-0284-028
0011-0284-030

cut

Straight



Metzenbaum

18 cm/7"	0011-0942-018
20 cm/8"	0011-0942-020
23 cm/9"	0011-0942-023
25 cm/10"	0011-0942-025
28 cm/11"	0011-0942-028
30 cm/12"	0011-0942-030



Metzenbaum-Fine

0011-0960-018
0011-0960-020
0011-0960-023
0011-0960-025



Metzenbaum-Fine

0011-0962-018
0011-0962-020
0011-0962-023
0011-0962-025

11

Scissor Dissecting Scissors

11

Curved



Metzenbaum-Fine

18 cm/7"	0011-0331-018
20 cm/8"	0011-0331-020
23 cm/9"	0011-0331-023
25 cm/10"	0011-0331-025
28 cm/11"	
30 cm/12"	



Metzenbaum

0011-0285-018
0011-0285-020
0011-0285-023
0011-0285-025
0011-0285-028
0011-0285-030



Metzenbaum

0011-0283-018
0011-0283-020
0011-0283-023
0011-0283-025
0011-0283-028
0011-0283-030

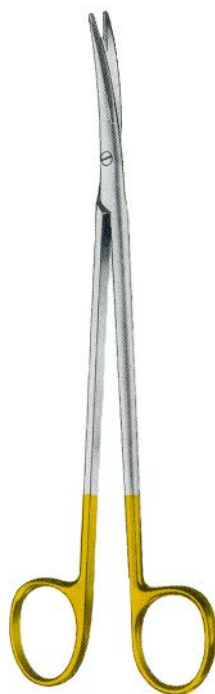


Metzenbaum

0011-0298-018
0011-0298-020
0011-0298-023
0011-0298-025
0011-0298-028
0011-0298-030

cut

Curved



Metzenbaum

18 cm/7"	0011-0943-018
20 cm/8"	0011-0943-020
23 cm/9"	0011-0943-023
25 cm/10"	0011-0943-025
28 cm/11"	0011-0943-028
30 cm/12"	0011-0943-030



Metzenbaum-Fine

0011-0961-018
0011-0961-020
0011-0961-023
0011-0961-025



Metzenbaum-Fine

0011-0963-018
0011-0963-020
0011-0963-023
0011-0963-025

11

Scissor Gynecological Scissors

11



Sims
0011-0200-020 20 cm/8"
0011-0200-023 23 cm/9"



Straight
0011-0201-020 20 cm/8" 0011-0202-020
0011-0201-023 23 cm/9" 0011-0202-023



Sims
0011-0203-020 20 cm/8"
0011-0203-023 23 cm/9"



Curved
0011-0204-020 20 cm/8" 0011-0205-020
0011-0204-023 23 cm/9" 0011-0205-023

cut



Sims
0011-0976-020 20 cm/8"
0011-0976-023 23 cm/9"



Wertheim
0011-0235-014 14.5 cm/5³/₄"
0011-0235-019 19.5 cm/7³/₄"
0011-0235-022 22.5 cm/9"

11

Scissor Gynecological Scissors

11



Curved

Dubois
0011-0206-027 27 cm/10 1/2"



Dubois
0011-0207-027 27 cm/10 1/2"



Straight

Doyen
0011-0230-016 16 cm/6 1/4"
0011-0230-018 18 cm/7"



Curved

Doyen
0011-0231-016 16 cm/6 1/4"
0011-0231-018 18 cm/7"



Kelly
0011-0226-016 16 cm/6 1/4"
0011-0226-018 18 cm/7"



Kelly
0011-0227-016 16 cm/6 1/4"
0011-0227-018 18 cm/7"

11

Scissor Fine Scissors

11



Fig. 1
0011-0576-013



Fig. 2
0011-0576-012
12cm/4¾"

Straight



Fig. 3
0011-0577-012



Fig. 1
0011-0578-013



Fig. 2
0011-0578-012
12cm/4¾"

Curved



Fig. 3
0011-0579-012

Saw Edge



Wagner
12cm/4¾"

Curved



Fig. 1
0011-0568-012



Fig. 2
0011-0569-012



Fig. 3
0011-0570-012



Fig. 4
0011-0571-012



Fig. 1
0011-0572-012



Fig. 2
0011-0573-012



Fig. 3
0011-0574-012



Fig. 4
0011-0575-012



0011-0630-011
11.5cm/4½"

Straight



0011-0631-011
11.5cm/4½"

Curved

11

Scissor Fine Scissors

11



Straight

Brophy (Sullivan)
0011-0580-014

14.5 cm/5¾"

0011-0581-014



Curved



Straight

Reynolds
0011-0364-015
0011-0364-018

15 cm/6"
18 cm/7"



Curved

0011-0365-015
0011-0365-018

Enucleation Scissors



Jameson
0011-0369-014
15cm/6"



0011-0370-012



0011-0371-012



0011-0372-012



0011-0373-012

Landolt
12.5cm/5"

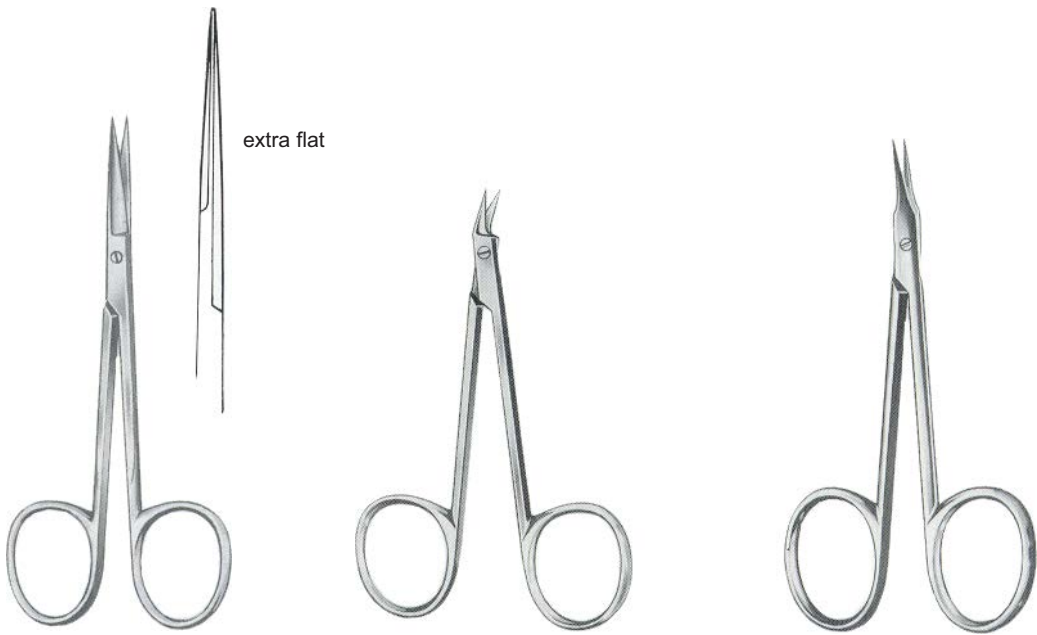
11

Scissor
Fine Scissors

11



Standard					
9.0 cm/3½"	0011-0642-009	0011-0643-009	0011-0644-009	0011-0620-009	0011-0621-009
10.5 cm/4¼"	0011-0642-010	0011-0643-010	0011-0644-010	0011-0620-010	0011-0621-010
11.5 cm/4½"	0011-0642-011	0011-0643-011	0011-0644-011	0011-0620-011	0011-0621-011



0011-0645-010
10cm/4"

0011-0646-009
9cm/3½"

Walton
0011-0647-010
10cm/4"

11

Scissor
Fine Scissors

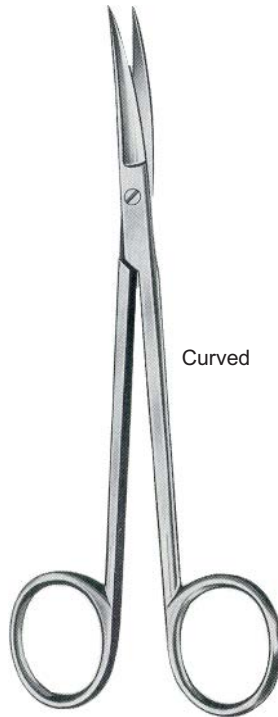
11



Straight

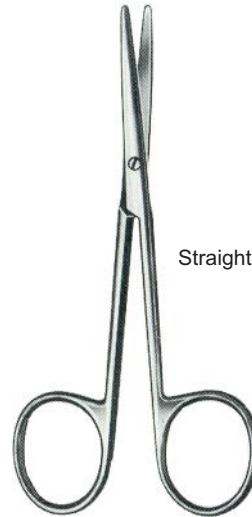
0011-0648-014

Sanvenero
14.5cm/5¾"



Curved

0011-0649-014



Straight

0011-0320-010

Baby-Lexer (Knapp)
10cm/4"



Curved

0011-0321-010



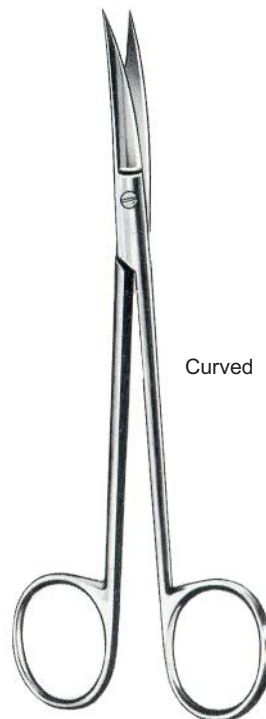
Straight
0011-0650-013 13cm/5"



Straight

0011-0652-014

Joseph
14cm/5½"



Curved

0011-0653-014

11

Scissor

Dissecting and Vascular Scissors

11



Kilner (Ragnell)
0011-0359-012 12cm/4¾"
0011-0359-013 13cm/5"
0011-0359-015 15cm/6"



0011-0421-014
14.5cm/5¾"

Coronary Scissors



0011-0420-011
11.5cm/4½"



Potts-Smith
0011-0422-019
19.5cm/7¾"



De Bakey
0011-0423-015
15.5cm/6"



De Bakey
0011-0424-015
15.5cm/6"



Favaloro
0011-0419-090
15cm/6"

11

Scissor Vascular Scissors

11



11

Scissor

Cartilage and Vascular Scissors

11



Saw Edge

Martin-Cartilage
0011-0423-020
20cm/8"



McIndoe
0011-0424-019
19cm/7½"



Potts-Smith
0011-0425-019
19cm/7½"



Satinsky
0011-0375-024
24.5cm/10"



Klingenberg-Loth
0011-0426-023
23cm/9"

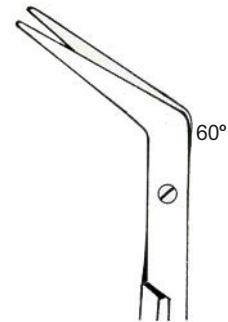
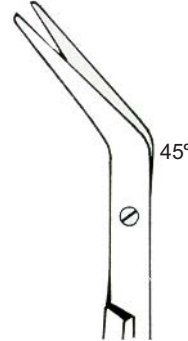
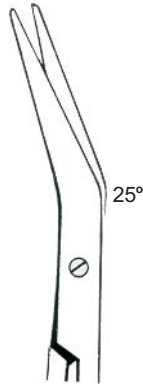
11

Scissor Vascular Scissors

11



De Bakey
18cm/7"

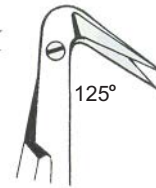
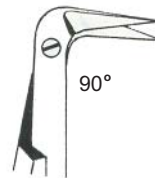


cm	In			
16.0cm	6¼"	0011-0427-016	0011-0428-016	0011-0429-016
23.0cm	9"	0011-0427-023	0011-0428-023	0011-0429-023
28.0cm	11"	0011-0427-028	0011-0428-028	0011-0429-028



Baby-Hegemann
13.5cm/5¼"

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



cm	In					
13.0cm	5¼"	0011-0430-013	0011-0431-013	0011-0432-013	0011-0433-013	0011-0434-013
16.0cm	6¼"	0011-0430-016	0011-0431-016	0011-0432-016	0011-0433-016	0011-0434-016
19.0cm	7½"	0011-0430-019	0011-0431-019	0011-0432-019	0011-0433-019	0011-0434-019



Hegemann (Diethrich)
0011-0435-019
19cm/7½"

11

Scissor

Vascular Scissors

11



18cm/7"

25°



0011-0654-018

45°



0011-0655-018

60°



0011-0656-018

90°



0011-0657-018

125°



0011-0658-018

25°



0011-0659-018

45°



0011-0660-018

60°



0011-0661-018

90°



0011-0662-018

125°



0011-0663-018

11

Scissor Dissecting and Tonsil Scissors

11

Nerve Dissecting Scissors



0011-0664-015
15cm/6"

Tonsil Scissors



Bottcher
0011-0665-018
18cm/7"



Prince
0011-0666-017
17.5cm/7"

Arteriotomy Scissors



Adson-Fine
0011-0667-017
17.5cm/7"

Straight



Tonnis
0011-0668-018
18cm/7"

Curved



Tonnis
0011-0669-018
18cm/7"



Adson
0011-0670-017
17.5cm/7"

TC



Adson
0011-0671-017
17.5cm/7"

11

Scissor

Tonsil and Enterotomy Scissors

11

Tonsil Scissors



Good
0011-0499-019
19 cm/7½"

Lobectomy Scissors



Crafoord
0011-0672-030
30 cm/12"



Finochietto
0011-0673-030
27 cm/10½"

Enterotomy Scissors



0011-0674-021
21 cm/8¼"



0011-0675-021
21 cm/8¼"



0011-0676-021
21 cm/8¼"

11

Scissor

Umbilical and Episiotomy Scissors

11



Busch
0011-0551-013 13 cm/5"
0011-0551-016 16 cm/6¼"



Schumacher
0011-0547-016
16 cm/6¼"



Mod. USA
0011-0545-010
10.5cm/4 ¼"
0011-0545-012
12.5cm



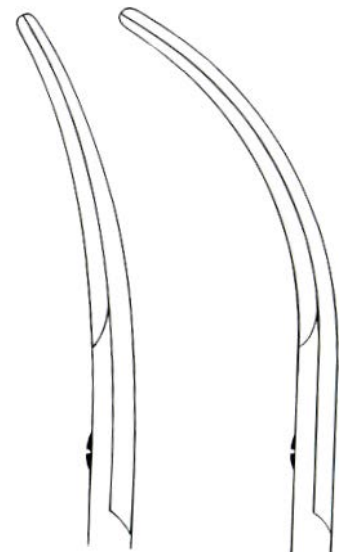
Braun-Stadler
0011-0535-014
14 cm/5½"



Braun-Stadler
0011-0537-022
22 cm/8½"



cut



Parametrium

0011-0548-023
23 cm/9"

0011-0549-023
23 cm/9"

11

Scissor Nasal Scissors

11



Heymann
0011-0511-018
18 cm/7"



Heymann
0011-0512-019
19.5 cm/7 3/4"



Knight
0011-0508-018
18 cm/7"



Fomon
0011-0514-013
13 cm/5"



Fomon
0011-0515-013
13.5 cm/5 1/4"



Fomon
0011-0516-013
13.5 cm/5 1/4"



Cottle
0011-0509-016
16 cm/6 1/4"



Halle
0011-0510-019
19 cm/7 1/4"

11

Scissor

Dissecting, Trigeminal, Wire Cutting
and Gum Scissors

11



Strully
0011-0677-022 22 cm/8¾" 0011-0678-022



Dandy
0011-0679-022
17 cm/6¾"



Trigeminal Scissors

Olivecrona
0011-0475-015



Universal
0011-0684-012
12 cm/4¾"



Goldman-Fox
Straight
0011-0980-013
13 cm/5"



Goldman-Fox
Curved
0011-0981-013
13 cm/5"

11

Scissor Iridectomy Scissors

11



Fig. 1



Fig. 2



Fig. 3

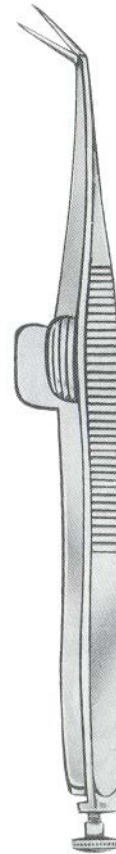
Noyes

Fig.1 0011-1001-001
Fig.2 0011-1001-002
Fig.3 0011-1001-003
12 cm/4¾"



Noyes

0011-1002-012
12 cm/4¾"



Wecker

0011-1003-001
11.5 cm/4½"



0011-1003-002

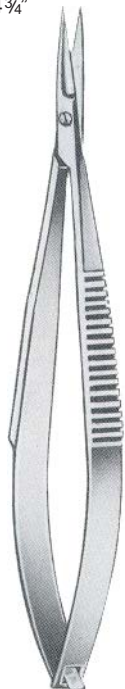


0011-1003-003



Barraquer

0011-1004-005
5.5 cm/2¼"



0011-1005-009
9 cm/3½"



0011-1006-009



0011-1007-009



0011-1008-009



0011-1009-009

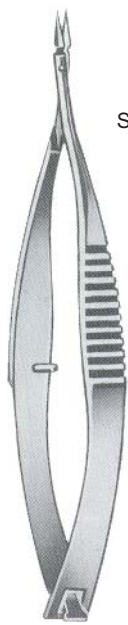


0011-1010-009

11

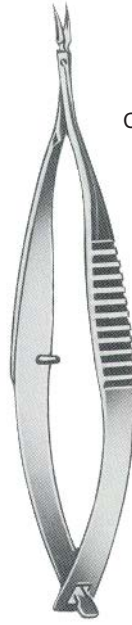
Scissor Iridectomy Scissors

11



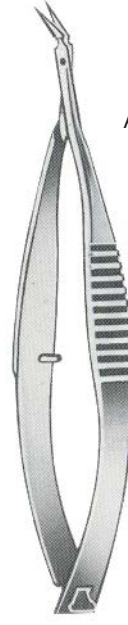
Straight

Vannas
0011-1011-008
8 cm/3¼"



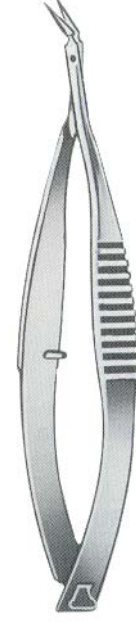
Curved

Vannas
0011-1012-008
8 cm/3¼"



Angular

Vannas
0011-1013-008
8 cm/3¼"

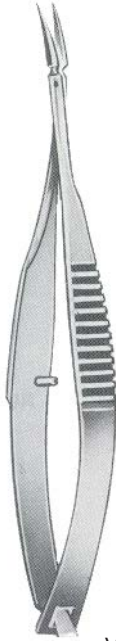


Vannas
0011-1014-008
8 cm/3¼"



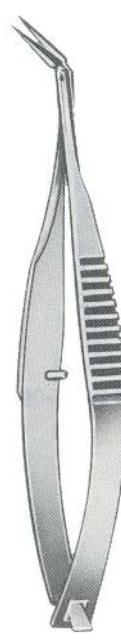
Straight

0011-1015-008
8.5 cm/3¼"



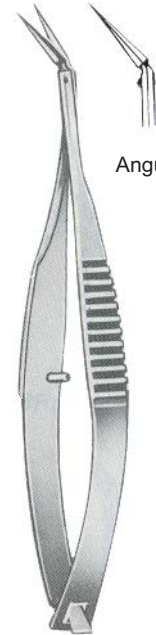
Curved

Vannas Mod, Tubingen
0011-1016-008
8.5 cm/3½"



Angular

0011-1017-008
8.5 cm/3½"



Angular

0011-1018-008
8.5 cm/3½"

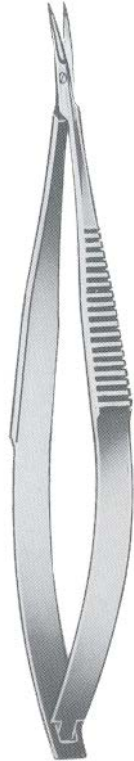
11

Scissor Iridectomy Scissors

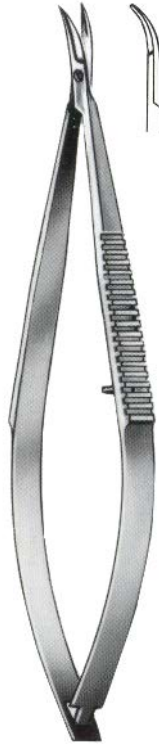
11



0011-1019-010
10 cm/4"



0011-1020-010
10 cm/4"



Castroviejo
0011-1021-010
10 cm/4"



Castroviejo
0011-1022-010
10 cm/4"



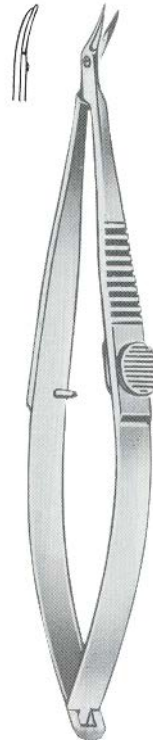
Aebil
0011-1023-010
10 cm/4"



Castroviejo
0011-1024-010
10 cm/4"



Castroviejo
0011-1025-010
10 cm/4"



Troutman-Barraquer
0011-1026-010
10 cm/4"

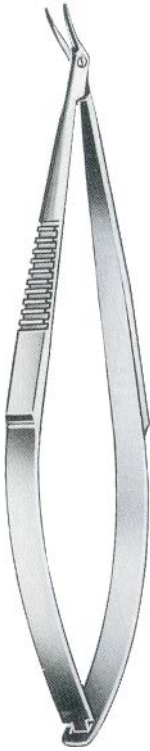


Troutman-Barraquer
0011-1027-010
10 cm/4"

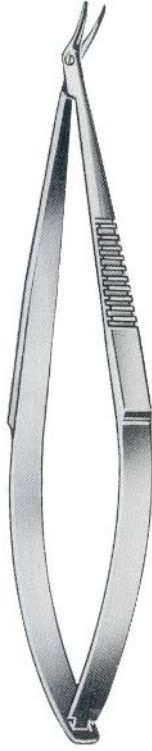
11

Scissor Iridectomy Scissors

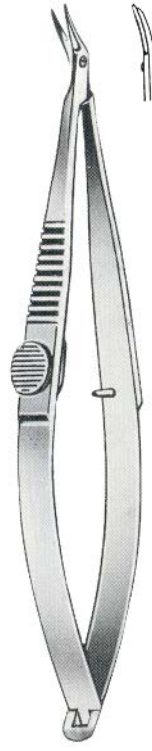
11



Troutman
0011-1028-010
10 cm/4"



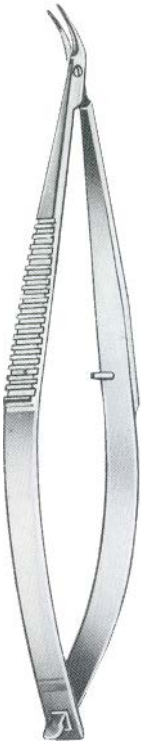
Troutman
0011-1029-010
10 cm/4"



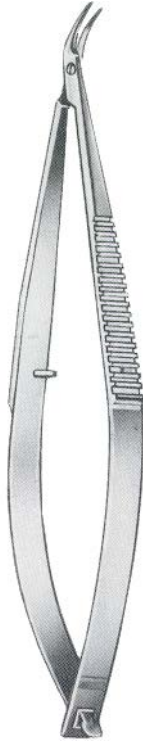
Katzin-Barraquer
0011-1030-010
10 cm/4"



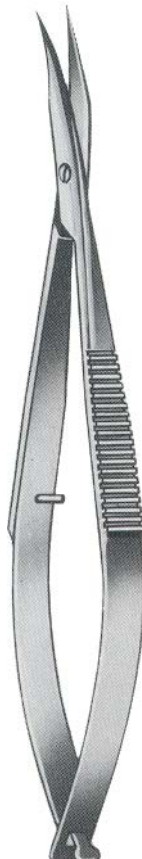
Katzin-Barraquer
0011-1031-010
10 cm/4"



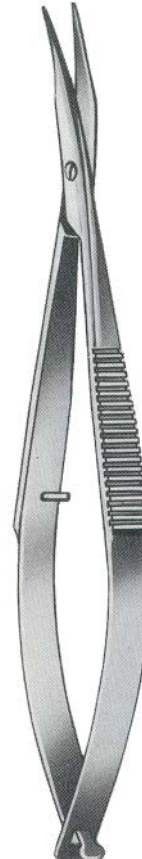
Katzin
0011-1032-010
10 cm/4"



Katzin
0011-1033-010
10 cm/4"



Westcott
0011-1034-011
11.5 cm/4½"



Westcott
0011-1035-011
11.5 cm/4½"

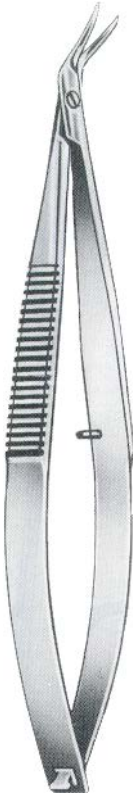


Westcott
0011-1036-011
11.5 cm/4½"

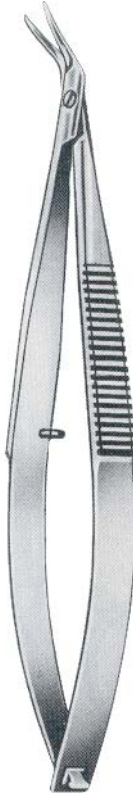
11

Scissor Iridectomy Scissors

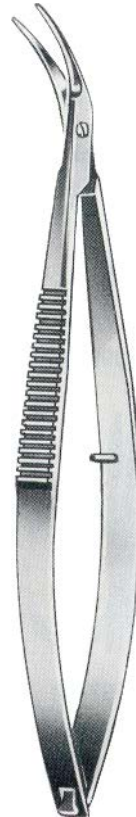
11



Castroviejo
0011-1037-010
10 cm/4"



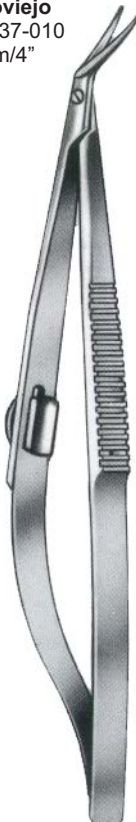
Castroviejo
0011-1038-010
10 cm/4"



Castroviejo
0011-1039-011
11.5 cm/4 1/2"



Castroviejo
0011-1040-011
11.5 cm/4 1/2"



Troutmann-Castroviejo
0011-1041-010
10.5 cm/4 1/4"



Troutmann-Castroviejo
0011-1042-010
10.5 cm/4 1/4"



Straight
0011-1043-014
0011-1043-018

Curved
0011-1044-014
0011-1044-018

14.5 cm/5 3/4"
18.0 cm/7"

11

Scissor Micro Scissors

11



Straight

0011-1045-012	12.0 cm/4 3/4"
0011-1045-016	16.0 cm/6 1/4"
0011-1045-018	18.5 cm/7 1/4"



Curved

0011-1046-012	12.0 cm/4 3/4"
0011-1046-016	16.0 cm/6 1/4"
0011-1046-018	18.5 cm/7 1/4"



**Vannas
Straight**

0011-1047-012	12.0 cm/4 3/4"
0011-1047-016	16.0 cm/6 1/4"



**Vannas
Curved**

0011-1048-012	12.0 cm/4 3/4"
0011-1048-016	16.0 cm/6 1/4"

11

Scissor Micro Scissors

11



Yasargil

16.5cm/6½"
20.0cm/8"



Straight
0011-1049-016
0011-1049-020



Curved
0011-1050-016
0011-1050-020



Curved Downwards
0011-1051-020

20.0cm/8"

Dissecting Scissors



Straight
0011-1052-020



Curved
0011-1053-020

20.0cm/8"

11

Scissor Micro Scissors

11



Yasargil

22.5cm/9"
24.5cm/9¾"



Straight
0011-1054-022
0011-1054-024



Curved
0011-1055-022
0011-1055-024



22.5cm/9"

Curved Downwards
0011-1056-022

Dissecting Scissors



Straight
0011-1057-022



Curved
0011-1058-022

11

Scissor

Micro Scissors

11

0011-1059-018



0011-1062-019

0011-1060-018



0011-1063-019

0011-1061-018



0011-1064-019



0011-1065-019



0011-1066-019



Jacobson
18cm/7"

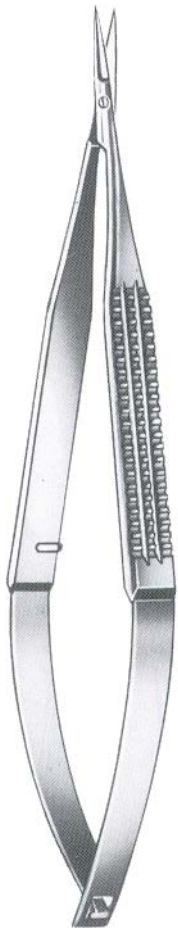


19cm/7½"

11

Scissor Micro Scissors

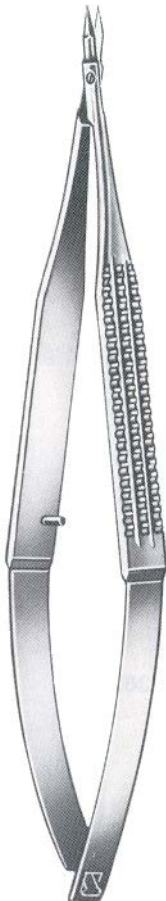
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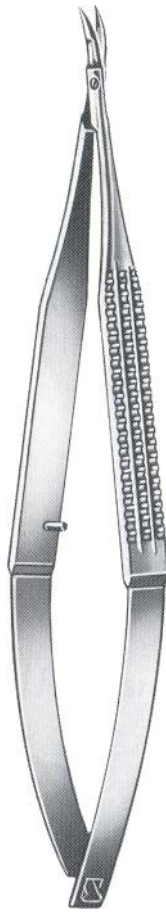
Straight
0011-1067-012
12cm/4¾"



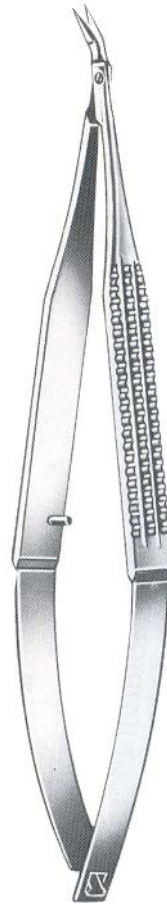
Curved
0011-1068-012
12cm/4¾"



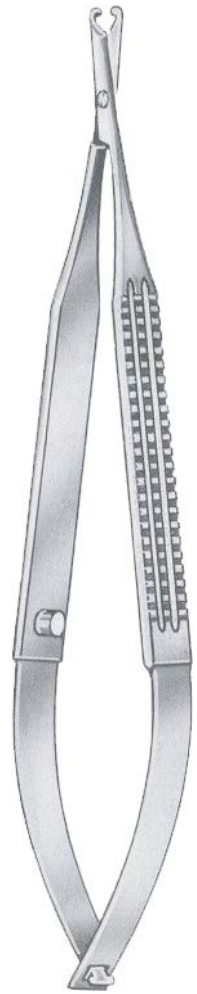
Straight
0011-1069-012
12cm/4¾"



Curved
0011-1070-012
12cm/4¾"



Angled up
0011-1071-012
12cm/4¾"



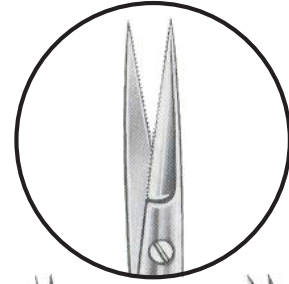
Straight
0011-1072-013
13cm/5"

Vein Scissors

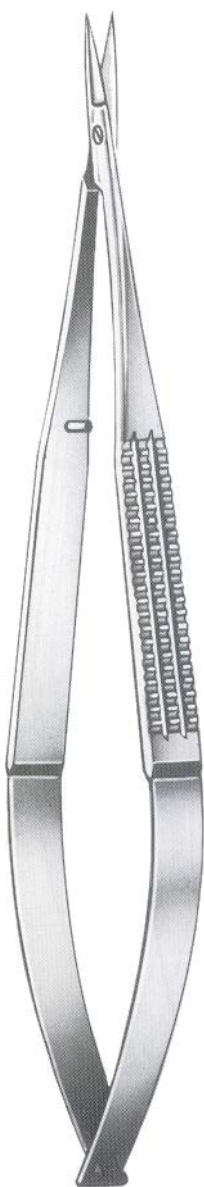
11

Scissor Micro Scissors

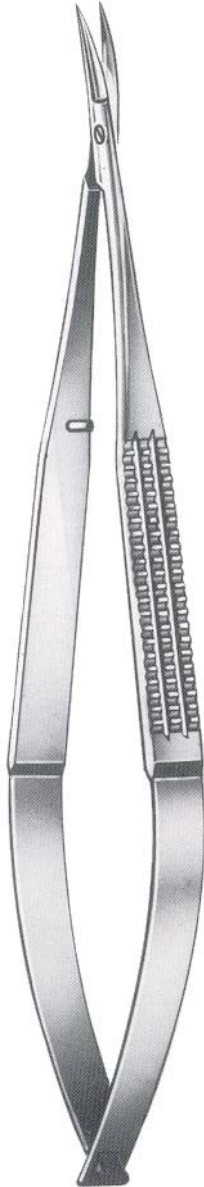
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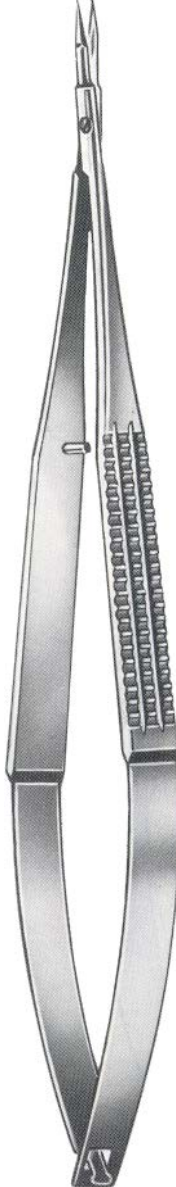
Saw Edge



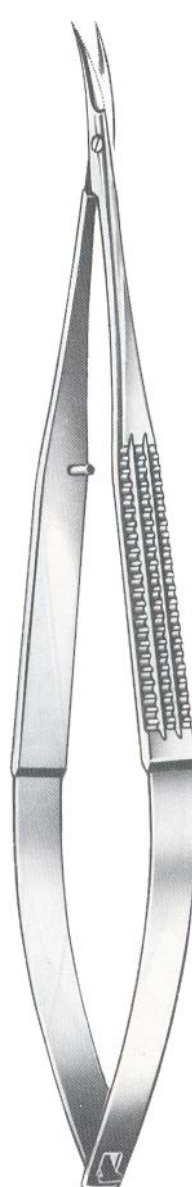
Straight
0011-1073-016
16cm/6¼"



Curved
0011-1074-016
16cm/6¼"



Straight
0011-1075-016
16cm/6¼"



Curved
0011-1076-016
16cm/6¼"



Millesi
Straight
0011-1077-016
16cm/6¼"

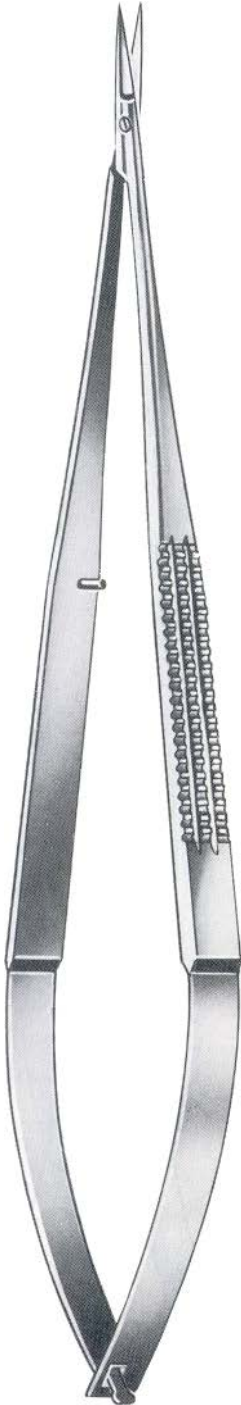


Millesi
Curved
0011-1078-016
16cm/6¼"

11

Scissor
Micro Scissors

11



Straight
0011-1079-018
18.5cm/7 1/4"



Curved
0011-1080-018
18.5cm/7 1/4"



Angular
0011-1081-018
18.5cm/7 1/4"

11

Scissor Micro Scissors

11



Straight
0011-1082-016
16cm/6¼"



Curved
0011-1083-016
16cm/6¼"



Straight
0011-1084-016
16cm/6¼"



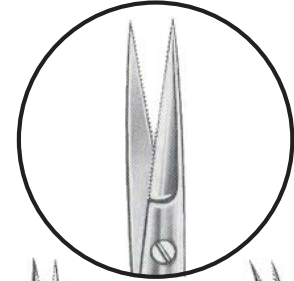
Curved
0011-1085-016
16cm/6¼"



Straight
0011-1086-016
16cm/6¼"



Curved
0011-1087-016
16cm/6¼"



Saw Edge

11

Scissor Micro Scissors

11



Straight
0011-1088-018
18.5cm/7¼"



Curved
0011-1089-018
18.5cm/7¼"



Angular
0011-1090-018
18.5cm/7¼"



Straight
0011-1091-023
23cm/9"



11

Scissor Micro Scissors

11



Straight
0011-1092-014
14.5cm/5¾"



Curved
0011-1093-014
14.5cm/5¾"

Dissecting Scissors



Curved
0011-1094-014
14.5cm/5¾"

11

Scissor Eye and Fine Scissors

11



cut



11

Scissor
Eye Scissors

11



Standard

9.0 cm/3½"	0011-1112-009	0011-1113-009	0011-1114-009	0011-1115-009
10.5 cm/4¼"	0011-1112-010	0011-1113-010	0011-1114-010	0011-1115-010
11.5 cm/4½"	0011-1112-011	0011-1113-011	0011-1114-011	0011-1115-011



Fine

Fine

9.0cm/3½"			0011-1118-009	0011-1119-009
10.5cm/4¼"	0011-1116-010	0011-1117-010	0011-1118-010	0011-1119-010
11.5cm/4½"	0011-1116-011	0011-1117-011	0011-1118-011	0011-1119-011

11

Scissor Eye Scissors

11



Straight
Fine

9.5 cm/3¾"	0011-1120-009
10.5 cm/4¼"	0011-1120-010
11.5 cm/4½"	0011-1120-011



Curved
Fine

0011-1121-009	0011-1121-010
0011-1121-010	0011-1121-011



Straight

0011-1122-010

Curved

10cm/4" 0011-1123-010

Tenotomy Scissors



Stevens
10.5cm/4¼"
11.5cm/4½"



Straight

0011-0680-010
0011-0680-011



Pointed

Curved

0011-0681-010
0011-0681-011



Blunt

Straight

0011-0682-010
0011-0682-011



Curved

0011-0683-010
0011-0683-011



Straight
0011-1124-008



Bonn
8cm/3¼"

Curved
0011-1125-008

11

Scissor Eye Scissors

11



Graefe
0011-1126-010
10.5cm/4¼"



Wilmer
0011-1127-010
10cm/4"



0011-1128-011

11.5cm/4½"



0011-1129-011

cut



Straight
0011-1130-011

11.5cm/4½"



Curved
0011-1131-011



La Grange
0011-0593-011
11.5cm/4½"



Chadwick
0011-0596-011
11cm/4½"

11

Scissor

Dissecting and Neurosurgical Scissors

11

Neurosurgical Scissors



Straight

0011-1132-011
0011-1132-013



Curved

11cm/4½"
13cm/5"

0011-1133-011
0011-1133-013



Potts-de Martel
0011-1134-021
21cm/8¼"



Mills
0011-1135-021
21cm/8¼"



Dura Scissors

Schmieden-Taylor
0011-0445-014 14.5cm/5¾"
0011-0445-017 17.0cm/6¾"



0011-0446-022

Strully
22cm/8¾"



0011-0445-022



Dandy
0011-1136-017
17cm/6¾"

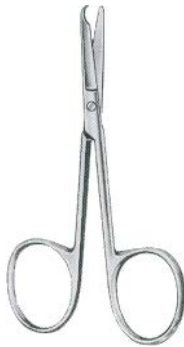
11

Scissor Ligature Scissors

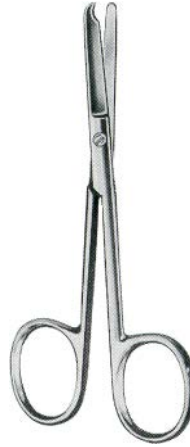
11



Littauer
0011-0834-014
14cm/5½"



Spencer
0011-0824-009
9cm/3½"



Spencer
0011-0825-010 10.5cm/4¼"
0011-0825-012 12.0cm/4¾"



Spencer-Fine
0011-0827-011 11.5cm/4½"
0011-0827-016 16cm/6¼"



Shortbent
0011-0828-009
9cm/3½"



Northbent
0011-0819-013
12.5cm/5"



Spencer
0011-0829-011
11.5cm/4½"



Littler
0011-0831-011
11.5cm/4½"

11

Scissor Ligature Scissors

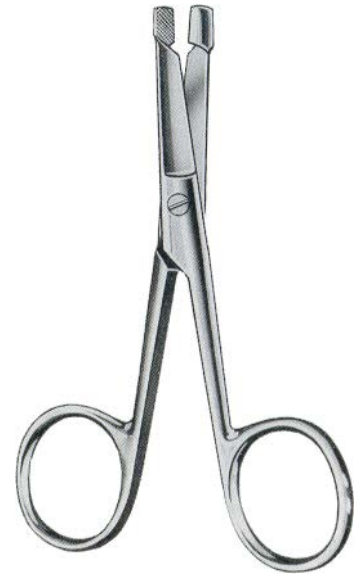
11



Heath
0011-0832-015
15cm/6"



0011-0833-010
10cm/4"



Eiselsberg
0011-0840-012
11.5cm/4½"



Schoemaker-Loth
0011-0835-012
12.5cm/5"

Wire Cutting Scissors



Universal
0011-0865-012
12cm/4¾"

Saw Edge

11

Scissor

Bandage and Wire Cutting Scissors

11



Universal

Black	0011-1137-001
Blue	0011-1137-002
Red	0011-1137-003
Green	0011-1137-004

14.5 cm/5¾"



Universal

0011-1138-001
0011-1138-002
0011-1138-003
0011-1138-004

16 cm/6¼"



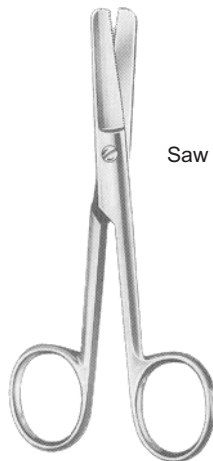
Universal

0011-1139-001
0011-1139-002
0011-1139-003
0011-1139-004

18 cm/7"

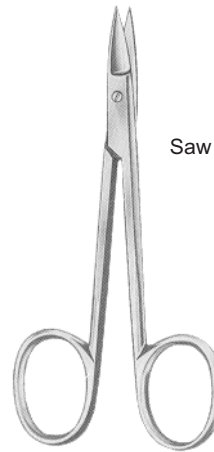


Smith
0011-1140-017
17.5 cm/7"



Harvey
0011-1141-012
12.5 cm/5"

Saw edge



Schuknecht
0011-1142-010
10 cm/4"

Saw edge



Nail Splinting Scissors

0011-1143-013 13 cm/5"
0011-1143-015 15 cm/6"

11

Scissor Bandage Scissors

11

cut



Lister

0011-1144-009 9 cm/3½"
0011-1144-013 13 cm/5"
0011-1144-014 14 cm/5½"
0011-1144-018 18 cm/7"
0011-1144-020 20 cm/8"



Lister

0011-1145-018
18 cm/7"



Lister

0011-1146-018 18.5 cm/7¼"
0011-1146-021 20 cm/8"



Lister-Excentric

0011-1147-016 16 cm/6¼"
0011-1147-019 19 cm/7½"



Esmarch

0011-1148-020 20 cm/8"
0011-1148-022 22 cm/8¾"



Bergmann

0011-1149-023
23 cm/9"



Lorenz

0011-1150-023
23 cm/9"

11

Scissor Bandage Scissors

11



Saw edge

0011-1151-017
17 cm/6¾"

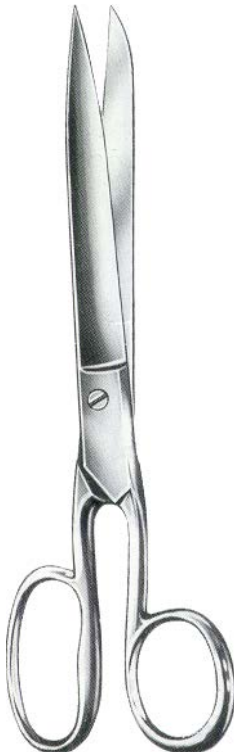


Lange
0011-1152-018
18 cm/7"



Bruns
0011-1153-001 24 cm/9½" Saw edge
0011-1153-002 24 cm/9½" Smooth
0011-1153-003 24 cm/9½" Smooth

cut



Smith (Mod. USA)
0011-1154-016 16 cm/6¼"
0011-1154-018 18 cm/7"
0011-1154-020 20 cm/8"
0011-1154-023 23 cm/9"



Knowles
0011-1155-014
14 cm/5½"



Knowles
0011-1156-014
14 cm/5½"



0011-1157-013
13 cm/5"

11

Scissor

Clothing Scissors, Plaster Of Paris and Rib Shears

11



0011-1158-020
20 cm/8"



Seutin
0011-1159-023
23 cm/9"



Bone Shear
0011-1160-023
23 cm/9"



0011-1161-022
22 cm/8¾"



Gluck
0011-1162-022
22 cm/8¾"



Stille
0011-1163-021
21 cm/8¼"



Stille
0011-1164-024
24 cm/9½"

11

Scissor

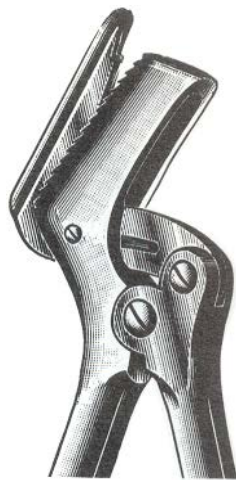
Plaster of Parls & Rib shears

11



Stille

0011-1165-023 23 cm/9"
0011-1165-026 26 cm/10¼"
0011-1165-037 37 cm/14½"

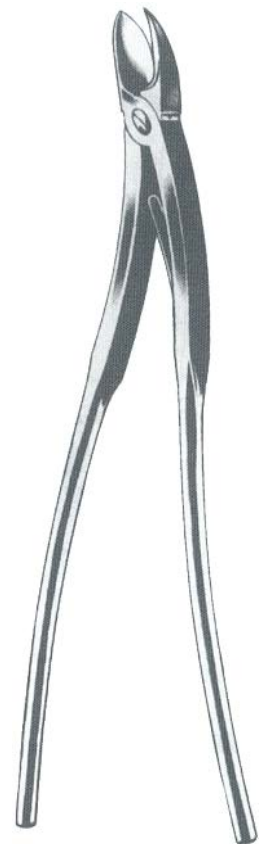


0011-1166-023 23cm/9"
0011-1166-026 26cm/10¼"
0011-1166-037 37cm/14½"



Maurer collin

0011-1167-024L 24 cm/9½"
0011-1167-030L 30 cm/12"
0011-1168-024R 24 cm/9½"
0011-1168-030R 30 cm/12"



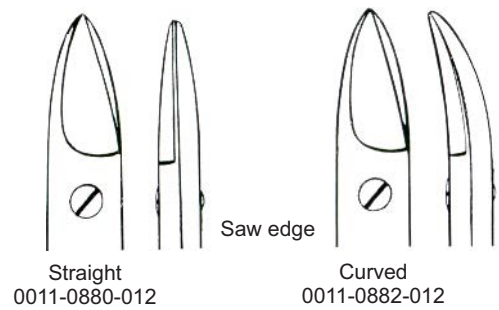
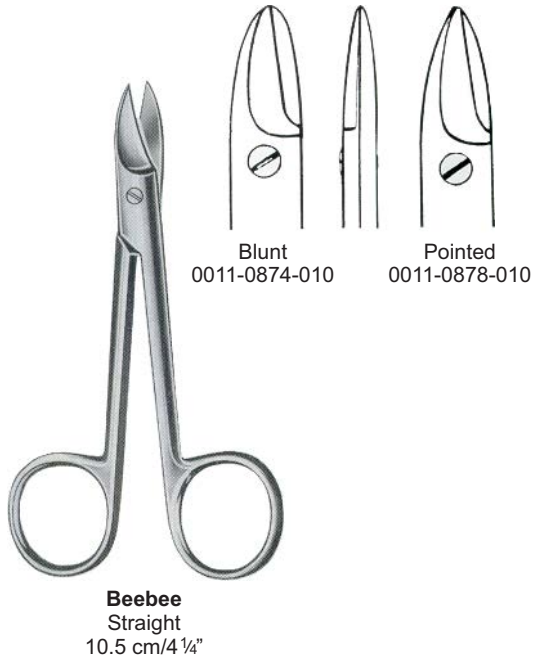
Bethune

0011-1169-034
34 cm/13½"

11

Scissor Crown Scissors

11



11

Scissor Gum Scissors

11



Goldmann-Fox
0011-0566-013
13 cm/5"

Saw edge



Goldmann-Fox
0011-0567-013
13 cm/5"



Niro
0011-1171-014
14 cm/5 1/2"



Goldmann-Fox
(Spezial)
0011-1172-013
13 cm/5"

Saw edge



Fine

0011-1173-011
11.5 cm/4 1/2"



Quinby
0011-1174-012
12 cm/4 3/4"



Quinby
0011-1175-012
12 cm/4 3/4"

11

Scissor Gum Scissors

11



Dean
0011-1176-017
17 cm/6¾"

Saw edge



Dean
0011-1177-017
17 cm/6¾"



Locklin
0011-0607-016
16.5 cm/6½"

Saw edge



Locklin
0011-0605-016
16.5 cm/6½"



Sullivan
0011-1178-014
14.5 cm/5¾"

Saw edge



Sullivan
0011-1179-014
14.5 cm/5¾"



Neumann
0011-1180-012
12 cm/5"

11

Scissor

Gum and Nail Scissors

11



Nail scissors



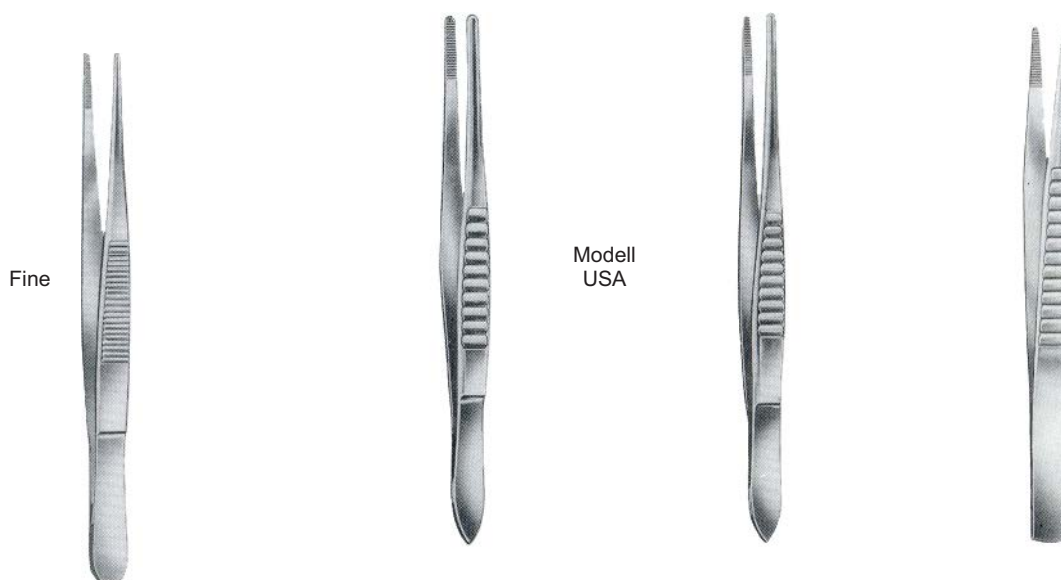
12

General Forceps Dressing Forceps

12



cm	in	Standard	Standard	Standard			Stille
10.5	4 1/4"	0012-0100-010					
11.5	4 1/2"	0012-0100-011	0012-0101-011		0012-0120-011	0012-0121-011	
13.0	5"	0012-0100-013	0012-0101-013		0012-0120-013	0012-0121-013	0012-0130-013
14.5	5 3/4"	0012-0100-014	0012-0101-014	0012-0102-014	0012-0120-014	0012-0121-014	
15.0	6"	0012-0100-015					0012-0130-015
16.0	6 1/4"	0012-0100-016	0012-0101-016	0012-0102-016	0012-0120-016	0012-0121-016	
18.0	7"	0012-0100-018	0012-0101-018	0012-0102-018	0012-0120-018	0012-0121-018	0012-0130-018
20.0	8"	0012-0100-020		0012-0102-020	0012-0120-020		0012-0130-020
25.0	10"	0012-0100-025		0012-0102-025	0012-0120-025		
30.0	12"	0012-0100-030			0012-0120-030		

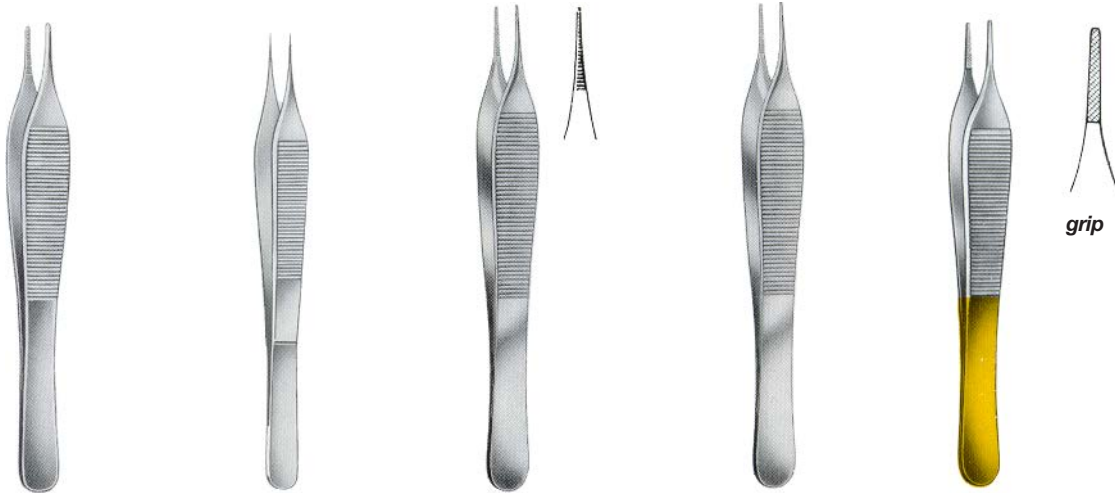


cm	in	Standard	Narrow	Engl. Modell
11.5	4 1/2"	0012-0103-011		
12.0	4 3/4"		0012-0104-012	
13.0	5"	0012-0103-013	0012-0104-013	0012-0105-013
14.5	5 3/4"	0012-0103-014	0012-0104-014	0012-0105-014
15.0	6"	0012-0103-015	0012-0104-015	0012-0105-015
16.0	6 1/4"	0012-0103-016	0012-0104-016	
18.0	7"	0012-0103-018	0012-0104-018	
20.0	8"	0012-0103-020	0012-0104-020	
21.0	8 1/4"		0012-0104-025	
25.0	10"	0012-0104-030		
30.0	12"			

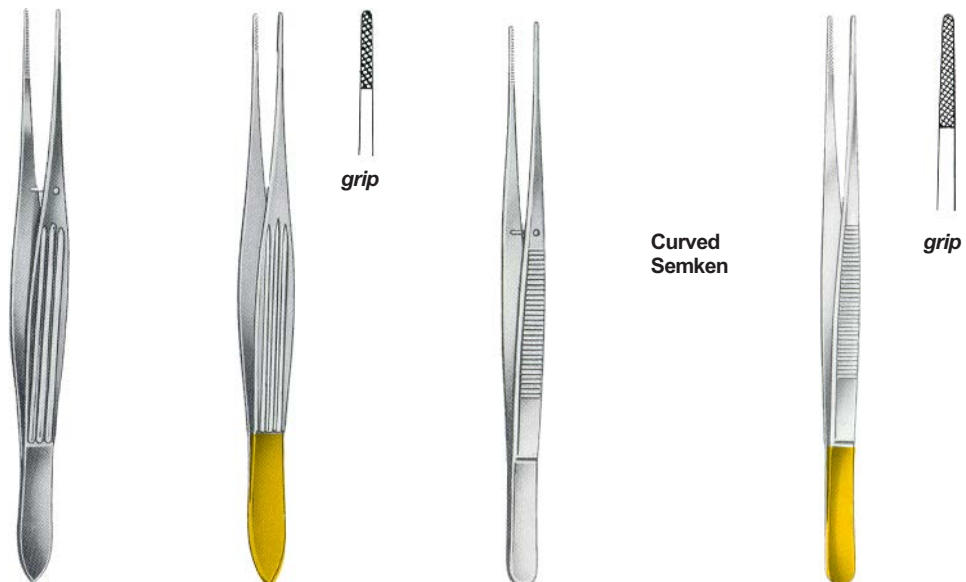
12

General Forceps Dressing Forceps

12



cm	in	Ewald	Jacobson-Adson	Micro-Adson	Adson-Standard	Adson
12.0	4¾"	0012-0107-012	0012-0108-012	0012-0404-012	0012-0168-012	0012-0166-012
15.5	6"	0012-0107-015	0012-0108-015	0012-0404-015	0012-0168-015	0012-0166-015



cm	in	McIndoe	McIndoe	Semken	Semken
12.0	4¾"			0012-0172-012	0012-0173-012
15.0	6"	0012-0170-015	0012-0171-015	0012-0172-015	0012-0173-015

12

General Forceps
Dressing Forceps

12



0012-0180-017 0012-0181-017 **Taylor** 0012-0182-017 0012-0183-017
17.5cm/7"

Smooth Jaw

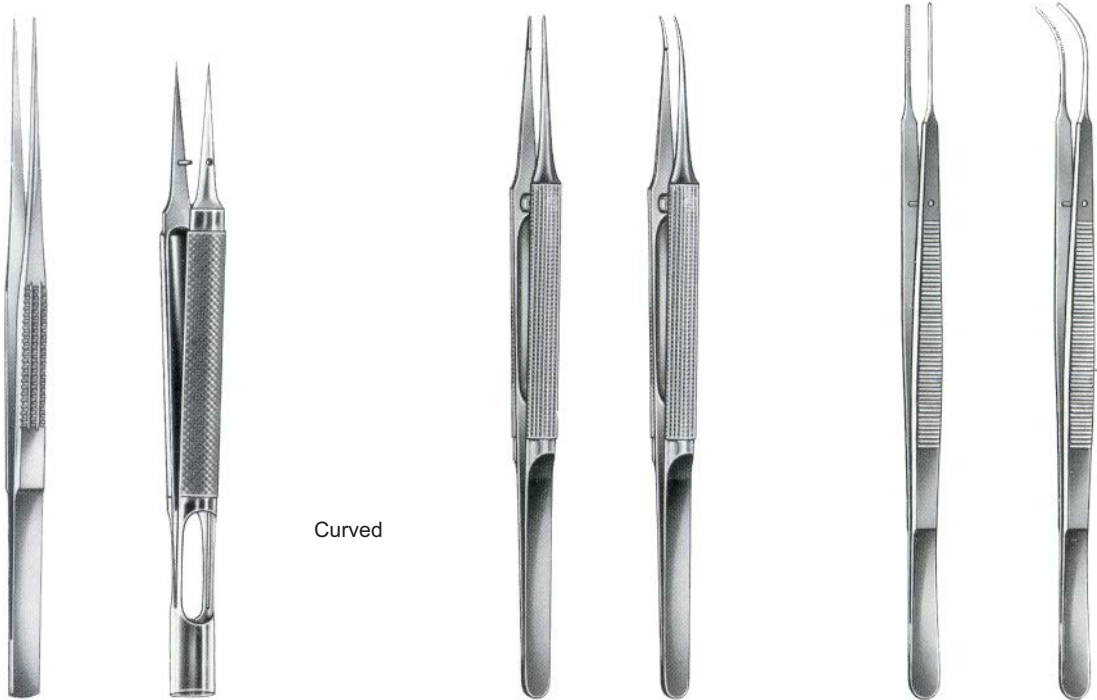


cm	in	Waugh		Bonney		Brophy	Brophy
15.0	6"	0012-0176-015					
18.0	7"	0012-0176-018	0012-0109-018	0012-0111-018			
20.0	8"	0012-0176-020	0012-0109-020	0012-0110-020	0012-0112-018	0012-0113-018	

12

General Forceps
Micro Forceps

12



Curved

Gerald

cm	in						
12.0	4¾"			0012-0198-012	0012-0199-012		
13.0	5"	0012-0196-013	0012-0197-013				
15.0	6"	0012-0195-015		0012-0198-015	0012-0199-015		
17.5	7"					0012-0186-017	0012-0187-017
18.0	7"	0012-0195-018		0012-0198-018	0012-0199-018		

Micro Tubal Forceps



Austin
0012-0200-014
14cm/5½"

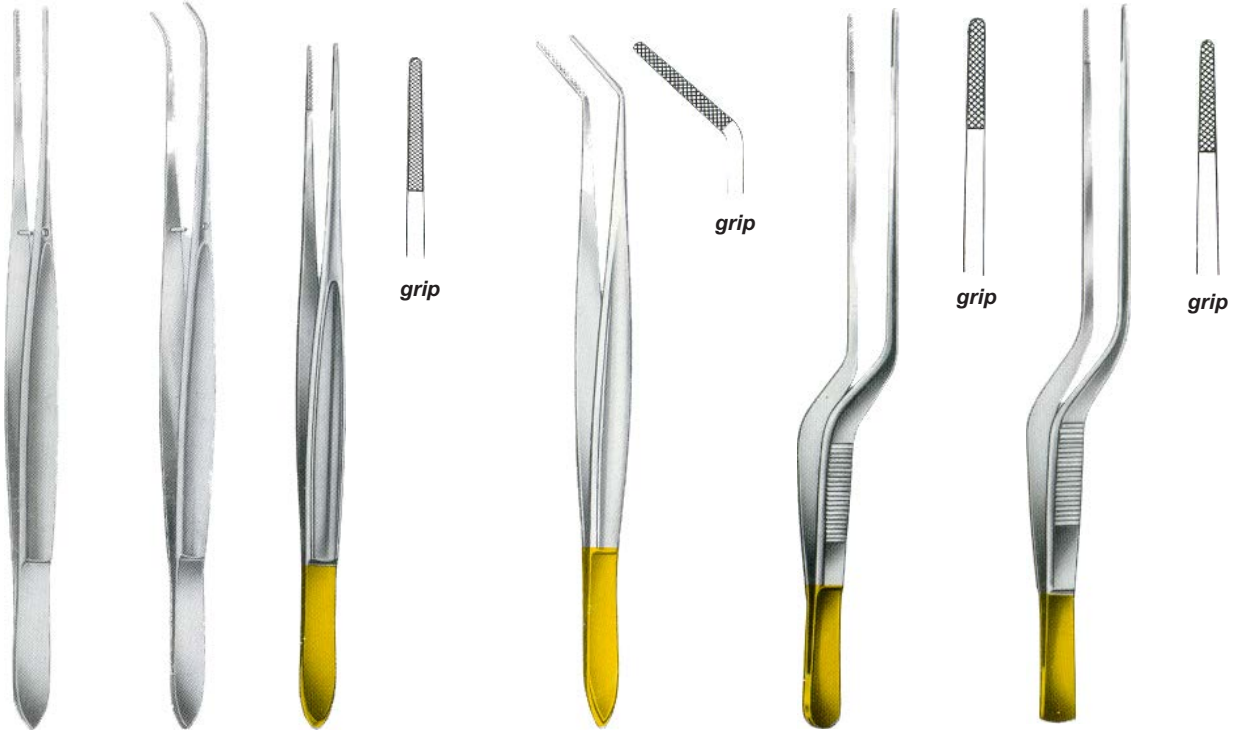
Austin
0012-0201-018
18cm/7"

Neubuser
0012-0202-020
20cm/8"

12

General Forceps Dressing Forceps

12



cm	in	Cushing	Cushing	Cushing	Cushing	Cushing-Taylor	Grunwald
18.0	7	0012-0188-017	0012-0189-017	0012-0254-017	0012-0255-018	0012-0256-018	0012-0203-018



cm	in	Wangensteen	Potts-Smith
15.0	6"	0012-0266-015	0012-0258-015
18.0	7"		0012-0258-018
20.0	8"		0012-0258-020
21.0	8¼"		0012-0192-021
23.0	9"	0012-0266-023	0012-0193-021
25.0	10"	0012-0266-025	0012-0193-025
			0012-0258-025

12

General Forceps Tissue Forceps

12



cm	in	Standard 1:2	Oehler 1:2	Standard 2:3	Standard 3:4	Standard 4:5	Standard 1:2
10.5	4¼"	0012-0301-010					
11.5	4½"	0012-0301-011					
13.0	5"	0012-0301-013		0012-0302-013	0012-0303-013	0012-0304-013	0012-0321-013
14.5	5½"	0012-0301-014	0012-0305-014	0012-0302-014	0012-0303-014	0012-0304-014	0012-0321-014
15.0	6"	0012-0301-015					
16.0	6¼"	0012-0301-016	0012-0305-016	0012-0302-016	0012-0303-016	0012-0304-016	0012-0321-016
18.0	7"	0012-0301-018	0012-0305-018	0012-0302-018			0012-0321-018
20.0	8"	0012-0301-020	0012-0305-020	0012-0302-020			0012-0321-020
25.0	10"	0012-0301-025	0012-0305-025	0012-0302-025			0012-0321-025
30.0	12"	0012-0301-030	0012-0305-030	0012-0302-030			

12

General Forceps Tissue Forceps

12



Modell
USA



Modell
USA



Modell
USA



narrow

Standard

cm	in	1:2	2:3	3:4	1:2
12.0	4 ³ / ₄ "	0012-0306-012	0012-0307-012		
13.0	5"	0012-0306-013	0012-0307-013		0012-0309-013
14.5	5 ³ / ₄ "	0012-0306-014	0012-0307-014	0012-0308-014	0012-0309-014
15.5	6"	0012-0306-015			0012-0309-015
18.5	7 ¹ / ₄ "	0012-0306-018	0012-0307-018		
21.0	8 ¹ / ₄ "	0012-0306-021	0012-0307-021		
25.0	10"	0012-0306-025	0012-0307-025		
31.0	12 ¹ / ₄ "	0012-0306-031	0012-0307-031		

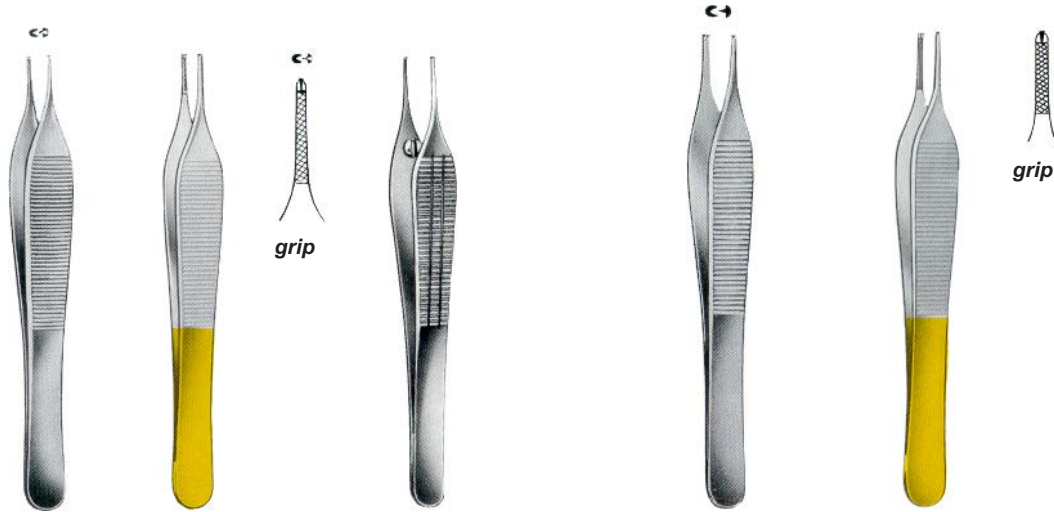


cm	in	Lerche	Stone	Treves
13.0	5"			0012-0312-013
15.0	6"	0012-0310-015	0012-0311-015	0012-0312-015

12

General Forceps Tissue Forceps

12



cm	in	Micro-Adson			Ewald	Standard-Adson
12.0	4¾"	0012-0406-012	0012-0446-012	0012-0369-012	0012-0313-012	0012-0250-012
15.5	6"	0012-0406-015	0012-0446-015	0012-0369-015		0012-0250-015



cm	in	Adson			Adson-Brown		
12.0	4¾"	0012-0368-012	0012-0314-012	0012-0315-012	0012-0244-012	0012-0400-012	0012-0316-012
15.0	6"	0012-0368-015	0012-0314-015				

12

General Forceps Tissue Forceps

12



Gillies
0012-0370-015 15 cm/6"



Gillies
0012-0236-015 15 cm/6"



grip



Brown
0012-0317-015 15 cm/6"
0012-0317-020 20 cm/8"
0012-0317-025 25 cm/10"



Semken
0012-0372-012 12 cm/4¾" 0012-0373-012
0012-0372-015 15 cm/6" 0012-0373-015



Adlerkreutz
0012-0366-015 15 cm/6"
0012-0366-020 20 cm/8"
0012-0366-025 25 cm/10"



Adlerkreutz
0012-0367-015 15 cm/6"
0012-0367-020 20 cm/8"
0012-0367-025 25 cm/10"



Taylor
0012-0374-017 17.5 cm/7"



Taylor
0012-0375-017 17.5 cm/7"



Taylor
0012-0380-017 17.5 cm/7"



Taylor
0012-0383-017 17.5 cm/7"

12

General Forceps
Tissue Forceps

12



cm	in	Vaughn	Brophy	Brophy	Gerald	Gerald
15	6"	0012-0371-015				
18	7"	0012-0371-018			0012-0386-018	0012-0387-018
20	8"	0012-0371-020	0012-0395-020	0012-0396-020		



Cushing
0012-0388-017
17.5 cm/7"

Cushing
0012-0389-018
17.5 cm/7"

Potts-Smith

0012-0392-018
0012-0392-021
0012-0392-025

18 cm/7"
21 cm/8¼"
25 cm/10"

0012-0393-018
0012-0393-021
0012-0393-025

12

General Forceps Tissue and Grasping Forceps

12



Duval
0012-0470-014 14.5 cm/5½"



Collin-Duval
0012-0471-020 20 cm/8"



Durante
0012-0426-014 14.5 cm/5¾"
0012-0426-016 16.0 cm/6¼"
0012-0426-020 20.0 cm/8"



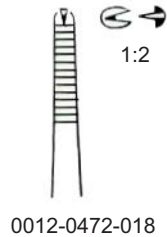
Russ. Modell
0012-0420-015 15 cm/6"
0012-0420-020 20 cm/8"
0012-0420-025 25 cm/10"



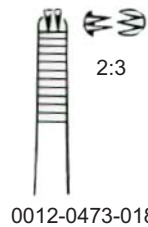
Mayo
0012-0456-023 23 cm/9"



Ferris-Smith
18 cm/7"



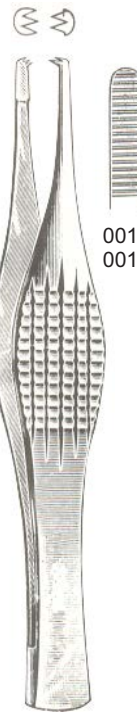
0012-0472-018



0012-0473-018



Ramsay
0012-0474-017 17.5cm/7"



0012-0475-017
0012-0476-017



Lane
0012-0477-012 12 cm/5" 0012-0478-012
0012-0477-015 15cm/6" 0012-0478-015
0012-0477-018 18cm/7" 0012-0478-018

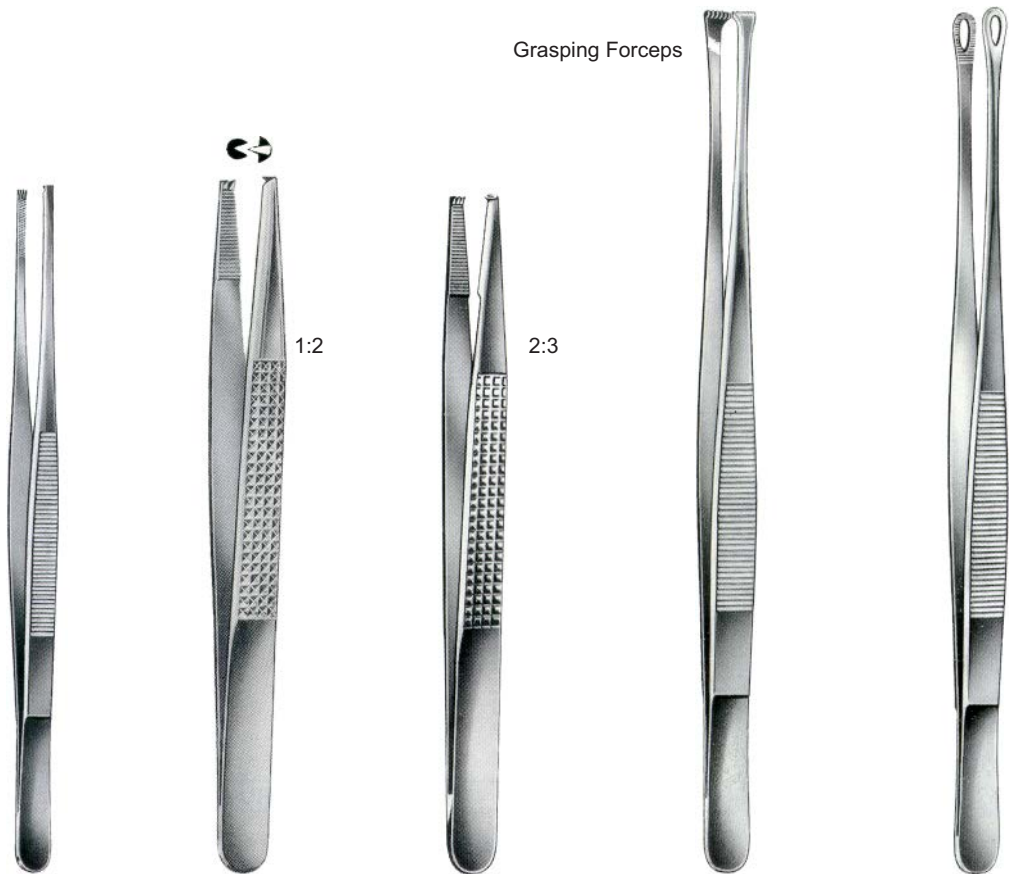


12

General Forceps
Tissue Grasping and Watchmakers Forceps

12

Grasping Forceps



cm	in	Stille-Barraya	Bonney	Bonney	Nelson	Singley-Tuttle
15.0	6"				0012-0466-015	
18.0	7"	0012-0444-018	0012-0451-018	0012-0452-018	0012-0466-018	0012-0460-018
20.0	8"	0012-0444-020				
23.0	9"				0012-0466-023	0012-0460-023
25.0	10"	0012-0444-025				

Watchmaker's Forceps



No. 3
0012-0410-003
11.5cm/4½"

No. 4
0012-0416-004
11.5cm/4½"

No. 5
0012-0414-005
11.5cm/4½"

No. 7
0012-0409-007
11.5cm/4½"

12

General Forceps
Fine and Splinter Forceps

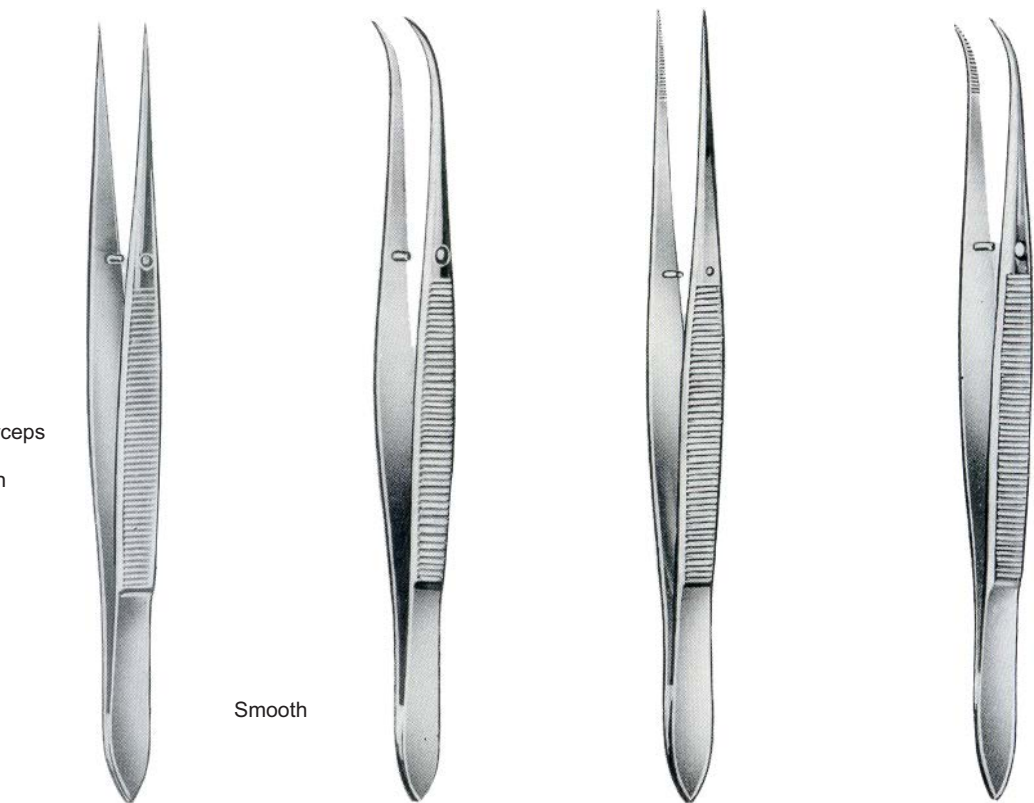
12



cm	in	Graefe				
10.5	4 1/4"	0012-0502-010	0012-0503-010	0012-0505-010	0012-0512-010	0012-0513-010
						0012-0515-010

Splinter Forceps
With pin

Smooth



cm	in				
9.0	3 1/2"	0012-0516-009	0012-0517-009	0012-0518-009	0012-0519-009
10.5	4 1/4"	0012-0516-010	0012-0517-010	0012-0518-010	0012-0519-010
11.5	4 1/2"	0012-0516-011	0012-0517-011	0012-0518-011	0012-0519-011
12.5	5"	0012-0516-012	0012-0517-012	0012-0518-012	0012-0519-012

12

General Forceps Splinter Forceps

12



Feilchenfeld

0012-0630-007 7.5cm/3"
0012-0630-009 9.0cm/3½"
0012-0630-011 11.5cm/4½"



Hunter

0012-0640-010 10.5cm/4¼" 0012-0641-010



Walter-Carmalt

0012-0730-010 10.5cm/4¼" 0012-0731-010



Peet

0012-0725-011
11.5cm/4½"



Stieglitz

0012-0726-013 with out ratchet
0012-0727-013 with ratchet



0012-0728-013
13cm/5¼"
45°



0012-0729-013
13cm/5¼"
90°



Ralk

0012-0740-015
15cm/6"



Ralk

0012-0741-015
15cm/6"

12

General Forceps

Ligature and Cilia Forceps

12

Ligature Forceps



Ochsner
0012-0732-014
14.5cm/5¾"



Adson
0012-0733-012
12cm/4¾"



Adson
0012-0734-012
12cm/4¾"

Cilia Forceps



Beupre
0012-0735-012
12cm/4¾"



Henry
0012-0736-012
12cm/4¾"



Gradle
0012-0737-009
9.5cm/3¾"



Barraquer
0012-0695-010
10.5cm/4¼"



Bennett
0012-0738-007
7cm/2¾"

12

General Forceps
Cilia and Cover Glass Forceps

12



cm	in	Beer	Douglas	Ziegler	
9.0	3 1/2"	0012-0680-009	0012-0676-009	0012-0667-009	0012-0666-009



Kuehne
0012-0668-010
10.5cm/4 1/4"

Kuehne
0012-0669-010
10.5cm/4 1/4"

0012-0670-010
10.5cm/4 1/4"

12

General Forceps

Atrauma Tissue, Ear Dressing and Nasal Dressing Forceps

12



Debaquey

Atrauma



1.5 mm



2.0 mm



2.8 mm



3.5 mm



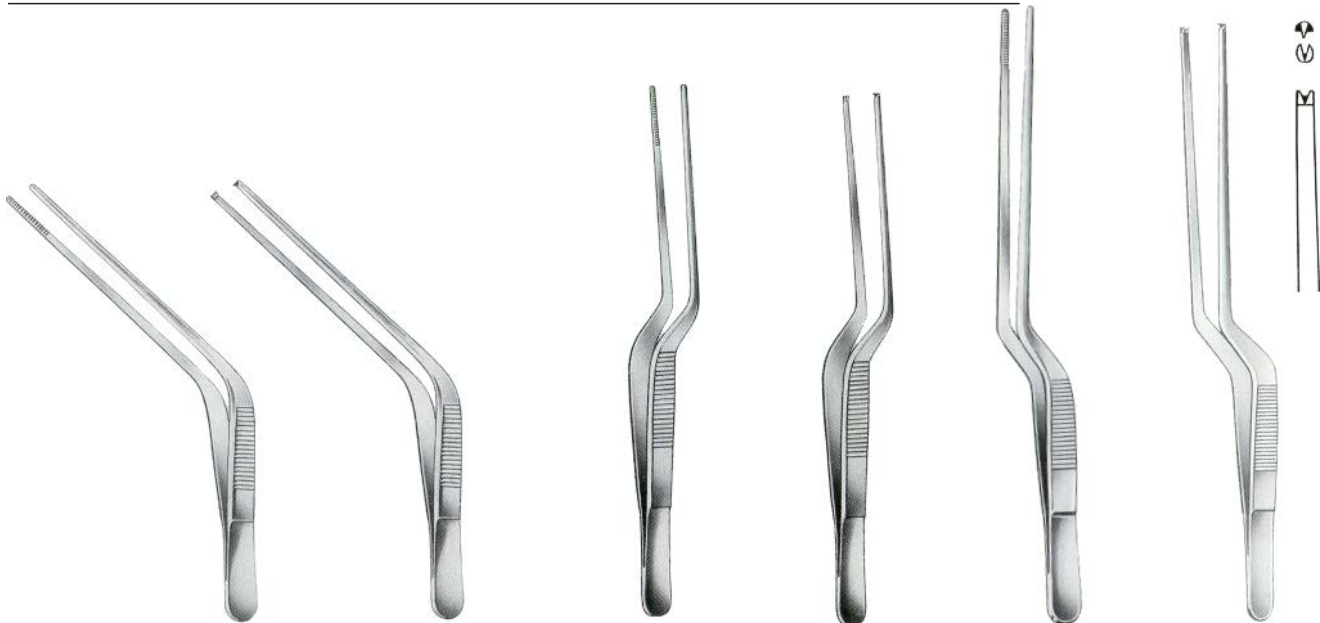
2.0 mm



Adson

0012-0805-012 12cm/4¾"
0012-0805-015 15cm/6"

cm	in	1.5 mm	2.0 mm	2.8 mm	3.5 mm	2.0 mm
16.0	6¼"	0012-0800-016	0012-0801-016	0012-0802-016	0012-0803-016	0012-0804-016
20.0	8"	0012-0800-020	0012-0801-020	0012-0802-020	0012-0803-020	0012-0804-020
24.0	9½"	0012-0800-024	0012-0801-024	0012-0802-024	0012-0803-024	0012-0804-024
30.0	12"	0012-0800-030	0012-0801-030	0012-0802-030	0012-0803-030	0012-0804-030



Troeltsch
(Wilde)

Troeltsch

Lucae

Lucae

Jansen
(Gruenwald)

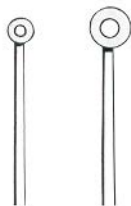
Jansen

cm	in						
11.5	4½"	0012-0806-011					
12.0	4¾"	0012-0806-012	0012-0807-012				
14.0	5½"			0012-0808-014	0012-0809-014		
15.0	6"	0012-0806-015					
16.0	6¼"					0012-0810-016	0012-0811-016
18.0	7"	0012-0806-018				0012-0810-018	0012-0811-018
20.0	8"					0012-0810-020	0012-0811-020

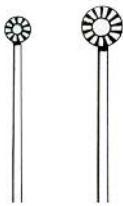
12

General Forceps
Tumor Grasping Forceps

12



Jaw spoon, Shaped
3 mm 0012-0812-003
5 mm 0012-0812-005



Jaw falt, Serrated
3 mm 0012-0813-003
5 mm 0012-0813-005



Curette Jaw, Toothed
3 mm 0012-0814-003
5 mm 0012-0814-005

Yasargil
22cm/8½"



1 x 0.5 mm Ø



1 x 0.5 mm Ø



2 x 1 mm Ø



2 x 1 mm Ø

15cm/6"	0012-0815-016	0012-0816-016	0012-0817-018	0012-0818-018
18cm/7"				
22cm/8¾"	0012-0815-022	0012-0816-022	0012-0817-022	0012-0818-022

12

General Forceps Tumor Grasping Forceps

12



Yasargil

22cm/8¾"
24cm/9½"



Ø 3 mm
0012-0819-022
0012-0819-024



Ø 5 mm
0012-0820-022
0012-0820-024



Ø 7 mm
0012-0821-024



22cm/8¾"

Ø 3 mm
0012-0822-022



Ø 3 mm
0012-0823-022



Ø 5 mm
0012-0824-022



Ø 5 mm
0012-0825-022
22cm/8¾"

12

General Forceps

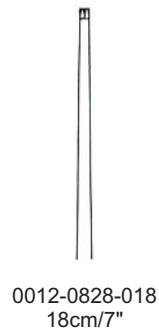
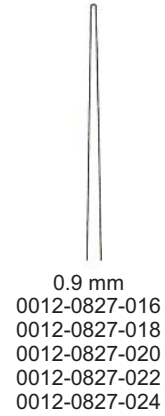
Micro Forceps

12



Yasargil

16cm/6 ¼"
18cm/7"
20cm/8"
22cm/8¾"
24cm/9½"



13

General Forceps Bulldog Hemostatic Forceps

13



Dieffenbach
0013-0114-003
3.5cm/1 1/2"
0013-0114-005
5cm/2"



Dieffenbach
0013-0115-003
3.5cm/1 1/2"
0013-0115-005
5cm/2"

Straight

0013-0112-001 38mm/1 1/2"
0013-0112-002 51mm/2"
0013-0112-003 57mm/2 1/4"
0013-0112-004 63mm/2 1/2"
0013-0112-005 70mm/2 3/4"
0013-0112-006 75mm/3"
0013-0112-007 90mm/3 1/2"

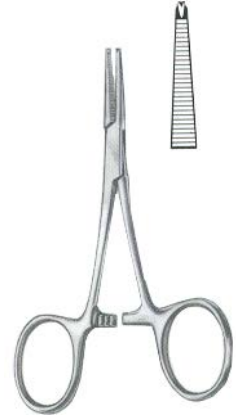


Curved

0013-0113-001 38mm/1 1/2"
0013-0113-002 51mm/2"
0013-0113-003 57mm/2 1/4"
0013-0113-004 63mm/2 1/2"
0013-0113-005 70mm/2 3/4"
0013-0113-006 75mm/3"
0013-0113-007 90mm/3 1/2"



Carrel
0013-0117-010
10cm/4"



Terrier
0013-0118-010
10cm/4"



Dieffenbach
0013-0110-006
6cm/2 1/2"



Dieffenbach
0013-0111-006
6cm/2 1/2"

Johns-Hopkins

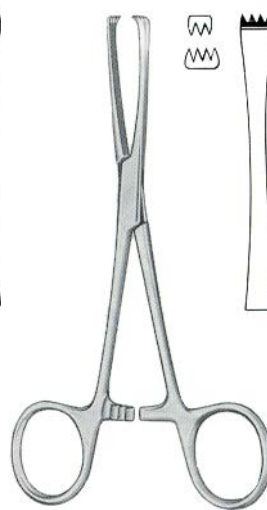
Haemorrhoidal Clamps



Terrier
0013-0119-012
12cm/4 3/4"



Chaput
0013-0256-013
13cm/5"



Tuffier
0013-0258-013
13cm/5"

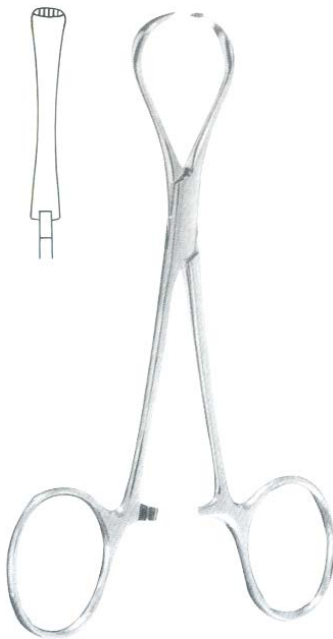


Pratt
0013-0282-015
15cm/6"

13

General Forceps Hemostatic Forceps

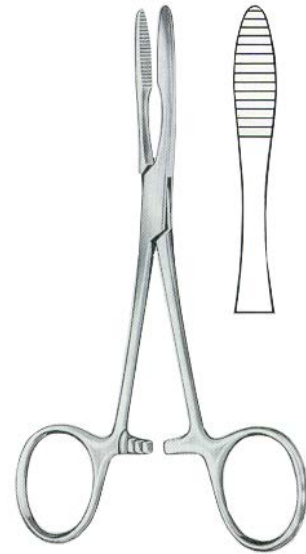
13



Ombredanne
0013-0277-013 13 cm/5¼"



Pennington
0013-0280-015 15 cm/6"
0013-0280-020 20 cm/8"



Pean
0013-0176-014 14 cm/5½"
0013-0176-016 16 cm/6¼"



Collin
0013-0279-015 15.5 cm/6"



Collin
0013-0268-014 14 cm/5½"



Collin
0013-0278-017 16.5 cm/6½"

13

General Forceps Hemostatic Forceps

13



Hartmann
10 cm/4"



0013-0306-010



0013-0120-010



0013-0310-012
0013-0310-014



0013-0311-012
0013-0311-014



0013-0307-010



0013-0121-010



Halstead-Mosquito
12 cm/4¾"
14 cm/5½"



0013-0312-012
0013-0312-014



0013-0313-012
0013-0313-014



0013-0320-010
0013-0320-012



0013-0321-010
0013-0321-012

Very fine



0013-0122-013



0013-0123-013



Micro-Mosquito
10 cm/4"
12 cm/4¾"



0013-0322-010
0013-0322-012



0013-0323-010
0013-0323-012

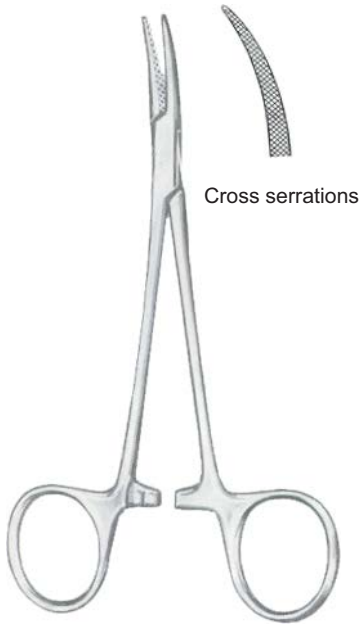


Jacobson-Halstead
13 cm/5"

13

General Forceps Hemostatic Forceps

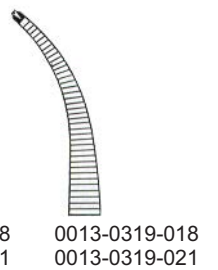
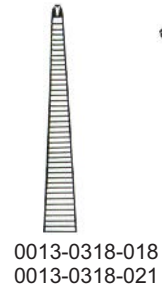
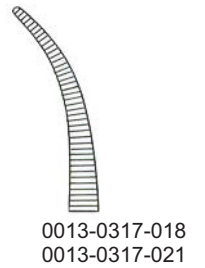
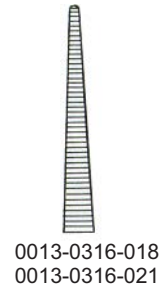
13



0013-0309-012
12 cm/4¾"

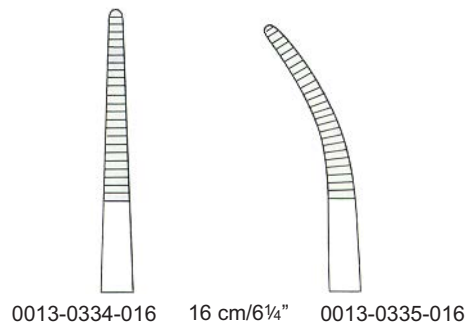
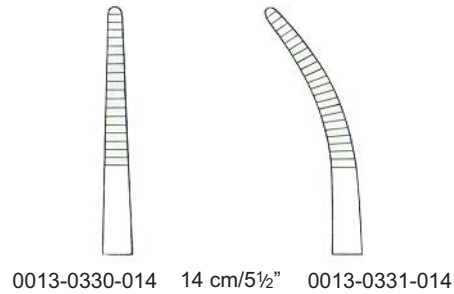


Halstead-Mosquito
18 cm/7"
21 cm/8¼"



Kelly
14 cm/5½"

Kelly-Rankin
16 cm/6¼"



13

General Forceps Hemostatic Forceps

13



Crile
14 cm/5½"

Crile-Rankin
16 cm/6¼"



0013-0340-014



14 cm/5½" 0013-0341-014



0013-0346-016



16 cm/6¼" 0013-0347-016



Baby-Crile
14 cm/5½"



0013-0124-014



0013-0125-014



Crile
14 cm/5½"

Crile-Rankin
16 cm/6¼"



0013-0342-014



14 cm/5½" 0013-0343-014



0013-0344-016



16 cm/6¼" 0013-0345-016



Baby-Crile
14 cm/5½"



0013-0126-014



0013-0127-014

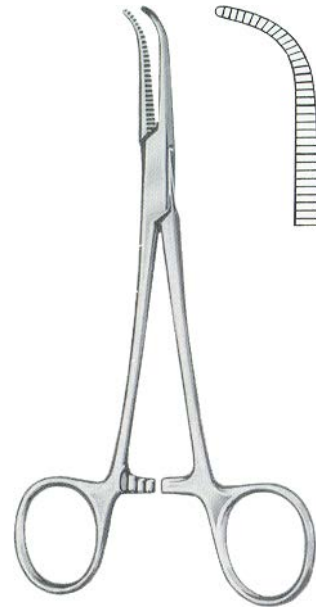
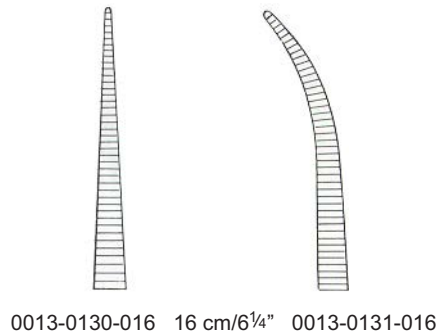
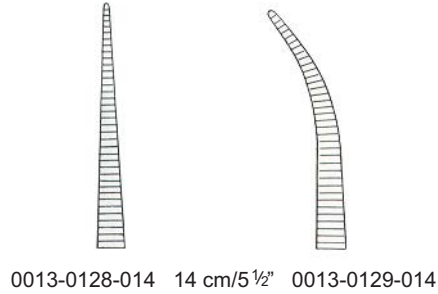
13

General Forceps Hemostatic Forceps

13



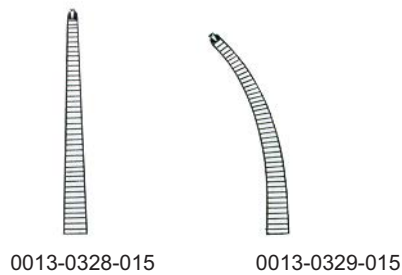
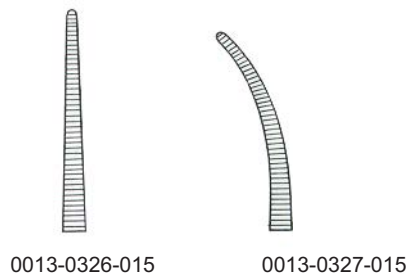
Coller-Crile



Coller-Crile
0013-0132-016
16 cm/6 1/4"



Leriche
15 cm/6"



Providence
14 cm/5 1/2"

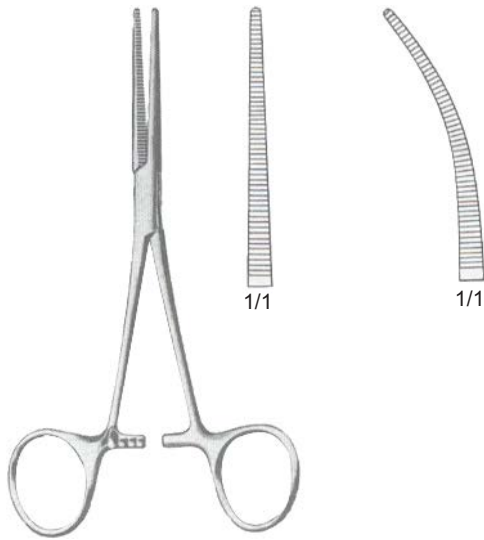


13

General Forceps Hemostatic Forceps

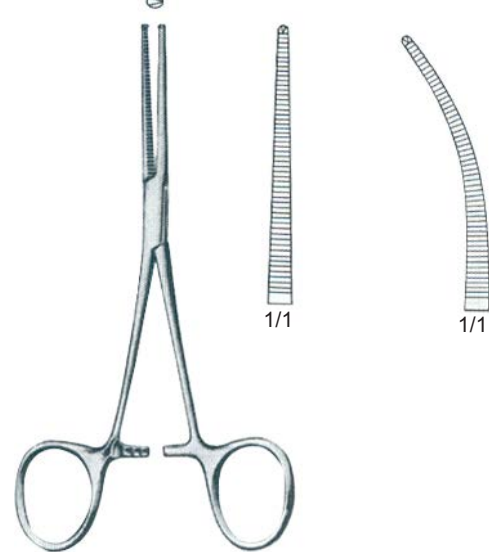
13

Delicate

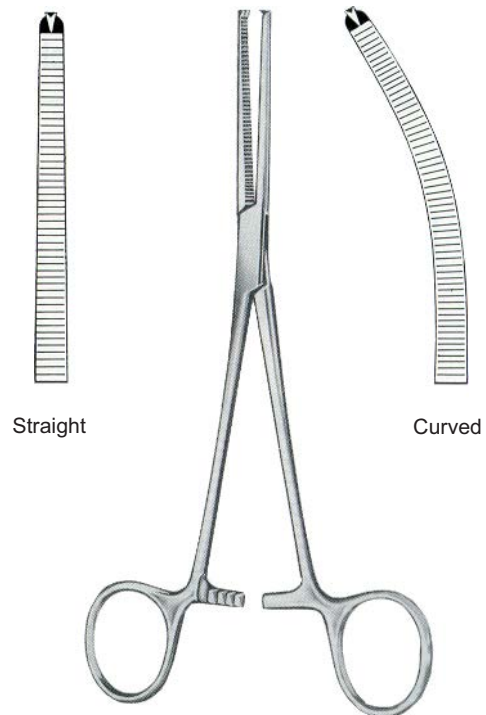
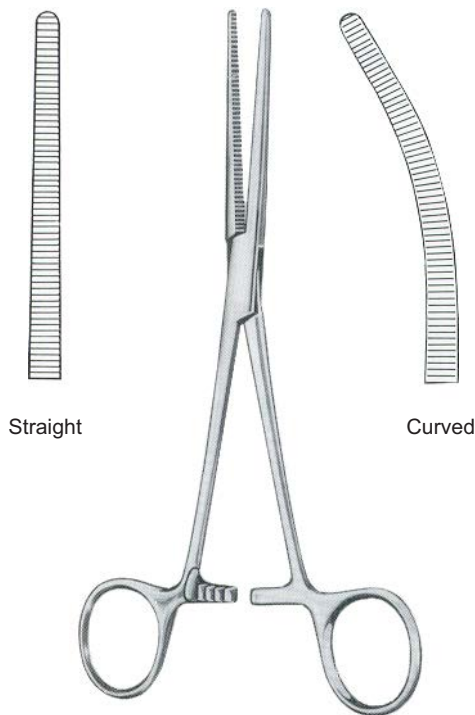


Fine

Delicate



Pean		cm	in	Kocher	
0013-0374-013	0013-0375-013	13.0	5"	0013-0384-013	0013-0385-013
0013-0374-014	0013-0375-014	14.0	5½"	0013-0384-014	0013-0385-014
0013-0374-016	0013-0375-016	16.0	6¼"	0013-0384-016	0013-0385-016



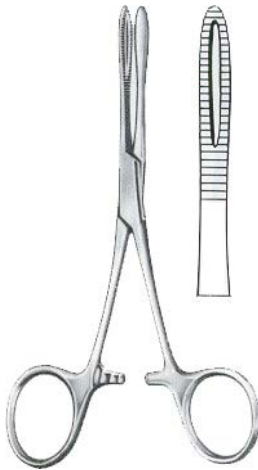
Rochester-Pean		cm	in	Ochsner-Kocher	
0013-0410-013	0013-0411-013	13.0	5"	0013-0414-013	0013-0415-013
0013-0410-014	0013-0411-014	14.0	5½"	0013-0414-014	0013-0415-014
0013-0410-016	0013-0411-016	16.0	6¼"	0013-0414-016	0013-0415-016
0013-0410-018	0013-0411-018	18.0	7"	0013-0414-018	0013-0415-018
0013-0410-020	0013-0411-020	20.0	8"	0013-0414-020	0013-0415-020
0013-0410-022	0013-0411-022	22.0	8¾"	0013-0414-022	0013-0415-022
0013-0410-024	0013-0411-024	24.0	9½"	0013-0414-024	0013-0415-024
0013-0410-026	0013-0411-026	26.0	10¼"	0013-0414-026	0013-0415-026
0013-0410-030	0013-0411-030	30.0	12"	0013-0414-030	0013-0415-030

13

General Forceps

Hemostatic Forceps

13



Kronlein
0013-0133-013
13cm/5"

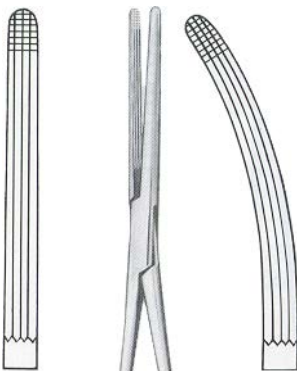


Brand
0013-0134-015 15cm/6"
0013-0134-019 19cm/7½"
0013-0134-024 24cm/9½"



Brand
0013-0135-015 15cm/6"
0013-0135-019 19cm/7½"
0013-0135-024 24cm/9½"

Lateral Curved



0013-0370-016
0013-0370-020

0013-0371-016
0013-0371-020



Rochester-Carmalt
16cm/6¼"
20cm/8"



0013-0351-012

Mosquito-Dandy
12cm/4¾"



0013-0352-012



0013-0355-014

Dandy
14cm/5½"

0013-0357-014

13

General Forceps Hemostatic Forceps

13



Lovelace
0013-0136-015
15.5cm/6"



Dixon-Lovelace
0013-0348-015
16cm/6¼"



Dixon-Lovelace
0013-0350-015
16cm/6¼"



Bainbridge
15cm/6"
18cm/7"

0013-0137-015
0013-0137-018



0013-0138-015
0013-0138-018



Fuchsig
0013-0369-019
19cm/7½"

13

General Forceps

Hemostatic Dissecting and Ligature Forceps

13



Adson
18.5cm/7¼"



0013-0364-018



0013-0365-018



0013-0366-018



0013-0367-018



Nissen
0013-0368-018 18.5cm/7¼"
0013-0368-022 22.0cm/8¾"

Very Fine



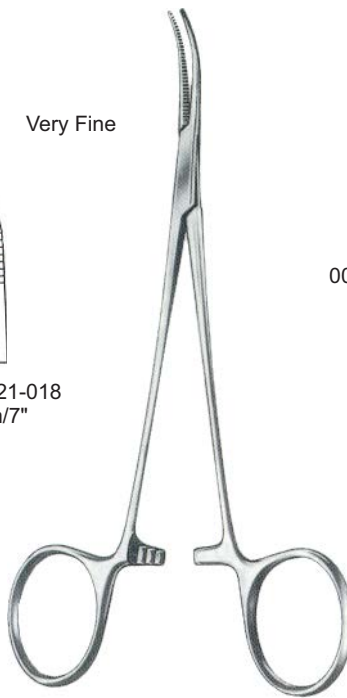
Baby-Adson



0013-0421-014
14cm/5½"



0013-0421-018
18cm/7"



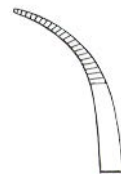
Jacobson-Adson
18cm/7"



0013-0139-018



0013-0140-018



0013-0141-018

13

General Forceps Hemostatic Forceps

13



Schnidt
19cm/7½"

0013-0142-019



0013-0143-019



Schnidt
19cm/7½"

0013-0144-019



0013-0145-019



Birkett
19cm/7½"

0013-0146-019



0013-0147-019



Bengolea



20cm/8"	0013-0390-020	0013-0391-020	0013-0392-020	0013-0393-020
22cm/8¾"	0013-0390-022	0013-0391-022	0013-0392-022	0013-0393-022
24cm/9½"	0013-0390-024	0013-0391-024	0013-0392-024	0013-0393-024
26cm/10¼"	0013-0390-026	0013-0391-026	0013-0392-026	0013-0393-026

13

General Forceps
Hemostatic Forceps

13



Bridge
27cm/10½"

0013-0148-027



0013-0149-027



Roberts
22cm/8¾"

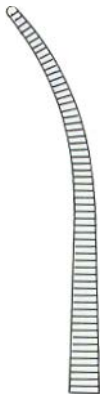
0013-0428-022



0013-0429-022

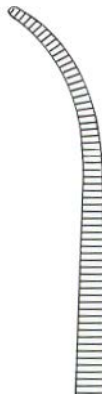


Kelly

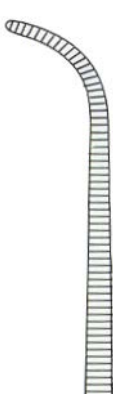


19cm/7½"
22cm/8¾"
24cm/9½"

0013-0577-019
0013-0577-022
0013-0577-024



0013-0579-019
0013-0579-022
0013-0579-024



0013-0581-019
0013-0581-022
0013-0581-024

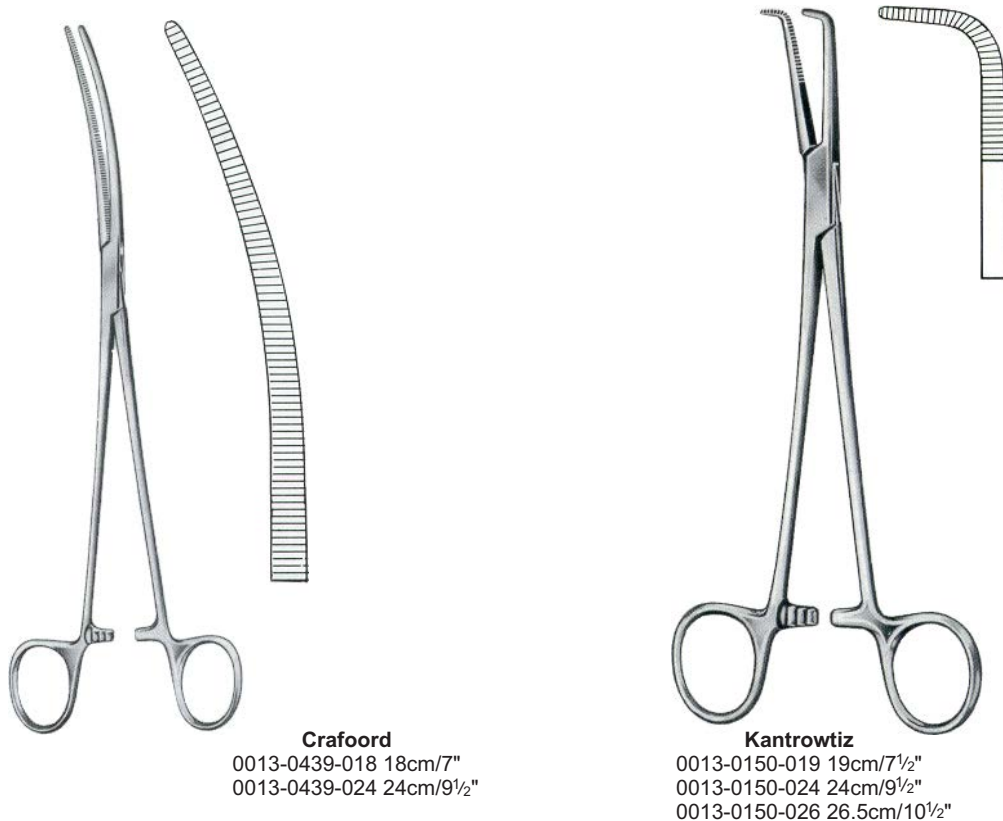
13

General Forceps Bronchus and Hemostatic Forceps

13



Crafoord-Sellors



13

General Forceps

Dissecting and Ligature Forceps

13



Rumel
23cm/9"



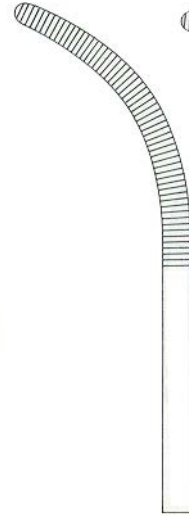
0013-0461-001



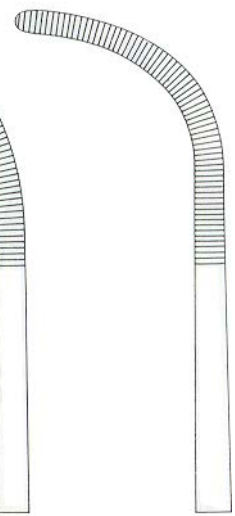
0013-0461-002



0013-0461-003



0013-0461-004



0013-0461-005



Johns Hopkins
0013-0151-020
20cm/8"



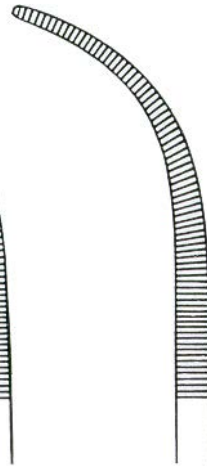
Zenker
29.5cm/11½"



0013-0469-000



0013-0469-001



0013-0469-002



Baby-Overholt
0013-0152-013
13.5cm/5¼"

13

General Forceps

Dissecting and Ligature Forceps

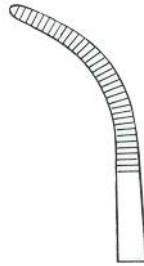
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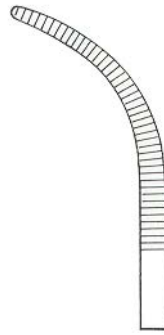
Overholt-Slim



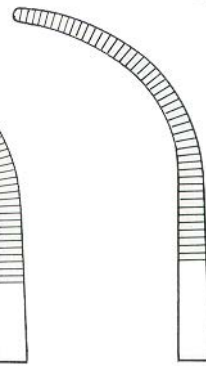
0013-0153-018
18.5cm/7¼"



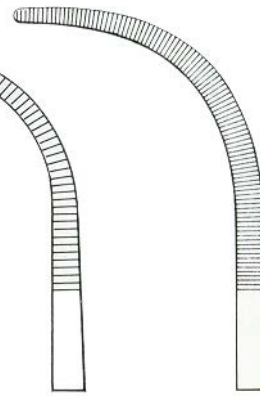
0013-0154-020
20.5cm/8"



0013-0155-021
21cm/8¼"



0013-0156-021
21.5cm/8½"



0013-0157-024
24cm/9½"



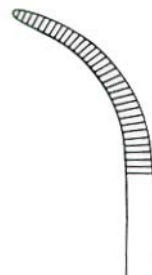
Overholt-Slim



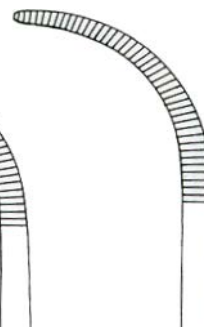
0013-0158-018
18.5cm/7¼"



0013-0159-020
20.5cm/8"



0013-0160-021
21cm/8¼"



0013-0161-021
21.5cm/8½"



13

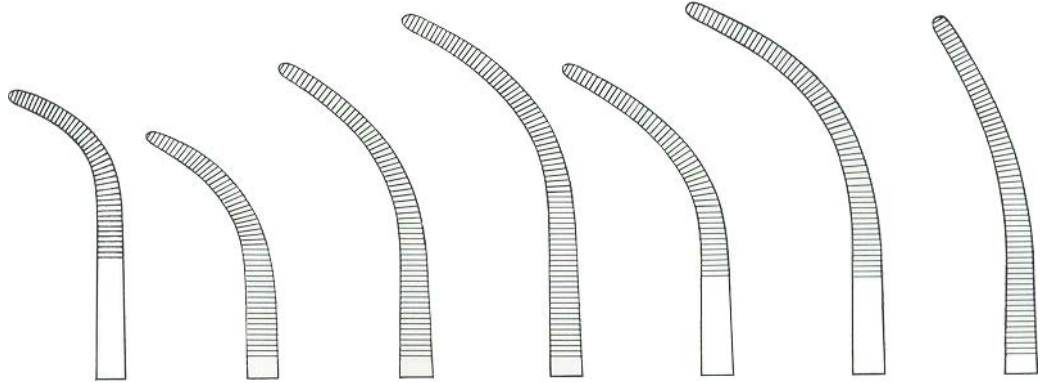
General Forceps

Dissecting and Ligature Forceps

13



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



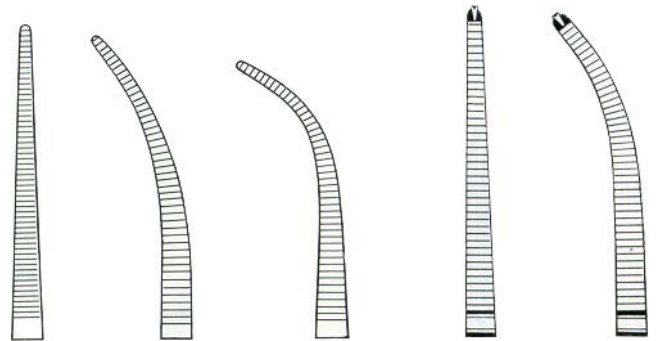
0013-0441-021 0013-0442-021 0013-0443-021 0013-0444-021 0013-0445-021 0013-0446-021 0013-0447-021
0013-0441-027 0013-0442-027 0013-0443-027 0013-0444-027 0013-0445-027 0013-0446-027 0013-0447-027



Overholt-Mixer
0013-0427-021
21cm/8¼"



Heiss
20cm/8"



0013-0422-020 0013-0423-020 0013-0425-020 0013-0162-020 0013-0163-020

13

General Forceps

Dissecting and Ligature Forceps

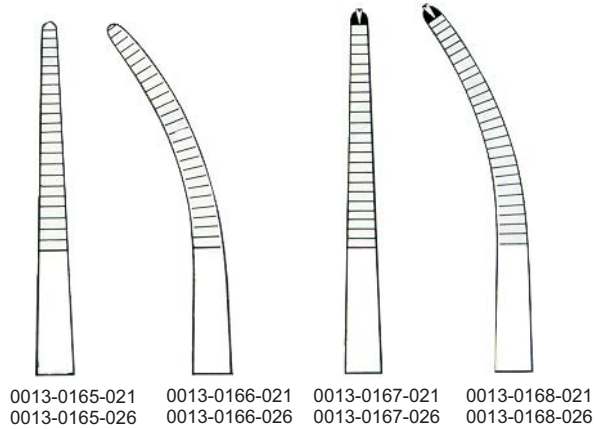
13



Meeker
0013-0164-027
27 cm/10½"



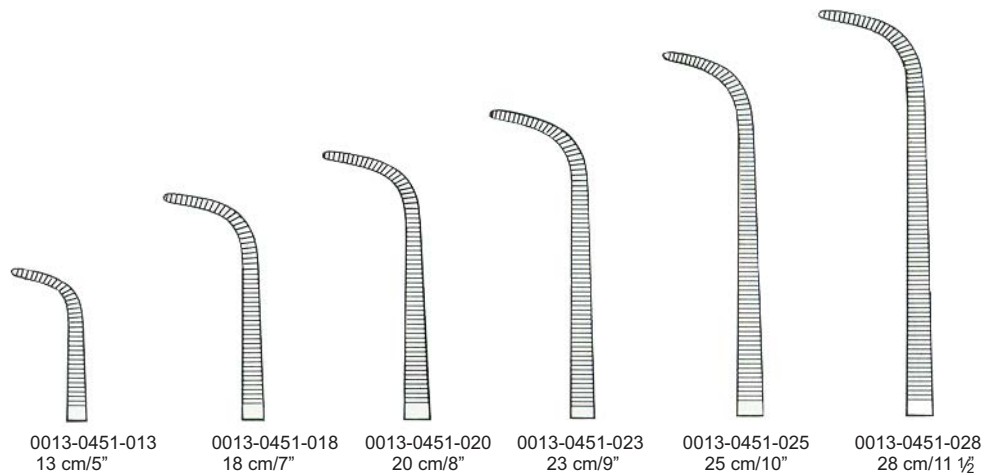
Toennis
21 cm/8¼"
26 cm/10¼"



Lower
0013-0501-018
18 cm/7"



Gemini



13

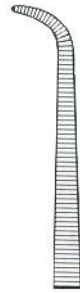
General Forceps Dissecting and Ligature Forceps

13

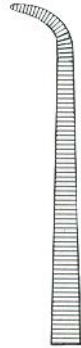


Mini-Gemini

0013-0453-018
18 cm/7"



0013-0453-022
22 cm/8¾"



0013-0453-025
25 cm/10"



0013-0453-028
28 cm/11"



Baby-Mixer

14 cm/5½"
18 cm/7"



0013-0165-014
0013-0165-018



0013-0166-014
0013-0166-018



Mixer

0013-0167-015 15 cm/6"
0013-0167-019 19 cm/7½"



Mixer-O'Shaughnessy

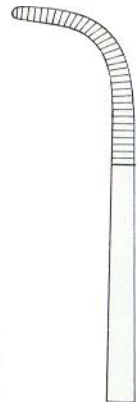
0013-0168-015 15.5 cm/6"
0013-0168-019 19.0 cm/7½"



Mixer-Slim



0013-0169-018
18 cm/7"



0013-0169-023
23 cm/9"

13

General Forceps

Dissecting, Ligature Forceps and Gall Stone Clamps

13



0013-0491-022
22 cm/8¾"

Mixer



0013-0493-025
25 cm/10"

0013-0495-028
28 cm/11"



Mixer
0013-0483-022
22 cm/8¾"



Wickstroem
0013-0487-020
20 cm/8"



Finocchietto
0013-0521-014
24 cm/9½"



Mc Quigg-Mixer
0013-0497-022
22 cm/8¾"

13

General Forceps

Dissecting, Gall Duct Clamps and Hemostatic Forceps

13



Lawrence
0013-0583-028
27.5 cm/10¾"



Lahey (Sweet)



Spencer-Wells

0013-0246-013	13 cm/5"	0013-0247-013
0013-0246-015	15 cm/6"	0013-0247-015
0013-0246-018	18 cm/7"	0013-0247-018
0013-0246-020	20 cm/8"	0013-0247-020
0013-0246-023	23 cm/9"	0013-0247-023



Spencer-Wells

0013-0248-013	13 cm/5"	0013-0249-013
0013-0248-014	14 cm/5½"	0013-0249-014
0013-0248-015	15 cm/6"	0013-0249-015
0013-0248-018	18 cm/7"	0013-0249-018
0013-0248-020	20 cm/8"	0013-0249-020
0013-0248-023	23 cm/9"	0013-0249-023

13

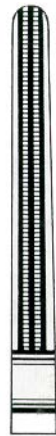
General Forceps

Parametrium and Hysterectomy Forceps

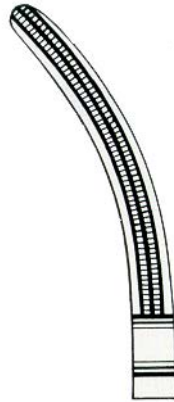
13



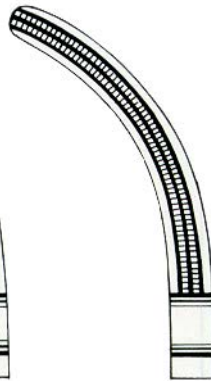
Rogers



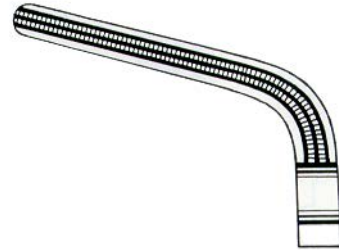
0013-0635-010
22.5 cm/9"
0013-0637-010
25.0 cm/10"



0013-0635-020
22.0 cm/8¾"
0013-0637-020
24.5 cm/9¾"



0013-0635-030
21.5 cm/8½"
0013-0637-030
24.0 cm/9½"



0013-0635-040
20.5 cm/8"
0013-0637-040
23.5 cm/9"



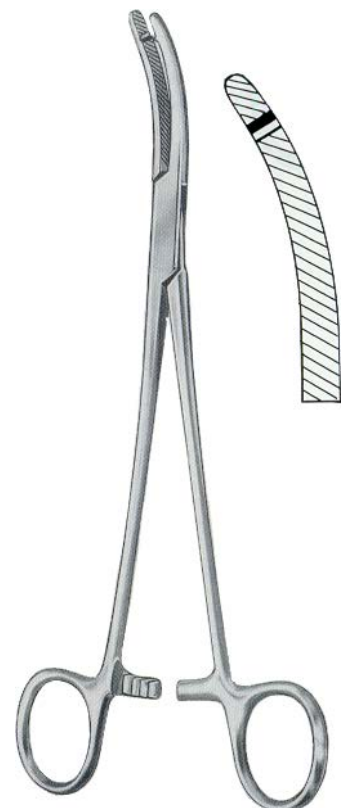
Heaney



19.5 cm/7½"
21.5 cm/8¼"
23.5 cm/9"



0013-0613-019 0013-0615-019
0013-0613-021 0013-0615-021
0013-0613-023 0013-0615-023



Heaney-Slim
0013-0612-021
21 cm/8¼"

13

General Forceps Hysterectomy Forceps

13



Ballentine
0013-0170-021
21cm/8¼"



Heaney-Ballentine
0013-0171-021
21cm/8¼"



Tonsil Forceps

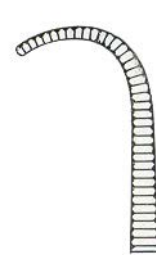


Fig. 1



Fig. 2

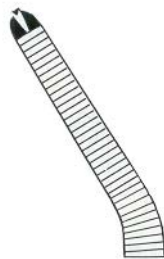
Negus
0013-0595-019 19cm/7½" 0013-0597-019



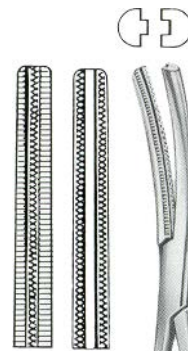
Phaneuf
21.5cm/8½"



0013-0600-021



0013-0601-021



Haemorrhoidal Clamps

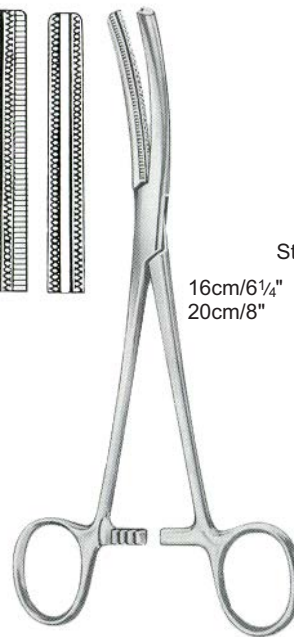


Straight

16cm/6¼" 0013-0172-016
20cm/8" 0013-0172-020

Curved

0013-0173-016
0013-0173-020

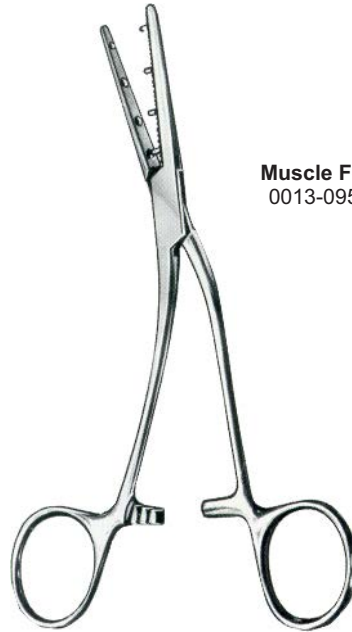


Fergusson



Goitre Grasping Forceps

Lahey
0013-0953-015 15 cm/6"
0013-0953-020 20 cm/8"



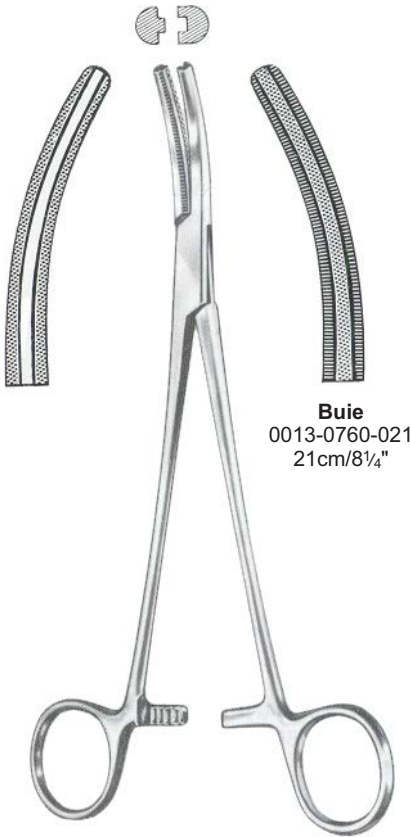
Muscle Forceps
0013-0954-017

Mastin
17 cm/6¾"

13

General Forceps Clamp and Artery Forceps

13



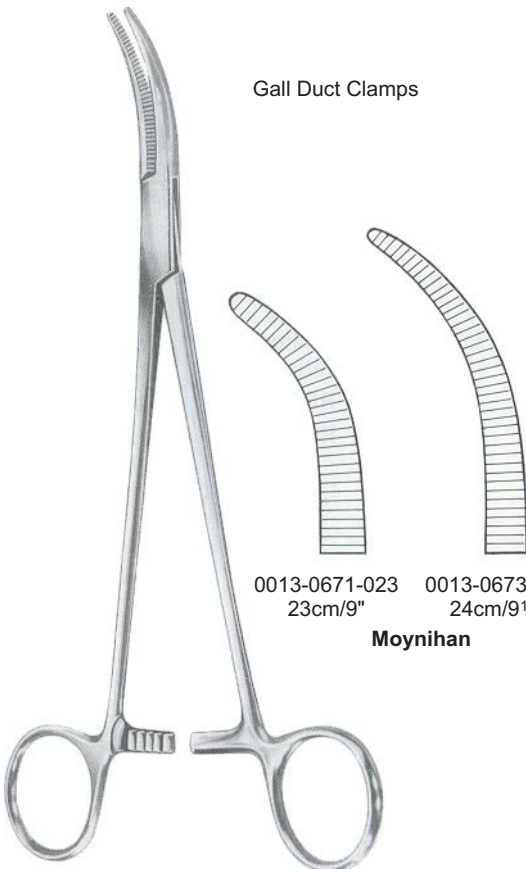
Buie
0013-0760-021
21cm/8¼"



Long
0013-0761-019
19cm/7½"



Garland
0013-0762-021
21cm/8¼"



Gall Duct Clamps

0013-0671-023 23cm/9"
0013-0673-024 24cm/9½"
Moynihan



Hysterectomy Forceps

0013-0763-023 0013-0764-023
Hozlback
23.5cm/9¼"



Pressure Clamps

Zweifel
0013-0765-017
17.5cm/7"

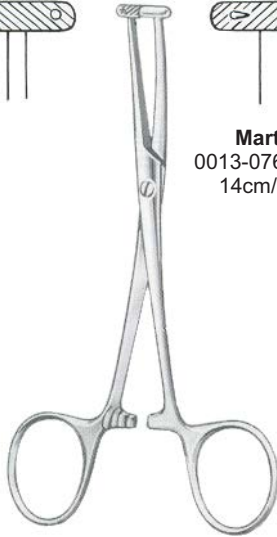
13

General Forceps

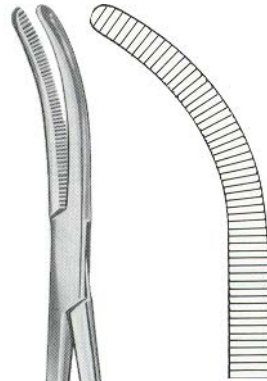
Hysterectomy Clamps and Vaginal Forceps

13

Scalp Flap Forceps

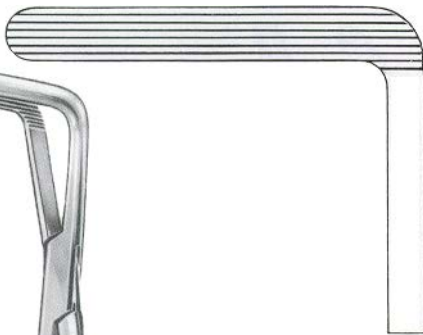


Martel
0013-0766-014
14cm/5½"

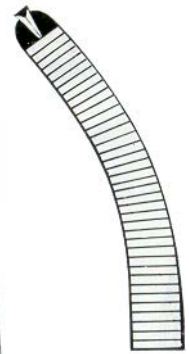


Wertheim
0013-0697-025
25cm/10"

Extra Strong



Wertheim-Cullen
0013-0625-021
21.5cm/8½"



Wertheim
0013-0767-024
24cm/9½"

13

General Forceps

Hysterectomy Clamps and Vaginal Forceps

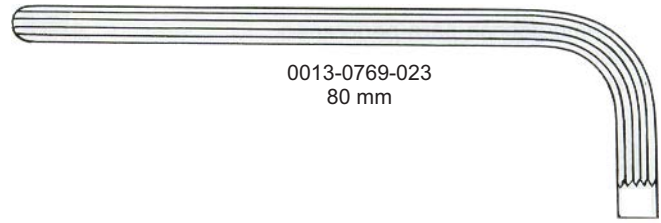
13



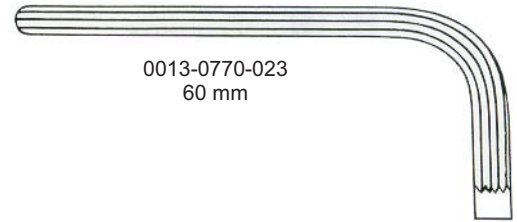
Faure
0013-0768-025
25cm/10"



23cm/9"



0013-0769-023
80 mm



0013-0770-023
60 mm



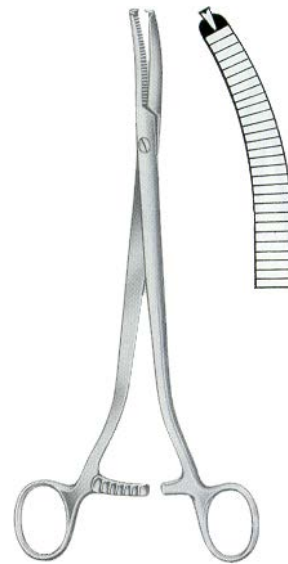
Wertheim
22cm/8¾"



Slightly Curved
0013-0717-022



More Curved
0013-0719-022



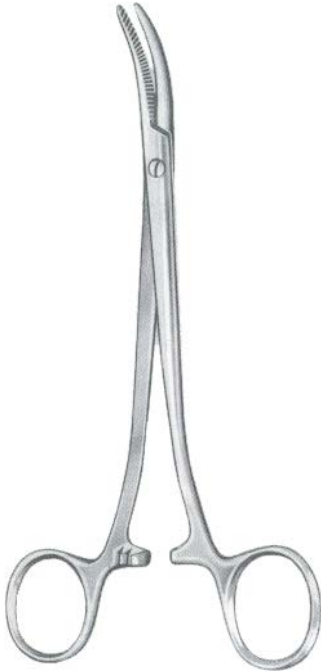
Wertheim
0013-0771-022
22cm/8¾"

13

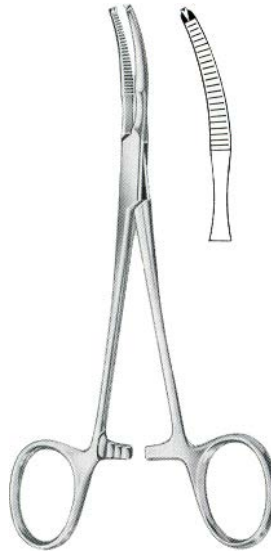
General Forceps

Peritoneal Clamp Forceps

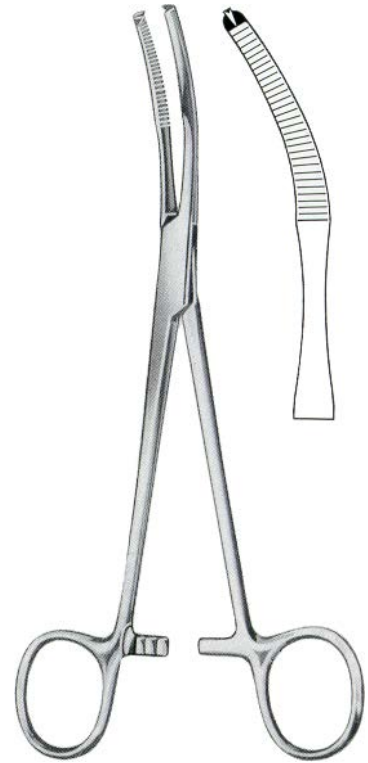
13



Wertheim
0013-0772-018
18 cm/7"



Baby-Mikulicz
0013-0721-014
14 cm/5½"



Mikulicz
0013-0725-018 18cm/7"
0013-0727-020 20cm/8"



Mikulicz
0013-0749-021
20 cm/8"



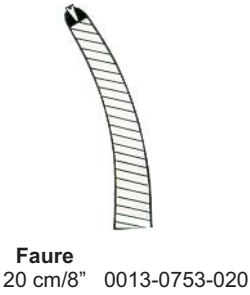
Mikulicz
0013-0773-018
18.5 cm/7¼"

13

General Forceps

Peritoneal Clamp and Hysterectomy Forceps

13



13

General Forceps Towel Forceps

13



Schadel
0013-0875-009 9 cm/3½"



Jones
0013-0881-005 5 cm/2"
0013-0881-009 9 cm/3½"



Engl-Modell
0013-0882-009 9 cm/3½"



Backhaus
0013-0915-009 9 cm/3½"
0013-0915-011 11 cm/4½"
0013-0915-013 13 cm/5"
0013-0915-015 15 cm/6"

With clip for Tubing or Cable



0013-0913-011 11 cm/4½"
0013-0913-013 13 cm/5"



Peers-Bertram
0013-0923-014 14.5 cm/5¾"



Tohoku
0013-0923-010 10 cm/4"
0013-0923-013 13 cm/5"

13

General Forceps Towel Forceps

13



Ball and socket

0013-0924-010 10 cm/4"
0013-0924-013 13 cm/5¼"



Roeder

0013-0917-013 13 cm/5"
0013-0917-015 15 cm/6"



Lorna

0013-0919-010 10 cm/4"
0013-0919-013 13 cm/5"



Bernhard

0013-0921-016 16.5 cm/6½"



Lane

0013-0935-013 13cm/5"
0013-0935-015 15cm/6"
0013-0935-018 18cm/7"
0013-0935-020 20cm/8"



Doyen

0013-0936-018
18 cm/7"

13

General Forceps Tubing Forceps

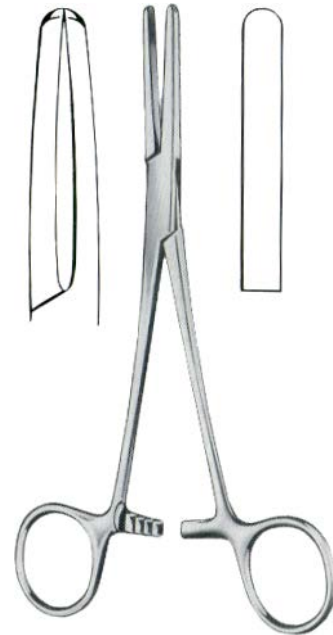
13



0013-0937-014 14 cm/5½"
0013-0937-015 15 cm/6"
0013-0937-018 18 cm/7"
0013-0937-020 20 cm/8"



0013-0940-014
14.5 cm/5¾"



0013-0942-016 16.5 cm/6½"
0013-0942-018 18.0 cm/7"



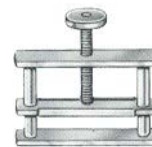
0013-0946-015 15 cm/6"
0013-0946-018 18 cm/7"
0013-0946-020 20 cm/8"



Mohr

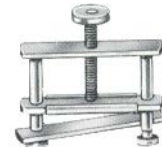
0013-0950-050	50 mm
0013-0950-060	60 mm
0013-0950-070	70 mm
0013-0950-080	80 mm

Sizes
mm
13
17
20
25
30



Hoffmann

0013-0951-013
0013-0951-017
0013-0951-020
0013-0951-025
0013-0951-030



Hoffmann

0013-0952-013
0013-0952-017
0013-0952-020
0013-0952-025
0013-0952-030

13

General Forceps Bulldog Clamps

13



Schwartz
0013-0100-019
19cm/7½"



0013-0101-001



0013-0102-002



0013-0103-003

Applying Forceps



0013-0105-023
23cm/9"

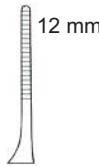
Atrauma



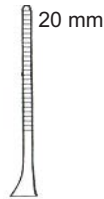
Diethrich



0013-0106-008



0013-0106-012



0013-0106-020



0013-0108-010



0013-0108-014



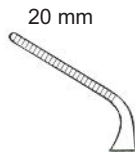
0013-0108-020



0013-0107-008



0013-0107-012



0013-0107-020



0013-0109-010



0013-0109-014



0013-0109-020

14

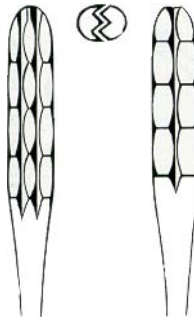
General Forceps

Cotton Swab, Polypus and Dressing Forceps

14

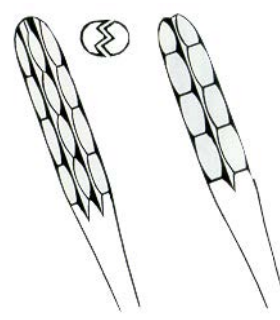


Ulrich



Straight

0014-0100-022
0014-0100-025
0014-0100-027



Curved

22 cm/8¾"
25 cm/10"
27 cm/10½"

0014-0101-022
0014-0101-025
0014-0101-027



Lister

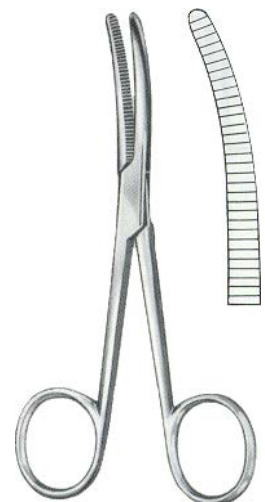
0014-0110-013 13 cm/5"
0014-0110-015 15 cm/6"
0014-0110-018 18 cm/7"

0014-0111-013
0014-0111-015
0014-0111-018



Bryant

0014-0112-013
13 cm/5"



Bryant

0014-0113-013
13 cm/5"

14

General Forceps Polypus and Dressing Forceps

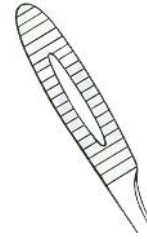
14



Gross-Maier



Straight



Curved

With Ratchet

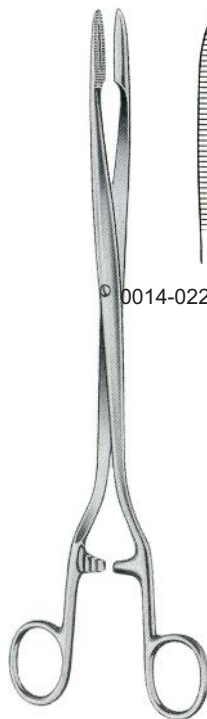
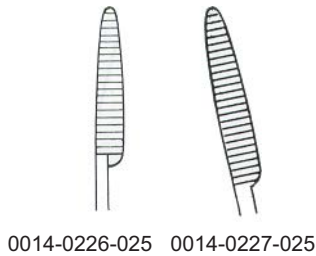
0014-0222-020	20 cm/8"	0014-0223-020
0014-0222-025	25 cm/10"	0014-0223-025

Without Ratchet

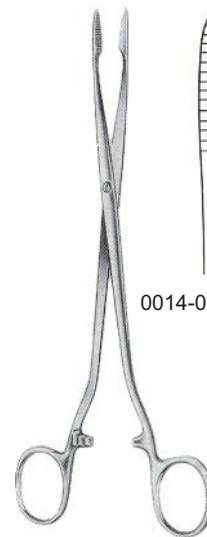
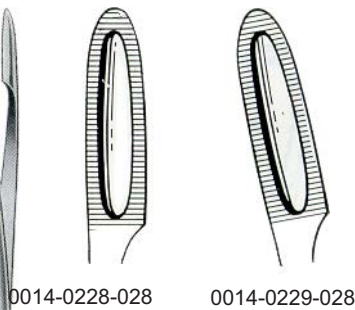
0014-0224-020	20 cm/8"	0014-0225-020
0014-0224-025	25 cm/10"	0014-0225-025



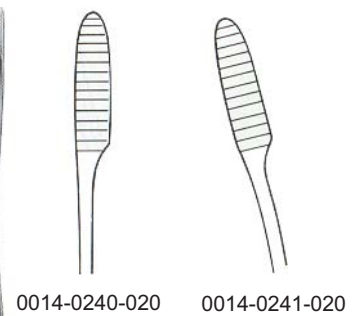
Pelkmann
25 cm/10"



Sims-Maier
28 cm/11"



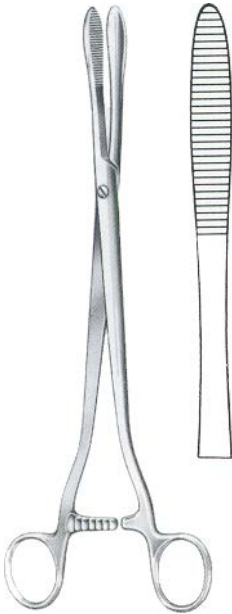
Duplay
20 cm/8"



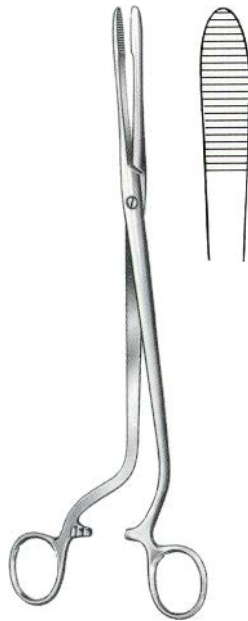
14

General Forceps Cotton Swab Forceps

14



Collin
0014-0286-025
25cm/10"
0014-0287-025 B/J
25cm/10"



Cheron
0014-0290-025
25cm/10"
0014-0291-025 B/J
25cm/10"



Emmet
0014-0311-021
21cm/8¼"



Bozemann
0014-0312-026
26cm/10¼"



Bozemann
26cm/10¼"



0014-0313-026



0014-0314-026

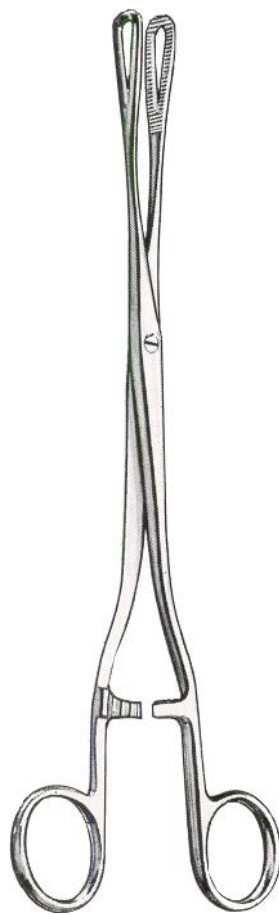
Smooth

14

General Forceps

Cotton Swab and Sponge Holding Forceps

14



Rampley
0014-0370-018 18cm/7"
0014-0370-024 24cm/9½"



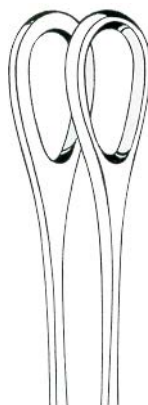
Rampley
0014-0371-018 18cm/7"
0014-0371-024 24cm/9½"



0014-0372-024
24 cm/9½"

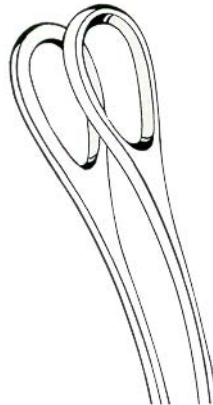


Foerster

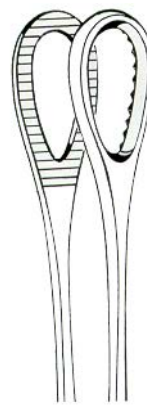


18 cm/7"
20 cm/8"
24 cm/9½"
25 cm/10"

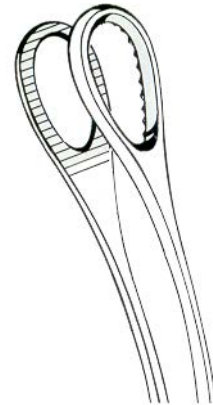
0014-0350-018
0014-0350-020
0014-0350-024
0014-0350-025



0014-0353-018
0014-0353-020
0014-0353-024
0014-0353-025



0014-0352-018
0014-0352-020
0014-0352-024
0014-0352-025



0014-0355-018
0014-0355-020
0014-0355-024
0014-0355-025

15

Retractors Wound and Nerve Hooks

15



0015-0099-016
16cm/6¼"



0015-0091-008
8 mm



0015-0091-010
10 mm



0015-0093-012
12 mm



0015-0093-014
14 mm



0015-0091-012
12 mm



0015-0091-014
14 mm



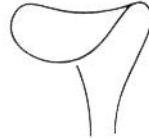
0015-0093-016
16 mm



0015-0093-018
18 mm



0015-0091-016
16 mm



0015-0091-018
18 mm



Sharp



Blunt

0015-0066-001
Graefe
16cm/6¼"

0015-0066-002



0015-0068-001
16cm/6¼"



0015-0068-002
16cm/6¼"



O, Connor
0015-0070-016
16cm/6¼"



0015-0072-001
Guthrie
16cm/6¼"



0015-0072-002



0015-0068-003
16cm/6¼"



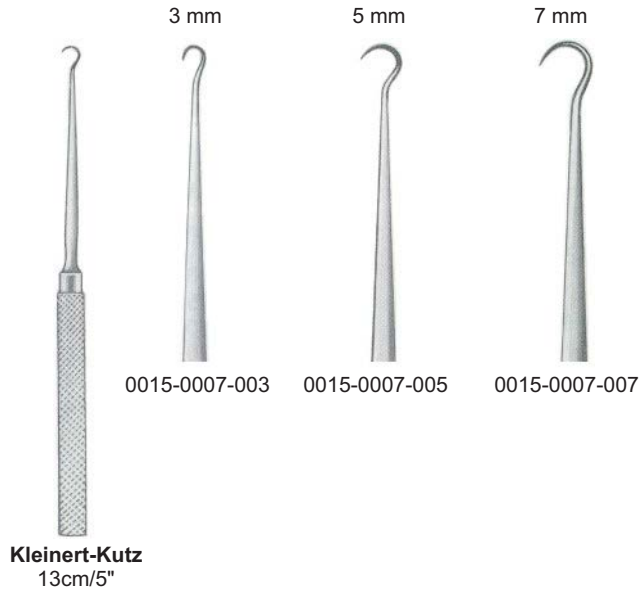
0015-0068-004
16cm/6¼"

15

Retractors

Wound and Trachea Retractors

15



15

Retractors
Retractors

15

Malleable



Gil-Vernet
24cm/9½"

8 mm 0015-0173-008	0015-0174-008
11 mm 0015-0173-011	0015-0174-011
15 mm 0015-0173-015	0015-0174-015
17 mm 0015-0173-017	0015-0174-017
20 mm 0015-0173-020	0015-0174-020
23 mm 0015-0173-023	0015-0174-023

Malleable



24cm/9½"

12x14 mm



Little
0015-0013-020
20cm/8"



Love-(Morse)
25cm/10"

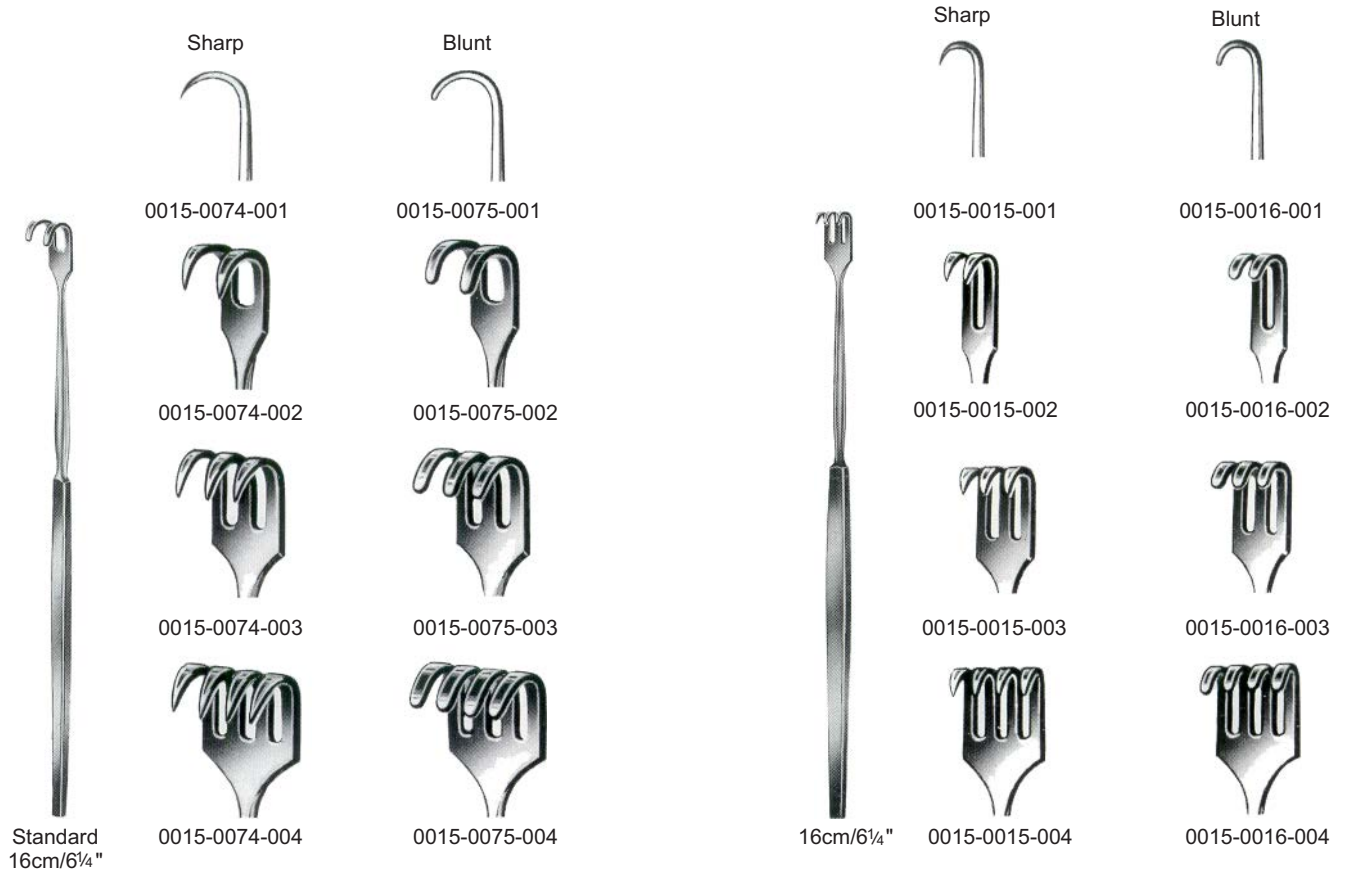
10 mm 0015-0014-010
15 mm 0015-0014-015
20 mm 0015-0014-020
30 mm 0015-0014-030
40 mm 0015-0014-040
50 mm 0015-0014-050

15

Retractors

Wound and Trachea Retractors

15



15

Retractors Trachea Retractors

15



0015-0019-013
13.5cm/5¼"



Jackson
0015-0020-013
13cm/5"



Bergmann
0015-0021-014
14cm/5½"



Iterson
16cm/6¼"



0015-0022-016



0015-0023-016



Meyerding
18cm/7"



0015-0151-001
18x7 mm



0015-0151-002
16x5 mm



0015-0151-003
7x4 mm



0015-0151-004
10x3 mm



0015-0151-005
7x4 mm



0015-0151-006



Volkman
11.5cm/4½"



Sharp

0015-0024-002



0015-0024-003



0015-0024-004



0015-0024-006



Blunt

0015-0025-002



0015-0025-003



0015-0025-004



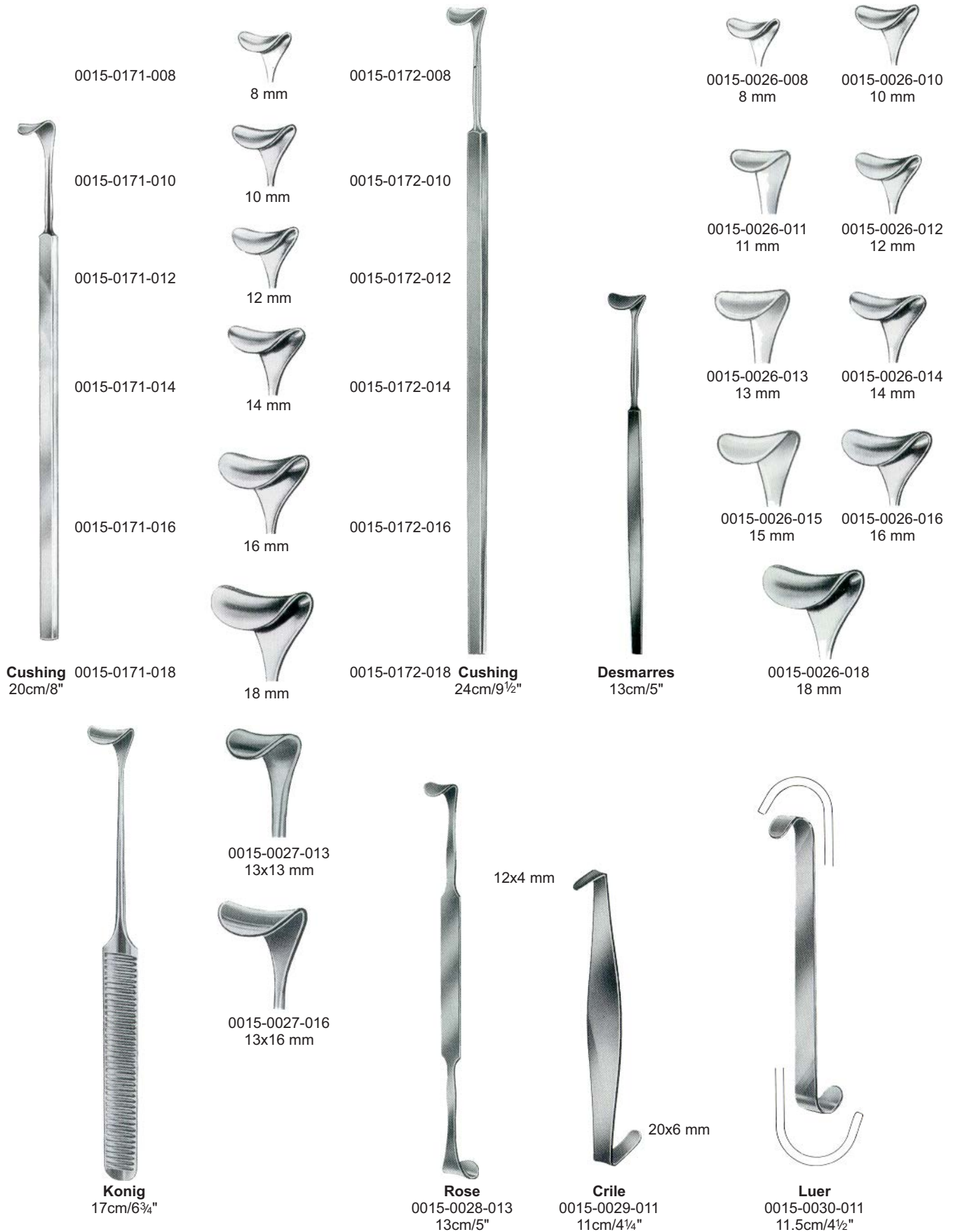
0015-0025-006

15

Retractors

Wound and Vein Retractors

15



15

Retractors

Retractors and Tendon Sheath Hooks

15



Cushing-Kocher
0015-0031-018
18cm/7"



Langenbeck-Green
17cm/6¾"



Strandell-Stille
19cm/7½"

Tendon Sheath Hook



Klapp
17.5 cm/7"

Decompression Hook



Cushing
0015-0170-020
20cm/8"

15

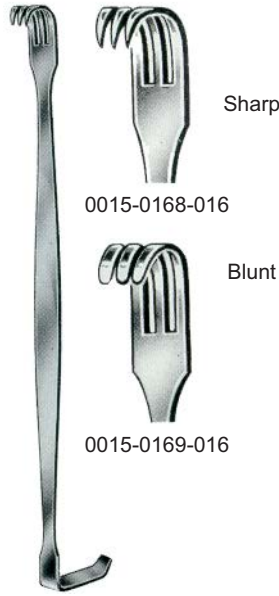
Retractors

Retractors

15



Senn-Miller
16cm/6¼"



Baby-Senn-Miller
16cm/6¼"



Rangell-Davis
0015-0164-014
14cm/5½"



Senn-Green
15cm/6"



Langenbeck-Green
16cm/6¼"

15

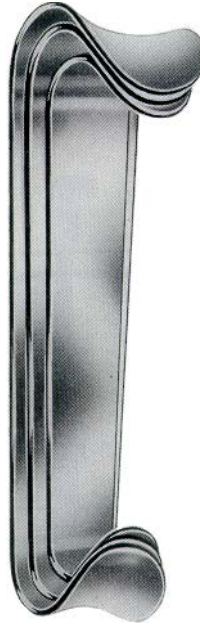
Retractors

Retractors

15



Collin-Hartmann



Roux



Baby-Roux
13 cm/5"



Mini-Roux
14 cm/5 1/2"

Set	0015-0651-000	Set	0015-0655-000	0015-0669-013	0015-0667-000
14 cm/5 1/2"	0015-0651-001	14 cm/5 1/2" Fig. 1	0015-0655-001		
16 cm/6"	0015-0651-002	15 cm/6" Fig. 2	0015-0655-002		
		17 cm/6 3/4" Fig. 3	0015-0655-003		



Goelet
0015-0695-000
19 cm/7 1/2"



**Parker-Langenbeck
(US-Army)**
0015-0687-000
21cm/8 1/4"



Parker
0015-0673-001
13.5 cm/5 1/4"



Parker
0015-0673-002
18 cm/7"

Set

Set

Set

15

Retractors Retractors

15



Parker-Mott
0015-0675-000
16 cm/6¼"

Set



Farabeuf
0015-0663-000
12 cm/4¾"

Set



Farabeuf
0015-0665-000
15 cm/6"

Set



Farabeuf
0015-0666-001
8x10x100mm
0015-0666-002
7x9x120mm
0015-0666-003
11x14x120mm
0015-0666-004
11x15x150mm
0015-0666-005
21x15x150mm



Collin
0015-0676-016
16.5 cm/6½"

Set



Mayo-Collin
0015-0677-015
15 cm/6"

Set



Mathieu
0015-0683-000
19 cm/7½"

Set

15

Retractors

Retractors and Bone Retractors

15



sharp



blunt



semi-sharp

1/2

Volkmann
21,5cm/8 1/2"

15

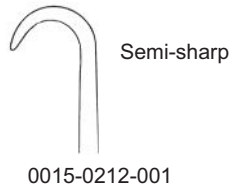
Retractors

Retractors and Bone Retractors

15



Volkmann
21 cm/8³/₄"



15

Retractors

Retractors and Bone Retractors

15



Kocher
22 cm/8³/₄"

sharp



0015-0240-001



0015-0240-002



0015-0240-003



0015-0240-004



0015-0240-006



0015-0240-008

blunt



0015-0241-001



0015-0241-002



0015-0241-003



0015-0241-004



0015-0241-006



0015-0241-008

semi-sharp



0015-0242-001



0015-0242-002



0015-0242-003



0015-0242-004



0015-0242-006



0015-0242-008



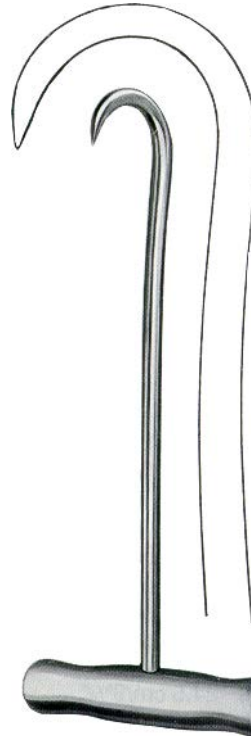
sharp

0015-0218-020
20 cm/8"



blunt

0015-0219-020
20 cm/8"



sharp

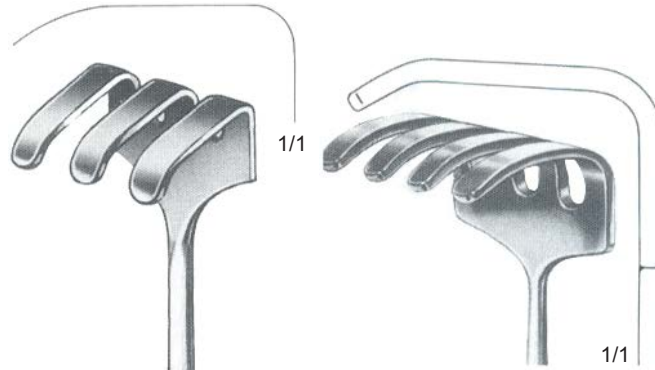
0015-0220-014
14 cm/5¹/₂"

15

Retractors

Retractors

15



Ollier
0015-0253-004
36x60 mm
22,5 cm/9"

Ollier
0015-0251-003
36x30 mm
22,5 cm/9"



Murphy
19.5 cm/7 3/4"

Sharp



0015-0254-002



0015-0254-003



0015-0254-004



0015-0254-006



blunt



0015-0255-002



0015-0255-003



0015-0255-004



0015-0255-006



15

Retractors

Retractors

15



33x20 mm

Wassmund
0015-0261-002
20cm/8"



0015-0283-005
40x50 mm



Israel
25cm/10"



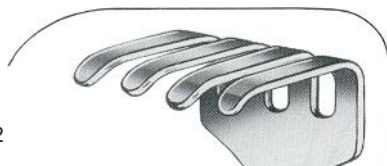
0015-0281-004
40x40 mm



0015-0287-006
50x60 mm



0015-0289-007
70x70 mm



46x55 mm

Vertical Handle
0015-0290-023



Koerte
23cm/9"

15

Retractors Retractors

15



15

Retractors Retractors

15



Langenbeck
0015-0043-001 22x6mm 21.5cm/8¼"
0015-0043-002 44x13mm 21.5cm/8¼"
0015-0043-003 64x25mm 21.5cm/8¼"



0015-0044-001 55x20 mm
0015-0044-002 60x20 mm
0015-0044-003 63x20 mm

Langenbeck
21cm/8¼"



0015-0045-001 35x7 mm
0015-0045-002 35x10 mm
0015-0045-003 35x15 mm
0015-0045-004 60x20 mm

Langenbeck
21cm/8¼"



0015-0046-019 28x6 mm

Lahey
19cm/7½"



22.5cm

Sauerbruch
0015-0047-001 45x15 mm
0015-0047-002 60x23 mm
0015-0047-003 75x20 mm



Langenbeck
21cm/8¼"

0015-0048-001 30x11 mm 0015-0049-001
0015-0048-002 30x14 mm 0015-0049-002
0015-0048-003 33x14 mm
0015-0048-004 30x16 mm 0015-0049-004
0015-0048-005 40x11 mm 0015-0049-005
0015-0048-006 42x13 mm
0015-0048-007 50x11 mm 0015-0049-007



Langenbeck
22cm/8¾"

15

Retractors Retractors

15

0015-0050-001 40x10 mm
0015-0050-002 40x15 mm
0015-0050-003 40x20 mm



Kocher
22cm/8¾"

0015-0150-001 19x12 mm
0015-0150-002 21x15 mm



Kocher
19cm/7½"

0015-0051-001 25x06 mm
0015-0051-002 25x08 mm
0015-0051-003 35x08 mm
0015-0051-004 35x11 mm
0015-0051-005 35x15 mm
0015-0051-006 42x11 mm
0015-0051-007 55x11 mm
0015-0051-008 70x14 mm
0015-0051-009 80x12 mm
0015-0051-010 80x16 mm



Kocher-Langenbeck
21.5cm/8½"



Czerny
0015-0052-018
18 cm/7"



Canny Ryall
0015-0053-001 16 x 25 mm 19cm/7½"
0015-0053-002 19 x 28 mm 19cm/7½"
0015-0053-003 25 x 38 mm 20cm/8"



Casper
0015-0054-021
21.5cm/8½"

15

Retractors Retractors

15



0015-0056-001
22x15 mm



0015-0056-002
38x20 mm



0015-0056-003
67x25 mm



0015-0056-004
100x35 mm



0015-0055-001
40x18 mm
0015-0055-002
60x20 mm
0015-0055-003
60x25 mm
0015-0055-004
75x30 mm
0015-0055-005
75x40 mm

Kocher
23cm/9"



Kocher-Wagner
28cm/11"



0015-0057-001
60x20 mm
0015-0057-002
80x30 mm
0015-0057-003
100x30 mm
0015-0057-004
120x30 mm
0015-0057-005
140x30 mm
0015-0057-006
140x40 mm

Heosel
25cm/10"

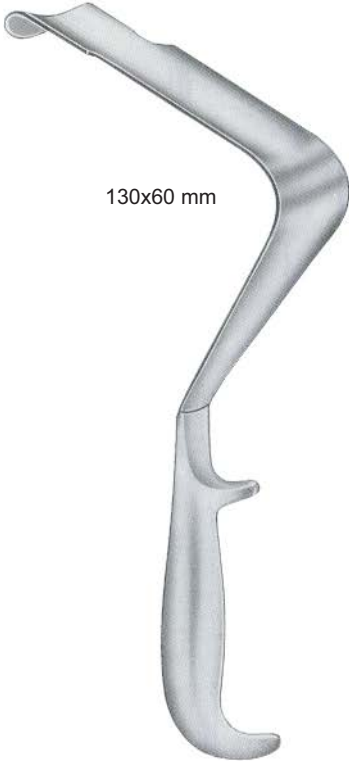


15

Retractors

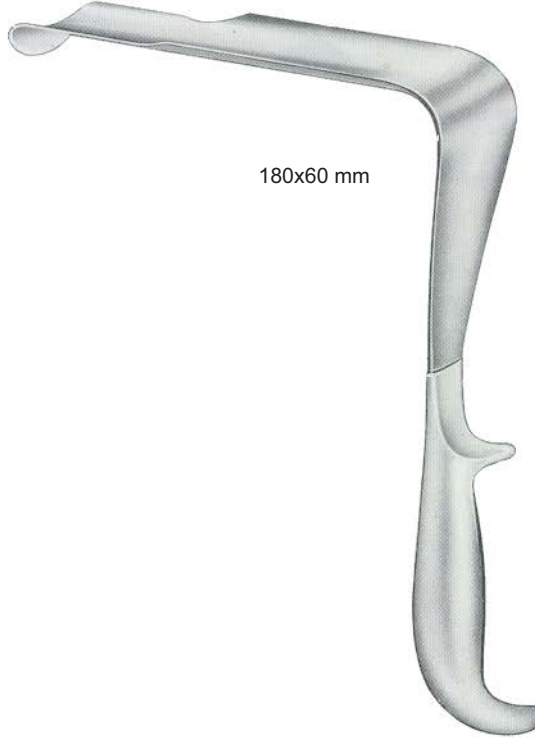
Retractors

15



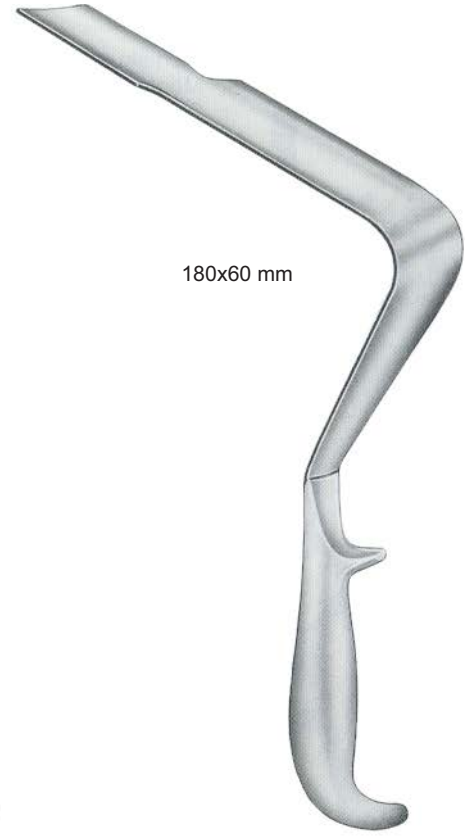
130x60 mm

St. Marks
0015-0058-029
29cm/11½"



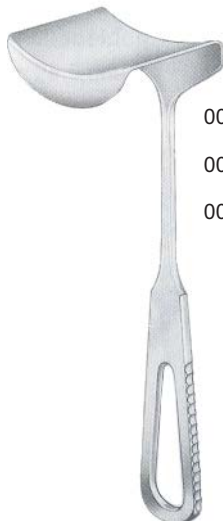
180x60 mm

St. Marks
0015-0058-032
32.5cm/12¾"



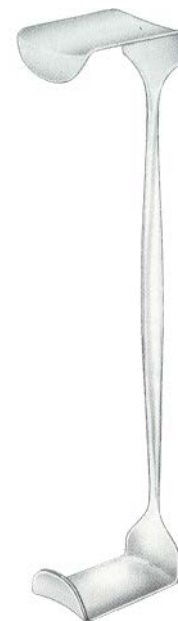
180x60 mm

St. Marks
0015-0058-033
33cm/13"



0015-0059-001
70x40 mm
0015-0059-002
70x50 mm
0015-0059-003
70x65 mm

Morris
21cm/8¼"



0015-0060-001
32x50 mm/38x50mm
0015-0060-002
45x50 mm/50x50mm
0015-0060-003
65x50 mm/38x50mm

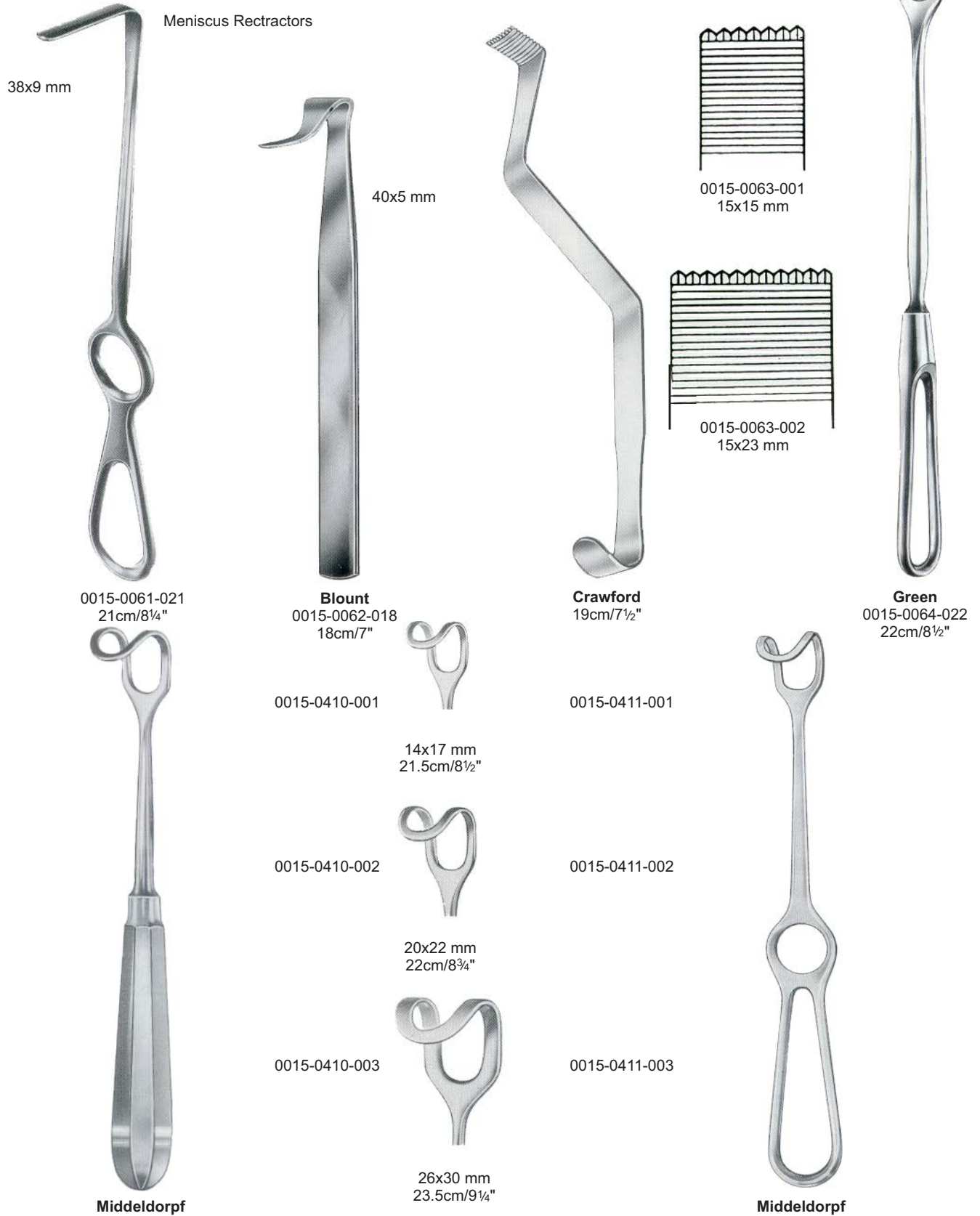
Morris
24cm/9½"

15

Retractors

Retractors and Meniscus Retractors

15



15

Retractors

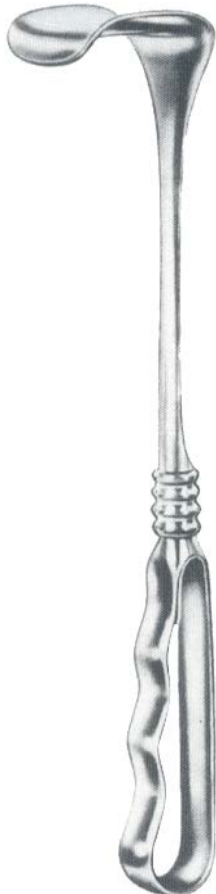
Retractors

15

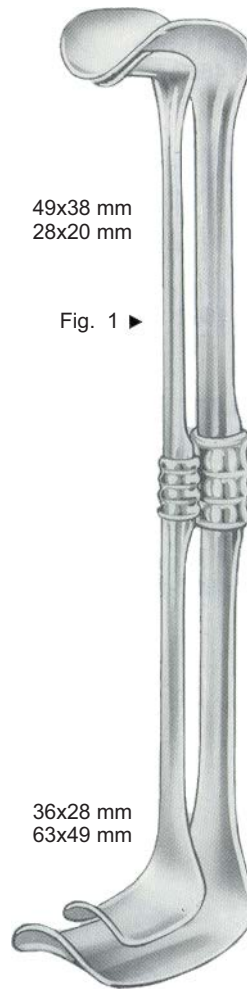


Middeldorpf
25.5cm/10"

0015-0412-001
45x45 mm
0015-0412-002
45x50 mm
0015-0412-003
55x70 mm



Richardson
26cm/10¼"



Richardson-Eastman

Set 0015-0414-000

Fig. 1
26cm/10¼" 0015-0414-001

Fig. 2
28cm/11" 0015-0414-002



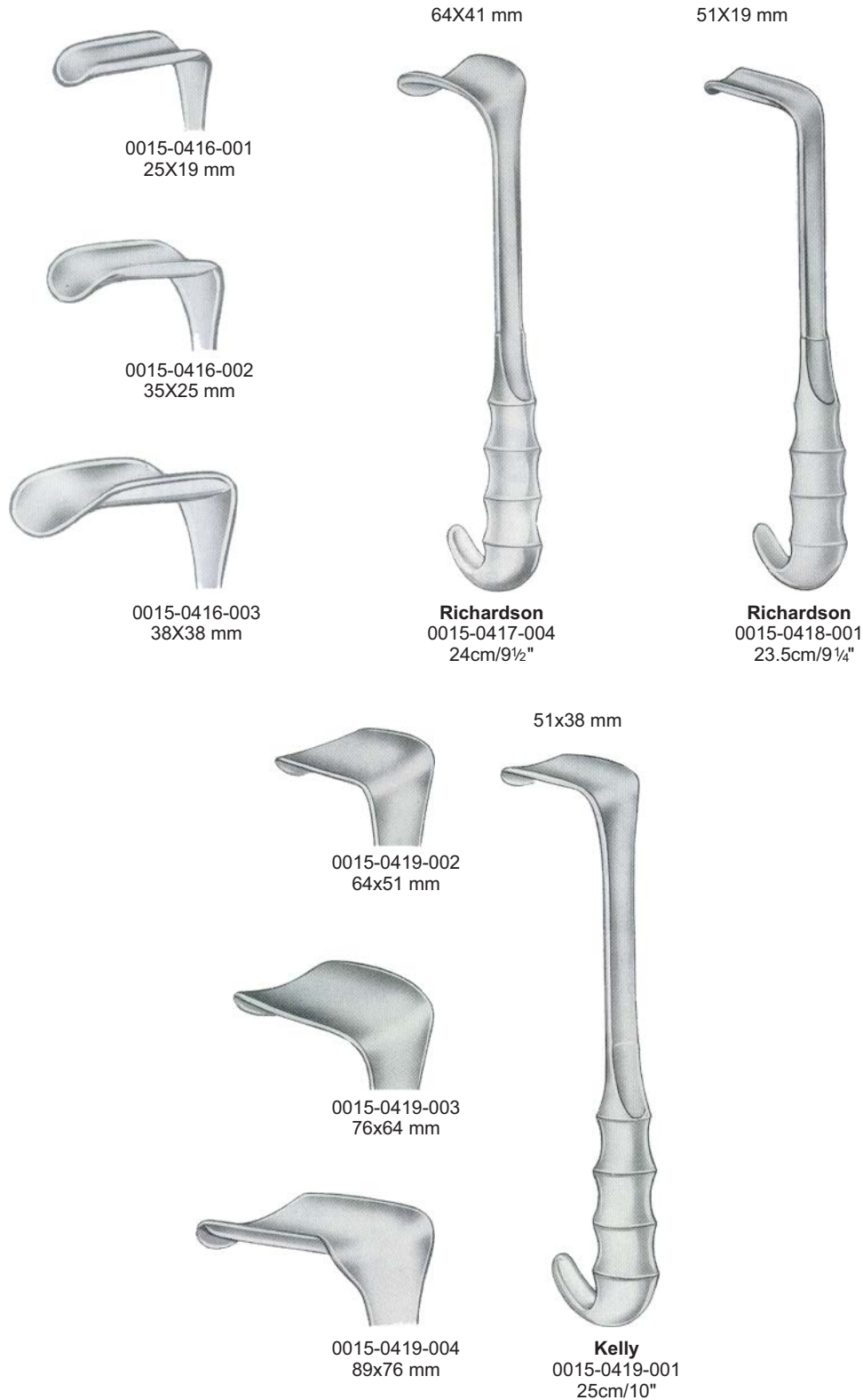
Kelly
26cm/10¼"

0015-0415-001
40x50 mm
0015-0415-002
50x65 mm
0015-0415-003
65x75 mm
0015-0415-004
75x90 mm

15

Retractors Retractors

15



15

Retractors Retractors

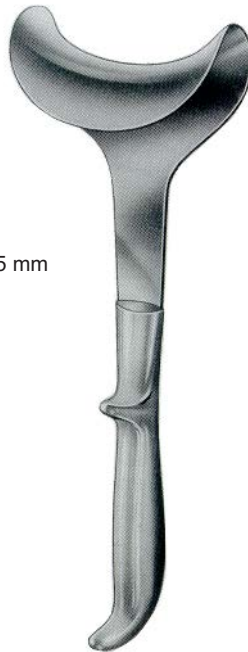
15

0015-0420-001
40x40 mm
0015-0420-002
45x40 mm
0015-0420-003
45x50 mm
0015-0420-004
45x60 mm
0015-0420-005
45x75 mm
0015-0420-006
65x85 mm



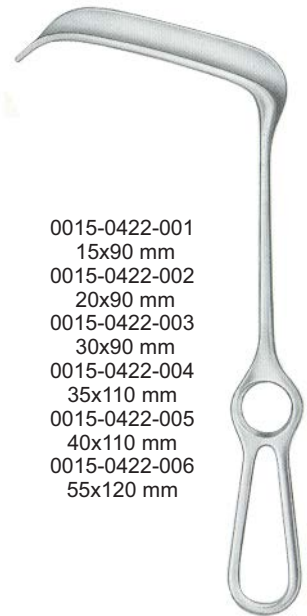
Fritsch
24cm/9½"

50x85 mm



Doyen
0015-0421-025
25cm/10"

0015-0422-001
15x90 mm
0015-0422-002
20x90 mm
0015-0422-003
30x90 mm
0015-0422-004
35x110 mm
0015-0422-005
40x110 mm
0015-0422-006
55x120 mm



Doyen-Stillé
24cm/9½"

70x25 mm



Kocher
0015-0423-022
22.5cm/9"

0015-0424-001
80x45 mm
0015-0424-002
80x55 mm
0015-0424-003
80x65 mm



Kocher
25cm/10"

64x60 mm



Tuffier
0015-0425-023
23cm/9"

0015-0426-001
115x22 mm
0015-0426-002
115x27 mm



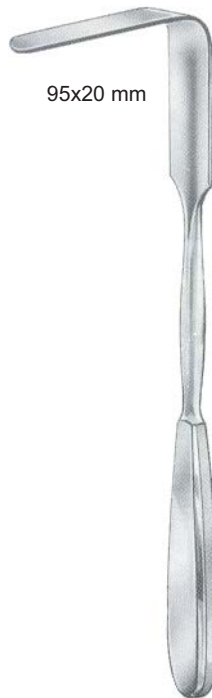
Simon
28cm/11"

15

Retractors

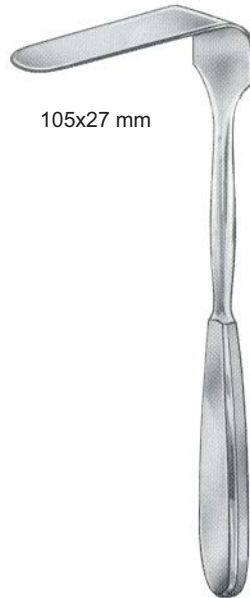
Retractors and Liver Retractors

15



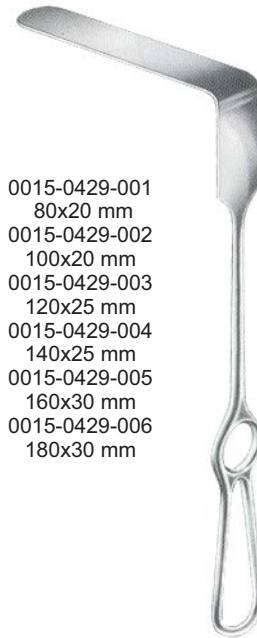
95x20 mm

Tuebingen
0015-0427-028
28cm/11"



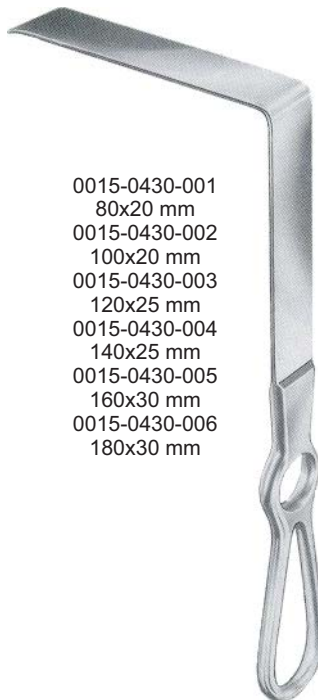
105x27 mm

Martin
0015-0428-026
26cm/10¼"



0015-0429-001
80x20 mm
0015-0429-002
100x20 mm
0015-0429-003
120x25 mm
0015-0429-004
140x25 mm
0015-0429-005
160x30 mm
0015-0429-006
180x30 mm

Brunner
25cm/10"



0015-0430-001
80x20 mm
0015-0430-002
100x20 mm
0015-0430-003
120x25 mm
0015-0430-004
140x25 mm
0015-0430-005
160x30 mm
0015-0430-006
180x30 mm

Brunner
25cm/10"



0015-0431-001
95x35 mm
0015-0431-002
120x50 mm
0015-0431-003
155x50 mm

Mikulicz
26cm/10¼"



90x50 mm

Mikulicz
0015-0432-026
26cm/10¼"

15

Retractors Retractors

15



0015-0433-001
160x38 mm
0015-0433-002
160x57 mm

Kelly
27cm/10½"



Polloson
0015-0434-027
27cm/10½"



Polloson
0015-0435-027
27cm/10½"



0015-0436-003
115x65 mm

0015-0436-002
108x43 mm

0015-0436-001
82x22 mm

Coryllos
23.0cm/9"



0015-0437-025
125x37 mm

Sauerbruch
25cm/10"

15

Retractors

Retractors and Lung Spatulas

15



15

Retractors

Retractors

15



Meyerding

0015-0440-001
50x16 mm 20cm/8"
0015-0440-002
75x25 mm 22cm/8¾"
0015-0440-003
90x50 mm 24cm/9½"



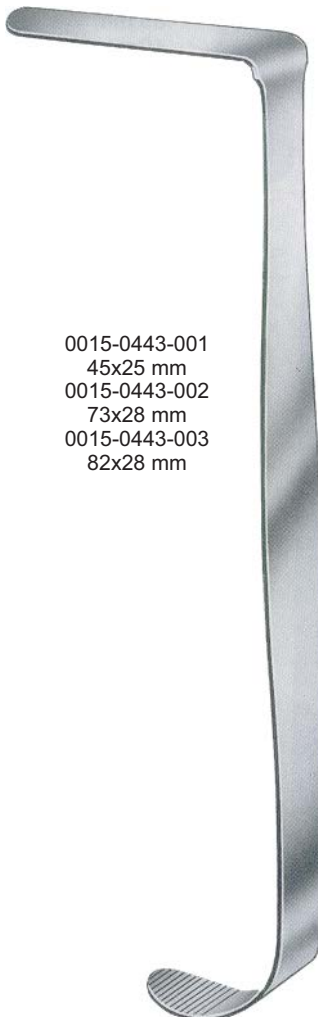
Zenker

0015-0441-001 25cm/10" 35x08 mm
0015-0441-002 26cm10¼" 60x12 mm
0015-0441-003 27.5cm/10¾" 75x12 mm



Hibbs
24cm/9½"

0015-0442-000
Set of 2
Fig. 1
0015-0442-001
25x75 mm
Fig. 2
0015-0442-002
25x80 mm



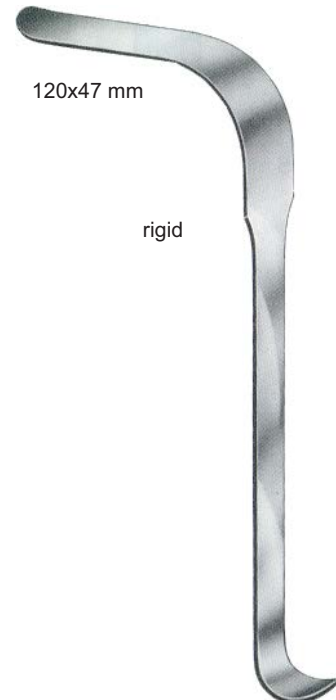
0015-0443-001
45x25 mm
0015-0443-002
73x28 mm
0015-0443-003
82x28 mm

Heaney
27cm/10½"

46 mm



Kuemmel
0015-0444-033
33cm/13"



120x47 mm

rigid

Koerte
0015-0445-028
28cm/11"

15

Retractors

Abdominal and Intestinal Spatulas

15

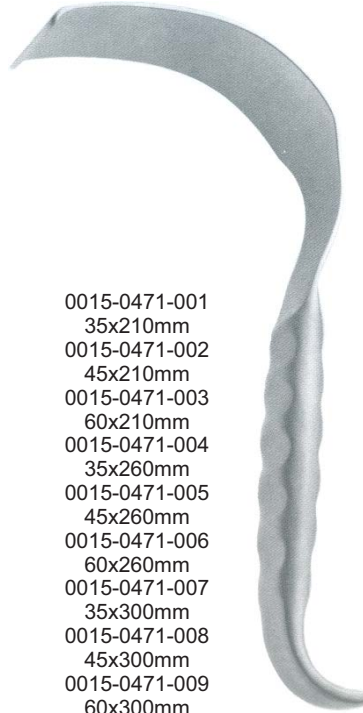


Kader
0015-0623-001 20mm
0015-0623-002 30mm
0015-0623-003 40mm
27cm/10½"



0015-0470-001
25.5cm/10"
45 mm
0015-0470-002
27.5cm/10¾"
60 mm

Leriche



0015-0471-001
35x210mm
0015-0471-002
45x210mm
0015-0471-003
60x210mm
0015-0471-004
35x260mm
0015-0471-005
45x260mm
0015-0471-006
60x260mm
0015-0471-007
35x300mm
0015-0471-008
45x300mm
0015-0471-009
60x300mm



Malleable
0015-0472-001 20 mm
0015-0472-002 25 mm
0015-0472-003 30 mm
0015-0472-004 35 mm
0015-0472-005 40 mm
0015-0472-006 45 mm
0015-0472-007 50 mm
0015-0472-008 64 mm
0015-0472-009 76 mm
0015-0472-010 102 mm
33cm/13"

Malleable



Tuffier
0015-0473-020
20 cm/8"
17x25 mm

Malleable
0015-0474-001
200x6 mm
0015-0474-002
200x8 mm
0015-0474-003
200x10 mm
0015-0474-004
200x12 mm
0015-0474-005
200x17 mm
0015-0474-006
200x20 mm
0015-0474-007
200x25 mm
0015-0474-008
250x25 mm



20cm/8"

Malleable
0015-0475-001
280x25/30 mm
0015-0475-002
300x37/45 mm
0015-0475-003
300x40/50 mm



Haberer



Reverdin
0015-0476-028
28 cm/11"

15

Retractors

Retractors

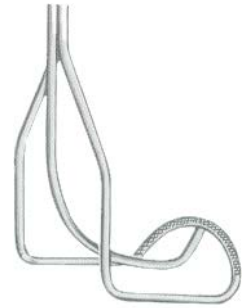
15



Davidson
16cm/6¼"
75x50 mm 0015-0477-001
75x90 mm 0015-0477-002



Cooley
0015-0478-001
21.5cm/8½"



Cooley
0015-0478-002
21.5cm/8½"



Cooley
0015-0478-003
23cm/9"



Ross
27cm/10½"

- Fig. 1 0015-0479-001 13x13 mm
- Fig. 2 0015-0479-002 14x12 mm
- Fig. 3 0015-0479-003 18x18 mm
- Fig. 4 0015-0479-004 20x20 mm
- Fig. 5 0015-0479-005 22x18 mm
- Fig. 6 0015-0479-006 26x24 mm

15

Retractors

Retractors for Maxillofacial Surgery

15



0015-0481-001
24.5cm/10"

0015-0481-002
24.5cm/10"



Dockhorn
20cm/8"

15

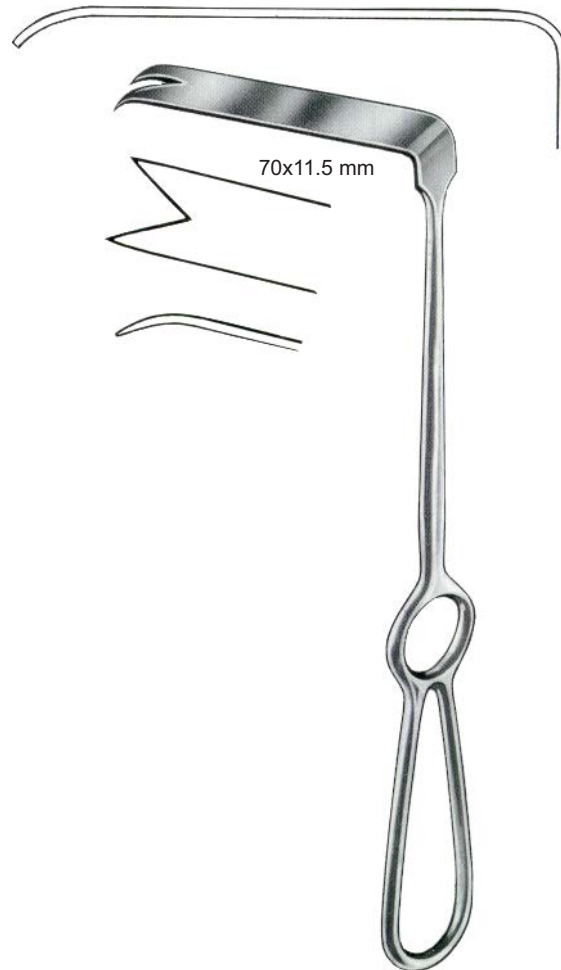
Retractors

Retractors for Maxillofacial Surgery

15



Spina-Nasalis
0015-0483-001
22 cm/8¾"



Ramus
0015-0483-002
22 cm/8 "



Obwegeser
0015-0484-015
15.5 cm/6"



Obwegeser
0015-0485-016
16 cm/6¼"

15

Retractors

Retractors for Maxillofacial Surgery

15



0015-0486-010 10 mm
0015-0486-020 20 mm
19cm/7½"



Dingman
0015-0487-017
17.5cm/7"



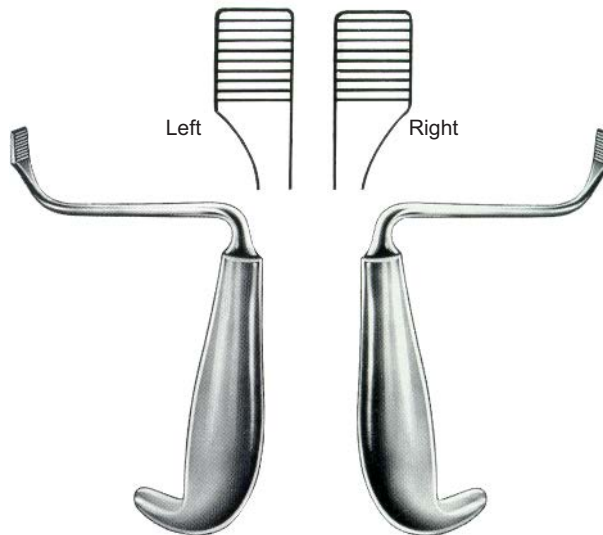
Soerensen-Hein
0015-0488-017
17.5cm/7"



Dingman
0015-0489-021
21cm/8¼"



0015-0490-018
18.5cm/7¼"



Tessier
0015-0491-001
15cm/6"

Tessier
0015-0491-002
15cm/6"



Dingman
0015-0492-000

15

Retractors

Raspatories for Maxillofacial Surgery

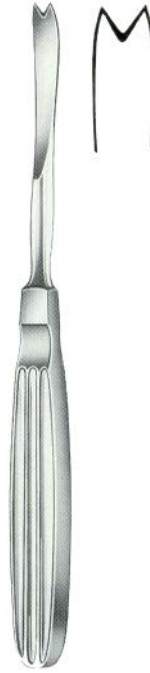
15



Obwegeser-Freer
0015-0493-021
21cm/8 1/4"



Obwegeser-Freer
0015-0494-020
20.5cm/8"



Obwegeser
0015-0495-017
17.5cm/7"



Obwegeser
20cm/8"



0015-0496-005
5 mm



0015-0496-008
8 mm



0015-0496-009
9 mm



Obwegeser
17.5cm/7"



0015-0497-006
6 mm



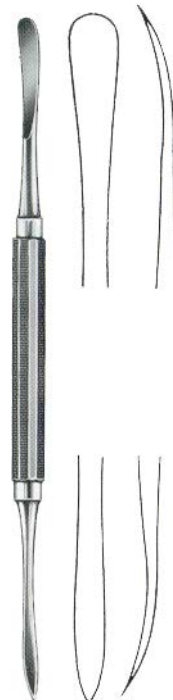
0015-0497-007
7 mm



0015-0497-009
9 mm



0015-0497-011
11 mm



Dingman
0015-0498-018
18cm/7"



Obwegeser
0015-0499-023
23.5cm/9 1/4"
10 mm

15

Retractors

Osteotome for Maxillofacial Surgery

15



Tessier
20.5cm/8"



0015-0500-010 10 mm



0015-0501-010 10 mm



Obwegeser
0015-0502-001
18.5cm/7 1/4"



Obwegeser
0015-0502-002
18.5cm/7 1/4"



0015-0503-007
7 mm
21.5cm/8 1/2"



0015-0503-010
10 mm
21.5cm/8 1/2"



0015-0504-002
2.5 mm



0015-0504-004
4 mm
15cm/6"



Bowdler-Henry's
0015-0505-016
16.5cm/6 1/2"



Gillies
0015-0506-021
21cm/8 1/4"



Gillies
0015-0507-021
21cm/8 1/4"

15

Retractors

Awls for Maxillofacial Surgery

15



Sanders-Brown
0015-0508-030
30cm/12"



Sanders-Brown
0015-0509-029
29cm/11½"



Obwegeser
0015-0510-014
14cm/5½"



Obwegeser
0015-0511-023
23cm/9"



Obwegeser
0015-0512-018
18cm/7"



Kelsey-Fry
0015-0513-016
15cm/6"



Kelsey-Fry
0015-0514-018
18cm/7"

Band Pusher



Mershon
0015-0515-014
14.5cm/5½"

15

Retractors

Retractors

15



Bose



Finsen



Finsen

cm	in				
5	2		0015-0517-005	0015-0518-005	0015-0519-005
7	2¾"	0015-0516-007	0015-0517-007	0015-0518-007	0015-0519-007 Blunt

Sharp

Blunt

Sharp



Allport
0015-0520-000
9.5cm/3¾"



Alm

Blunt

Sharp

cm	in		cm	in		
8.5	3 ½"	0015-0520-008	7	2¾"	0015-0521-007	0015-0522-007
11.5	4 ½"	0015-0520-011	10	4	0015-0521-010	0015-0522-010

15

Retractors Retractors

15



Holzheimer

Sharp
0015-0523-010 10 cm/4"
Blunt
0015-0524-010



Jansen

Sharp
0015-0525-010 10.5 cm/4¼"
blunt
0015-0526-010



Jansen-Deep

Sharp
0015-0527-010 10.5 cm/4¼"
blunt
0015-0528-010



Belucci

0015-0529-011 11.5cm/4½"
0015-0529-013 13cm/5"



Belucci

0015-0530-011
0015-0530-013



Plester

Sharp
0015-0756-013 13 cm/5"
blunt
0015-0755-013

15

Retractors Retractors

15



Weitlaner

Sharp

Blunt

10.5 cm/4¼"

0015-0748-010

0015-0749-010

13 cm/5"

16.5 cm/6½"



Weitlaner

Sharp

Blunt

0015-0750-013

0015-0751-013



Weitlaner-Wullstein

Sharp

Blunt

0015-0752-013

0015-0753-013

0015-0752-016

0015-0753-016



Mollison

0015-0754-015

15 cm/6"



Tuebinger-Modell

0015-0531-016

16 cm/6¼"



Henner(Lempert)

0015-0532-012

12 cm/4½"

Complete with 2 pairs of
blades and centre blade

15

Retractors Retractors

15

Complete with 3 Central blades



Henley

Sharp
0015-0533-016

16.5 cm/6½"

Blunt
0015-0534-016

Central blades, only



0015-0535-019
16x19 mm

0015-0535-025
16x25 mm

0015-0535-032
16x32 mm



Weitlaner-Baby

13 cm/5"
16 cm/6¼" 0015-0767-013



Milligan

Sharp 0015-0764-013
Blunt 0015-0765-013



Cone (Adson-Baby)

Sharp 0015-0536-013
Blunt 0015-0537-013
0015-0536-016 0015-0537-016

15

Retractors Retractors

15



Weitlaner



3x4 Teeth



5x6 Teeth

	Sharp	Blunt	Sharp	Blunt
20 cm/8"	0015-0538-020	0015-0539-020		
25 cm/10"	0015-0538-025	0015-0539-025	0015-0540-025	0015-0541-025



Adson



Anderson-Adson



Cone

	Sharp	Blunt	Sharp	Blunt	Sharp	Blunt
20 cm/8"	0015-0738-020	0015-0739-020	0015-0542-020	0015-0543-020	0015-0544-020	0015-0545-020
26 cm/10¼"	0015-0738-026	0015-0739-026			0015-0544-026	0015-0545-026

15

Retractors
Retractors

15



Travers
0015-0546-021
21 cm/8¼"

Jaws Depth

25 mm
44 mm



Beckmann-Adson
31 cm/12¼"

	Sharp	Blunt
0015-0547-001		0015-0548-001
0015-0547-002		0015-0548-002



3x4 Teeth

Adson
27 cm/10½"

	Sharp	Blunt
0015-0549-027		0015-0550-027

15

Retractors Retractors

15

5x6 Teeth



Adson

Sharp
0015-0551-027 27cm/10½"

Blunt
0015-0552-027



Beckmann

0015-0553-001 10mm 14cm/5½"
0015-0553-002 12mm 17cm/6¾"
0015-0553-003 15mm 21cm/8¼"

0015-0553-004 20mm
0015-0553-005 30 mm
0015-0553-006 50mm
30 cm/12"



BeckMann

Sharp
0015-0554-031 31cm/12¼"

Blunt
0015-0555-031

15

Retractors Abdominal Retractors

15

Hemilaminectomy Retractor



0015-0604-027
27cm/10½"



Beckmann-Eaton
0015-0605-033
33 cm/13"

Retractor Only 0015-0606-001
Lateral Blades 0015-0606-002

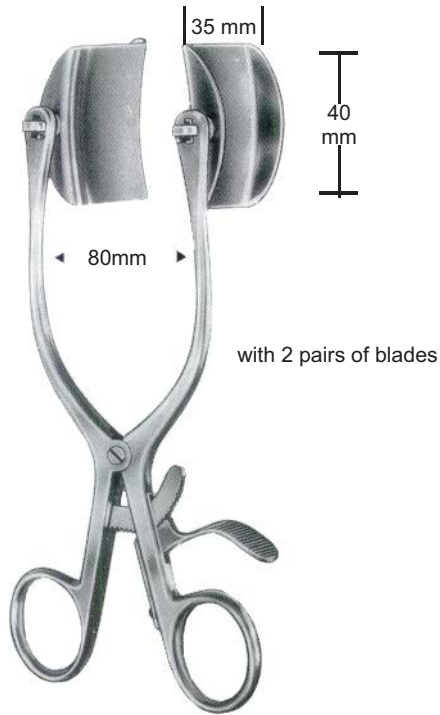


Collin
0015-0606-000
22cm/8¾"

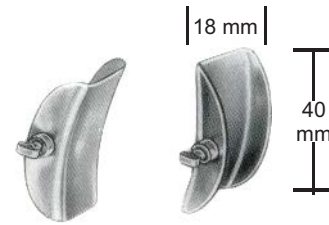
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Retractors Abdominal Retractors

15



Baby-Collin
0015-0600-000
18 cm/7"



0015-0600-001



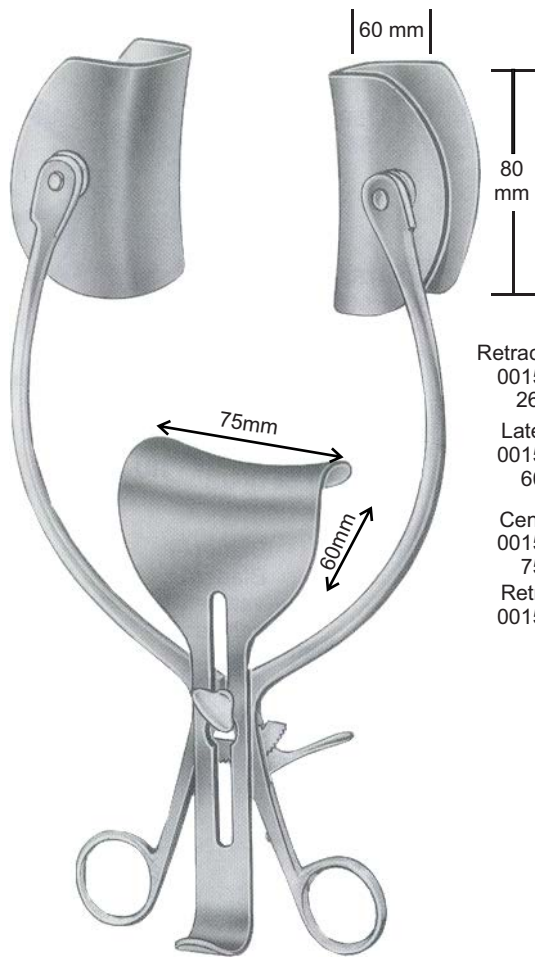
Collin
22 cm/8¾"

	Fig. 1	Fig. 2	Fig. 3
Retractors Complete	0015-0601-000	0015-0602-000	0015-0603-000
Retractors Only	0015-0601-001	0015-0602-001	0015-0603-001
Lateral Blades	0015-0601-002 38x60 mm	0015-0602-002 38x80 mm	0015-0603-002 38x100 mm
Central Blades	0015-0601-003 55x55 mm		0015-0603-003 55x75 mm

15

Retractors Abdominal Retractors

15



Collin
26 cm/10½"

Retractor Complete
0015-0607-000
26cm/10½"
Lateral Blades
0015-0607-001
60X80mm
Central Blades
0015-0607-002
75X60mm
Retractor Only
0015-0607-003



Mayo-Adams
0015-0608-017
17cm/6¾"



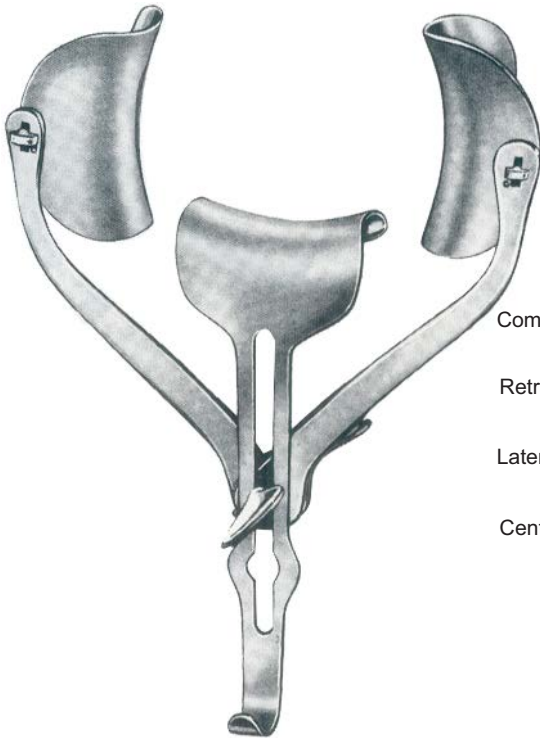
Mayo-Adams
0015-0609-017
17cm/6¾"

15

Retractors

Abdominal and Vulval Retractors

15



Ricard
0015-0610-028 28cm/11"
0015-0610-030 30cm/12"

	Fig. 1 0015-0610-000	Fig. 2 0015-0611-000
Complete		
Retractors Only	0015-0610-001	0015-0611-001
Lateral Blades	0015-0610-002 60x80 mm	0015-0611-002 75x85 mm
Central Only	0015-0610-003 55x70 mm	0015-0611-003 80x90 mm

Vulval Retractor



Richter
0015-0612-016
16.5 cm/6½"



Gelpi
0015-0613-009 9 cm/3½"
0015-0613-011 11 cm/4½"
0015-0613-013 13 cm/5"
0015-0613-018 18 cm/7"



Gelpi
0015-0614-018
18 cm/7"



Meyerdung
Fig. 1 0015-0615-001
Fig. 2 0015-0615-002
Fig. 3 0015-0615-003
Fig. 4 0015-0615-004
18 cm/7"

Blades

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

15

Retractors Abdominal Retractors

15



Markham-Meyerding

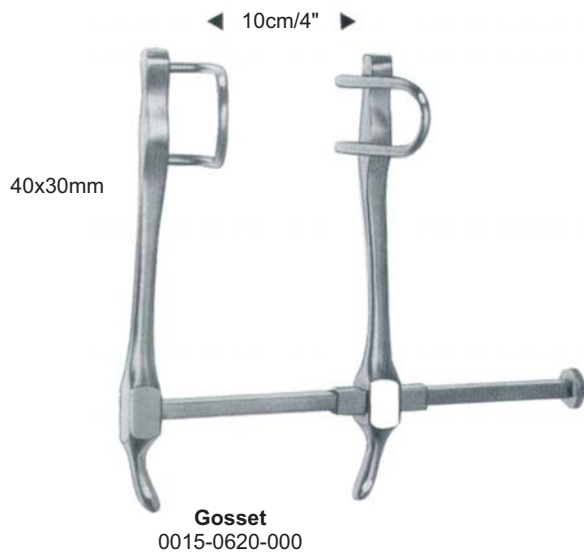
0015-0616-018 18cm/7" 0015-0617-018

Rigby

0015-0618-019
19cm/7½"

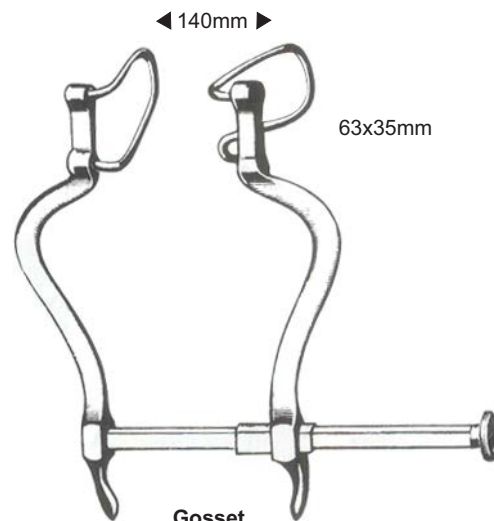
De Bakey

0015-0619-012 12cm/4¾"
0015-0619-017 17cm/6¾"



Gosset

0015-0620-000



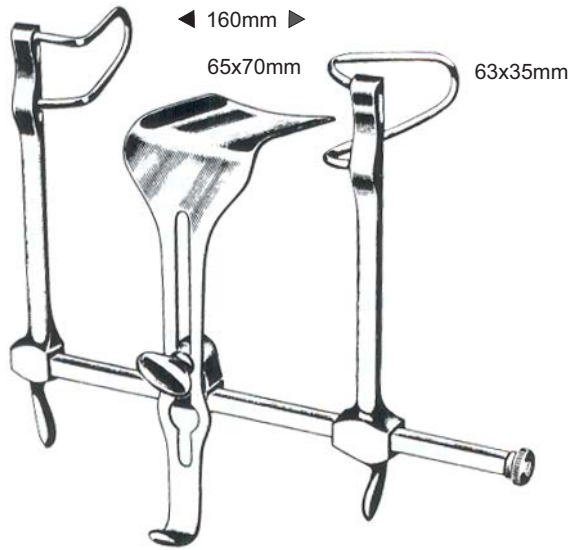
Gosset

0015-0621-000

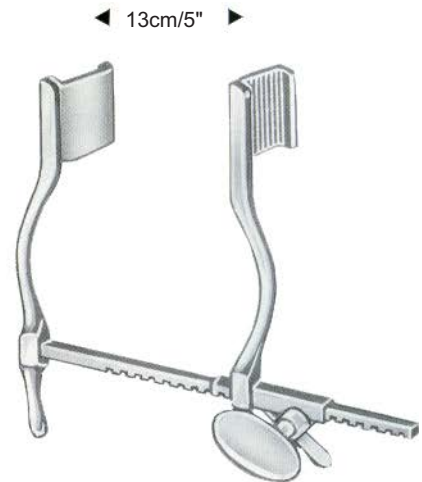
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Retractors Abdominal Retractors

15



Gosset
0015-0622-016



Hertzler
0015-0623-000

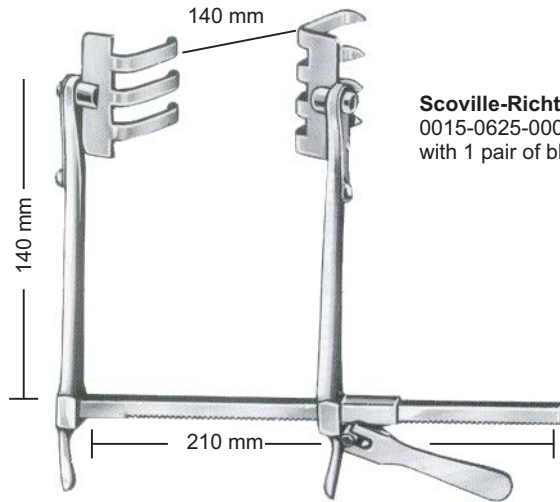


Frazier
0015-0624-000

15

Retractors Retractors

15



Scoville-Richter
0015-0625-000
with 1 pair of blades 0015-0625-001

the blades are available by pairs



0015-0625-001
60x50 mm



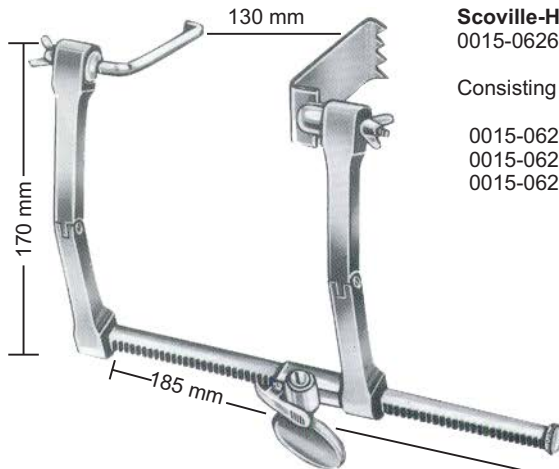
0015-0625-002
48x50 mm



0015-0625-003
28x40 mm



0015-0625-004
38x62 mm



Scoville-Haverfield
0015-0626-000

Consisting of:

0015-0626-001
0015-0626-002
0015-0625-003



Scoville
0015-0627-002
51 mm



Scoville
0015-0627-003 63x25 mm
0015-0627-004 63x51 mm
0015-0627-005 67x32 mm
0015-0627-006 89x25 mm



Taylor
0015-0627-007
48x38 mm

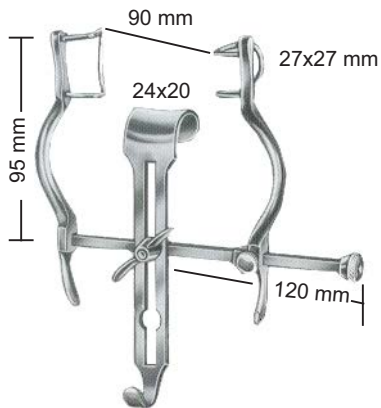


Taylor
0015-0627-008 63x51 mm
0015-0627-009 79x57 mm

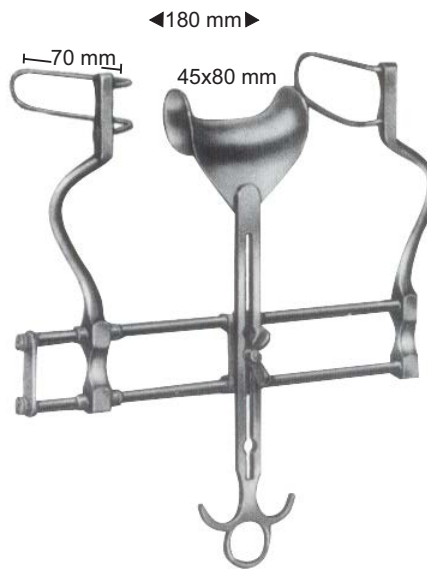
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Retractors Abdominal Retractors

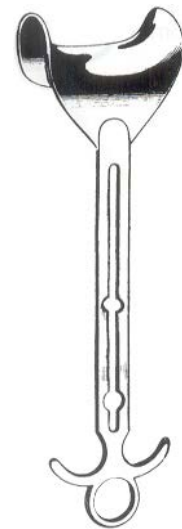
15



Baby-Balfour
Retractor complete 0015-0628-000



Balfour
0015-0629-018



Balfour
0015-0630-001 80x90mm

Retractor only 0015-0628-001

0015-0629-001

Center blade 0015-0628-002
24x20mm

0015-0629-002
45x80mm

15

Retractors Abdominal Retractors

15

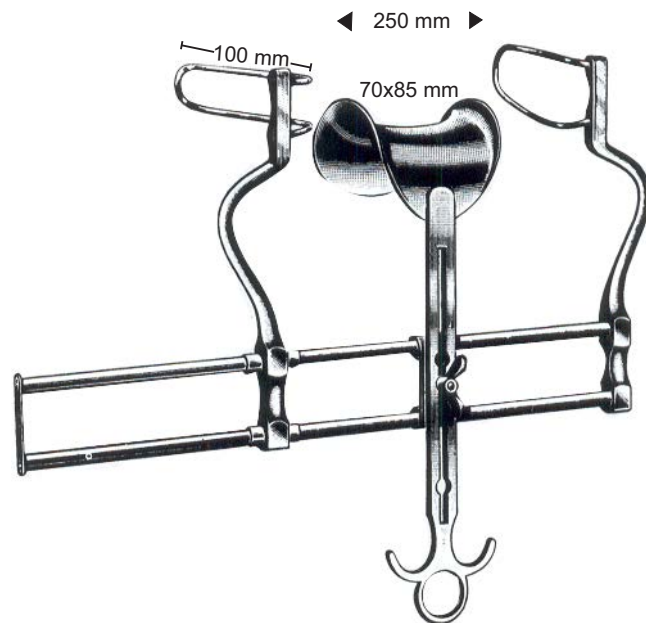


Retractor Complete
0015-0631-018

Retractor Only
0015-0631-001

Central Blade Only
0015-0631-002
45x80mm

Solid blade



Retractor, Complete
0015-0632-025

Retractor Only
0015-0632-001

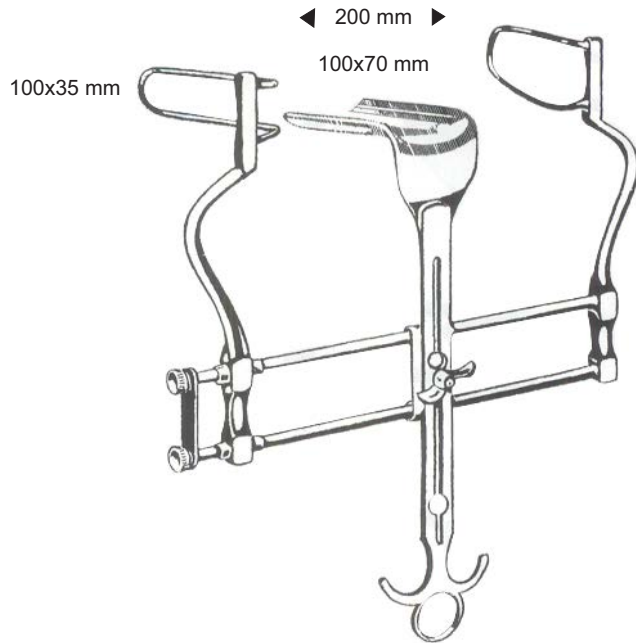
Central Blade Only
0015-0632-002
70x85mm

Balfour
0015-0632-025

15

Retractors Abdominal Retractors

15



Balfour

Retractor Complete
0015-0633-020

Retractor Only
0015-0633-001

Central Blade Only
0015-0633-002
100x70mm



Balfour us-Type
0015-0634-000
Complete



0015-0634-001

Lateral blades, 6cm deep, per pair

0015-0634-002

Lateral blades, 8cm deep, per pair

Center blade only

0015-0634-003

40x68mm

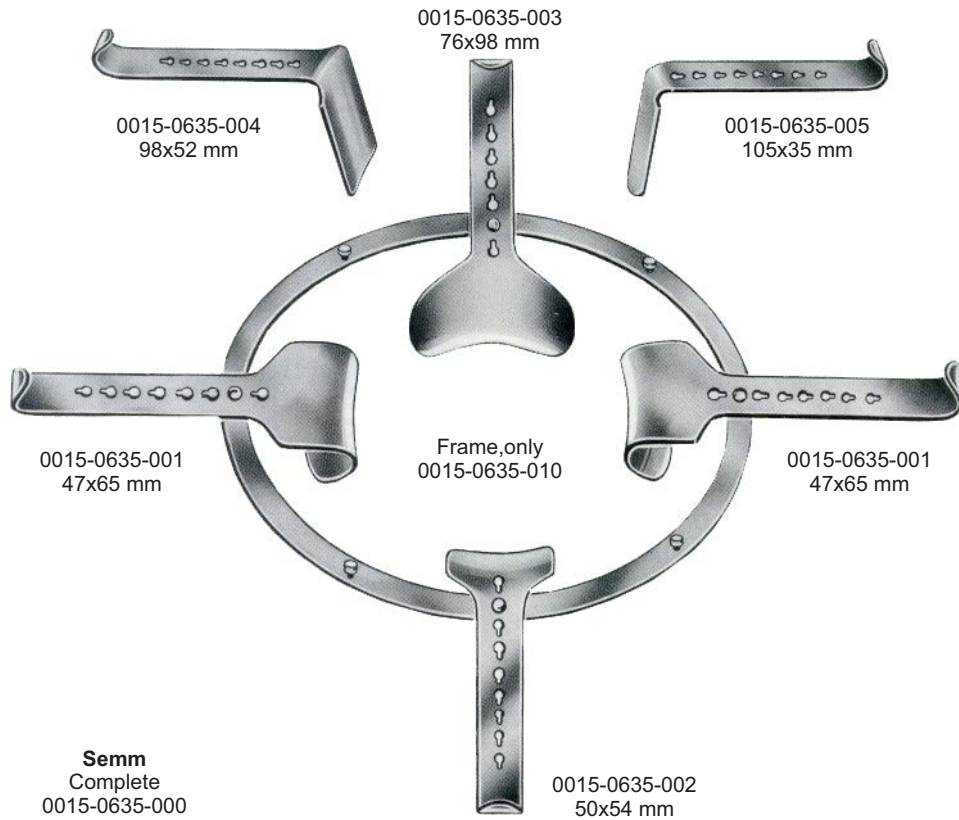
0015-0634-004

68x85mm

15

Retractors Abdominal Retractors

15



Kirschner
Complete
0015-0636-000
1x 0015-0636-010
2x 0015-0636-001
2x 0015-0636-002

40x55 mm 0015-0636-001
50x65 mm 0015-0636-002
65x80 mm 0015-0636-003
80x80 mm 0015-0636-004
90x65 mm 0015-0636-005
90x90 mm 0015-0636-006



Kirschner
Complete
0015-0637-000
1x 0015-0637-010
2x 0015-0637-001
2x 0015-0637-002

15

Retractors Abdominal Retractors

15



Frame

0015-0638-010 178x140 mm
0015-0639-020 255x178 mm

Fig.1 0015-0638-001 38x38 mm
Fig.2 0015-0638-002 38x25 mm



Complete
0015-0638-000
0015-0639-000

Denis-Brown
Consisting of

1x 0015-0638-010
1x 0015-0639-020

2x 0015-0638-001
2x 0015-0639-001

2x 0015-0638-002
2x 0015-0639-002



110x70 mm

O'Sullivan-O'Connor
Complete
0015-0640-000



0015-0640-001
80x45 mm

0015-0640-002
80x45 mm

0015-0640-003
110x70 mm

15

Retractors Abdominal Retractors

15



Doyen

0015-0641-001 48x90mm
0015-0641-002 48x105mm
0015-0641-003 48x120mm
0015-0641-004 48x135 mm



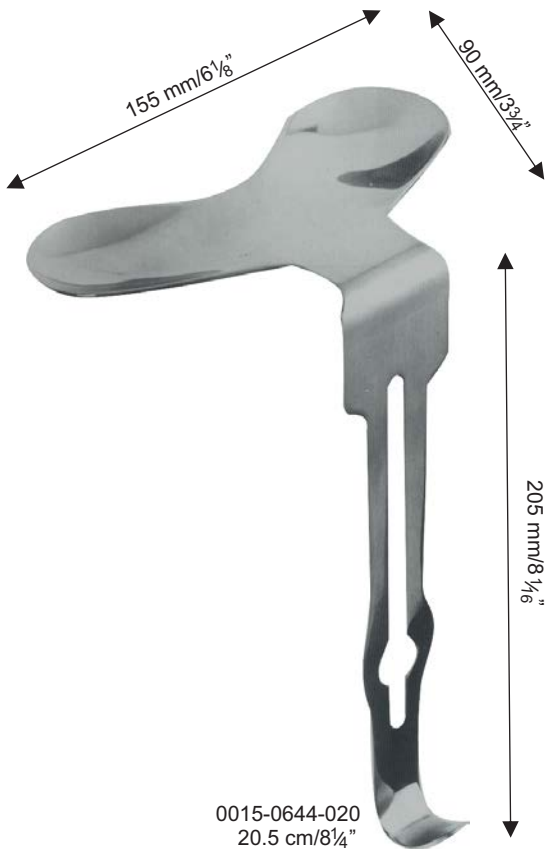
Rochard

0015-0642-001 40x80mm
0015-0642-002 50x100mm
0015-0642-003 55x120mm



Doyen-Rochard

0015-0643-001 45x80mm
0015-0643-002 50x100mm
0015-0643-003 65x120mm



0015-0644-020
20.5 cm/8 1/4"

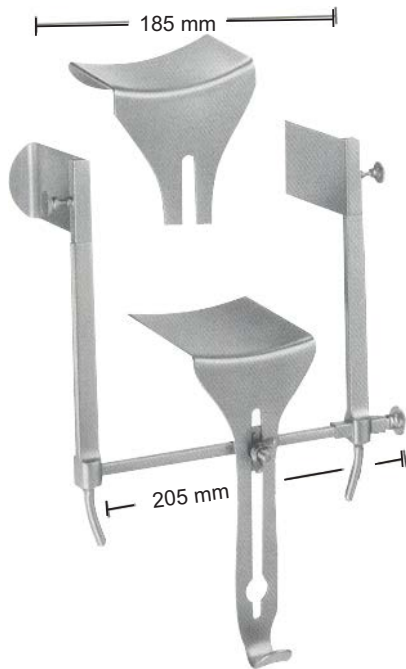


0015-0645-019
19 cm/7 1/2"

15

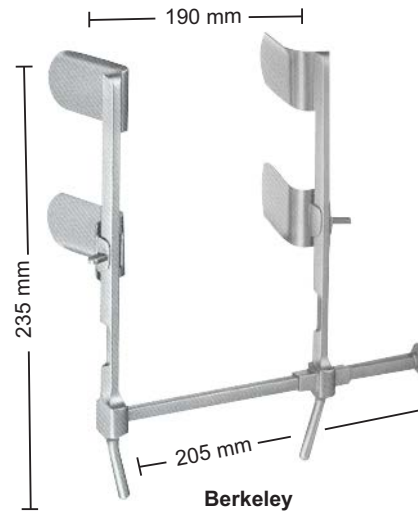
Retractors Abdominal Retractors

15



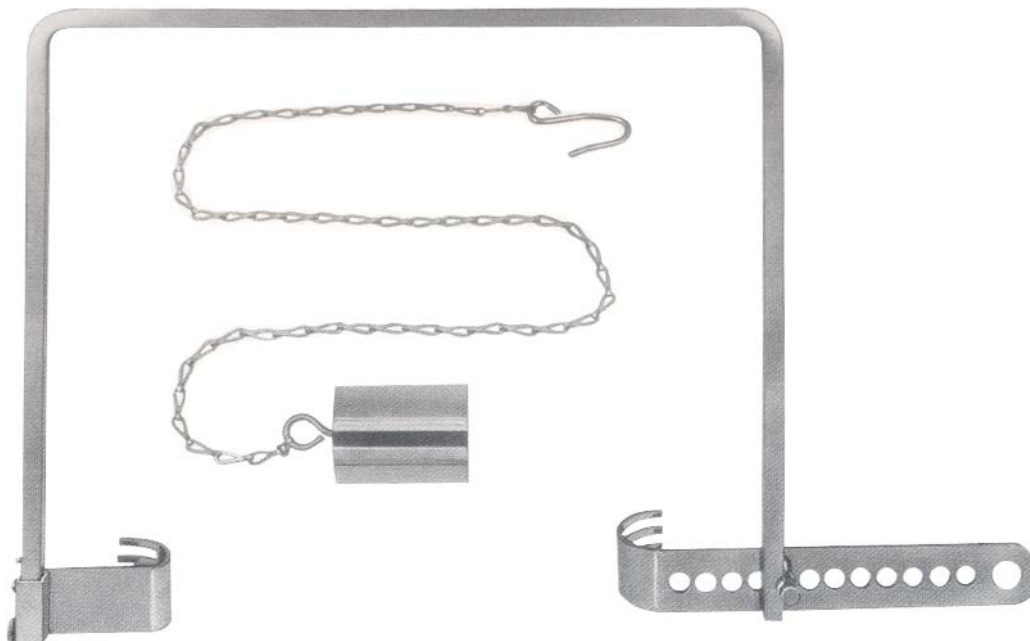
Goliger

Goliger complete
0015-0646-000
Retractor only
0015-0646-001
Lateral blades
0015-0646-002
5cm x 3cm
0015-0646-003
9cm x 5cm
Central blade
0015-0646-004
5cm x 9cm
0015-0646-005
9cm x 9cm



Berkeley

Berkeley complete
0015-0647-000
Retractor only
0015-0647-001
Lateral blades
0015-0647-002
35mm x 60mm



Charnley
0015-0648-000

15

Retractors Abdominal Retractors

15

0015-0649-001 38x60 mm
0015-0649-002 45x80 mm



Foldable Frame
0015-0649-010

0015-0649-003 50x65 mm
0015-0649-004 60x85 mm

Franz

Complete with 4 valves
0015-0649-040

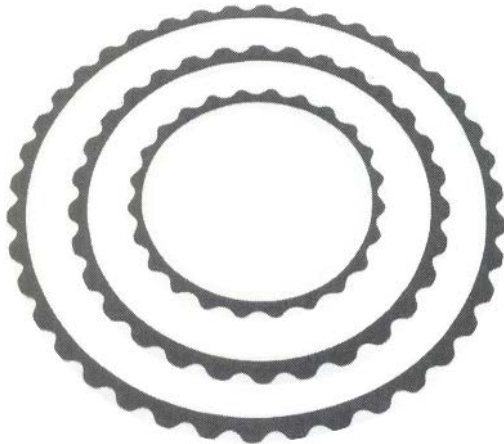
With
con

0015-0649-010 1x
0015-0649-001 2x
0015-0649-003 2x

Complete with 8 valves
0015-0649-080

With
con

0015-0649-010 1x
0015-0649-001 2x
0015-0649-002 2x
0015-0649-003 2x
0015-0649-004 2x

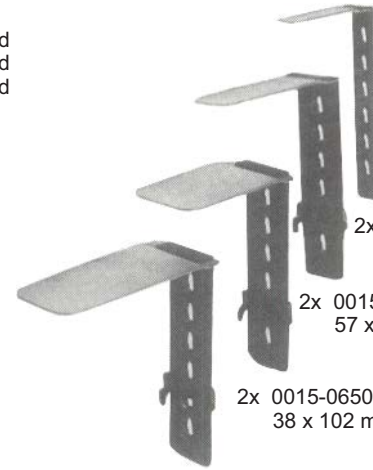


0015-0650-000 Complete Set

Turner Warwick

1x 0015-0650-018 18cm/7" Round
1x 0015-0650-023 23cm/9" Round
1x 0015-0650-030 30cm/12" Round
1x 0015-0650-045 45cm/18" Oval
33cm/13"

Copper Blade



2x 0015-0650-001
19 x 76 mm

2x 0015-0650-002
57 x 89 mm

2x 0015-0650-003
38 x 102 mm

2x 0015-0650-004
57 x 114 mm



2x 0015-0650-005
76 x 60 mm

2x 0015-0650-006
51 x 38 mm



2x 0015-0650-007
89 x 60 mm

2x 0015-0650-008
114 x 60 mm



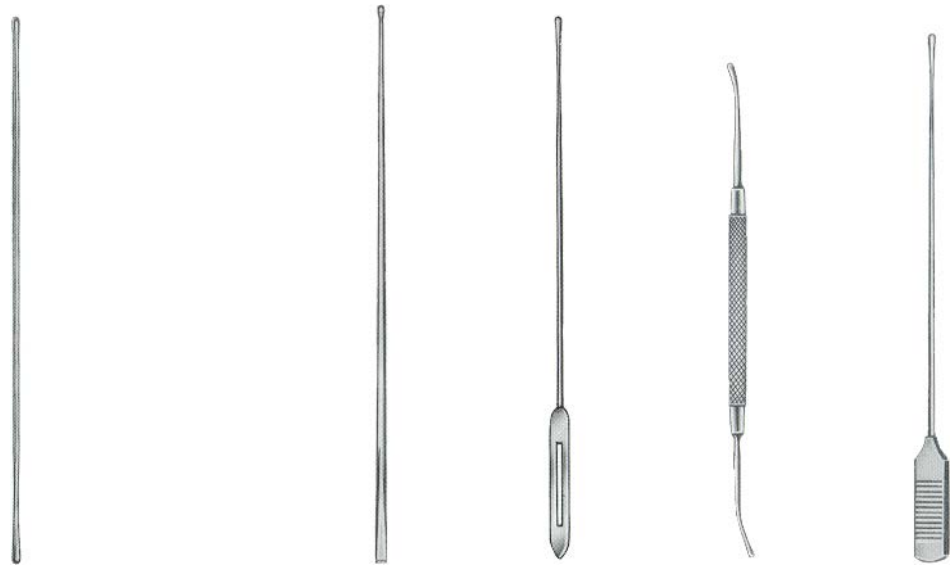
2x 0015-0650-009
13 mm Deep

16

Probes - Applicators

Probes

16



cm	In	1.0 mm Ø	1.5 mmØ	2.0 mmØ	2.0 mmØ	Watson-Cheyne	Fish
11.5	4 1/2"	0016-0102-011	0016-0103-011	0016-0100-011		0016-0105-011	
13	5"	0016-0102-013	0016-0103-013	0016-0100-013		0016-0105-013	0016-0106-013
14.5	5 3/4"	0016-0102-014	0016-0103-014	0016-0100-014	0016-0104-014	0016-0105-014	0016-0107-014
16	6 1/4"	0016-0102-016	0016-0103-016	0016-0100-016	0016-0104-016	0016-0105-016	
18	7"	0016-0102-018	0016-0103-018	0016-0100-018		0016-0105-018	0016-0106-018
20	8"	0016-0102-020	0016-0103-020	0016-0100-020		0016-0105-020	0016-0107-018
25	10"	0016-0102-025	0016-0103-025	0016-0100-025			



cm	In	1.0 mm Ø	Stacke	1.0 mm Ø	Brodie
10.5	4 1/4"				
11.5	4 1/2"	0016-0160-011		0016-0130-010	
13	5"	0016-0160-013			
14.5	5 3/4"	0016-0160-014	0016-0175-014	0016-0170-013	0016-0171-013
16	6 1/4"	0016-0160-016		0016-0170-014	0016-0171-014
18	7"	0016-0160-018		0016-0170-016	0016-0171-016
20	8"	0016-0160-020		0016-0170-018	0016-0185-016
					0016-0172-016
					0016-0171-020

16

Probes - Applicators

Probes, Plaster Spatulas, Cotton Applicators
and Fistula Probes

16

Of tin

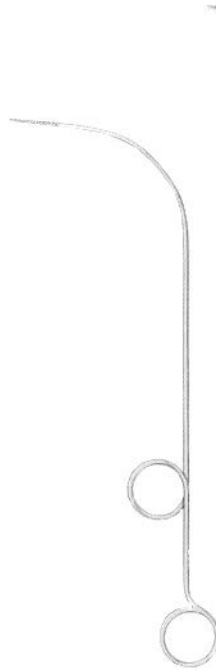


0016-0300-025 25 cm/10"
0016-0300-030 30 cm/12"
0016-0300-040 40 cm/15¾"

Plaster spatulas



0016-0301-013 13 cm/5"
0016-0301-014 14 cm/5½"



Pelteson
0016-0302-023
23 cm/9"



Fein
0016-0303-028
28 cm/11"



Buie
0016-0304-016
16 cm/6¼"

Fistula probes



Lockhart-Mummary
16.5 cm/6½"



Fig. 1
0016-0186-016



Fig. 2
0016-0187-016



Fig. 3
0016-0189-016



Fig. 4
0016-0191-016



Pratt
21 cm/8¼"



0016-0305-001



0016-0305-002



0016-0305-003

16

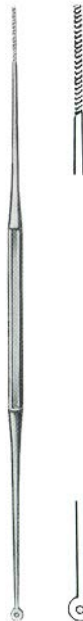
Probes - Applicators
Cotton Applicators

16



Universal

cm	in	1.2 mm $\varnothing$	1.5 mm $\varnothing$	1.7 mm $\varnothing$
12.5	5"	0016-0306-012		
16	6 1/4"	0016-0306-016		
18	7"	0016-0306-018	0016-0307-018	0016-0308-018



Uckermann
0016-0309-016
16 cm/6 1/4"



Jobson-Horne
0016-0310-013 13 cm/5"
0016-0310-018 18 cm/7"



Round Triangular

Farrell
(Farrell-Lathbury)

cm	in		●	▲
12	4 3/4"			
14	5 1/2"	0.9 mm $\varnothing$	0016-0311-014	0016-0312-014
16	6 1/4"	1.1 mm $\varnothing$	0016-0311-016	0016-0312-016
18	7"			



Round Triangular

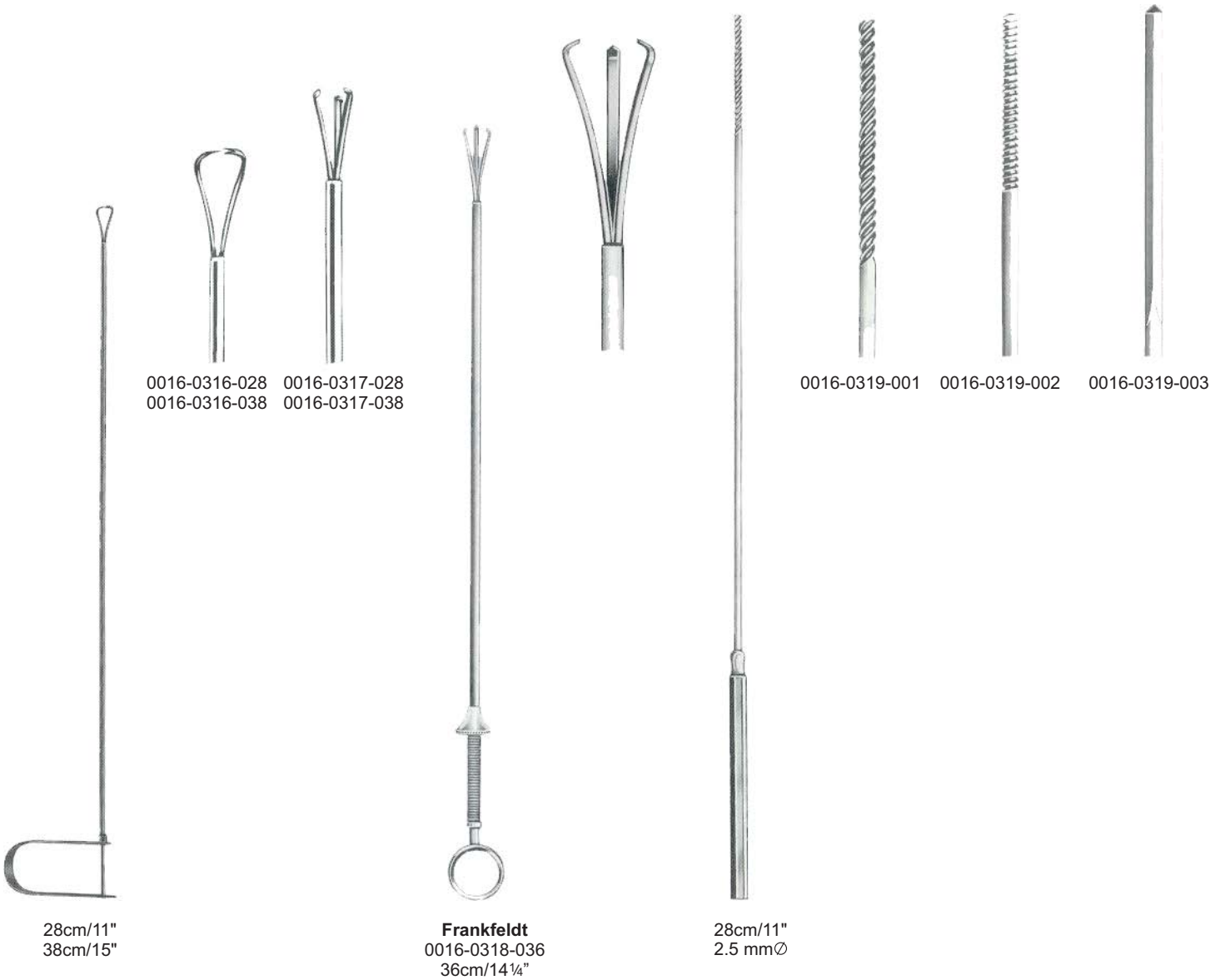
●	●	▲
1.2 mm $\varnothing$	1.5 mm $\varnothing$	1.5 mm $\varnothing$
0016-0313-012	0016-0314-012	0016-0315-012
0016-0313-014	0016-0314-014	0016-0315-014
0016-0313-016	0016-0314-016	0016-0315-016
0016-0313-018	0016-0314-018	0016-0315-018

16

Probes - Applicators

Cotton Applicators

16



16

Probes - Applicators

Varicose Vein Probe Set and Vein Strippers

16



Nabatoff
0016-0320-000
135x100x25 mm

Sterilizable

0016-0320-001

0016-0320-002



0016-0320-020



0016-0320-003
3 mm Ø



0016-0320-006
6 mm Ø



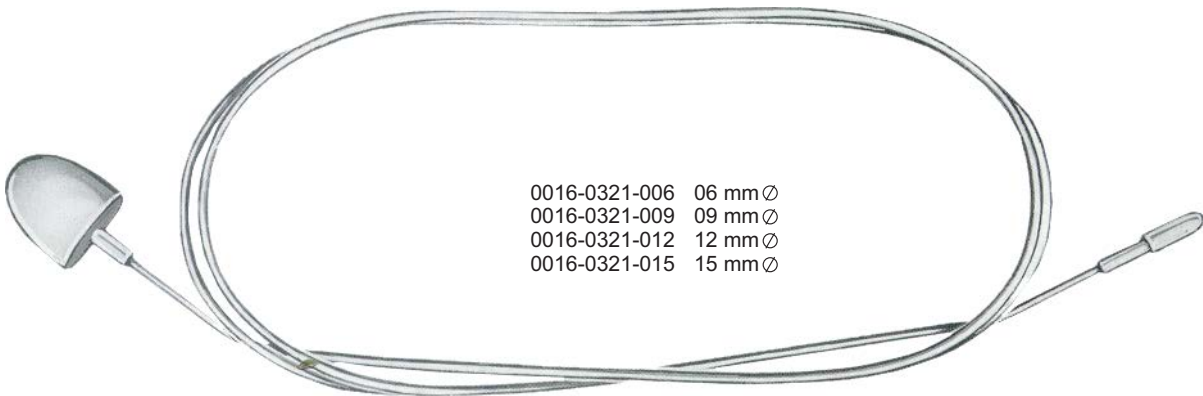
0016-0320-009
9 mm Ø



0016-0320-012
12 mm Ø



0016-0320-015
15 mm Ø



0016-0321-006 06 mm Ø
0016-0321-009 09 mm Ø
0016-0321-012 12 mm Ø
0016-0321-015 15 mm Ø

Myers

16

Probes - Applicators Endarterectomy

16

Strippers



55cm/21½"

	mm Ø
0016-0322-002	2.0
0016-0322-003	3.0
0016-0322-004	4.0
0016-0322-006	6.0
0016-0322-007	7.0
0016-0322-008	8.5
0016-0322-010	10.0
0016-0322-012	12.0
0016-0322-014	14.0



Handle for
0016-0322-000

Probes for Varicose Veins



Malleable

cm	in	
40	13½"	0016-0323-040
50	20"	0016-0323-050
65	26"	0016-0323-065
80	32"	0016-0323-080

Babcock

Vessel Irrigating Cannulas



Schimid



0016-0324-003 3 mm Ø



0016-0324-004 4 mm Ø



0016-0324-005 5mmØ



0016-0324-006 6mmØ

Spatulas



3 mm
Blunt

0016-0325-018 18.0 cm/7"
0016-0325-021 21.5 cm/8½"



Schmid



0016-0326-014
14 cm/5½"
5 mm



0016-0326-024
24 cm/9½"
7 mm

17

Diagnostic Instruments

Sensibility Instruments

17



Aly
0017-0001-017
17cm/6¾"



Wartenberg
0017-0002-019
19cm/7½"



Weber
0017-0003-009
9cm/3½"



wood

Pinard
0017-0004-018
18cm/7"



aluminium

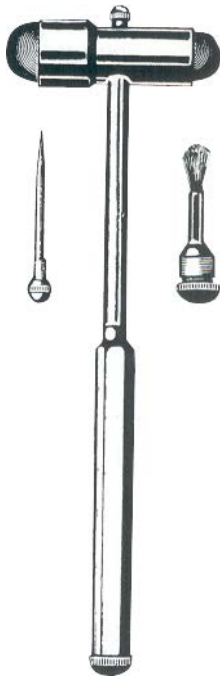
Pinard
0017-0005-015
15cm/6"

17

Diagnostic Instruments

Percussion Hammers

17



Buck
0017-0006-018
18cm/7"



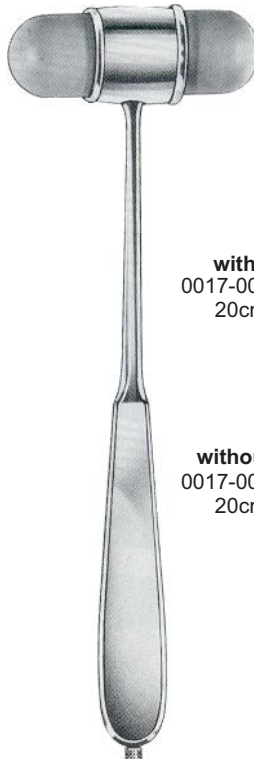
Buck
0017-0007-018
18cm/7"



Troemner
0017-0008-024
24cm/9½"



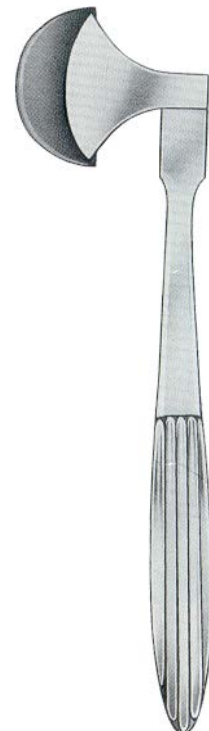
Taylor
0017-0009-016 16cm/6"
0017-0009-018 18cm/7"
0017-0009-020 20cm/8"



with pin
0017-0010-020
20cm/8"

without pin
0017-0011-020
20cm/8"

Dejerine
20cm/8"



Berliner
0017-0012-020
20cm/8"

17

Diagnostic Instruments

Percussion Hammers

17



Traube
0017-0013-020
16 cm/6¼"



Babinsky
0017-0014-023 23 cm/8¾"
0017-0014-025 25 cm/10"



Rabiner
0017-0015-023
23 cm/9"

17

Diagnostic Instruments

Dynamometers, Goniometers and Calipers

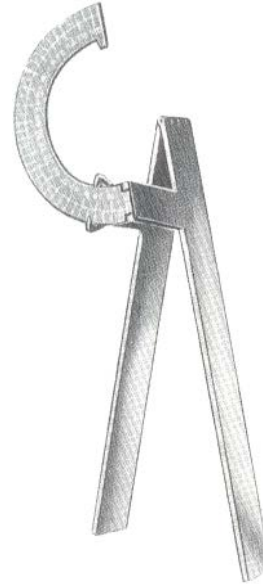
17



Collin

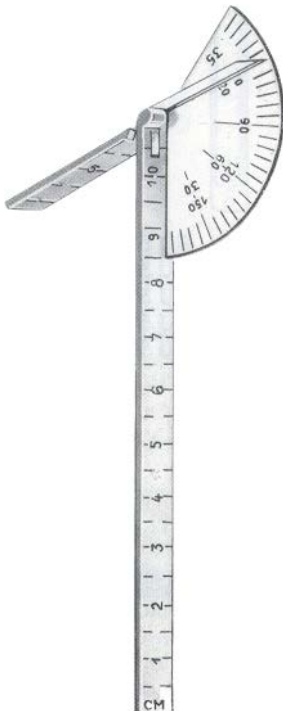
for children for adults
0017-0016-001 0017-0016-002

Goniometer



Moltgen

0017-0017-000



Caroll

0017-0018-014
14cm/5½"



Bertillon

0017-0019-032
32cm/12¾"



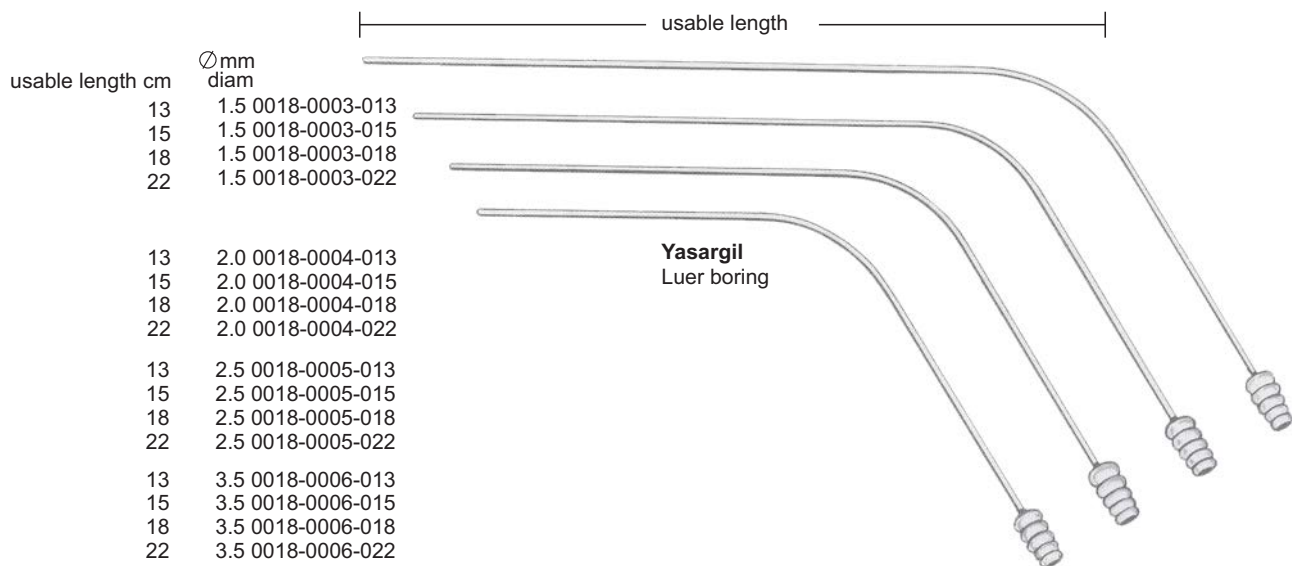
0017-0020-015 15cm/6 "
0017-0020-030 30cm/12"

18

Trocars - Suction Tubes - cannulas

Suction Tubes

18



- 1.7 0018-0007-017
- 2.5 0018-0007-025
- 3.5 0018-0007-035

Yasargil

18

Trocars - Suction Tubes - cannulas

Suction Tubes

18

Brain Suction Tubes



Ø **Frazier**
2.0 mm 0018-0008-020
2.5 mm 0018-0008-025
3.0 mm 0018-0008-030
13cm/5"

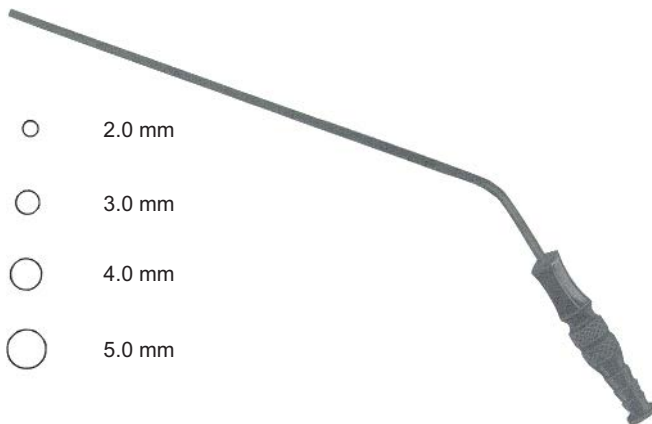


Ø **Plester**
1.5 mm 0018-0009-015
2.0 mm 0018-0009-020
2.5 mm 0018-0009-025
3.0 mm 0018-0009-030
19.5cm/7¾"



Adson
Ø4 mm

Adson
0018-0010-004
21 cm/8 1/4"



○ 2.0 mm
○ 3.0 mm
○ 4.0 mm
○ 5.0 mm

Ø malleable, black
2 mm 0018-0011-002
3 mm 0018-0011-003
4 mm 0018-0011-004
5 mm 0018-0011-005
19.5cm/7¾"

18

Trocars - Suction Tubes - cannulas

Suction Tubes

18



Yankauer
0018-0012-027
27cm/10 1/2"



Yankauer
0018-0013-027
27cm/10 1/2"



Yankauer
0018-0014-001



Fig. 0
0018-0015-010



Fig. 1
0018-0015-011



Fig. 2
0018-0015-012



Fig. 3
0018-0015-013

0018-0015-050 SET



Nuboer
0018-0016-001
21cm/8 1/4"



Nuboer
0018-0016-002
21cm/8 1/4"



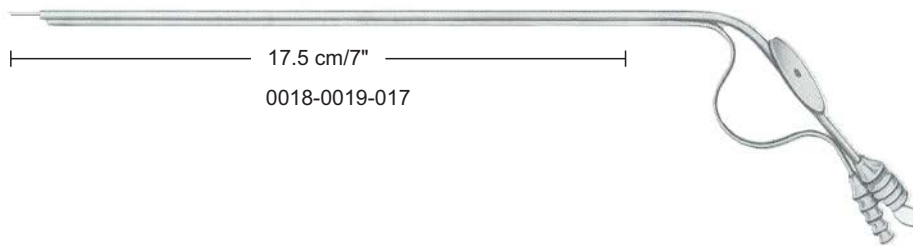
Andrew-Pynchon
0018-0017-023
23 cm/9"

18

Trocars - Suction Tubes - cannulas

Suction Tubes

18



Ø 6 mm



Baby-Poole
0018-0020-020
20cm/8"

Ø10 mm



Poole
0018-0021-022
22cm/8¾"

Ø 8 mm



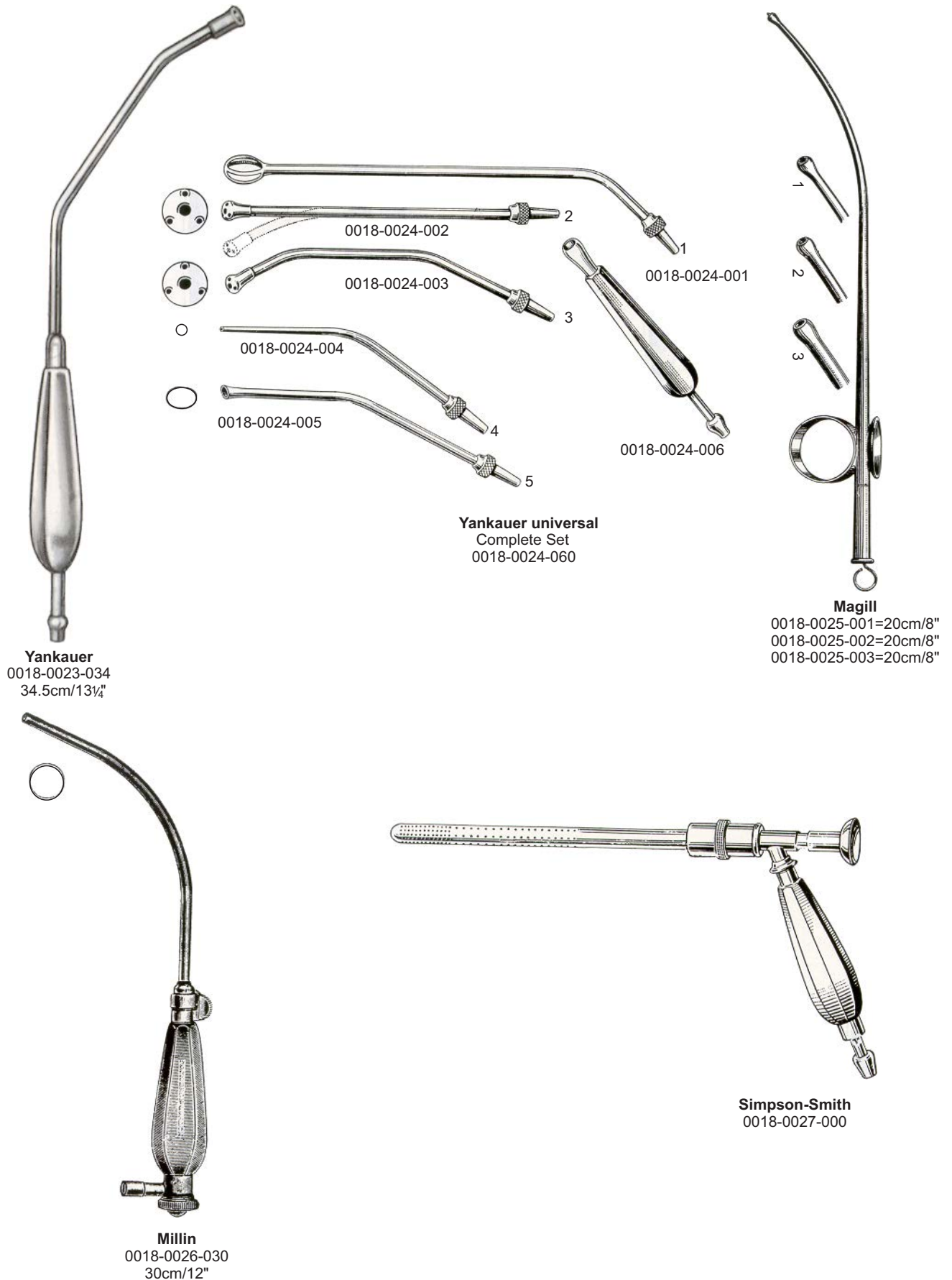
Poole
0018-0022-022
22cm/8¾"

18

Trocars - Suction Tubes - cannulas

Suction Tubes

18



18

Trocars - Suction Tubes - cannulas

Trocars

18



Standard (Nelson)

Ømm	11cm/4 1/2"
3.0	0018-0028-030
3.5	0018-0028-035
4.0	0018-0028-040
4.5	0018-0028-045
5.0	0018-0028-050
5.5	0018-0028-055
6.0	0018-0028-060



Standard (Nelson)

Ømm	12cm/4 3/4"
3.0	0018-0029-030
3.5	0018-0029-035
4.0	0018-0029-040
4.5	0018-0029-045
5.0	0018-0029-050
5.5	0018-0029-055
6.0	0018-0029-060

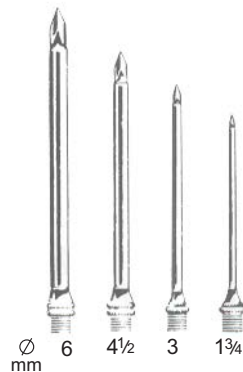


Standard (Nelson)

Ømm	12cm/4 3/4"
3.0	0018-0030-030
3.5	0018-0030-035
4.0	0018-0030-040
4.5	0018-0030-045
5.0	0018-0030-050
5.5	0018-0030-055
6.0	0018-0030-060



0018-0031-003 =3 Set of 3
0018-0031-004 =4 Set of 4



Ø mm 6 4 1/2 3 1 3/4



Universal

0018-0032-003 =3 Set of 3
0018-0032-004 =4 Set of 4

18

Trocars - Suction Tubes - cannulas

Trocars

18

Ø 2 mm



Landau
0018-0033-016
16cm/6¼"

Ø 2 mm



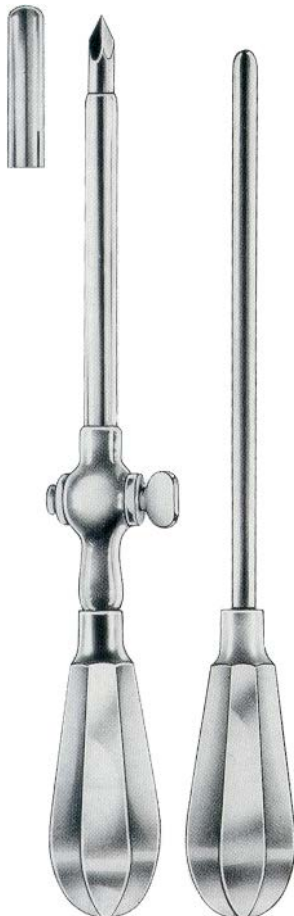
Landau
0018-0034-019
19cm/7½"

Ø 13.5mm



Pean
0018-0035-016
16cm/6¼"

Ø 8 mm



Buelau
0018-0036-024
24cm/9½"

18

Trocars - Suction Tubes - cannulas

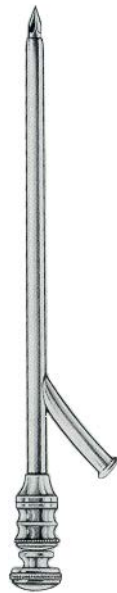
Trocars

18



Nelson

Ø mm	21cm/8¼"
7.5	0018-0037-007
9.0	0018-0037-009
10.5	0018-0037-010
12.0	0018-0037-012



Ochsner

Ø mm	14.5cm/5½"
4.0	0018-0038-040
4.6	0018-0038-046
5.5	0018-0038-055
6.5	0018-0038-065

Ø5.5 mm



Krause
0018-0039-015
15cm/6"



Ø2.25 mm



Coakley
0018-0040-016
16cm/6¼"

Ø1.8 mm



Lichtwitz
0018-0041-019
19cm/7½"

Ø3 mm



Douglas
0018-0042-011
11.5 cm/4½"



0018-0043-011
11.5 cm/4½"



Pierce

Ø mm	
3.0	0018-0044-003
4.0	0018-0044-004
5.0	0018-0044-005



Magill

0019-0001-017	17 cm/6¾"	Infant
0019-0001-020	20 cm/8"	Child
0019-0001-025	25 cm/10"	Adult

19

Anaesthesia Instruments

Laryngoscopes

19



McIntosh
0019-0002-030
0019-0002-040

0019-0002-030
Laryngoscope Set
Consisting of:
0019-0002-000 Battery Handle (without batteries)
0019-0002-011 McIntosh blade, Fig 1
0019-0002-012 ditto, Fig 2
0019-0002-013 ditto, Fig 3

0019-0002-040
Laryngoscope Set
Consisting of:
0019-0002-000 Battery Handle (without batteries)
0019-0002-011 McIntosh blade, Fig 1
0019-0002-012 McIntosh blade, Fig 2
0019-0002-013 McIntosh blade, Fig 3
0019-0002-014 McIntosh blade, Fig 4



0019-0002-010



0019-0002-011



0019-0002-012



0019-0002-013



0019-0002-014

McIntosh Laryngoscope Blades
0019-0002-010 Fig 0
0019-0002-011 Fig 1
0019-0002-012 Fig 2
0019-0002-013 Fig 3
0019-0002-014 Fig 4

19

Anaesthesia Instruments

Laryngoscopes

19



Foregger Wisconsin
0019-0003-030
0019-0003-040

0019-0003-030
Laryngoscope Set
Consisting of:
0019-0003-000 Battery Handle (without batteries)
0019-0003-012 Fig 2
0019-0003-013 Fig 3
0019-0003-014 Fig 4



0019-0003-011

0019-0003-040
Laryngoscope Set
Consisting of:
0019-0003-000 Battery Handle (without batteries)
0019-0003-011 Foregger Blade, Fig 1
0019-0003-012 Foregger Blade, Fig 2
0019-0003-013 Foregger Blade, Fig 3
0019-0003-014 Foregger Blade, Fig 4



0019-0003-012

Foregger # Laryngoscope Blades
0019-0003-011 Fig 1
0019-0003-012 Fig 2
0019-0003-013 Fig 3
0019-0003-014 Fig 4



0019-0003-013



0019-0003-014

19

Anaesthesia Instruments

Laryngoscopes

19



Miller
0019-0004-030
0019-0004-040

0019-0004-030
Laryngoscope Set
Consisting of:
0019-0004-000 Battery Handle (without batteries)
0019-0004-012 Foregger Blade, Fig 2
0019-0004-013 ditto, Fig 3
0019-0004-014 ditto, Fig 4

0019-0004-040
Laryngoscope Set
Consisting of:
0019-0004-000 Battery Handle (Without batteries)
0019-0004-011 Miller Blade, Fig 1
0019-0004-012 Miller Blade, Fig 2
0019-0004-013 Miller Blade, Fig 3
0019-0004-014 Miller Blade, Fig 4



0019-0004-010



0019-0004-011



0019-0004-012



0019-0004-013



0019-0004-014

Miller Laryngoscope Blade,
0019-0004-010 Fig 0
0019-0004-011 Fig 1
0019-0004-012 Fig 2
0019-0004-013 Fig 3
0019-0004-014 Fig 4

19

Anaesthesia Instruments

Laryngoscopes

19



0019-0005-010

0019-0005-011

0019-0005-020
Laryngoscope Set, Baby and Infant,
consisting of :
0019-0005-000 Battery Handle (without battery)
0019-0005-010 Miller-baby blade, Fig 0
0019-0005-011 ditto, Fig 1

Miller-Baby
0019-0005-020



32 mm dia
0019-0006-000



28 mm dia
0019-0007-000



18 mm dia
0019-0008-000

20

Needle Holder - Needles

Micro Needle Holders

20



Castroviejo
14cm/5 1/2"



Straight
0020-0308-014



Curved
0020-0309-014



Castroviejo



Straight
0020-0311-014
0020-0311-018



Curved
0020-0312-014
0020-0312-018



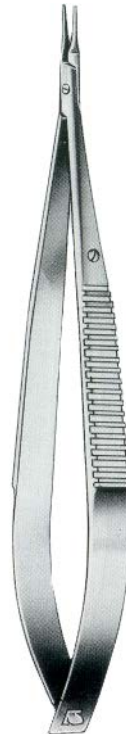
Castroviejo
9cm/3 1/2"



Straight
0020-0318-009



Curved
0020-0319-009



Castroviejo
14cm/5 1/2"



Straight
0020-0320-014



Curved
0020-0321-014

20

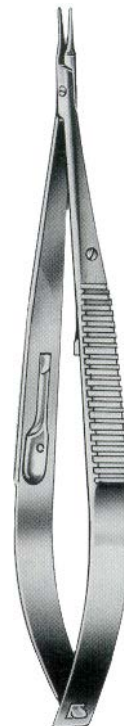
Needle Holder - Needles

Micro Needle Holders

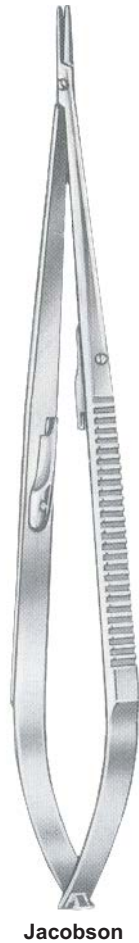
20



Castroviejo
9 cm/3 1/2"



Castroviejo
14 cm/5 1/2"



cm	in	Without ratchet	With ratchet
18	7"	0020-0102-018	0020-0103-018
21	8 1/4"	0020-0102-021	0020-0103-021

20

Needle Holder - Needles

Micro Needle Holders

20



0020-0104-020 20.0 cm/8"
0020-0104-022 22.5 cm/9"



0020-0105-016 16.5 cm/6½"
0020-0105-020 20.0 cm/9"
0020-0105-022 22.5 cm/9"
0020-0105-024 24.5 cm/9¾"



0020-0106-016 16.0 cm/6¼"
0020-0106-018 18.5 cm/7¼"



0020-0107-016 16.0 cm/6¼"
0020-0107-018 18.5 cm/7¼"

Yasargil

20

Needle Holder - Needles

Micro Needle Holders

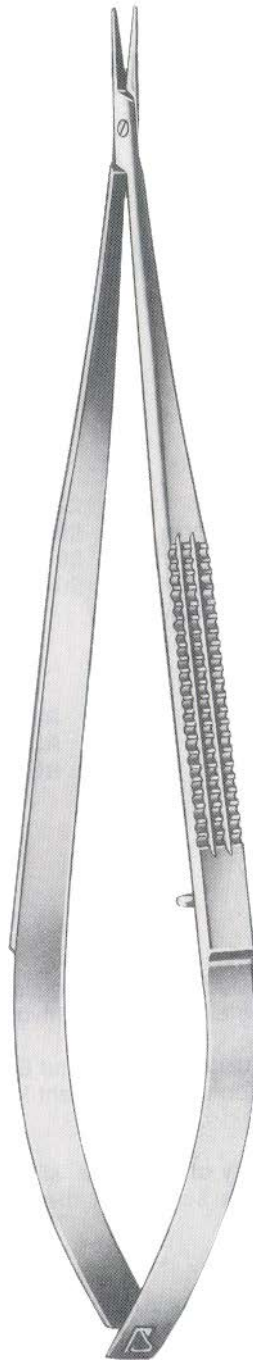
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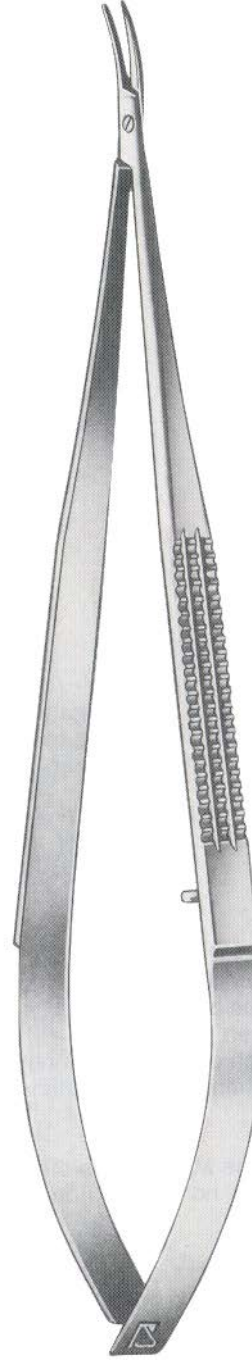
Straight
0020-0108-015
15 cm/6"



Curved
0020-0109-015
15 cm/6"



Straight
0020-0110-018
18 cm/7"



Curved
0020-0111-018
18 cm/7"



Straight
0020-0112-018
18 cm/7"

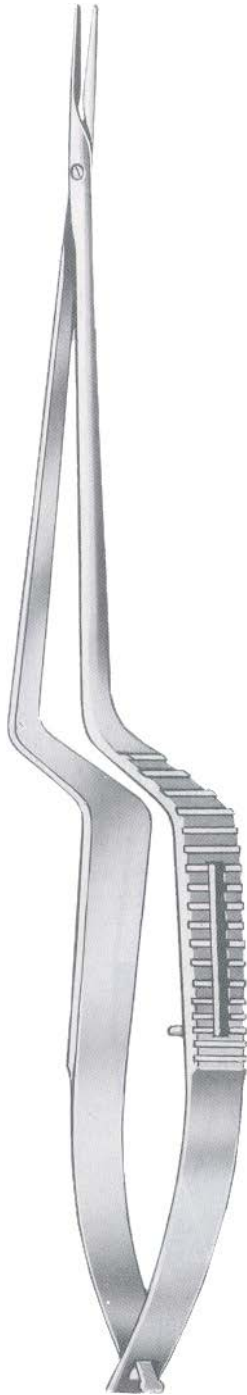
20

Needle Holder - Needles

Micro Needle Holders

20

Straight



0020-0113-018
0020-0113-022

Curved



0020-0114-018
0020-0114-022

Yasargil
18.0 cm/7"
22.5 cm/8¾"

20

Needle Holder - Needles
Micro Needle Holder

20



Straight
0020-0115-015
15 cm/6"



Curved
0020-0116-015
15 cm/6"



Straight
0020-0117-015
15 cm/6"



Curved
0020-0118-015
15 cm/6"

20

Needle Holder - Needles

Micro Needle Holders

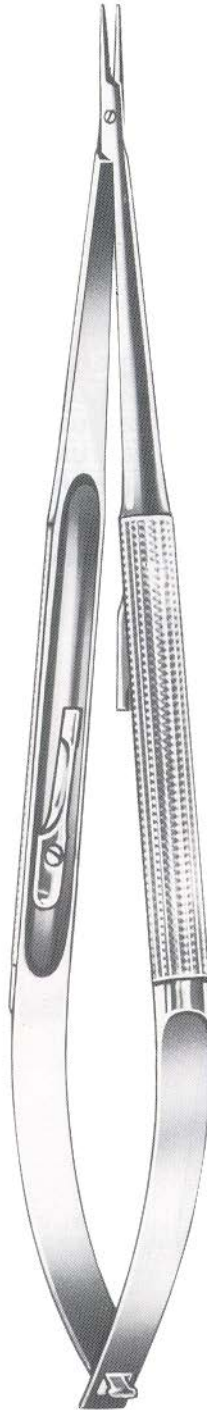
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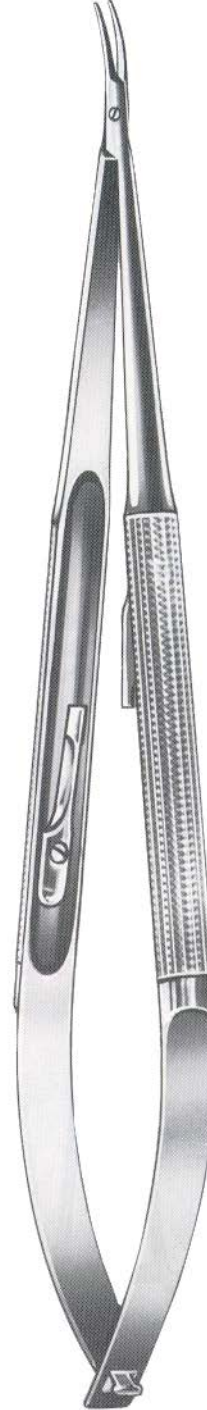
Straight
0020-0119-018
18.5 cm/7¼"



Curved
0020-0120-018
18.5 cm/7¼"



Straight
0020-0121-018
18.5 cm/7¼"



Curved
0020-0122-018
18.5 cm/7¼"



23 cm/9"

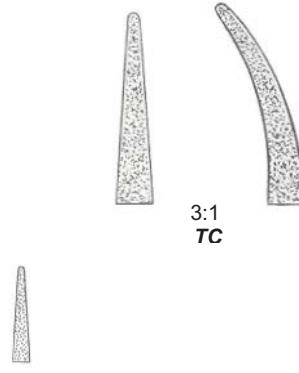


20

Needle Holder - Needles

Micro Needle Holders

20



Straight

3:1
TC

Curved

0020-0125-018 18 cm/7"
0020-0125-021 21 cm/8¼"
0020-0125-023 23 cm/9¼"

With ratchet

0020-0126-018 18 cm/7"
0020-0126-021 21 cm/8¼"
0020-0126-023 23 cm/9¼"

Without ratchet

20

Needle Holder - Needles

Micro Needle Holders

20



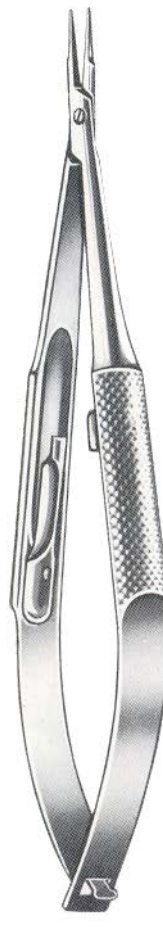
Straight
0020-0127-012
12 cm/4¾"



Curved
0020-0128-012
12 cm/4¾"



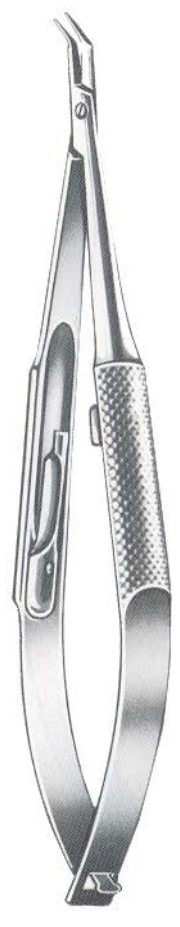
Angled
0020-0129-012
12 cm/4¾"



Straight
0020-0130-012
12 cm/4¾"



Curved
0020-0131-012
12 cm/4¾"



Angled
0020-0132-012
12 cm/4¾"

20

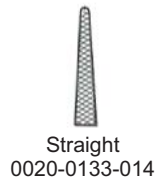
Needle Holder - Needles

Micro Needle Holders

20



Arruga
14 cm/5½"



Stevens
0020-0135-013 13 cm/5"
0020-0135-015 15 cm/6"



Kalt
0020-0136-014
14 cm/5½"



Castroviejo-Kalt
0020-0137-013
13.5 cm/5¼"



Kalt-Arruga
0020-0138-014
14 cm/5½"

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Needle Holder - Needles

Micro Needle Holders

20



Castroviejo
12cm/4 $\frac{3}{4}$ "



Straight
0020-0139-012



Curved
0020-0140-012



Castroviejo
12cm/4 $\frac{3}{4}$ "



Straight
0020-0141-012



Curved
0020-0142-012



Castroviejo
0020-0143-013
13cm/5"



Boynton
0020-0144-012
12cm/4 $\frac{3}{4}$ "



Arruga
16cm/6 $\frac{1}{4}$ "



Straight
0020-0145-016



Curved
0020-0146-016

20

Needle Holder - Needles

Micro Needle Holders with Tungsten Carbide Inserts

20



Castroviejo

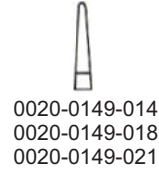
grip

Smooth

14cm/5½"
18cm/7"
21cm/8¼"

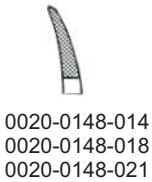


0020-0147-014
0020-0147-018
0020-0147-021

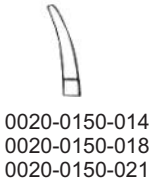


0020-0149-014
0020-0149-018
0020-0149-021

14cm/5½"
18cm/7"
21cm/8¼"



0020-0148-014
0020-0148-018
0020-0148-021



0020-0150-014
0020-0150-018
0020-0150-021



Kalt
14cm/5½"



0020-0151-014



0020-0152-014



Barraquer
0020-0153-014
14cm/5½"



Castroviejo
0020-0154-013
13cm/5"



Hepp-Schiedel
18cm/7"



0020-0155-018



0020-0156-018
Smooth

20

Needle Holder - Needles

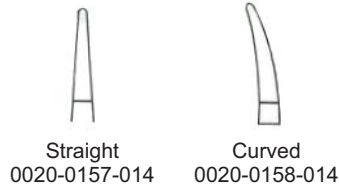
Micro Needle Holders with Tungsten Carbide Inserts

20

grip



Arruga
14cm/5½"



Jacobson
0020-0159-018 18cm/7"
0020-0159-020 20cm/8"
0020-0159-023 23cm/8¾"



Diethrich

Straight		Curved
0020-0160-016	16cm/6¼"	0020-0161-016
0020-0160-018	18cm/7"	0020-0161-018
0020-0160-020	20cm/8"	0020-0161-020
0020-0160-023	23cm/9"	0020-0161-023
0020-0160-025	25cm/10"	0020-0161-025

20

Needle Holder - Needles

Needle Holders

20



0020-0337-013



0020-0336-013

Smooth



Halsey
13cm/5"



Webster
13cm/5"



0020-0334-013

Smooth



Derf
0020-0326-012
12cm/4¾"



Derf
0020-0328-012
12.5cm/5"



Collier
0020-0332-012
12.5cm/5"



Hegar-Baumgartner
0020-0340-014
14cm/5½"



Brown
0020-0344-013 13cm/5"
0020-0344-018 18cm/7"



New Orleans
0020-0345-018
18cm/7"



20

Needle Holder - Needles

Needle Holders

20



Mayo-Hegar

13cm/5"	0020-0390-013	
14cm/5½"	0020-0390-014	
16cm/6¼"	0020-0390-016	0020-0391-016
18cm/7"	0020-0390-018	0020-0391-018
20cm/8"	0020-0390-020	0020-0391-020
24cm/9½"	0020-0390-024	0020-0391-024
26cm/10¼"	0020-0390-026	0020-0391-026
30cm/12"	0020-0390-030	0020-0391-030



Heaney
0020-0403-021
21cm/8¼"

Delicate Pattern



Mayo-Hegar
0020-0396-016 16cm/6¼"
0020-0396-018 18cm/7"
0020-0396-020 20cm/8"

Heavy Pattern



Hegar
0020-0397-016 16cm/6¼"
0020-0397-018 18cm/7"
0020-0397-020 20cm/8"



20

Needle Holder - Needles

Needle Holders

20



M.G.H.
(Mass.-General-Hospital)
0020-0384-017
17 cm/6¾"



Sarot
0020-0385-018 18.5 cm/7¼"
0020-0385-026 26.0 cm/10¼"



Finocchietto
0020-0415-027
27 cm/10½"



Masson
0020-0408-027
27 cm/10½"



Jameson
0020-0404-023
23.5 cm/9¼"



Wangensteen
0020-0420-027
27 cm/10½"

20

Needle Holder - Needles

Needle Holders

20



Crile-Wood
0020-0350-015
15 cm/6"

Crile-Murray
0020-0348-015
15 cm/6"



Adson
0020-0360-018
18 cm/7"



Ermold
0020-0421-017 17 cm/6¾"
0020-0421-020 20 cm/8"

Needle holders with scissors



Baby-Olsen-Hegar
11.5 cm/4½"

Smooth
0020-0422-011



Olsen-Hegar
0020-0466-014 14 cm/5½"
0020-0466-018 18 cm/7"



Olsen-Hegar
0020-0467-017
17 cm/6¾"

20

Needle Holder - Needles

Needle Holders

20



Olsen-Hegar
0020-0468-014
14 cm/5½"



Gillies
0020-0469-016 L
0020-0470-016 R
16 cm/6¼"



Gillies Slim
0020-0471-014
14 cm/5½"



Crile
0020-0472-015
15 cm/6"



Axhausen
0020-0473-018
18.5 cm/7¼"



Lichtenberg
0020-0474-020
20 cm/8"



Toennis
0020-0475-018
18 cm/7"

20

Needle Holder - Needles

Needle Holders

20



Mathieu



0020-0476-014 14 cm/5½"
0020-0476-017 17 cm/6¾"
0020-0476-020 20 cm/8"



0020-0477-014
0020-0477-017
0020-0477-020



Mathieu

0020-0478-014 14 cm/5½"
0020-0478-017 17 cm/6¾"
0020-0478-020 20 cm/8"

20

Needle Holder - Needles

Needle Holder With Tungsten Carbide Inserts

20

Two rings angled

grip



Neivert
0020-0479-013
13 cm/5"



Neivert
0020-0480-013
13 cm/5"



Webster
0020-0481-013
13 cm/5"

Smooth



Derf
0020-0482-012
12.5 cm/5"



New Orleans
0020-0483-018
18 cm/7"



Bozemann
0020-0484-020 20 cm/8"
0020-0484-024 24 cm/9½"
0020-0484-026 26 cm/10"

20

Needle Holder - Needles

Needle Holders with Tungsten Carbide Inserts

20



Mayo-Hegar

grip



0020-0485-016
0020-0485-018
0020-0485-020
0020-0485-024
0020-0485-026
0020-0485-030

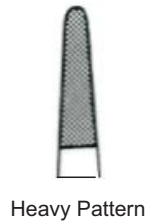
0020-0486-020
0020-0486-024
0020-0486-026
16cm/6¼"
18cm/7"
20cm/8"
24cm/9½"
26cm/10½"
30cm/12"



Hegar-Baumgartner
0020-0487-014
14cm/5½"



Mayo-Hegar
0020-0488-020 20cm/8"
0020-0488-024 24cm/9½"



Heavy Pattern



De Bakay
0020-0489-018
0020-0489-020
0020-0489-023
0020-0489-026
0020-0489-031
18cm/7"
20cm/8"
23cm/9"
26cm/10¼"
31cm/12¼"



De Bakay-Fine
0020-0490-018
0020-0490-020
0020-0490-023
0020-0490-026
0020-0490-031

20

Needle Holder - Needles

Needle Holders with Tungsten Carbide Inserts

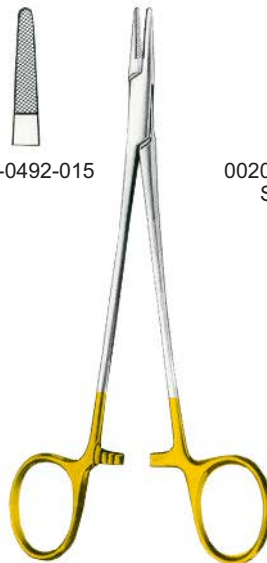
20

grip



Baby-Crile-Wood
0020-0491-015
15cm/6"

0020-0492-015



Crile-Wood
15cm/6"

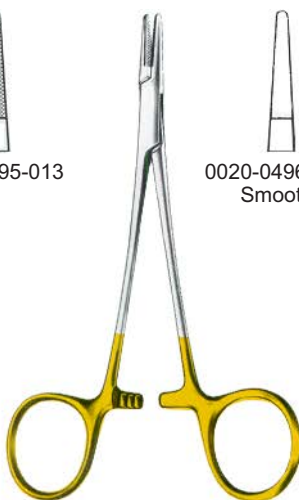
0020-0493-015
Smooth



Crile-Wood

	cm	in
0020-0494-018	18	7"
0020-0494-020	20	8"
0020-0494-023	23	9"
0020-0494-026	26	10 1/4"
0020-0494-031	31	12 1/4"

0020-0495-013



Halsey
13cm/5"

0020-0496-013
Smooth



Converse
0020-0497-012
12.5cm/5"



Kilner
0020-0498-013
13.5cm/5 1/4"

20

Needle Holder - Needles

Needle Holders with Tungsten Carbide Inserts

20

grip



Hegar-Vascular

0020-0499-014	14cm/5½"
0020-0499-018	18cm/7"
0020-0499-020	20cm/8"
0020-0499-023	23cm/9"



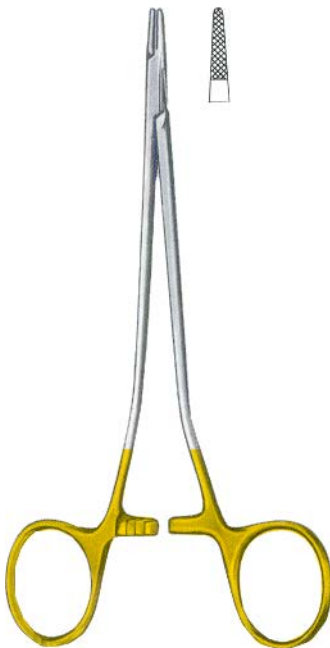
Ryder

0020-0500-013
0020-0500-015
0020-0500-018
0020-0500-020
0020-0500-023
0020-0500-026



Micro-Ryder

0020-0501-013	13cm/5"
0020-0501-015	15cm/6"
0020-0501-018	18cm/7"
0020-0501-020	20cm/8"
0020-0501-023	23cm/9"
0020-0501-026	26cm/10¼"



(Swedish Pattern)

0020-0502-015	15cm/6"
0020-0502-017	17cm/6¾"
0020-0502-020	20cm/8"



Sarot

0020-0503-018	18cm/7"
0020-0503-026	26cm/10¼"

20

Needle Holder - Needles

Needle Holders with Tungsten Carbide Inserts

20

grip



Stratte
0020-0504-023
23cm/9"



Masson
0020-0505-027
27cm/10½"



Wangenstein
0020-0506-027
27cm/10½"



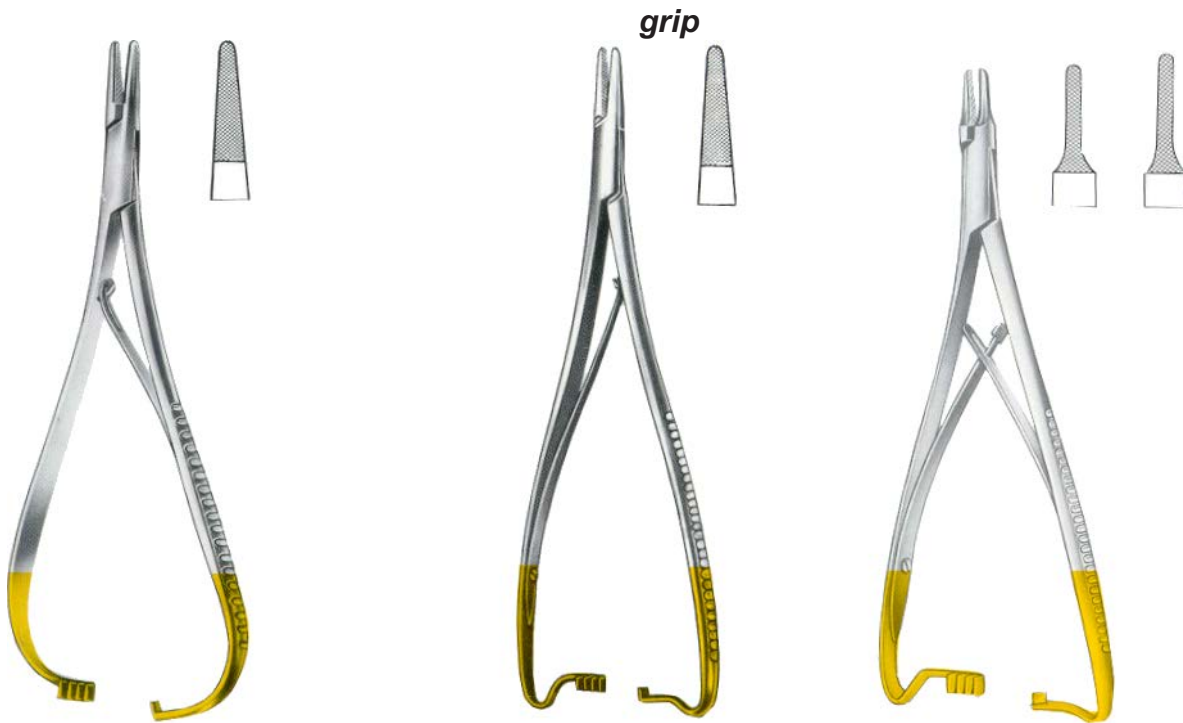
Finocchietto
0020-0507-020 20cm/8"
0020-0507-027 27cm/10½"

20

Needle Holder - Needles

Needle Holders with Tungsten Carbide Inserts

20

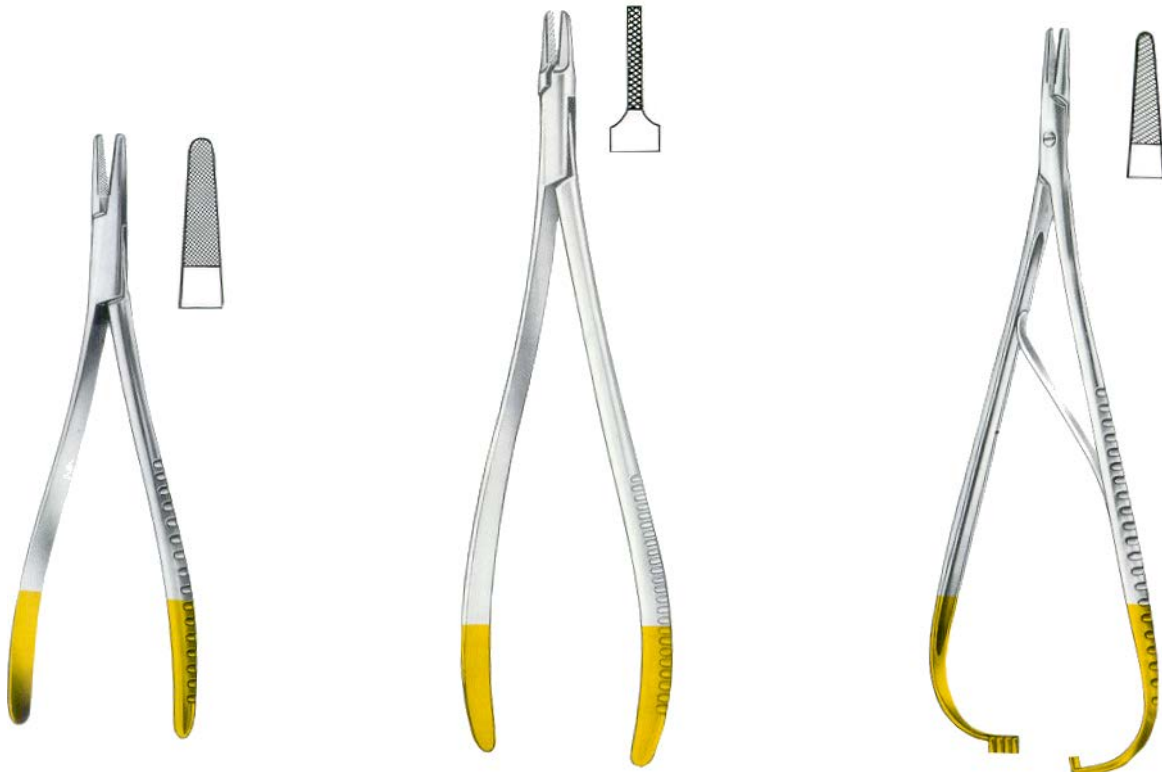


Mathieu

Mathieu

Mathieu-Ryder

14cm/5½"	0020-0508-014	0020-0509-014	
17cm/6¾"	0020-0508-017	0020-0509-017	0020-0510-017
20cm/8"	0020-0508-020	0020-0509-020	0020-0510-020
24cm/9½"	0020-0508-024	0020-0509-024	



Langenbeck

Langenbeck-Ryder

Lichtenberg

16cm/6¼"	0020-0511-016		
18cm/7"	0020-0511-018	0020-0512-018	
20cm/8"	0020-0511-020	0020-0512-020	0020-0513-020

20

Needle Holder - Needles

Needle Holders with Tungsten Carbide Inserts

20

grip



Toennis
0020-0514-018
18 cm/7"



Mathieu-Kocher
0020-0515-014 14 cm/5 1/2"
0020-0515-017 17 cm/6 3/4"
0020-0515-020 20 cm/8"



Axhausen
0020-0516-018
18.5 cm/7 1/4"



Zweifel
0020-0517-020 20 cm/8"
0020-0517-023 23 cm/9"

20

Needle Holder - Needles

Needle Holders with Tungsten Carbide Inserts

20



0020-0518-020 20 cm/8"
0020-0518-025 25 cm/10"

grip



Heavy Pattern

Mathieu

0020-0519-020 20 cm/8"
0020-0519-024 24 cm/9½"



Metzenbaum

0020-0520-017 17 cm/6¾"
0020-0520-020 20 cm/8"



0020-0521-016



0020-0522-016

Arruga
16 cm/6¼"



Boynton

0020-0523-012
12 cm/4¾"



Hosel

0020-0524-020 20 cm/8"
0020-0524-025 25 cm/10"

20

Needle Holder - Needles

Needle Holders with Tungsten Carbide Inserts

20

grip



Baby-Olsen-Hegar
0020-0525-011
11.5 cm/4½"



Olsen-Hegar
0020-0526-014
14 cm/5½"



Olsen-Hegar
0020-0527-017
17 cm/6¾"



Olsen-Hegar
0020-0528-018
19 cm/7½"



Gillies-Slim
0020-0529-014
14.5 cm/5½"



Gillies
0020-0530-016 L
0020-0531-016 R
16 cm/6¼"

20

Needle Holder - Needles Ligature Needles

20

Left



20 cm/8"



0020-0540-001



Blunt



0020-0540-002



0020-0541-001



Sharp



0020-0541-002

Deschamps-Standard

Right



20 cm/8"

Fine



20 cm/8"



0020-0542-001



Blunt



0020-0542-002



0020-0543-001



Sharp



0020-0543-002

Deschamps



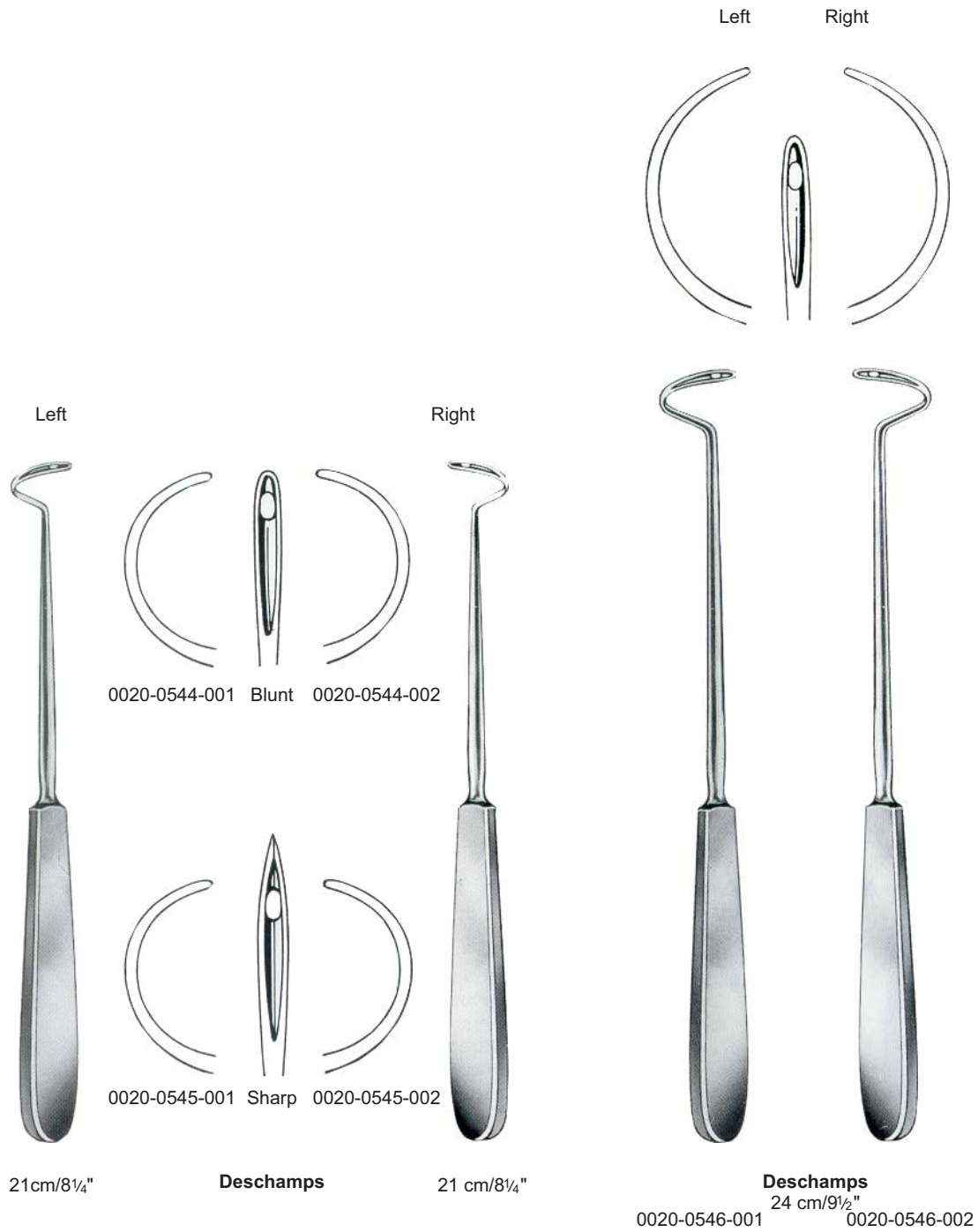
20 cm/8"

20

Needle Holder - Needles

Ligature Needles

20



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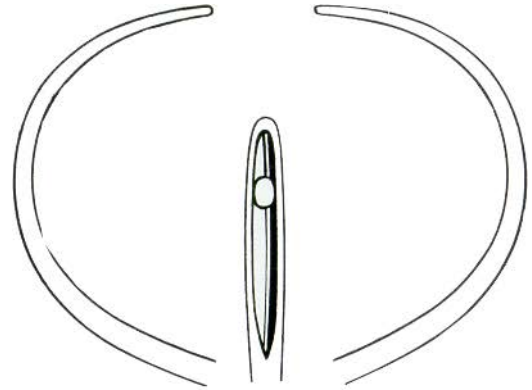
Needle Holder - Needles

Ligature Needles

20

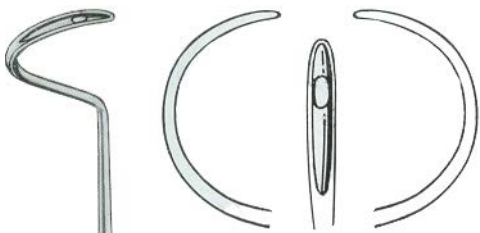
Left

Right



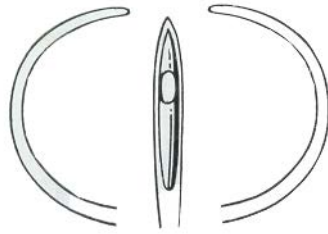
Left

Right



Blunt

0020-0547-001 0020-0547-002



Sharp

0020-0548-001 0020-0548-002



27 cm/10½"

Deschamps



27 cm/10½"



Deschamps

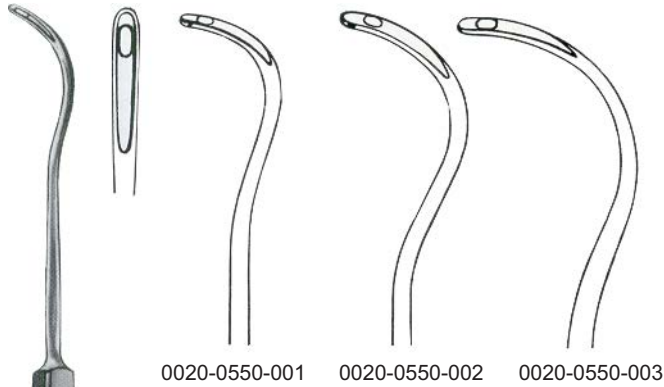
0020-0549-001 28 cm/11" 0020-0549-002

20

Needle Holder - Needles

Ligature Needles

20

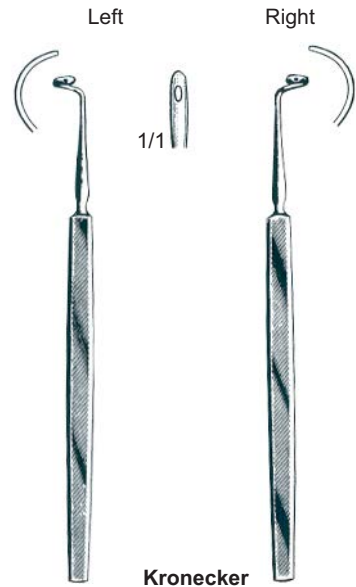


0020-0550-001

0020-0550-002

0020-0550-003

Kocher
19 cm/7½"



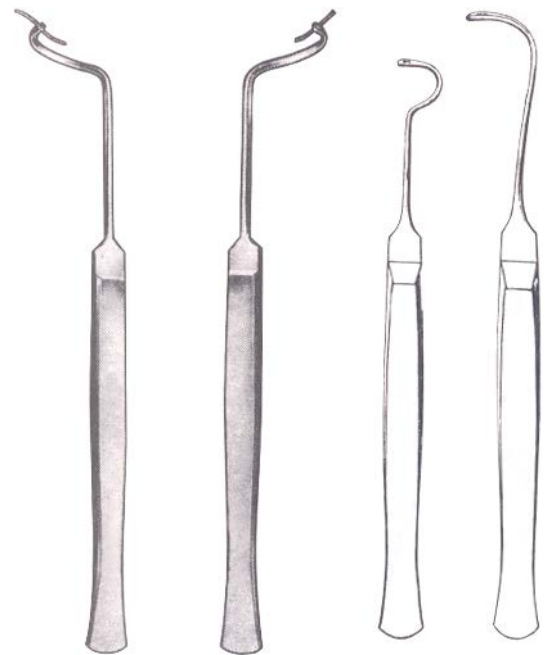
Kronecker
0020-0551-001 13 cm/5" 0020-0551-002



Dupuy-Weiss
0020-0552-001 22 cm/8¾" 0020-0552-002



Durham
0020-0553-001 21 cm/8¼" 0020-0553-002



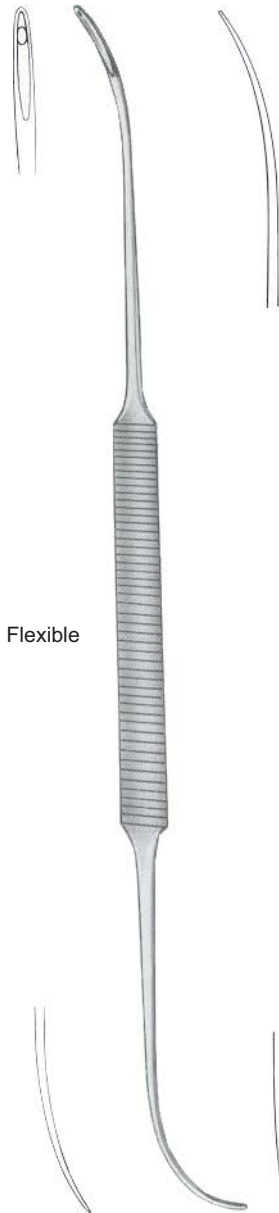
Dupuytren
0020-0554-001 16.5cm/6½" 0020-0554-002
Syme
0020-0555-013 13.5cm/5¼" 0020-0556-002 16.5cm/6½"

20

Needle Holder - Needles

Ligature Needles

20



Flexible

Schmieden-Dick
0020-0558-032



Schmieden
0020-0559-021
21 cm/8¼"



0020-0557-001



Anuerysm Needle
0020-0557-002
13cm/5"



0020-0557-003



Flexible

0020-0560-020
20 cm/8"



Cooper
0020-0561-019
19 cm/7½"

20

Needle Holder - Needles

Ligature Needles

20



With 3 needle

Young
0020-0562-025 25 cm/10"



0020-0562-001



0020-0562-002



0020-0562-003

Spare needle only



Reverdin
14 cm/5½"



Fig. 1
0020-0563-001



Fig. 2
0020-0563-002



Fig. 3
0020-0563-003



Fig. 4
0020-0563-004

20

Needle Holder - Needles

Ligature Needles

20



Reverdin
19.5 cm / 7 ³/₄"



Fig. 1
0020-0564-001



Fig. 2
0020-0564-002



Fig. 3
0020-0564-003



Fig. 4
0020-0564-004



Reverdin
22.5 cm / 8 ³/₄"



Fig. 1
0020-0565-001



Fig. 2
0020-0565-002



Fig. 3
0020-0565-003



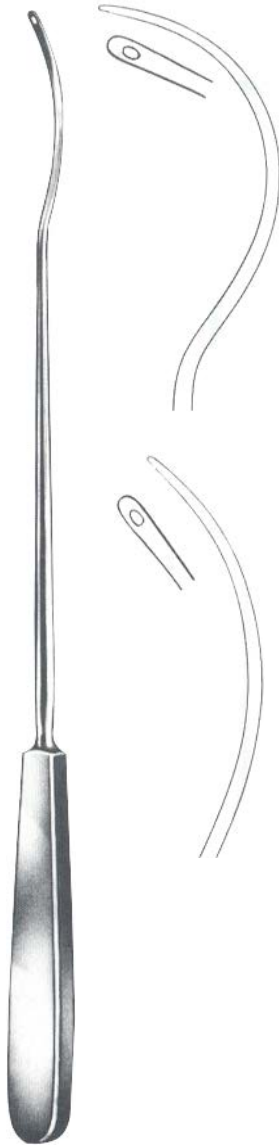
Fig. 4
0020-0565-004

20

Needle Holder - Needles

Ligature Needles and Ligature Conductors

20



Brunner
0020-0566-030
0020-0567-030
30 cm/12"



Payr
0020-0568-022
22 cm/8¾"



Payr
0020-0569-022
22 cm/8¾"



Brunner
0020-0570-030
30 cm/12"

20

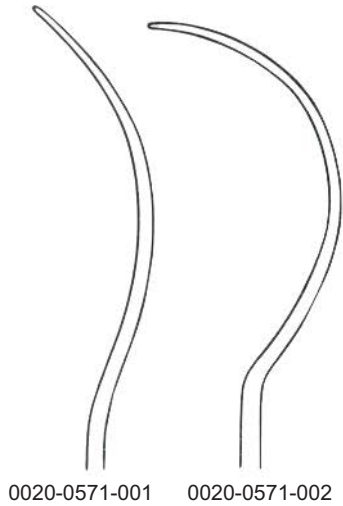
Needle Holder - Needles

Ligature Needles and Ligature Conductors

20



Brunner
30 cm/12"



0020-0571-001 0020-0571-002



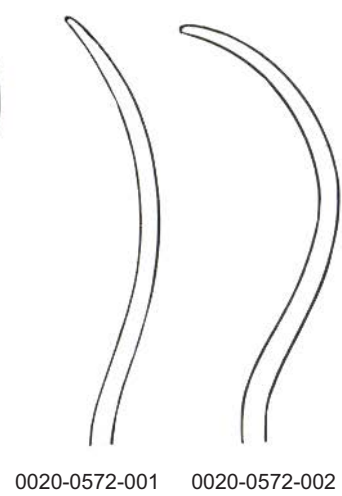
0020-0571-003



0020-0571-004



Brunner
30 cm/12"



0020-0572-001 0020-0572-002



0020-0572-003

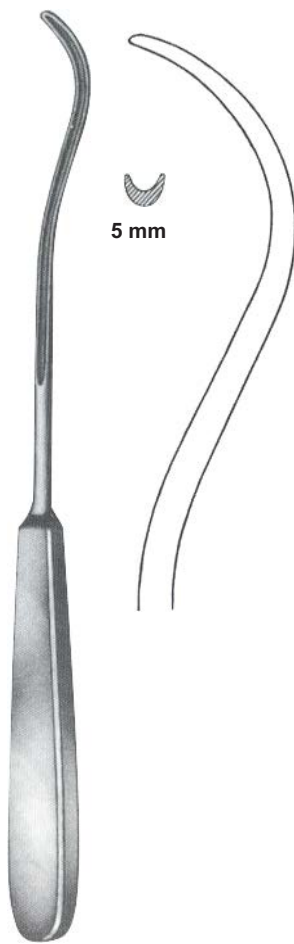


0020-0572-004

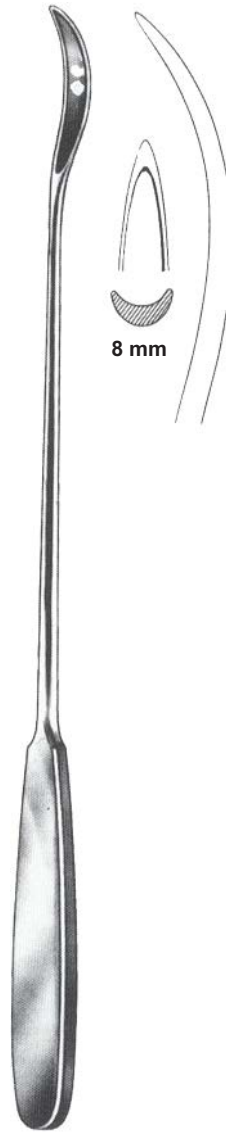
20

Needle Holder - Needles Ligature Conductors

20



Kirschner
0020-0573-025
25.5 cm/10"



Brunner
0020-0574-030
30 cm/12"



Brunner-Ferrozell
0020-0575-018 18 cm/7"
0020-0575-027 27 cm/10½"



Schmieden-Payr
0020-0576-019
19 cm/7½"



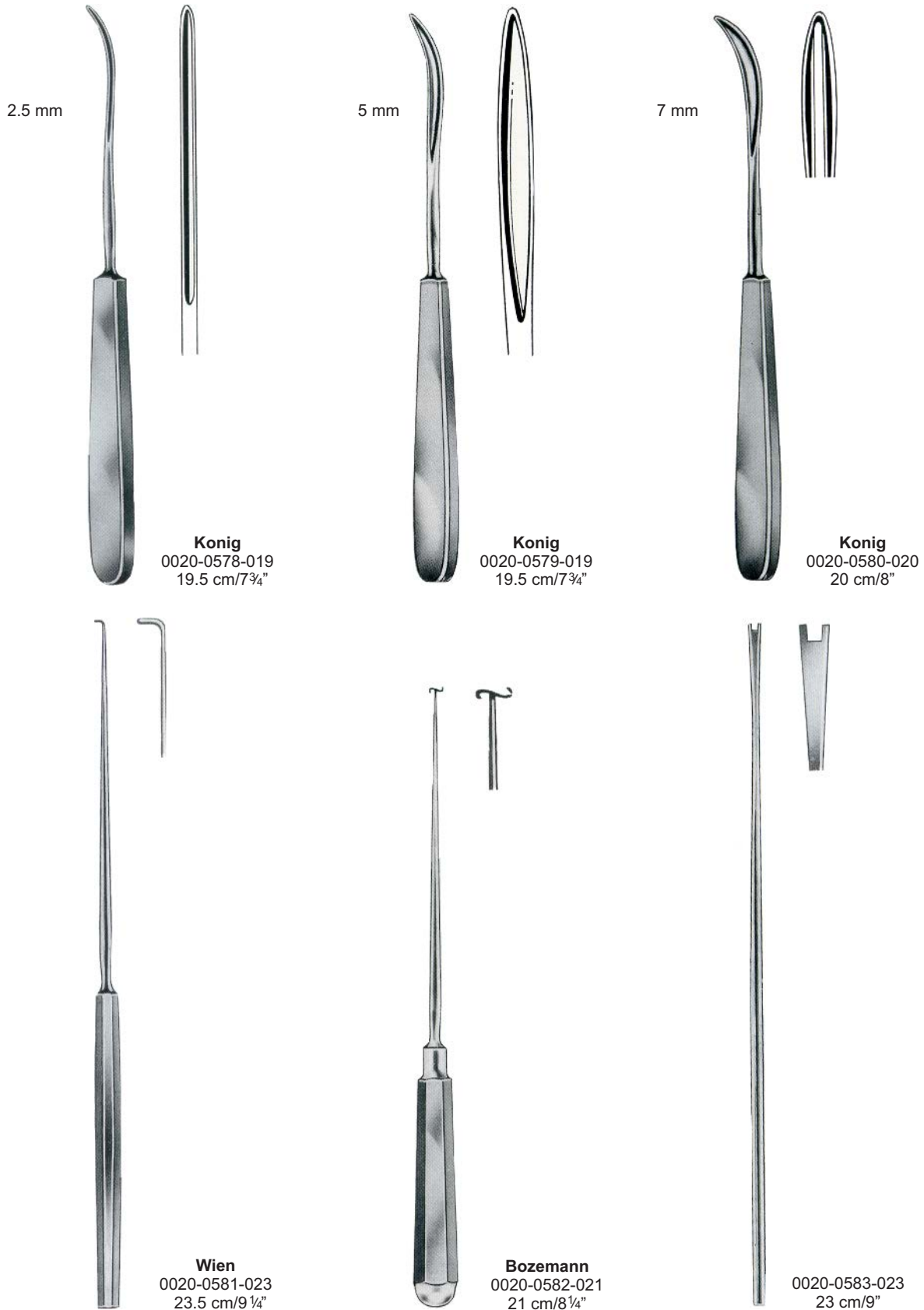
Schmieden
0020-0577-019
19 cm/7½"

20

Needle Holder - Needles

Ligature Conductors, Knot Tiers and Ligatures

20



20

Needle Holder - Needles Clip Applying Forceps

20



Michel
0020-0584-012
12 cm/4¾"



Michel
0020-0585-012
12 cm/4¾"



Wachenfeldt
0020-0586-012
12 cm/4¾"



Wachenfeldt
0020-0587-012
12.5cm/5"



Wachenfeldt
0020-0588-012
12.5 cm/5"



Hagenbarth
0020-0589-012
12.5 cm/5"



Michel
0020-0590-012
12 cm/4¾"



Michel Modif
0020-0591-012
12.5 cm/5"



Collin
0020-0592-013
13 cm/5"



Richter-Heath
0020-0593-014
14 cm/5½"



Child
0020-0594-018
18 cm/7"



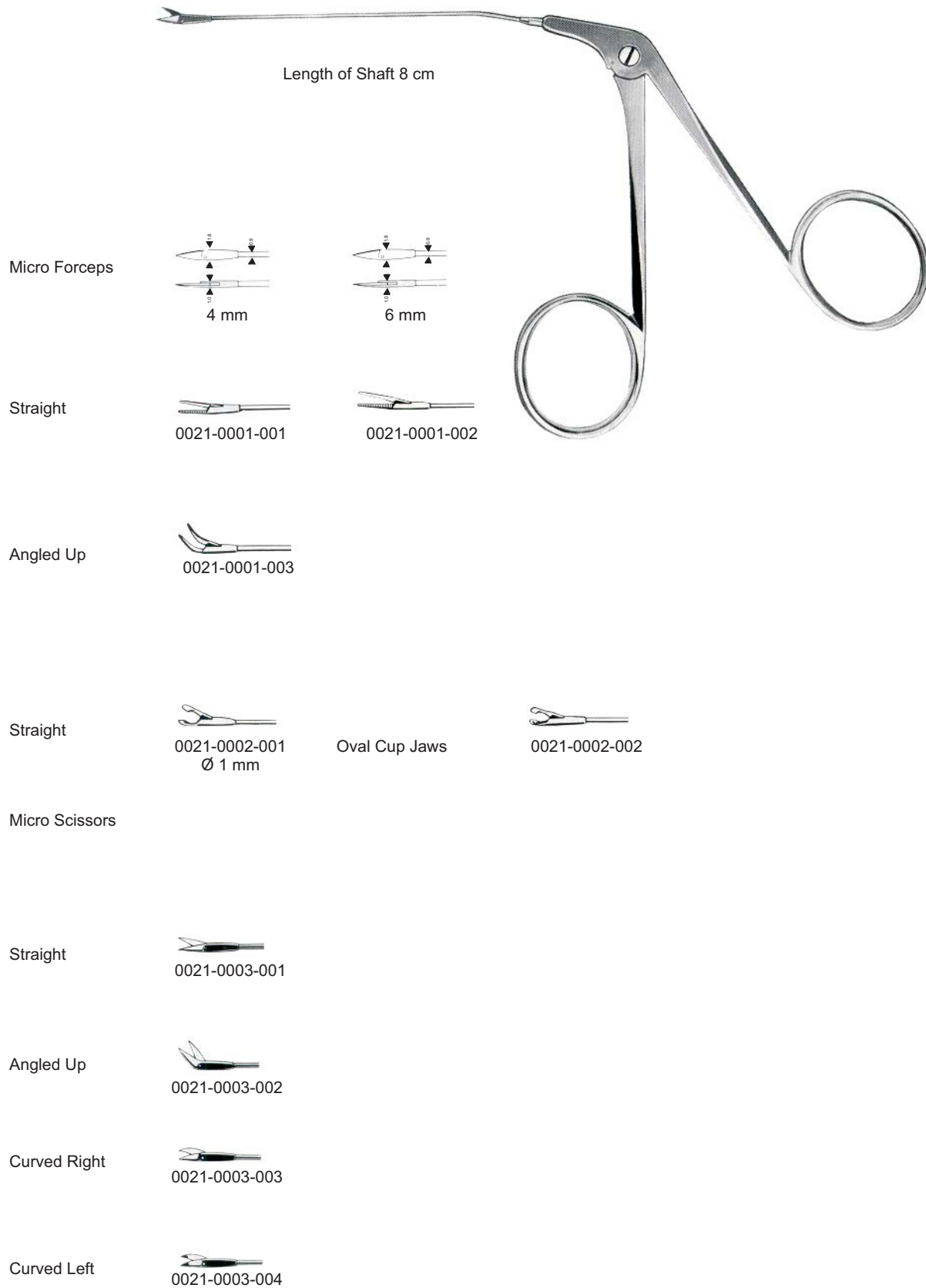
Child
0020-0595-018
18 cm/7"

21

Micro Instruments - Pituitary

Micro Forceps and Scissors

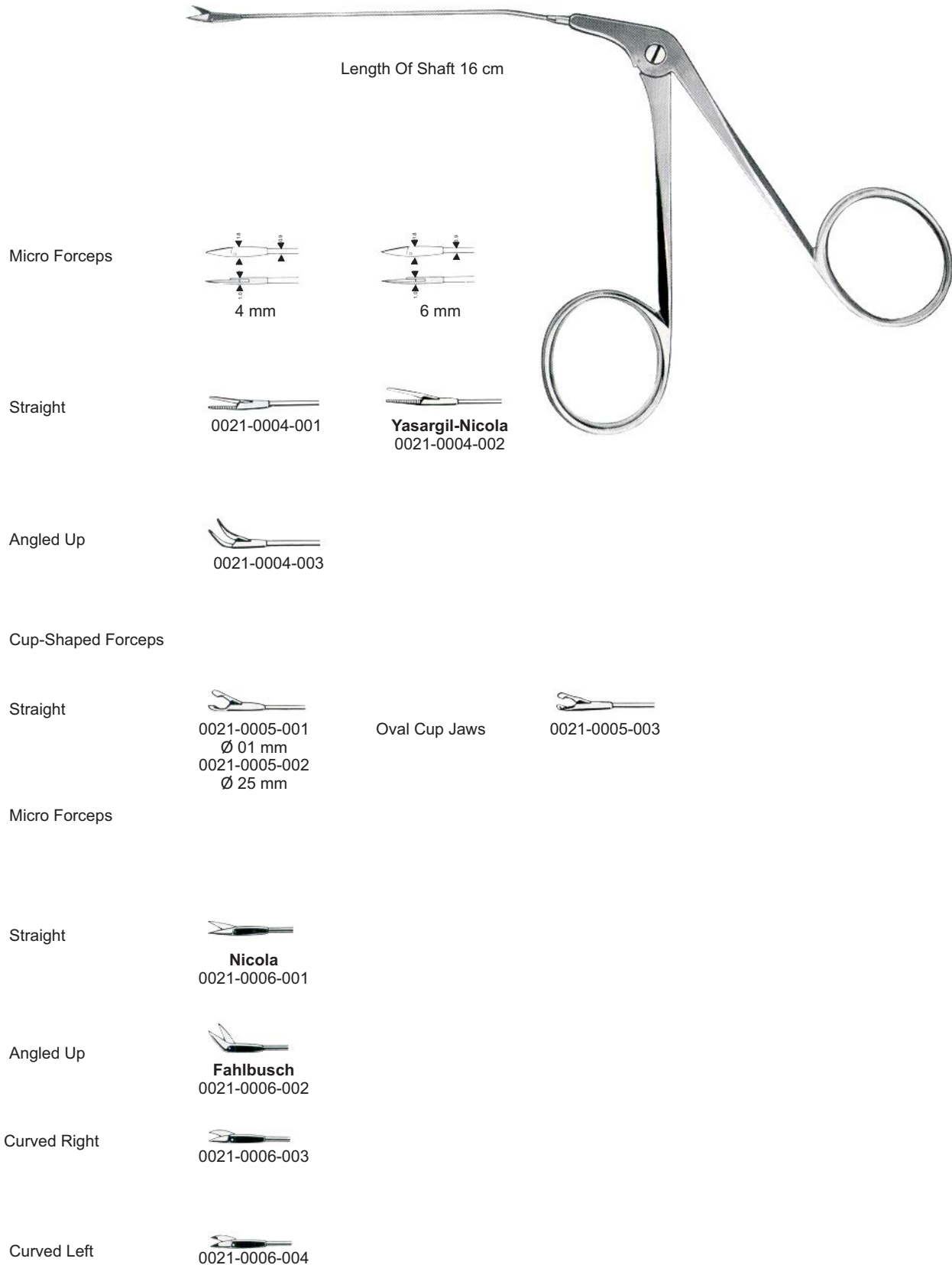
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21

Micro Instruments - Pituitary Micro Forceps and Scissors

21

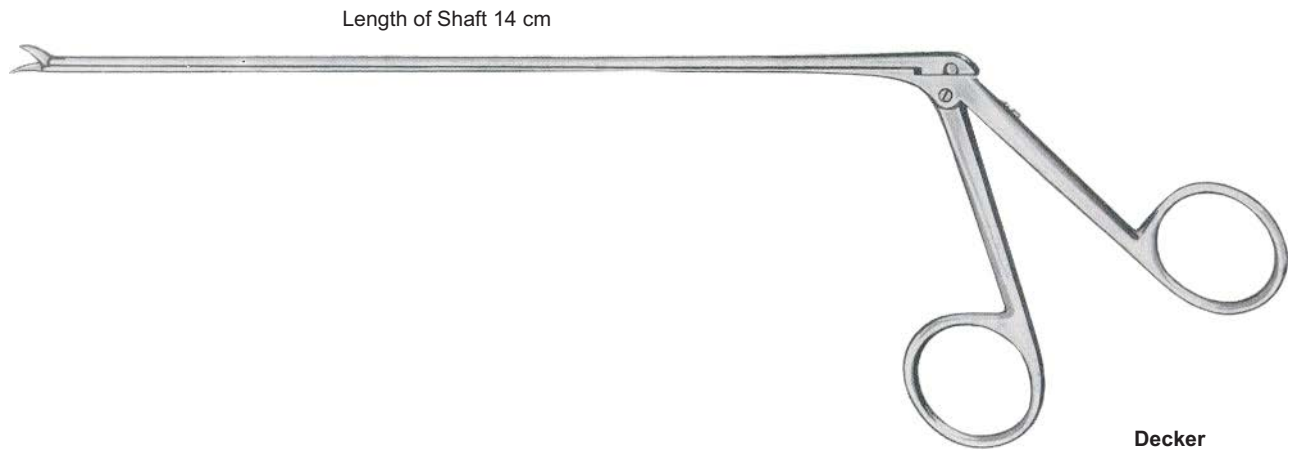


21

Micro Instruments - Pituitary Micro Scissors

21

Micro Scissors



Straight
0021-0007-001



Curved Right
0021-0007-002



Curved Left
0021-0007-003

21

Micro Instruments - Pituitary Knives

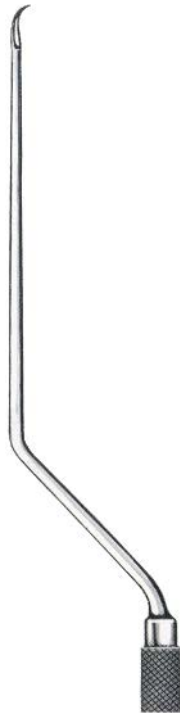
21



Jacobson
0021-0008-000
18.5 cm/7¼"



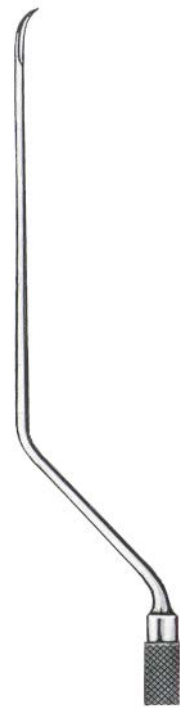
Koos
0021-0008-001
18.5 cm/7¼"



Koos
0021-0008-002
18.5 cm/7¼"



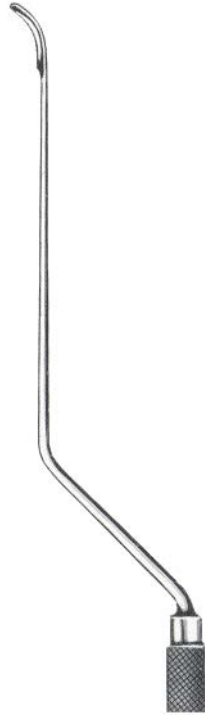
Koos
0021-0008-003
18.5 cm/7¼"



Koos
0021-0008-004
18.5 cm/7¼"



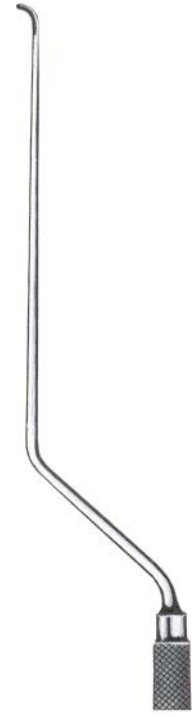
Koos
0021-0009-001
18.5 cm/7¼"



Koos
0021-0009-002
18.5 cm/7¼"



Yasargil
0021-0009-003
18.5 cm/7¼"



Yasargil
0021-0009-004
18.5 cm/7¼"

21

Micro Instruments - Pituitary
Raspatories, Dissectors

21



Yasargil
0021-0010-001
18.5 cm/7¼"



Yasargil
0021-0010-002
18.5 cm/7¼"



Yasargil
0021-0010-003
18.5 cm/7¼"



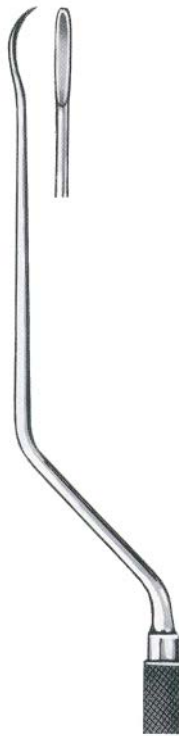
Yasargil
0021-0010-004
18.5 cm/7¼"



Yasargil
0021-0010-005
18.5 cm/7¼"



Yasargil
0021-0011-001
18.5 cm/7¼"



Yasargil
0021-0011-002
18.5 cm/7¼"



Yasargil
0021-0011-003
18.5 cm/7¼"



Yasargil
0021-0011-004
18.5 cm/7¼"

21

Micro Instruments - Pituitary
Nerve Vessel Hooks and Ligature Guide

21



0021-0012-001
18.5 cm/7¼"



0021-0012-002
18.5 cm/7¼"



Krayenbuhl
0021-0013-001
18.5 cm/7¼"



0021-0013-002



0021-0013-003



0021-0013-004



Yasargil
0021-0014-001
18.5 cm/7¼"



Yasargil
0021-0014-002
18.5 cm/7¼"



Yasargil
0021-0014-003
18.5 cm/7¼"



Yasargil
0021-0014-004
18.5 cm/7¼"

21

Micro Instruments - Pituitary
Tissue Packs, Dilators, Probes and Suture Pushers

21



Tissue Pick
0021-0015-011
11 cm/4 1/8"



Tissue Pick
0021-0016-010 1.0 mm
0021-0016-018 1.8 mm
18.5 cm/7 1/4"



Vessel Dilator
0021-0017-005 0.5 mm
0021-0017-010 1.0 mm
0021-0017-015 1.5 mm
12.5 cm/5"



Jacobson
Probe
0021-0018-001
18.5 cm/7 1/4"



Vessel Probe
0021-0018-002



Suture Pusher
0021-0018-003

21

Micro Instruments - Pituitary
Dissectors, Elevators, Needles, Hooks and Probes

21



Rhoton
19 cm/7½"



Dissector Round
0021-0019-001
Ø 1 mm



Dissector Round
0021-0019-002
Ø 2 mm



Dissector Round
0021-0019-003
Ø 3 mm



Dissector Spatula Shaped
0021-0019-004
Ø 1 mm



Dissector Spatula Shaped
0021-0019-005
Ø 1.5 mm



Dissector Spatula Shaped
0021-0019-006
Ø 2.0 mm



Elevator
0021-0019-007
Ø 1.2 mm



Elevator
0021-0019-008
Ø 2.8 mm



Needle Semi-Sharp
0021-0019-009



Hook Blunt
0021-0019-010
90° 2 mm



Hook Semi-Sharp
0021-0019-011
90° 2 mm



Hook Semi-Sharp
0021-0019-012
45° 3 mm



Probe Angled
0021-0019-013
90°



Probe Angled
0021-0019-014
1.0 x 2.0 mm



Probe Angled
0021-0019-015
1.0 x 2.0 mm
45°

21

Micro Instruments - Pituitary

Dissectors, Raspatories, Hooks, Elevators, Knives and Probes

21



Jannetta
19 cm/7½"



Dissector, Small
0021-0020-001



Dissector, large
0021-0020-002



Raspatory
0021-0020-003



Hook, Small
0021-0020-004
90°



Hook Medium
0021-0020-005
90°



Hook large
0021-0020-006
90°



Hook Angular
0021-0020-007
45°



Hook Medium
0021-0020-008
45°



Elevator Angular
0021-0020-009



Knife Hollow Small
0021-0020-010



Knife Hollow Large
0021-0020-011



Probe ball-tipped
0021-0020-012



Ligature Carrier left
0021-0020-013



Ligature Carrier right
0021-0020-014



Fork Small
0021-0020-015
30°



Fork Large
Probe Ball-Tipped
0021-0020-016
30°

21

Micro Instruments - Pituitary

Sickle Knives, Raspatories, Elevators, Dissectors and Needles

21

Working Length
12.5 cm/5"

Angled up 0021-0021-001
Curved down 0021-0021-002
Curved right 0021-0021-003
Curved left 0021-0021-004

Curved upwards
0021-0021-005

Angled up
0021-0021-006
1.0 x 1.0 mm

Angled up
0021-0021-007
2.5 x 5 mm

Curved up
0021-0021-008
1.0 x 4 mm

Curved up
0021-0021-009
1.5 x 5 mm

Straight
0021-0021-010
0.4 mm

Curved up
0021-0021-011
2.0 x 6 mm

Angled Up

0021-0021-012
3 x 5 mm

Angled To Right

0021-0021-013
3 x 5 mm

Angled To Left

0021-0021-014
3 x 5 mm

24 cm/9 1/2"

21

Micro Instruments - Pituitary Sickle Hooks

21

12.5 cm/5"



Angled Up
Curved Right
Curved Left

Blunt
0021-0022-001
0021-0023-001
0021-0024-001
90° 2 mm

Blunt
0021-0022-002
0021-0023-002
0021-0024-002
90° 2.5 mm

Semi-Sharp
0021-0022-003
0021-0023-003
0021-0024-003
90° 2 mm

Angled Up
Curved Right
Curved Left

Blunt
0021-0022-004
0021-0023-004
0021-0024-004
90° 3 mm

Ball Pointed
0021-0022-005
0021-0023-005
0021-0024-005
90° 3 mm

Blunt
0021-0022-006
0021-0023-006
0021-0024-006
30° 3 mm

24 cm/9½"

21

Micro Instruments - Pituitary Sickle, Nerve Hooks and Ligature Needles

21

Working Length
12.5 cm/5"

Angled up
0021-0024-001
5 mm

Angled up
0021-0024-002
8 mm

0021-0025-001 22 cm/8¾"
0021-0026-001 24 cm/9½"

Angled Up
0021-0024-003
90° 3mm

Angled Up
0021-0024-004
90° 4mm

0021-0027-002 22 cm/8¾"
0021-0028-002 24 cm/9½"

Angled Up
0021-0024-005
90° 5mm

24 cm/9½"

22 cm/8¾"
24 cm/9½"

21

Micro Instruments - Pituitary Dissectors

21



Hardy
24 cm/9½"

Sickle Dissectors



Angled Up	0021-0029-001
Curved Down	0021-0029-002
Curved Right	0021-0029-003
Curved Left	0021-0029-004



Hardy

Implant Fork
0021-0029-007



2 mm

Angled Up	0021-0029-008
Curved Down	0021-0029-009
Curved Right	0021-0029-010
Curved Left	0021-0029-011



Hardy-Fahlbusch
0021-0029-005



Hardy-Fahlbusch
0021-0029-006

4 mm



Angled Up	0021-0029-012
Curved Down	0021-0029-013

21

Micro Instruments - Pituitary Dissectors and Raspatories

21



24 cm/9½"

Spatula Dissectors



Curved Up Flexible
0021-0030-001
8 x 100 mm



Straight
0021-0030-003
5 x 20 mm



Curved Down Flexible
0021-0030-002
8 x 100 mm

0021-0030-006
0021-0030-007
2 mm

Dissectors Angled



Sharp Angled Up
0021-0030-004
5 mm
Sharp Angled Down
0021-0030-005



Raspatories

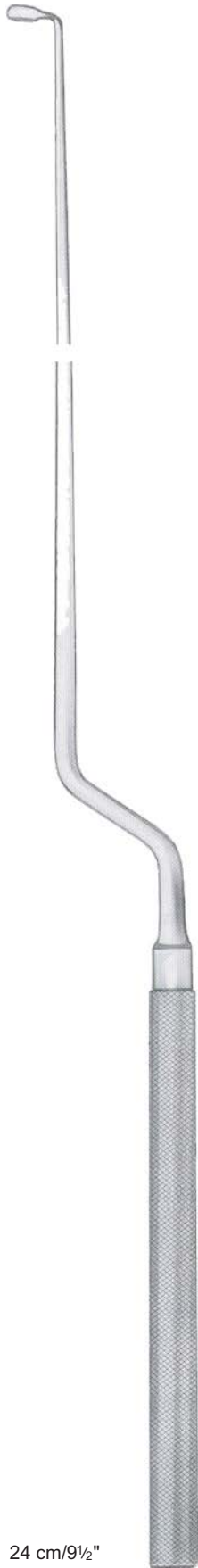
Curved Up
Curved Down

0021-0030-008
0021-0030-009
4 mm

21

Micro Instruments - Pituitary Bone Currettes

21



24 cm/9½"

Right

Up
Down
Right
Left



0021-0031-001
0021-0032-001
0021-0033-001
0021-0034-001
Ø 2.5 mm
90°



0021-0031-002
0021-0032-002
0021-0033-002
0021-0034-002
Ø 4.0 mm
90°



0021-0031-003
0021-0032-003
0021-0033-003
0021-0034-003
Ø 5.0 mm
90°

Down

Up
Down
Right
Left



0021-0031-004
0021-0032-004
0021-0033-004
0021-0034-004
2.5 mm
45°



0021-0031-005
0021-0032-005
0021-0033-005
0021-0034-005
4.0 mm
45°



0021-0031-006
0021-0032-006
0021-0033-006
0021-0034-006
5.0 mm
45°

21

Micro Instruments - Pituitary Bone Currettes

21



24 cm/9½"



0021-0035-001
90°
Ø 3 mm



0021-0035-002
45°
Ø 3 mm



0021-0035-003
90°
Ø 3 mm



0021-0035-004
45° Up
Ø 3 mm

With Stick



Stick 5 mm
0021-0036-001
0021-0037-001
0021-0038-001
0021-0039-001
90°
Ø 3 mm



Stick 5 mm
0021-0036-002
0021-0037-002
0021-0038-002
0021-0039-002
45°
Ø 3 mm



Stick 10 mm
0021-0036-003
0021-0037-003
0021-0038-003
0021-0039-003
45°
Ø 3 mm



0021-0040-025
Ø 2.5 mm



0021-0040-030
Ø 3.0 mm



0021-0040-035
Ø 3.5 mm



0021-0040-040
Ø 4.0 mm

Malleable

21

Micro Instruments - Pituitary
Raspatories, Scoops and Nerve Hooks

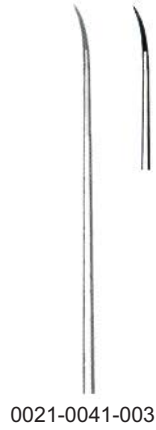
21



Sharp
0021-0041-001
24 cm/9½"



0021-0041-002



0021-0041-003



0021-0041-004



0021-0041-005



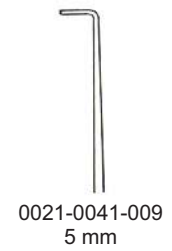
0021-0041-006
2.5 mm



0021-0041-007
3 mm



0021-0041-008
3 mm



0021-0041-009
5 mm



0021-0041-010
8 mm

21

Micro Instruments - Pituitary
Dissectors

21



21

Micro Instruments - Pituitary
Dissectors

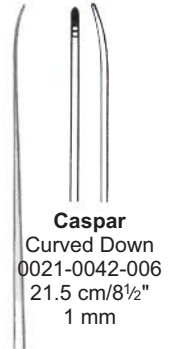
21



Caspar
0021-0042-004
21.5 cm/8½"



Caspar
0021-0042-005
21.5 cm/8½"

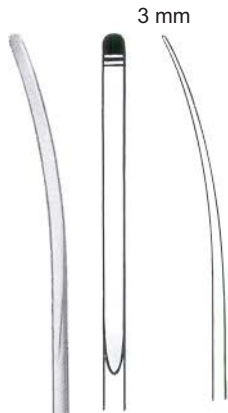


Caspar
Curved Down
0021-0042-006
21.5 cm/8½"
1 mm

21

Micro Instruments - Pituitary Dissectors and Curettes

21



0021-0043-001
19 cm/7½"



0021-0043-002
21.5 cm/8½"

Curette

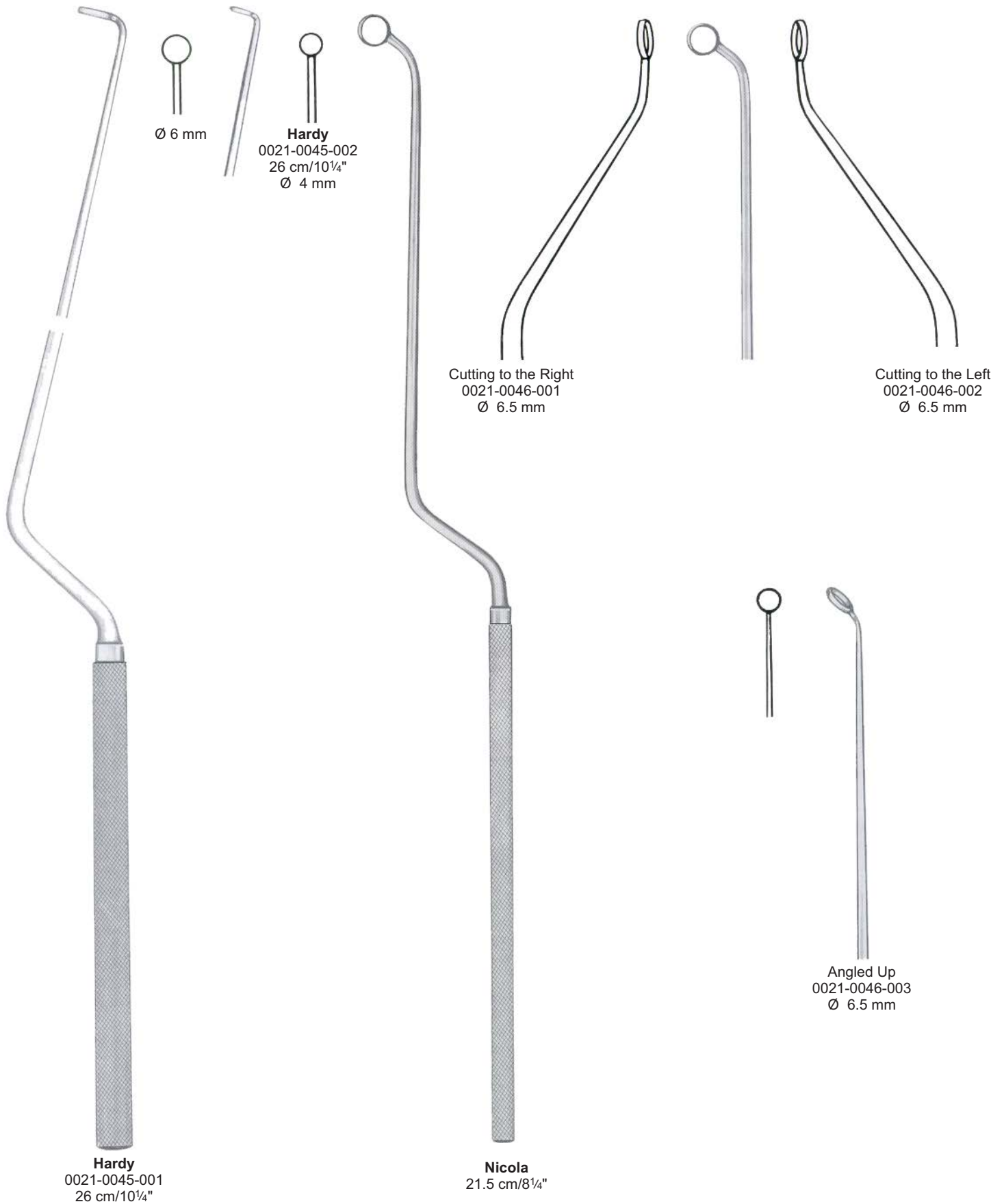


Ray
19 cm/7½"

21

Micro Instruments - Pituitary Curettes

21



21

Micro Instruments - Pituitary

Raspatories, Spatulas, Curettes and Hooks

21



Enucleators Blunt Malleable

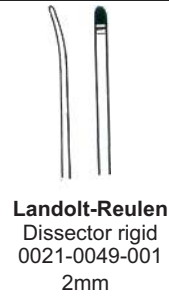
21

Micro Instruments - Pituitary Dissectors, Hooks, Curettes and Raspatories

21



26 cm/10³/₄"



Landolt-Reulen
Dissector rigid
0021-0049-001
2mm



Landolt-Reulen
Blunt Hook rigid
0021-0049-002
1.7mm



Fahlbusch
Curette malleable
0021-0049-003
2.5 mm Ø



Landolt-Reulen
Curette rigid
0021-0049-004
2.5 mm Ø



Fahlbusch
Scoop malleable
0021-0049-005



Landolt-Reulen
Raspatory rigid
0021-0049-006
2.2 mm
3.2 mm

21

Micro Instruments - Pituitary Speculas, Mirrors & Handles

21



Cushing-Londolt
0021-0050-001 70 x 15 mm
0021-0050-002 90 x 15 mm
0021-0050-003 110 x 15 mm
Specula For Transsphenoidol

Mirrors



0021-0051-006
6 mm



0021-0051-010
8 mm



0021-0051-008
10 mm



0021-0051-0012
12mm



Mirror handle
0021-0051-000

22

Bone Instruments

Bone Chisels, Gouges and Osteotomes

22



Width

mm **Partsch**

02	0022-0001-002	0022-0002-002
03	0022-0001-003	0022-0002-003
04	0022-0001-004	0022-0002-004
05	0022-0001-005	0022-0002-005
06	0022-0001-006	0022-0002-006
07	0022-0001-007	0022-0002-007
08	0022-0001-008	0022-0002-008
	13.5 cm/5 1/4"	17 cm/6 3/4"

Partsch

0022-0003-002	0022-0004-004
0022-0003-003	0022-0004-006
0022-0003-004	0022-0004-008
0022-0003-005	0022-0004-010
0022-0003-006	0022-0004-012
0022-0003-007	0022-0004-014
0022-0003-008	0022-0004-016
	17cm/6 3/4"

mm

04	0022-0005-004	0022-0006-004	0022-0007-004
06	0022-0005-006	0022-0006-006	0022-0007-006
08	0022-0005-008	0022-0006-008	0022-0007-008
10	0022-0005-010	0022-0006-010	0022-0007-010
12	0022-0005-012	0022-0006-012	0022-0007-012
14	0022-0005-014	0022-0006-014	0022-0007-014
16	0022-0005-016	0022-0006-016	0022-0007-016
	13.5 cm/5 1/4"		

0022-0008-004	4mm
0022-0008-006	6mm
0022-0008-008	8mm
0022-0008-010	10mm
0022-0008-012	12mm
0022-0008-014	14mm



Poirioer
16cm/6 "

0022-0009-002	2mm
0022-0009-004	4mm
0022-0009-006	6mm
0022-0009-008	8mm
0022-0009-010	10mm
0022-0009-012	12mm
0022-0009-014	14mm



Poirioer
16cm/6 "

0022-0010-004	4mm
0022-0010-006	6mm
0022-0010-008	8mm
0022-0010-010	10mm
0022-0010-012	12mm
0022-0010-014	14mm



Proirier Triuat
20cm/8"

22

Bone Instruments

Bone Chisels & Gouges

22



Hautant

0022-0011-002 2mm
0022-0011-004 4mm
0022-0011-005 5mm
0022-0011-006 6mm
0022-0011-008 8mm
0022-0011-010 10mm
0022-0011-012 12mm
13 cm/5¼"



Guillaume

0022-0012-002 2mm
0022-0012-004 4mm
0022-0012-006 6mm
0022-0012-008 8mm
24 cm/9½"



Inspector
16 cm/6¼"

0022-0013-003 3mm
0022-0013-005 5mm
0022-0013-007 7mm
0022-0013-009 9mm



Passow
12 cm/4¾"

0022-0014-002 2.5mm
0022-0014-003 3.5mm



mm
06 0022-0015-006
12 0022-0015-012
18 0022-0015-018



Mod. USA
0022-0016-006
0022-0016-012
0022-0016-018
16 cm/6¼"



0022-0017-006
0022-0017-012
0022-0017-018

22

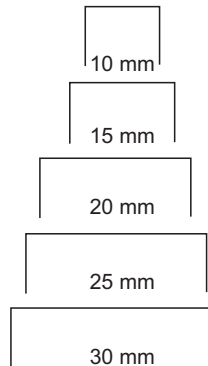
Bone Instruments

Bone Chisels and Gouges

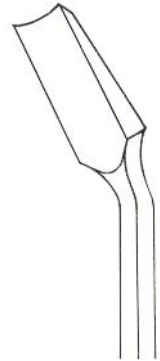
22



Lexer
27.5 cm/10¾"



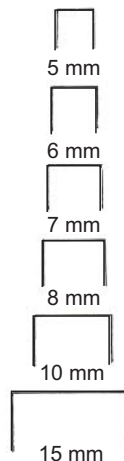
0022-0018-010
0022-0018-015
0022-0018-020
0022-0018-025
0022-0018-030



0022-0019-010
0022-0019-015
0022-0019-020
0022-0019-025
0022-0019-030



Cloward
24 cm/9½"



0022-0020-005
0022-0020-006
0022-0020-007
0022-0020-008
0022-0020-010
0022-0020-015



0022-0021-005
0022-0021-006
0022-0021-007
0022-0021-008
0022-0021-010
0022-0021-015

22

Bone Instruments

Bone Chisels and Gouges Osteotomes

22



Hautant
13 cm/5"

	0022-0022-002	2 mm
	0022-0022-004	4 mm
	0022-0022-005	5 mm
	0022-0022-006	6 mm
	0022-0022-008	8 mm
	0022-0022-010	10mm
	0022-0022-012	12mm



Judet
22 cm/8¾"

	0022-0023-010	10mm
	0022-0023-015	15mm
	0022-0023-020	20mm
	0022-0023-025	25mm
	0022-0023-030	30mm
	0022-0023-035	35mm



Cauchoix
25 cm/10"

	0022-0024-008	8 mm
	0022-0024-010	10mm
	0022-0024-012	12mm
	0022-0024-014	14mm
	0022-0024-016	16mm
	0022-0024-018	18mm
	0022-0024-020	20mm
	0022-0024-025	25mm



Cauchoix
25 cm/10"

	0022-0025-016	16mm
	0022-0025-018	18mm
	0022-0025-020	20mm
	0022-0026-016	16mm
	0022-0026-018	18mm
	0022-0026-020	20mm

22

Bone Instruments

Bone Chisels and Gouges Osteotomes

22



Farabeuf
21 cm/8 1/4"

- 0022-0027-010 10mm
- 0022-0027-015 15mm
- 0022-0027-020 20mm
- 0022-0027-025 25mm
- 0022-0027-030 30mm



Farabeuf
25 cm/10"

- 0022-0028-006 6mm
- 0022-0028-008 8mm
- 0022-0028-010 10mm
- 0022-0028-012 12mm

- 0022-0028-015 15mm
- 0022-0028-020 20mm
- 0022-0028-025 25mm
- 0022-0028-030 30mm



Maceven
20 cm/8"

- 0022-0029-010 10mm
- 0022-0029-015 15mm
- 0022-0029-020 20mm



Stagnara
30 cm/12"

- 0022-0030-006 06mm
- 0022-0030-008 08mm
- 0022-0030-010 10mm
- 0022-0030-012 12mm

- 0022-0030-014 14mm
- 0022-0030-016 16mm
- 0022-0030-018 18mm
- 0022-0030-020 20mm

22

Bone Instruments

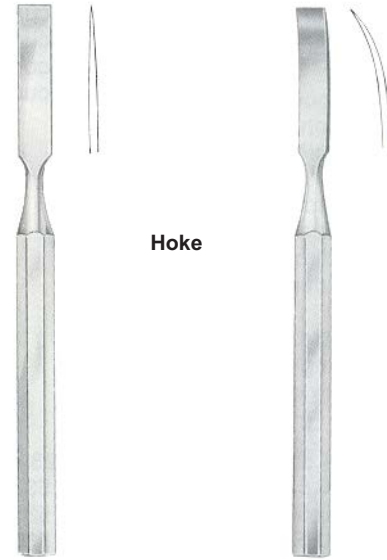
Bone Chisels and Gouges Osteotomes

22



Alexander
18 cm/7"

	mm	
0022-0031-004	04	0022-0032-004
0022-0031-006	06	0022-0032-006
0022-0031-008	08	0022-0032-008
0022-0031-010	10	0022-0032-010
0022-0031-012	12	0022-0032-012
0022-0031-014	14	0022-0032-014



Hoke

14 cm/5½"

	mm	
0022-0033-002	2	0022-0034-002
0022-0033-003	3	0022-0034-003
0022-0033-004	4	0022-0034-004
0022-0033-005	5	0022-0034-005
0022-0033-006	6	0022-0034-006
0022-0033-007	7	0022-0034-007
0022-0033-008	8	0022-0034-008



Smith-Petersen
20 cm/8"

mm				
06	0022-0035-006	0022-0036-006	0022-0037-006	0022-0038-006
09	0022-0035-009	0022-0036-009	0022-0037-009	0022-0038-009
13	0022-0035-013	0022-0036-013		
14			0022-0037-014	0022-0038-014
16	0022-0035-016	0022-0036-016	0022-0037-016	0022-0038-016
19	0022-0035-019	0022-0036-019	0022-0037-019	0022-0038-019
25	0022-0035-025	0022-0036-025	0022-0037-025	0022-0038-025
32	0022-0035-032	0022-0036-032	0022-0037-032	0022-0038-032

22

Bone Instruments

Bone Chisels, Gouges and Osteotomes

22



Lambotte	
	mm
0022-0039-004	04
0022-0039-006	06
0022-0039-008	08
0022-0039-010	10
0022-0039-013	13
0022-0039-016	16
0022-0039-018	18
0022-0039-020	20
0022-0039-025	25
0022-0039-030	30
0022-0039-038	38
0022-0039-044	44
0022-0039-050	50

24 cm/9½"

Curved



23 cm/9"



Mini-Lambotte

	mm	
0022-0041-002	02	0022-0042-002
0022-0041-003	03	0022-0042-003
0022-0041-004	04	0022-0042-004
0022-0041-006	06	0022-0042-006
0022-0041-008	08	0022-0042-008
0022-0041-010	10	0022-0042-010
0022-0041-012	12	0022-0042-012
0022-0041-015	15	0022-0042-015
12.5 cm/5"		17 cm/6¾"



Mini-Lexer

	mm	
0022-0043-004	04	0022-0044-004
0022-0043-006	06	0022-0044-006
0022-0043-008	08	0022-0044-008
0022-0043-010	10	0022-0044-010
0022-0043-012	12	0022-0044-012

18 cm/7"



Lexer

	mm	
0022-0045-005	05	0022-0046-005
0022-0045-007	07	0022-0046-007
0022-0045-010	10	0022-0046-010
0022-0045-015	15	0022-0046-015
0022-0045-020	20	0022-0046-020
0022-0045-025	25	0022-0046-025
0022-0045-030	30	0022-0046-030

22 cm/8¾"



22

Bone Instruments

Bone Chisels and Gouges

22



Chisel
0022-0047-020
24.5 cm/9¾"
20 mm



Chisel-Curved
0022-0048-020
26.5 cm/10½"
20 mm

Gouge for the
removing of
broken screws



0022-0049-022
22 cm/8¾"

22

Bone Instruments

Bone Chisels Gouges and Osteotomes

22

Zielke
23 cm/9"
5.5 mm
9.0 mm



Stille
20 cm/8"

mm
06
08
10
12
15
20
25
30

Width



0022-0051-006	0022-0052-006	0022-0053-006	0022-0054-006	0022-0055-006
0022-0051-008	0022-0052-008	0022-0053-008	0022-0054-008	0022-0055-008
0022-0051-010	0022-0052-010	0022-0053-010	0022-0054-010	0022-0055-010
0022-0051-012	0022-0052-012	0022-0053-012	0022-0054-012	0022-0055-012
0022-0051-015	0022-0052-015	0022-0053-015	0022-0054-015	0022-0055-015
0022-0051-020	0022-0052-020	0022-0053-020	0022-0054-020	0022-0055-020
0022-0051-025	0022-0052-025	0022-0053-025	0022-0054-025	0022-0055-025
0022-0051-030	0022-0052-030	0022-0053-030	0022-0054-030	0022-0055-030

Hibbs
24 cm/9½"

mm
06
09
13
16
19
25
32



0022-0056-006	0022-0057-006	0022-0058-006	0022-0059-006	0022-0060-006
0022-0056-009	0022-0057-009	0022-0058-009	0022-0059-009	0022-0060-009
0022-0056-013	0022-0057-013	0022-0058-013	0022-0059-013	0022-0060-013
0022-0056-016	0022-0057-016	0022-0058-016	0022-0059-016	0022-0060-016
0022-0056-019	0022-0057-019	0022-0058-019	0022-0059-019	0022-0060-019
0022-0056-025	0022-0057-025	0022-0058-025	0022-0059-025	0022-0060-025
0022-0056-032	0022-0057-032	0022-0058-032	0022-0059-032	0022-0060-032

22

Bone Instruments

Bone Gouges

22



mm **Lexer**
05 0022-0061-005
10 0022-0061-010
15 0022-0061-015
28 cm/11"



Lexer
0022-0062-005
0022-0062-010
0022-0062-015
25 cm/10"



Lexer
0022-0063-005
0022-0063-010
0022-0063-015
25 cm/10"



0022-0064-001



0022-0065-002



0022-0066-003



Cobb
28 cm/11"



0022-0067-004

22

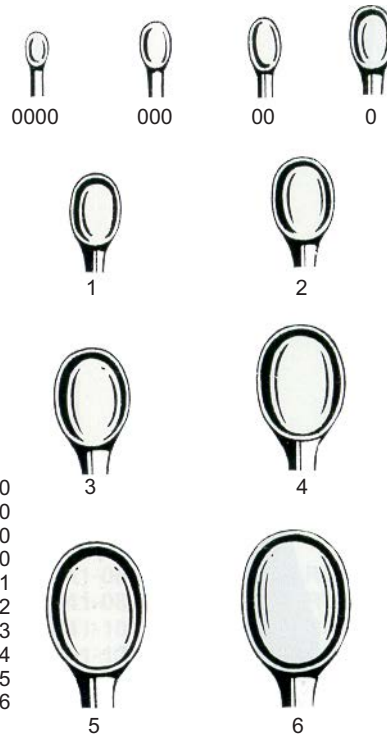
Bone Instruments

Bone Currettes

22



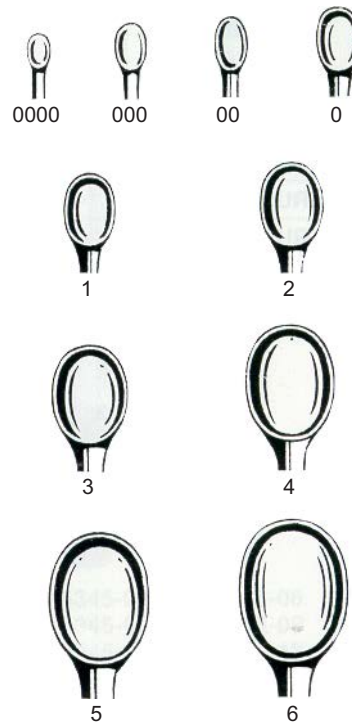
Volkmann
17 cm/6¾"



- Fig.
0000 0022-0068-040
000 0022-0068-030
00 0022-0068-020
0 0022-0068-010
1 0022-0068-001
2 0022-0068-002
3 0022-0068-003
4 0022-0068-004
5 0022-0068-005
6 0022-0068-006



Volkmann
17 cm/6¾"



- Fig.
0000 0022-0069-040
000 0022-0069-030
00 0022-0069-020
0 0022-0069-010
1 0022-0069-001
2 0022-0069-002
3 0022-0069-003
4 0022-0069-004
5 0022-0069-005
6 0022-0069-006

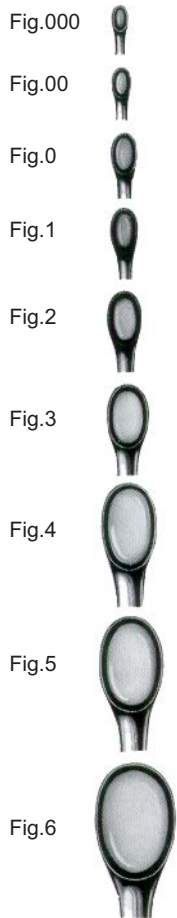


Fig.	A	B	C	D
000	0022-0070-030	0022-0071-030	0022-0072-030	0022-0073-030
00	0022-0070-020	0022-0071-020	0022-0072-020	0022-0073-020
0	0022-0070-010	0022-0071-010	0022-0072-010	0022-0073-010
1	0022-0070-001	0022-0071-001	0022-0072-001	0022-0073-001
2	0022-0070-002	0022-0071-002	0022-0072-002	0022-0073-002
3	0022-0070-003	0022-0071-003	0022-0072-003	0022-0073-003
4	0022-0070-004	0022-0071-004	0022-0072-004	0022-0073-004
5	0022-0070-005	0022-0071-005	0022-0072-005	0022-0073-005
6	0022-0070-006	0022-0071-006	0022-0072-006	0022-0073-006

22

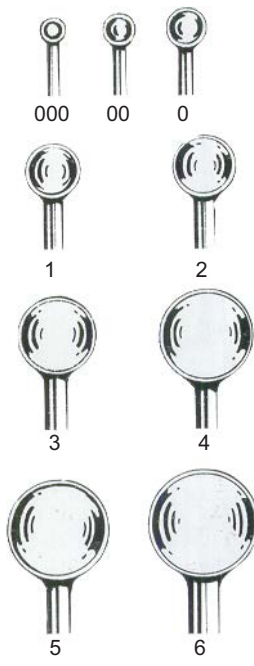
Bone Instruments

Bone Currettes

22



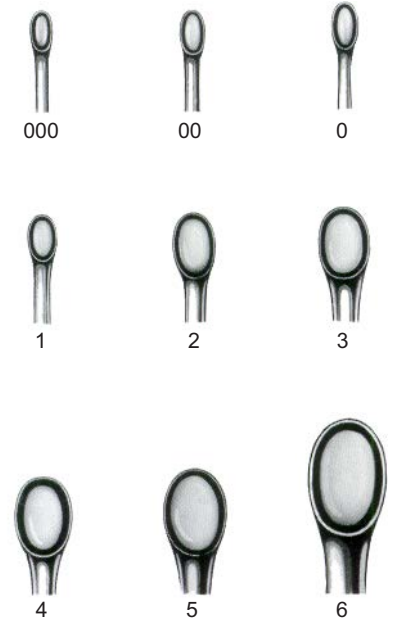
Brun's
17 cm/6¾"



Brun's	Fig.	Spratt
0022-0074-030	000	0022-0075-030
0022-0074-020	00	0022-0075-020
0022-0074-010	0	0022-0075-010
0022-0074-001	1	0022-0075-001
0022-0074-002	2	0022-0075-002
0022-0074-003	3	0022-0075-003
0022-0074-004	4	0022-0075-004
0022-0074-005	5	0022-0075-005
0022-0074-006	6	0022-0075-006



Spratt
16 cm/6¼"



Swedish pattern

mm	Round	Oval
2	0022-0076-002	0022-0077-002
3	0022-0076-003	0022-0077-003
4	0022-0076-004	0022-0077-004
5	0022-0076-005	0022-0077-005
6	0022-0076-006	0022-0077-006
7	0022-0076-007	0022-0077-007
8	0022-0076-008	0022-0077-008
10	0022-0076-010	0022-0077-010
12	0022-0076-012	0022-0077-012
14	0022-0076-014	0022-0077-014
	17cm/6¾"	22cm/8½"

22

Bone Instruments

Bone Currettes

22



Schede
17 cm/6¾"



Fig.	
000	0022-0078-030
00	0022-0078-020
0	0022-0078-010
1	0022-0078-001
2	0022-0078-002
3	0022-0078-003
4	0022-0078-004



Williger
17.5 cm/7"



Straight, Oval

0022-0079-020
0022-0079-010
0022-0079-001
0022-0079-002



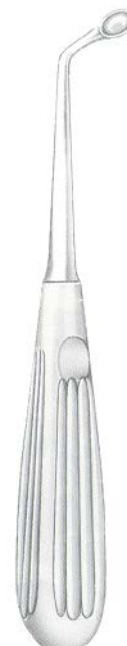
Straight

Fig.	
00	0022-0080-020
0	0022-0080-010
1	0022-0080-001
2	0022-0080-002



0022-0081-001

Uffenorde
17 cm/6¾"



0022-0081-002

22

Bone Instruments

Bone Curettes

22



Volkman
27 cm/10½"



Simon
24 cm/9½"



Simon
24 cm/9½"



Daubenspeck
20 cm/8"

22

Bone Instruments

Bone Currettes

22

Flexible



22

Bone Instruments

Bone Curettes

22



Length	Volkmann		Volkmann	
	Oval/Oval		Oval/Round	
cm in				
13 5"	0022-0090-013		0022-0091-013	
14 5½"	0022-0090-014			
16 6¼"			0022-0091-016	
17 6¾"	0022-0090-017			
20 8"	0022-0090-020		0022-0091-020	



Martini
13.5 cm/5"



Jansen
0022-0093-015
15 cm/6"



Jansen
0022-0094-016
16 cm/6¼"



Williger
13.5 cm/5"



Jacobson
0022-0096-013
13 cm/5"



Janson
0022-0097-015
15 cm/6"



Barth
0022-0098-018
18 cm/7"

22

Bone Instruments
Bone Currettes

22



0022-0099-021
21 cm/8 1/4"



Epstein



Spinal



Spinal

Fig.			
000	0022-0100-030	0022-0101-030	0022-0102-030
00	0022-0100-020	0022-0101-020	0022-0102-020
0	0022-0100-010	0022-0101-010	0022-0102-010
1	0022-0100-001	0022-0101-001	0022-0102-001
2	0022-0100-002	0022-0101-002	0022-0102-002
3	0022-0100-003	0022-0101-003	0022-0102-003
4	0022-0100-004	0022-0101-004	0022-0102-004
5	0022-0100-005	0022-0101-005	0022-0102-005
6	0022-0100-006	0022-0101-006	0022-0102-006
	20 cm/8"	20 cm/8"	20 cm/8"

22

Bone Instruments

Bone Files and Rasps

22



Putti
0022-0103-030
30 cm/12"



Putti
0022-0104-027
27 cm/10½"



0022-0105-025
25 cm/10"



0022-0106-024
24 cm/9½"



0022-0107-022
22 cm/8¾"

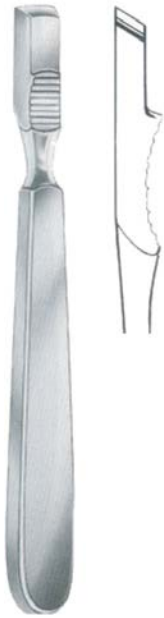


22

Bone Instruments

Periosteal Raspatories

22



Farabeuf
0022-0108-015
15 cm/6"



Farabeuf
0022-0109-015
15 cm/6"



Farabeuf-Collin
0022-0110-015
15.5 cm/6"
11 mm



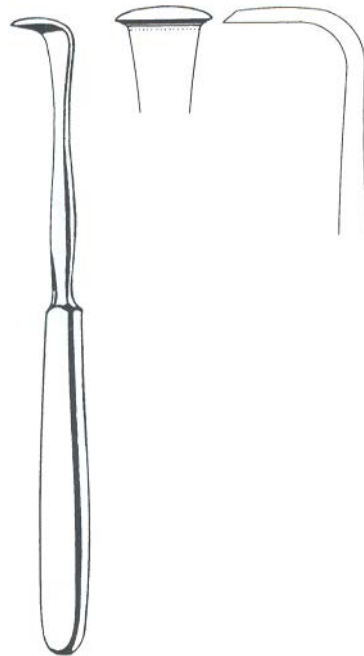
Farabeuf-Collin
0022-0110-015
15.5 cm/6"
11 mm



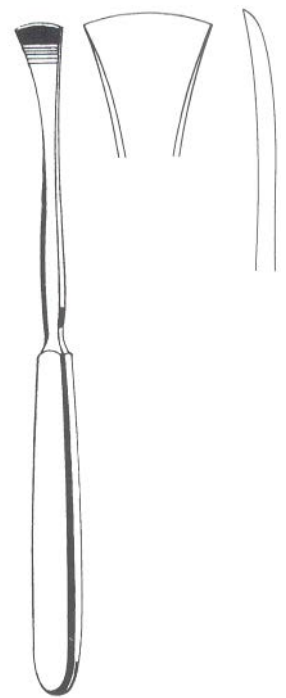
Sedillot
0022-0111-018
18 cm/7"
18 mm



Sedillot
0022-0112-021
21 cm/8 1/4"
15 mm



Langenbeck
0022-0113-018
18 cm/7"



Langenbeck
0022-0114-019
19 cm/7 1/2"

22

Bone Instruments

Periosteal Raspatories

22



Lambotte
21 cm/8¼"

Width

0022-0115-005	05
0022-0115-010	10
0022-0115-015	15
0022-0115-020	20
0022-0115-025	25



Schneider
0022-0116-017
17.5 cm/7"
13 mm



Schneider-Sauerbruch
0022-0117-019
19 cm/7½"
13 mm



Alexander
0022-0118-020
20 cm/8"



Jansen
0022-0119-016
16.5 cm/6½"
15 mm



Seldin
0022-0120-019
19 cm/7½"



Davidson-Alexander
0022-0121-029
29 cm/11½"



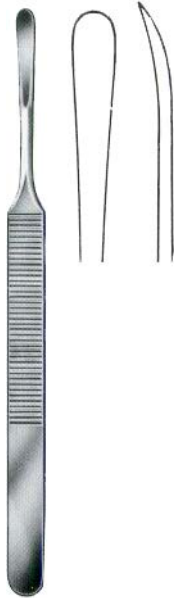
Williger
0022-0122-013
13 cm/5"

22

Bone Instruments

Periosteal Raspatories

22



Konig
0022-0123-015
15.5 cm/6"
5 mm



Williger
0022-0124-016
16 cm/6¼"



Adson
17 cm/6¾"



0022-0125-001



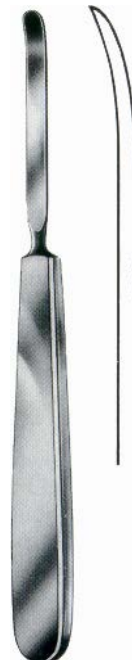
0022-0125-002



0022-0125-003



0022-0125-004



0022-0126-006
6 mm

17 cm/6¾"



0022-0126-008
8 mm

22

Bone Instruments

Periosteal Raspatories

22



Overholt
0022-0127-029
29.5 cm/11½"



Overholt
0022-0128-029
29.5 cm/11½"



Overholt
0022-0129-028
28.5 cm/11¼"



Hylin
0022-0130-003
14.5 cm/5¾"



0022-0130-001



0022-0130-002



0022-0130-003



Matson
0022-0131-022
22 cm/8¾"

22

Bone Instruments Periosteal Respiratories

22



Semb



0022-0132-001
19.5 cm/7 1/2"
12 mm



0022-0132-002
19.5 cm/7 1/2"
12 mm



0022-0132-003
19.5 cm/7 1/2"
12 mm



0022-0132-004
22 cm/8 3/4"
13 mm



0022-0132-005
21.5 cm/8 1/2"
13 mm



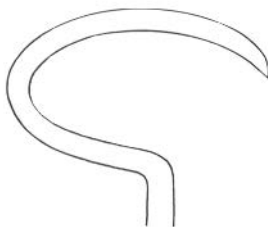
0022-0132-006
22 cm/8 1/2"
15 mm



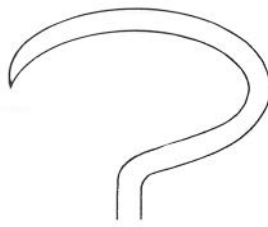
0022-0132-007
22 cm/8 1/2"
15 mm



Doyen
17 cm/6 3/4"



0022-0133-001



0022-0133-002



0022-0134-001



0022-0134-002



0022-0135-001



Doyen
24 cm/9 1/2"



0022-0135-002

22

Bone Instruments

Periosteal Raspatories

22



0022-0136-004
4 mm



0022-0136-006
6 mm



0022-0136-008
8 mm



Cobb
24 cm/9½"



0022-0136-010
10 mm



0022-0136-013
13 mm



0022-0136-019
19 mm



0022-0136-025
25 mm

22

Bone Instruments

Periosteal Respiratories

22



0022-0137-001
19 cm/7½"
6 mm



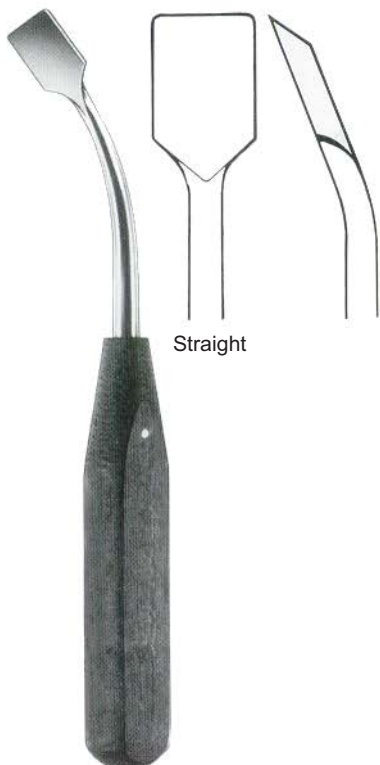
0022-0138-002
18.5 cm/7¼"
3 mm



0022-0139-003
18.5 cm/7¼"
6 mm



0022-0140-004
18.5 cm/7¼"
6 mm



0022-0141-005
18.5 cm/7¼"
13 mm



0022-0142-006
19.5 cm/7¾"
14 mm



0022-0143-007
18.5 cm/7¼"
14 mm



0022-0144-008
20 cm/8"
20 mm

22

Bone Instruments Periosteal Rastatories

22



0022-0145-020		8 mm		0022-0146-008		33 cm/13"		10 mm		0022-0147-010		25 cm/10"		10 mm		0022-0148-010		28 cm/11"	
27.5 cm/10 ³ / ₄ "		17 mm		0022-0146-017		33 cm/13"		13 mm		0022-0147-013		25 cm/10"		13 mm		0022-0148-013		28 cm/11"	
20 mm								19 mm		0022-0147-019		25 cm/10"		19 mm		0022-0148-019		28 cm/11"	
								25 mm		0022-0147-025		25 cm/10"							

22

Bone Instruments Elevators

22



0022-0149-007
16 cm/6¼"
7 mm

0022-0149-015
18.5 cm/7¼"
15 mm

0022-0149-020
19 cm/7½"
20 mm

Hoen



Yankauer
0022-0150-018
18 cm/7"



Langenbeck
0022-0151-020
20 cm/8"
8 mm



Langenbeck
0022-0152-020
20 cm/8"
10 mm



Langenbeck
0022-0153-023
23 cm/9"
11 mm



Williger
0022-0154-005
5 mm



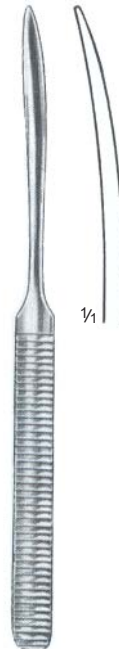
Williger
0022-0154-006
6 mm



Williger
0022-0154-007
7 mm



Williger
0022-0155-016
16 cm/6¼"



Williger
0022-0156-017
17 cm/6¾"



Quervain
0022-0157-020
20 cm/8"

22

Bone Instruments Elevators

22



Hohman-Willinger
0022-0158-016
16 cm/6¼"



Key

6 mm	0022-0159-006	19 cm/7½"
12 mm	0022-0159-012	19 cm/7½"
19 mm	0022-0159-019	19 cm/7½"
25 mm	0022-0159-025	19 cm/7½"

6 mm

12 mm

19 mm

25 mm



Konig
0022-0160-015
15 cm/6"
4.5 mm



Konig
0022-0161-015
15 cm/6"
4.5 mm



Alderdyce
0022-0162-021
21 cm/8¼"



Robb
0022-0163-021
21 cm/8¼"



McDonald
0022-0164-019
19 cm/7½"



Watson-Cheyne
0022-0165-019
17.5 cm/7"



Sebilleau
0022-0166-017
17 cm/6¾"

22

Bone Instruments

Bone Levers

22



0022-0167-014
14 cm/5 1/2"
2.8 mm



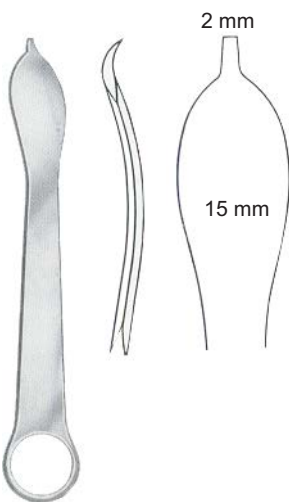
0022-0168-015
15 cm/6"
5 mm



0022-0169-015
15 cm/6"
7 mm



Buck-Gramcko
0022-0170-015
15 cm/6"



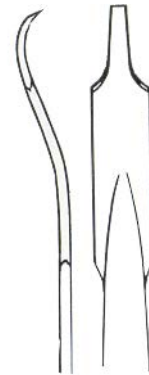
0022-0171-012
12.5 cm/5"



Mini-Hohmann
16 cm/6 1/4"



0022-0172-006
6 mm



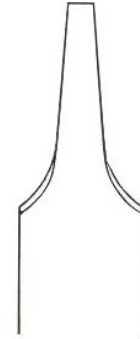
0022-0172-008
8 mm

22

Bone Instruments

Bone Levers

22



0022-0176-017 17 mm
0022-0176-018 18 mm



0022-0173-026
26.5 cm/10½"
24 mm



Lange-Hohmann
0022-0174-026
26 cm/10¼"
22 mm



Hohmann
0022-0175-022
22 cm/8¾"
8 mm



Hohmann
24 cm/9½"

22

Bone Instruments

Bone Levers

22



0022-0177-017 17 mm



Hohmann
0022-0177-026
26 cm/10¼"
22 mm



Hohmann
0022-0177-028
28 cm/11"
33 mm



Hohmann
0022-0178-024
24 cm/9½"
43 mm



Hohmann
0022-0179-024
24.5 cm/9¾"
43 mm



Hohmann
0022-0180-024
24 cm/9½"
70 mm



Hohmann
0022-0181-022
22 cm/8¾"
18 mm

22

Bone Instruments

Bone Levers

22



Lange-Hohmann modif
30 mm 0022-0182-026 26.5 cm/10 1/2"
33 mm 0022-0182-029 29.0 cm/11 1/2"

Hohmann-Aldinger
0022-0183-027
27 cm/10 1/2"

Schumacher
(Wagner)
0022-0184-034
34.5 cm/13 1/2"

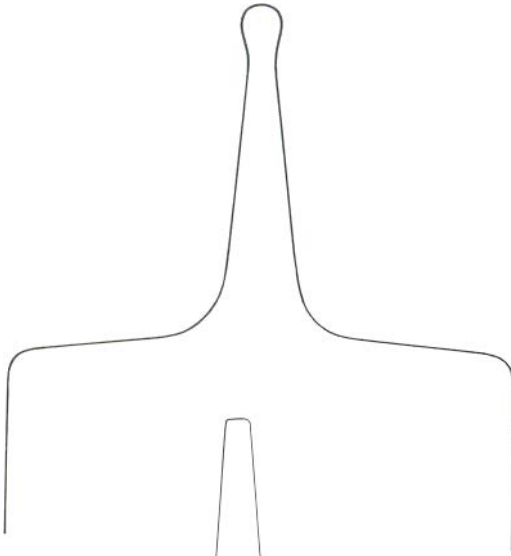
Schumacher
0022-0185-029
29 cm/11 1/2"

22

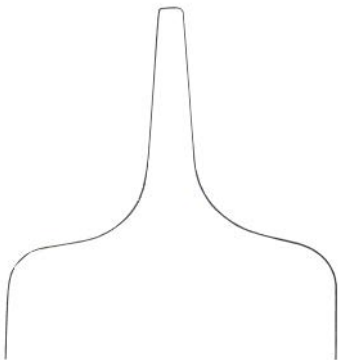
Bone Instruments

Bone Levers

22



0022-0186-025
25.5 cm/10"
65 mm



0022-0186-024
24 cm/9 "
42 mm



Verbrugge-Muller



Lane Trethowan
0022-0187-021
21.5 cm/8½"



Lane
0022-0188-025
25.5 cm/10"



Bristow
0022-0189-023
23 cm/9"



Watson-Jones
0022-0190-028
28 cm/11"

22

Bone Instruments
Bone Levers

22



Murphy-Lane
0022-0191-032
32 cm/12½"



Chandler

Length	Width	
18 cm	13 mm	0022-0192-013
20 cm	19 mm	0022-0192-019
23 cm	25 mm	0022-0192-023
25 cm	30 mm	0022-0192-030



Blount
0022-0193-026
26 cm/10¼"



Blount
0022-0194-026
26 cm/10¼"



Bennett 0022-0195-043 43 mm
24 cm/9½" 0022-0195-060 60 mm

22

Bone Instruments Meniscus and Spinal Retractors

22



Smillie
14 cm/5½"

0022-0196-001
32x19 mm

0022-0196-002
48x19 mm

0022-0196-003
57x19 mm



0022-0196-004
52x13 mm



0022-0196-005
12x13 mm

Spinal retractors



0022-0197-001
75x30 mm

0022-0197-002
100x30 mm

Taylor
17 cm/6½"



0022-0198-021
21.5 cm/8½"

Meniscus retractors



Blount
0022-0199-017
17.5 cm/7"

22

Bone Instruments Meniscotomy Knives

22



Smillie
0022-0200-017
17 cm/6 3/4"



Smillie
0022-0201-017
17 cm/6 3/4"



Smillie
0022-0202-017
17 cm/6 3/4"



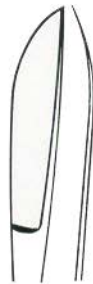
Salenius
0022-0203-022
22 cm/8 3/4"



Salenius
0022-0204-022
22 cm/8 3/4"



0022-0206-001



0022-0206-002



0022-0205-017
17.5 cm/7"



Neff
21.5 cm/8 1/2"



Canad-Modell
0022-0207-001 20 cm/8"



0022-0207-002



Bircher
0022-0208-020
20.5 cm/8"

22

Bone Instruments

Bone Holding Forceps

22



22

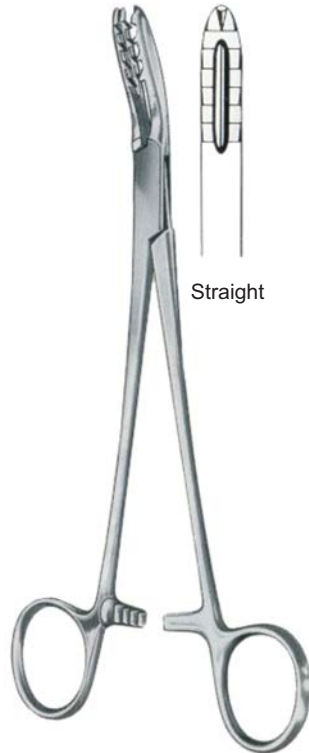
Bone Instruments

Bone Holding Forceps

22



Martin
0022-0214-019
19 cm/7½"



Bircher-Ganske
0022-0215-020
20 cm/8"



Bircher-Ganske
0022-0216-020
20 cm/8"



Lewin
0022-0217-017
17.5 cm/7"



Langenbeck
0022-0218-021
21 cm/8¼"



Fergusson
0022-0219-021
21 cm/8¼"

22

Bone Instruments

Bone Holding Forceps

22



0022-0220-016
16 cm/6¼"
0022-0220-024
24 cm/9½"



Without Ratchet	Kern		With Ratchet
	cm	in	
0022-0221-017	17	6¾"	0022-0222-017
0022-0221-021	21	8¼"	0022-0222-021



Ulrich

0022-0223-018	18 cm/7"	0022-0224-018
0022-0223-023	23 cm/9"	0022-0224-023
0022-0223-025	25 cm/10"	0022-0224-025
0022-0223-028	28 cm/11"	0022-0224-028



Ulrich



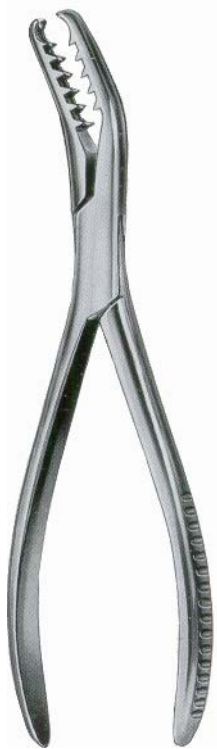
Hey Groves	
0022-0225-021	20 cm/8"
0022-0225-027	25 cm/10"
0022-0225-030	30 cm/12"

22

Bone Instruments

Bone Holding Forceps

22



Semb
0022-0226-019
19 cm/7½"



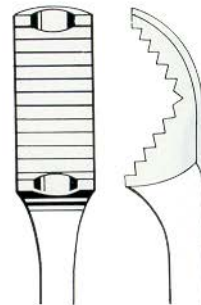
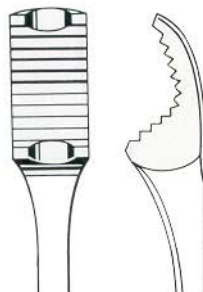
Semb
0022-0227-019
19 cm/7 ½"



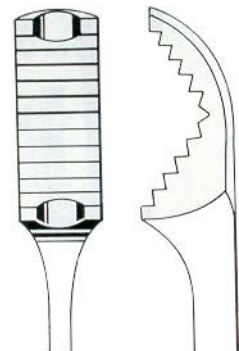
Verbrugge
0022-0228-017
17.5 cm/7"



0022-0229-025
25 cm/10"



0022-0229-026
26 cm/10¼"
Verbrugge



0022-0229-027
27 cm/10½"

22

Bone Instruments

Bone Holding Forceps and Retractors

22



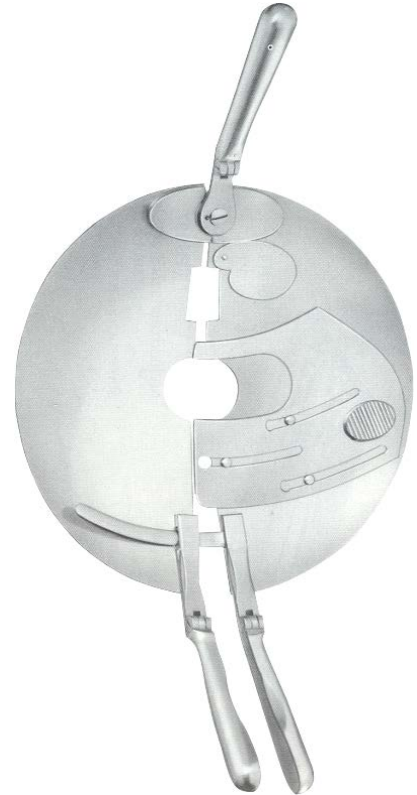
**Self
Centring**

0022-0230-015 15 cm/6"
0022-0230-019 19 cm/7 1/2"
0022-0230-024 24 cm/9 1/2"
0022-0230-026 26 cm/10 1/4"
0022-0230-028 28 cm/11"



Handles Detachable

Percy
0022-0231-030



Perey
0022-0232-000



Adjustable

Lambotte

0022-0233-022 22 cm/8 3/4"
0022-0233-027 27 cm/10 1/2"
0022-0233-030 30 cm/12"



Farabeuf

0022-0234-023 23 cm/9"
0022-0234-026 26 cm/10 1/4"



Lambotte

0022-0235-022 22.5 cm/9"
0022-0235-025 25.5 cm/10 1/2"
0022-0235-033 33 cm/13 1/2"

22

Bone Instruments

Bone Holding Forceps

22



16 cm/6 1/4"



Fig. 1
0022-0236-001



Fig. 2
0022-0236-002



0022-0237-014
14.5 cm/5 3/4"



0022-0237-012
12 cm/4 3/4"



Farabeuf-Lambotte
0022-0238-026
26 cm/10 1/4"



Lambotte
0022-0239-019 19 cm/7 1/2"
0022-0239-023 23 cm/9"
0022-0239-026 26 cm/10 1/4"



Without Ratchet

0022-0240-033
0022-0240-045

Lane
cm in
33 13"
45 17 3/4"

With Ratchet

0022-0241-033
0022-0241-045

22

Bone Instruments

Bone Holding Forceps and Bone Holding Clamps

22



0022-0242-013
13.5 cm/5¼"



0022-0243-020
20 cm/8"



0022-0244-017
17 cm/6¾"

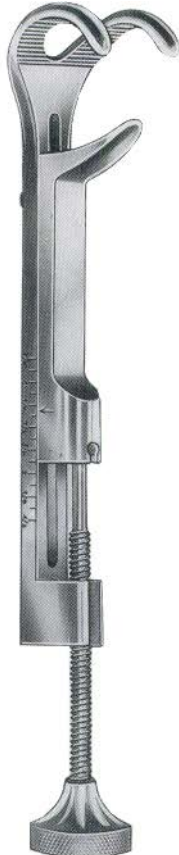


Ollier

0022-0245-019 19 cm/7½"
0022-0245-022 22 cm/8¾"
0022-0245-027 27 cm/10½"



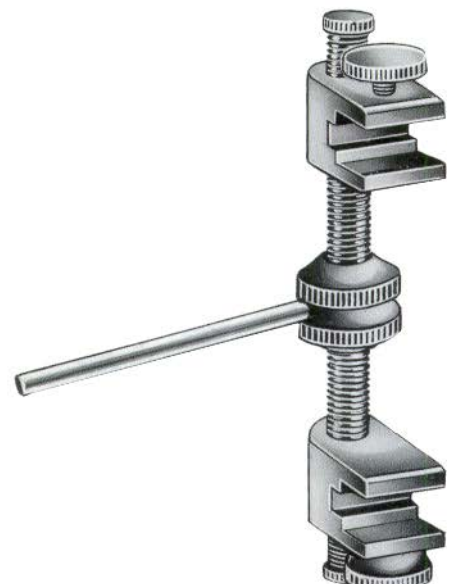
Lowman-Hoglund
0022-0246-019
19 cm/7½"



Lowman
0022-0247-018 18 cm/7"
0022-0247-020 20 cm/8"
0022-0247-022 22 cm/8¾"



Lowman
0022-0248-012
12 cm/4¾"



Traction Bar

0022-0249-018
0022-0249-050

22

Bone Instruments

Bone Rongeur Forceps

22



Clovis Vincent
0022-0250-021 21 cm/8 1/4"
0022-0250-026 26 cm/10 1/4"



Bane-Hartmann
0022-0251-017
17.5 cm/7"



Mini-Friedmann
0022-0252-012
12.5 cm/5"



Friedmann
0022-0253-014
14 cm/5 1/2"

22

Bone Instruments

Bone Rongeur Forceps

22



Friedmann-Delicate
15 cm/6"

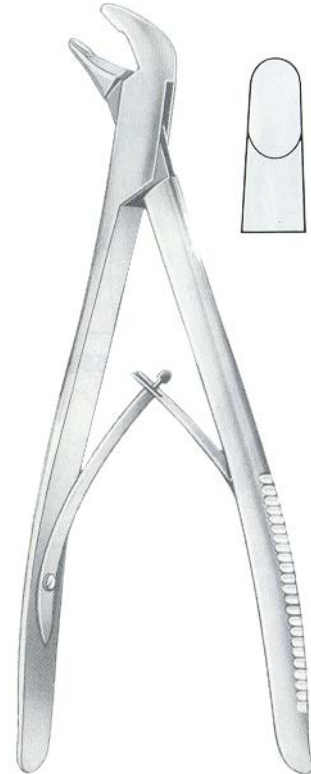


0022-0254-015



90°

0022-0255-015



Bacon
0022-0256-020
20 cm/8"



Cleveland
0022-0257-014 14 cm/5 1/2"
0022-0257-017 17 cm/6 3/4"



Hartmann
0022-0258-018
18.5 cm/7 1/4"



Olivecrona
0022-0259-020
20 cm/8"

22

Bone Instruments

Bone Rongeur Forceps

22



0022-0260-016



0022-0261-016

Mead
16.5 cm/6½"



Lempert

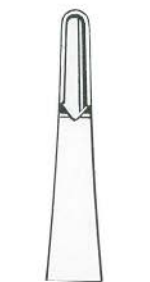
	Straight	cm	in	Curved
0022-0262-016	16	6¼"		0022-0263-016
0022-0262-019	19	7½"		0022-0263-019



Beyer
0022-0264-018
18 cm/7"



Jansen
18 cm/7"



0022-0265-017



0022-0266-017



Blumenthal
15.5 cm/6"



0022-0267-015



0022-0268-015



0022-0269-015



Hakansson
0022-0270-015
15.5 cm/6"

22

Bone Instruments

Bone Rongeur Forceps

22



Jansen
0022-0271-018
18 cm/7"



Luer
17 cm/6¾"



Straight
0022-0272-017

Curved
0022-0273-017



Luer
18.5 cm/7¼"

Heavy Pattern

Straight
0022-0274-018

Curved
0022-0275-018



Luer
15 cm/6"



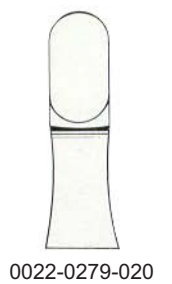
0022-0276-015

0022-0277-015

0022-0278-015



Adson
20 cm/8"



0022-0279-020

22

Bone Instruments

Bone Rongeur Forceps

22



Kleinert-Kutz
15 cm/6"



0022-0280-015
2 mm



0022-0281-015
3 mm



Bohler
15 cm/6"



0022-0282-015



0022-0283-015



**Beyer
Zaufal-Jansen**
18 cm/7"



Zaufal-Jansen
0022-0284-018



Beyer
0022-0285-018



Mayfield
0022-0286-017
17 cm/6 3/4"



Ruskin
0022-0287-018
18 cm/7"
Angled



Straight
0022-0288-018
18 cm/7"
0022-0288-023
23 cm/9"



Ruskin
0022-0289-018
18 cm/7"
0022-0289-023
23 cm/9"

22

Bone Instruments

Bone Rongeur Forceps

22



Marquardt
0022-0290-020
20 cm/8"



Rottgen-Ruskin
0022-0291-024
24 cm/9½"



0022-0292-003
3 mm



0022-0292-004
4 mm



0022-0292-005
5 mm



0022-0293-003
3 mm



0022-0293-004
4 mm



0022-0293-005
5 mm



Smith-Petersen
24 cm/9½"

22

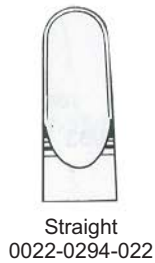
Bone Instruments

Bone Rongeur Forceps

22



Stille-Luer
22 cm/8 $\frac{3}{4}$ "



Straight
0022-0294-022



Curved
0022-0295-022



Stille-Luer
27 cm/10 $\frac{1}{2}$ "



0022-0296-027



0022-0297-027



Semb
0022-0298-023
23 cm/9"

22

Bone Instruments Boon Rongeur Forceps

22



22

Bone Instruments

Bone Cutting Forceps

22



Markwalder
0022-0306-020
20 cm/8"



Straight
0022-0307-014 14
0022-0307-017 17
0022-0307-019 19
0022-0307-022 22



Liston
Curved
0022-0308-014 5½
0022-0308-017 6¾
0022-0308-019 7½
0022-0308-022 8¾



Littauer-Liston
0022-0309-015
15 cm/6"



Cleveland
0022-0310-015 15 cm/6"
0022-0310-017 17 cm/6¾"



Bohler
15 cm/6"



Straight
0022-0311-015



Curved on flat
0022-0312-015



McIndoe
0022-0313-017
17.5 cm/7"

22

Bone Instruments

Bone Cutting Forceps

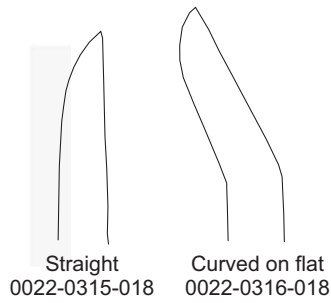
22



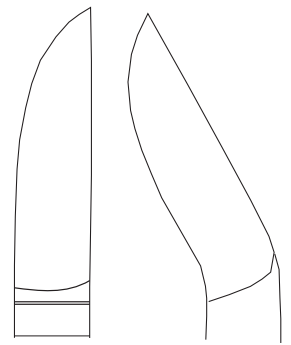
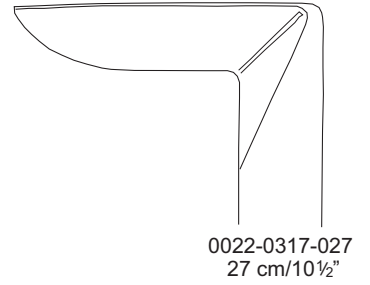
Kazanjian
0022-0314-018
18 cm/7"



Ruskin-Liston
18.5 cm/7 1/4"



Stille-Liston
23 cm/9"
27 cm/10 1/2"



Liston-Key(Horsley)
0022-0320-027
27 cm/10 1/2"



Semb
0022-0321-024
24 cm/9 1/2"

22

Bone Instruments

Nail Instruments and Finger Ring Cutters

22

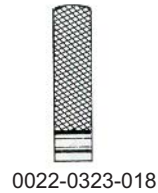
Forceps for tearing out toe and finger nails



0022-0322-013
13.5 cm/5"



18 cm/7"



0022-0323-018



0022-0324-018



0022-0325-013
13.5 cm/5 1/4"



Saw blade



0022-0326-017
17 cm/6 3/4"



0022-0327-017
17 cm/6 3/4"

Saw blade



0022-0328-017
17 cm/6 3/4"

22

Bone Instruments

Amputation and Resection Saws

22



Langenbeck
0022-0329-023
23 cm/9"



Satterlee
0022-0330-031
31 cm/12 1/4"



Charriere
0022-0331-027 27 cm/10 1/2"
0022-0331-030 30 cm/12"
0022-0331-034 34 cm/13 1/2"



Charriere

Spare saw blades
0022-0332-012 12 mm
0022-0332-015 15 mm
Complete with 2 blades
0022-0332-035



Helferich-Bier

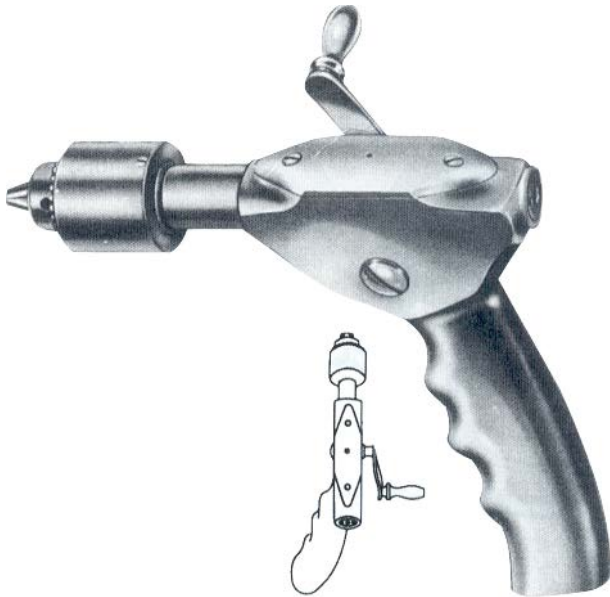
Spare saw blades
0022-0333-043 3 mm
0022-0333-045 5 mm
0022-0333-047 7 mm
Complete with 3 blades
0022-0333-039

22

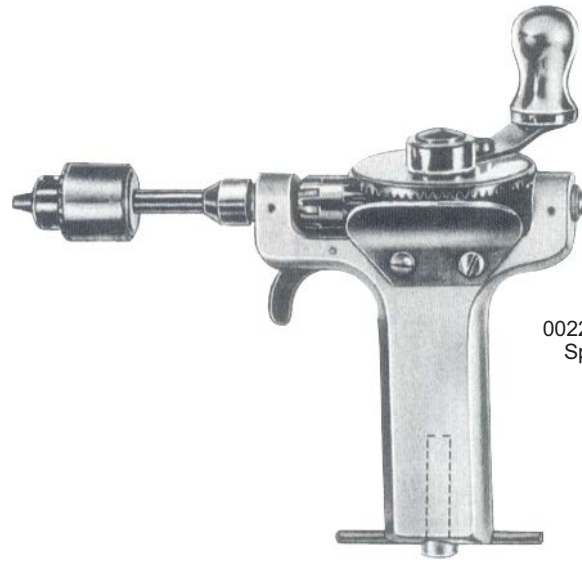
Bone Instruments

Bone Drills

22



Ralk
0022-0334-000
accomodating up to 6.35mmØ



0022-0335-001
Spare key

Bunell
0022-0335-000
16cm/6 1/4"
accomodating up to 4mmØ



0022-0336-011
Key, only



Adjustable handle
0022-0336-000
28cm/11"



Hudson
0022-0337-000
27cm/10½"



Fig. 1
0022-0337-001
Ø mm



Fig. 2
0022-0337-002
14mm



Fig. 3
0022-0337-003
16mm



Fig. 4
0022-0337-004
22mm



Cushing
0022-0337-005
Ø 14mm



Mckenzie
0022-0337-009
Ø 13mm



Fig. 1
0022-0338-001
Ø 2,5mm



Fig. 2
0022-0338-002
3,0mm



Fig. 3
0022-0338-003
3,5mm



Fig. 4
0022-0338-004
4,0mm



Fig. 5
0022-0338-005
10,0mm



Fig. 6
0022-0338-006
5,0mm



Stille
0022-0338-000



Fig. 7
0022-0338-007
Ø 8,0mm



Fig. 8
0022-0338-008
12,0mm



Fig. 9
0022-0338-009
16,0mm



Fig. 10
0022-0338-010
1,0mm



Fig. 11
0022-0338-011
1,5mm



Fig. 12
0022-0338-012
2,0mm

22

Bone Instruments

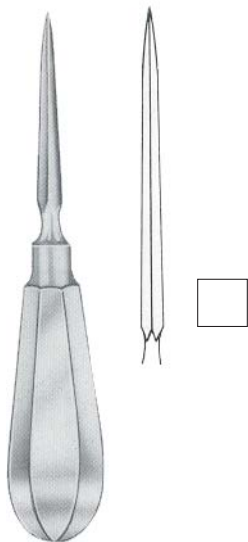
Drill Guide and Dura Protecting Forceps

22

Drill guide and dura protecting forceps



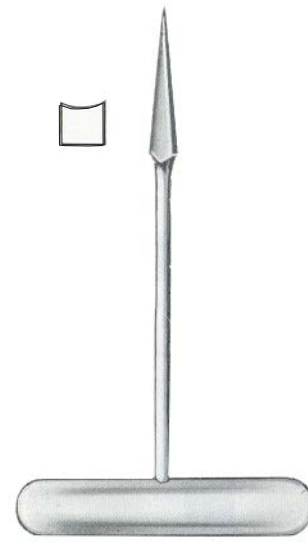
Adson
0022-0339-015
15 cm/6"



0022-0340-014
14 cm/5½"



Perthes
0022-0341-021
21 cm/8¼"



0022-0342-014
14 cm/5½"

22

Bone Instruments

Wire Seizing Forceps

22



0022-0343-014
14 cm/5½"



0022-0344-016
16 cm/6¼"



18cm/7"

grip



0022-0345-001



0022-0345-002



0022-0345-003



0022-0345-004



0022-0345-005

grip



0022-0346-018 18 cm/7"
0022-0346-020 20 cm/8"



grip



0022-0347-016
15 cm/6"

0022-0347-020
20 cm/8"



0022-0348-016
15 cm/6"



22

Bone Instruments

Wire Seizing Forceps

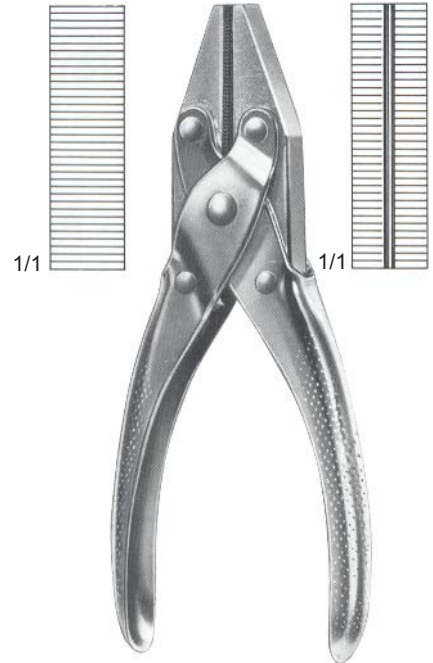
22



0022-0349-013 13 cm/5"
0022-0349-018 18 cm/7"



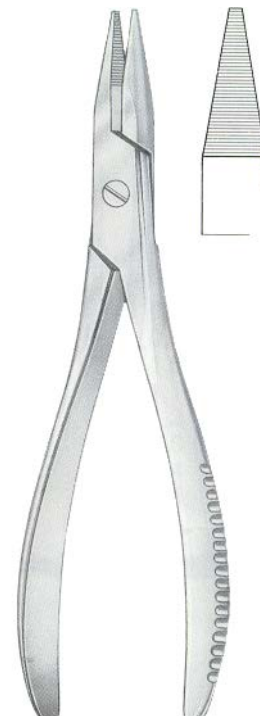
0022-0350-018
18 cm/7"



0022-0351-015
15.5 cm/6"



0022-0352-017 17 cm/6¾" 0022-0353-017



0022-0354-019
19 cm/7½"

22

Bone Instruments

Wire Cutting Pliers

22



0022-0360-015
15 cm/6"
2.0 mm



0022-0361-018
18.5 cm/7 1/4"
1.7 mm



0022-0362-016
16 cm/6 1/4"
2.0 mm

For soft wire
with a diam. of max.

For hard wire
with a diam. of max.

1.5 mm

1.7 mm

2.0 mm

22

Bone Instruments

Wire Cutting Pliers

22

cut



0022-0363-012
0.7 mm
0.5 mm
12 cm/4¾"



0022-0364-015
2.0 mm
1.0 mm
15 cm/6"



0022-0365-018
2.0 mm
1.7 mm
18 cm/7"



0022-0366-018
2.5 mm
1.5 mm
18.5 cm/7¼"



0022-0367-018
2.0 mm
1.7 mm
18 cm/7"



0022-0368-022
3.0 mm
2.5 mm
22 cm/8¾"



0022-0369-022
3.0 mm
22 cm/8¾"

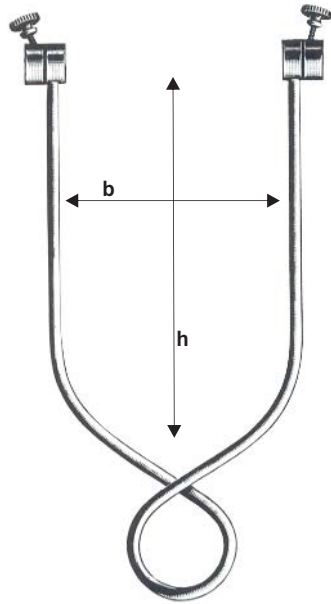


0022-0370-047 47 cm/18½"
0022-0370-057 57 cm/22½"
7.5 mm

22

Bone Instruments Extension Bows

22



Bohler

cm h x b	in h x b	
16 x 9	6 1/4 x 3 1/2	0022-0371-016
21 X 11	8 1/4 X 4 1/2	0022-0371-021
21 X 15	8" X 6"	0022-0371-015

with 3 traction hooks



Kirschner

Clear width	cm	In
0022-0372-001	9,5x7	3 3/4 x 2 3/4
0022-0372-002	10,5x10,5	4 1/4 x 4 1/4
0022-0372-003	12x12	4 3/4 x 4 3/4
0022-0372-004	15,5x15,5	6x6
0022-0372-005	20x15,5	8x6

Screw nut wrench



0022-0373-010
10 cm/4"

with 3 traction hooks



0022-0374-040



0022-0374-042



Kirschner

0022-0374-001 Small Pattern
0022-0374-002 Medium Pattern
0022-0374-003 Large Pattern



Kirschner

	cm	in
0022-0373-018	18x10	07x04
0022-0373-027	27x16	10 1/2 x 6 1/4

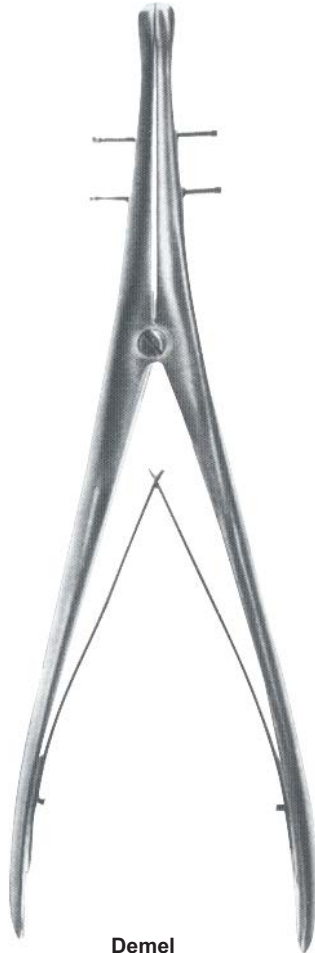
22

Bone Instruments

Bone Wire, Twisting Instrument and Guides

22

Bone Wire Guides



Demel
0022-0375-028
28 cm/11"



Loute
0022-0376-021
21 cm/8 1/4"

Bone Wire Tighteners



Demel

Bone Wire Guides

- Fig. 1 0022-0377-001
- Fig. 2 0022-0377-002
- Fig. 3 0022-0377-003

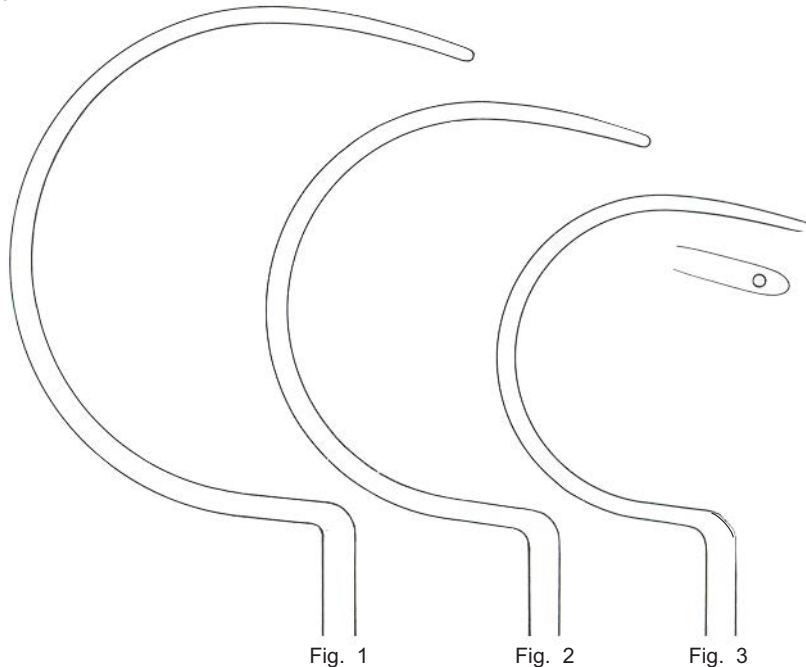


Fig. 1

Fig. 2

Fig. 3

22

Bone Instruments

Bone Nail

22



Steinmann



Schanz

length	Ø 4 mm	Ø 4,5 mm	Ø 5 mm	Ø 5 mm
8 cm	0022-0380-008	0022-0381-008	0022-0382-008	0022-0383-008
10 cm	0022-0380-010	0022-0381-010	0022-0382-010	
12 cm	0022-0380-012	0022-0381-012	0022-0382-012	0022-0383-012
14 cm	0022-0380-014	0022-0381-014	0022-0382-014	
15 cm				0022-0383-015
16 cm	0022-0380-016	0022-0381-016	0022-0382-016	
17 cm				0022-0383-017
18 cm	0022-0380-018	0022-0381-018	0022-0382-018	
20 cm	0022-0380-020	0022-0381-020	0022-0382-020	0022-0383-020
22 cm	0022-0380-022	0022-0381-022	0022-0382-022	
25 cm	0022-0380-025	0022-0381-025	0022-0382-025	0022-0383-025
30 cm	0022-0380-030	0022-0381-030	0022-0382-030	

22

Bone Instruments

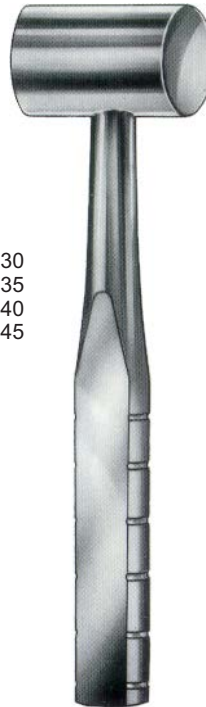
Mallets

22



Ombredanne
22 cm/8½"

Ø30 mm/500 g 0022-0384-030
Ø35 mm/700 g 0022-0384-035
Ø40 mm/900 g 0022-0384-040
Ø45 mm/1200 g 0022-0384-045



Heath
0022-0385-018
18 cm/7" Ø 40 mm



Ombredanne
0022-0386-024
Ø 40 mm
24 cm/9½"
550 g

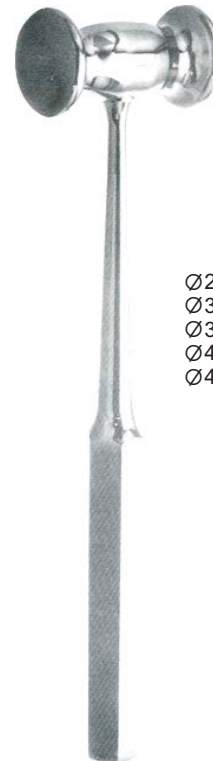


1 Side Flat
1 Side Convex

Cottle
0022-0387-019
Ø 30 mm
19 cm/7½"
350 g



Williger
0022-0388-023
23 cm/9"
150 g



Ø25 mm 250 g 0022-0389-025
Ø30 mm 350 g 0022-0389-030
Ø35 mm 500 g 0022-0389-035
Ø40 mm 600 g 0022-0389-040
Ø45 mm 750 g 0022-0389-045

Mac even
22 cm/8¾"

22

Bone Instruments

Mallets

22



0022-0390-028 28 oz
0022-0390-036 36 oz
18 cm/7"



Lucae
19 cm/7½"

Fig. 1 0022-0391-019 19mm Ø 230 g
Fig. 2 0022-0391-025 25mm Ø 260 g



0022-0392-016
16.5 cm/6½"

27mm Ø 140 g



Hajek
0022-0393-021
21.5 cm/8¾"



320 g
Ø 26 mm

Mead
0022-0394-017
17 cm/6¾"



Ø 25 mm 0022-0395-025 250 g
Ø 30 mm 0022-0395-030 350 g
Ø 35 mm 0022-0395-035 500 g
Ø 40 mm 0022-0395-040 700 g

Mac even
0022-0395-000
22 cm/8¾"



200 g
22 mm Ø
(7 oz.)

Partsch
0022-0396-018
18 cm/7"



Gerzog
0022-0397-019
19 cm/7½"

22

Bone Instruments

Mallets

22



0022-0398-023
28 mm Ø 490 g
23cm/9"



Williger
24 cm/9½"

0022-0399-026 = 26mm Ø, 300 g
0022-0399-028 = 28mm Ø, 340 g
0022-0399-030 = 30mm Ø, 400 g



0022-0400-018
18 cm/7"

30 mm Ø/220 g



Collin
0022-0401-020
20cm/8"



Ø 45 mm
300 g

Bergmann
0022-0402-024
24 cm/9½"



Ø 30 mm
400 g

Ø 42 mm

0022-0403-024
24 cm/9½"



0022-0404-001 = 450 g
0022-0404-002 = 900 g
25.5cm/10½"
Stahl, massiv
Steel, solid
Acier, solide

22

Bone Instruments Tendon Seizing Instruments

22



0022-0410-034
34cm/13½"

7 mm Ø



Spare Screw

Tendon Passing Instruments

Malleable



Bunnell

0022-0411-018 18cm/7"
0022-0411-023 23cm/9"

Tendon Strippers

mm Ø

4.0 0022-0412-040
4.5 0022-0412-045
5.5 0022-0412-055

Flexible Shaft



Bunnell
23cm/9"



Fischer
0022-1411-031
31 cm/12¼"



Brand



0022-1412-050
50 cm/19½"
6 mm Ø



0022-1412-030
30 cm/12"
3 mm Ø



Brand
0022-0413-050
50 cm/19½"



6 x 14 mm

22

Bone Instruments

Tendon Seizing Instruments

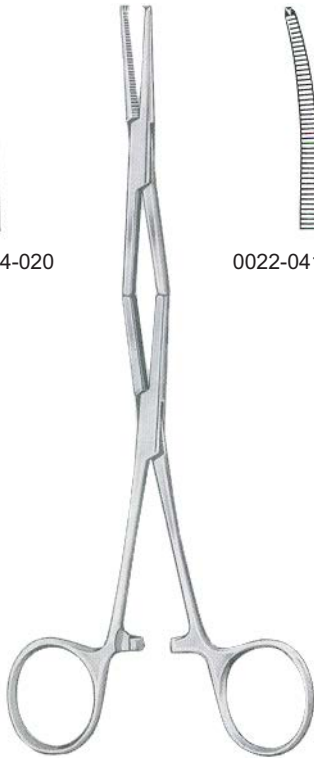
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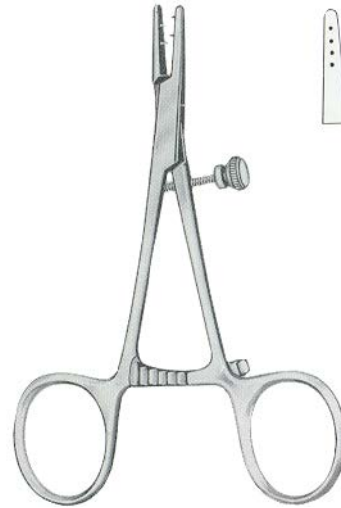
0022-0414-020



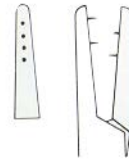
0022-0415-020



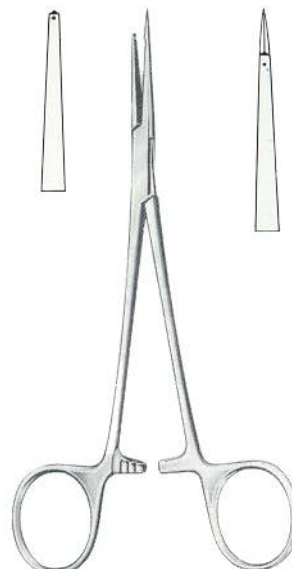
20 cm/8"



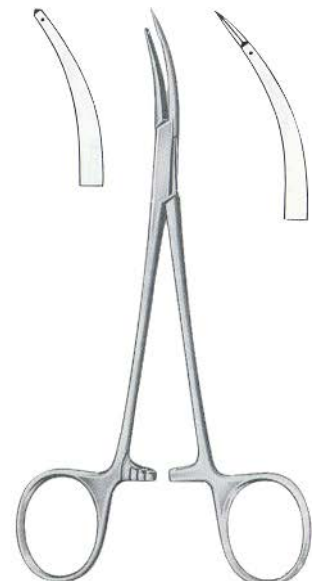
Steinmann
0022-0416-013
13 cm/5"



Caroll
0022-0417-011
11 cm/4½"



0022-0418-015
15 cm/6"

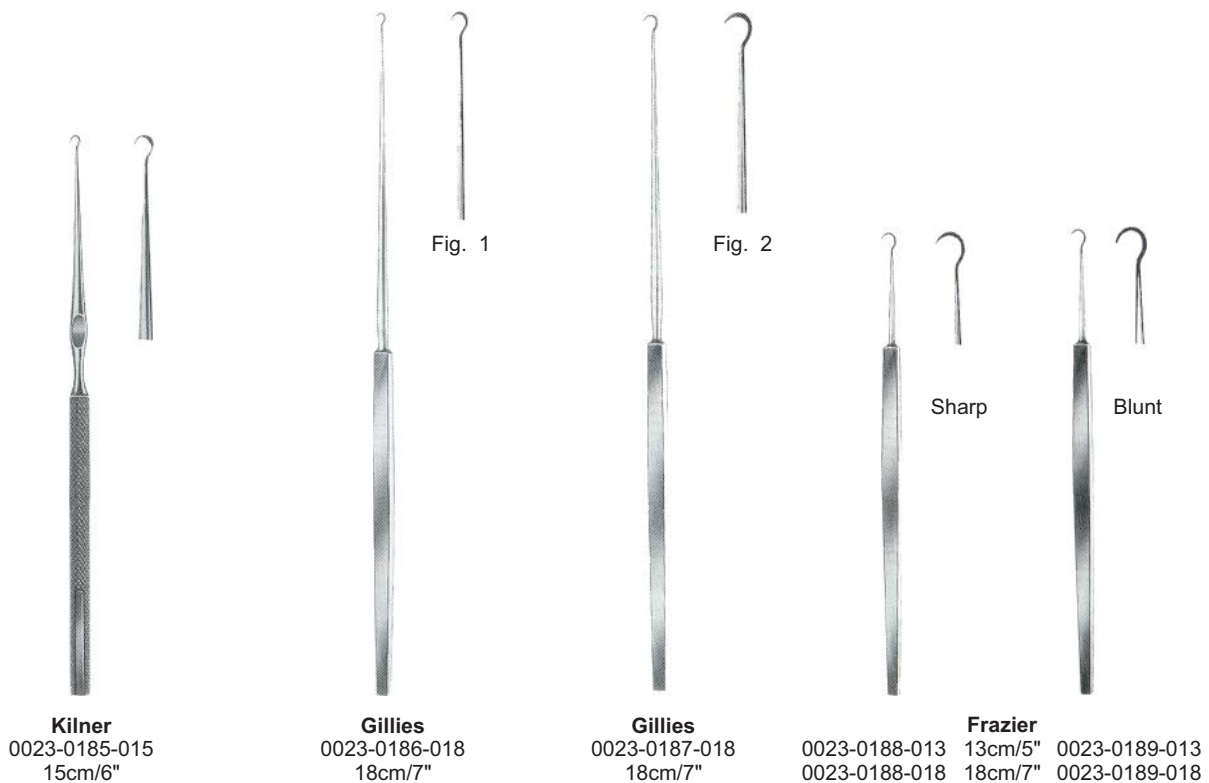


0022-0419-015
15 cm/6"

23

Neurosurgery - Laminectomy Wound and Nerve Hooks

23



23

Neurosurgery - Laminectomy Instruments for Cranial Opening

23



Hook Handle

Gigli
0023-0001-000

Wire Saws



Gigli
0023-0002-030 30 cm/12"
0023-0002-040 40 cm/16"
0023-0003-050 50 cm/20"



Conductors

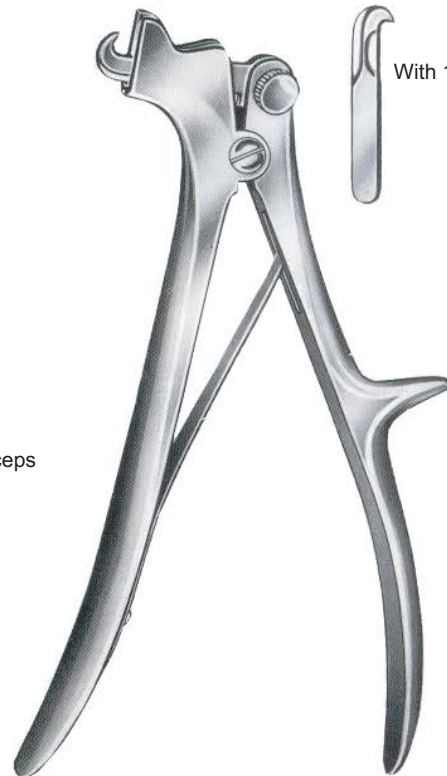
Martel
0023-0004-033
33 cm/13"



With 2 Extra Hooks

Skull Cutting Forceps

Dahlgren
0023-0005-020
20 cm/8"



With 1 Hook Each

De Vilbiss
0023-0006-021
21 cm/8 1/4"

23

Neurosurgery - Laminectomy Cervical Traction Tongs

23



Crutchfield
0023-0007-000



Crutchfield
0023-0008-000



0023-0009-000

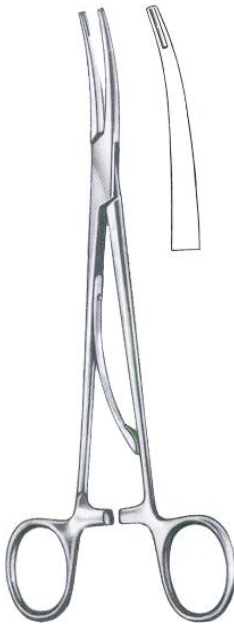


Crutchfield
0023-0010-000
Complete With 2 Drills

Applying and Removing Forceps



Raney
0023-0011-000
16 cm/6¼"



McKenzie
0023-0012-015 15 cm/6"
0023-0012-019 19 cm/7½"



Olivecrona-Tonniss
0023-0013-014

23

Neurosurgery - Laminectomy Blades for Lamina Spreaders

23

Medial



mm
0023-0014-040 40 x 20
0023-0014-045 45 x 20
0023-0014-050 50 x 20
0023-0014-055 55 x 20
0023-0014-060 60 x 20

Lateral



mm
0023-0015-040 40 x 20
0023-0015-045 45 x 20
0023-0015-050 50 x 20
0023-0015-055 55 x 20
0023-0015-060 60 x 20



mm
0023-0016-040 40 x 20
0023-0016-045 45 x 20
0023-0016-050 50 x 20
0023-0016-055 55 x 20
0023-0016-060 60 x 20



Blunt Blades, For Taking
mm
0023-0017-050 50 x 25
0023-0017-060 60 x 25



mm
0023-0018-035 35 x 52
0023-0018-040 40 x 52
0023-0018-045 45 x 52
0023-0018-050 50 x 52
0023-0018-055 55 x 52
0023-0018-060 60 x 52
0023-0018-065 65 x 52
0023-0018-070 70 x 52



mm
0023-0019-035 35 x 37
0023-0019-040 40 x 37
0023-0019-045 45 x 37
0023-0019-050 50 x 37
0023-0019-055 55 x 37
0023-0019-060 60 x 37
0023-0019-065 65 x 37
0023-0019-070 70 x 37



mm
0023-0020-035 35 x 22
0023-0020-040 40 x 22
0023-0020-045 45 x 22
0023-0020-050 50 x 22
0023-0020-055 55 x 22
0023-0020-060 60 x 22
0023-0020-065 65 x 22
0023-0020-070 70 x 22



mm
0023-0021-050 50

Hook



mm
0023-0022-070 70

23

Neurosurgery - Laminectomy Lamina Spreaders

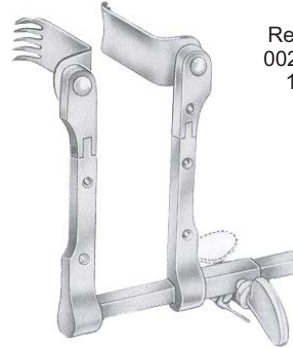
23



Retractor Only
0023-0023-001
15 cm/6"

Caspar
0023-0023-000

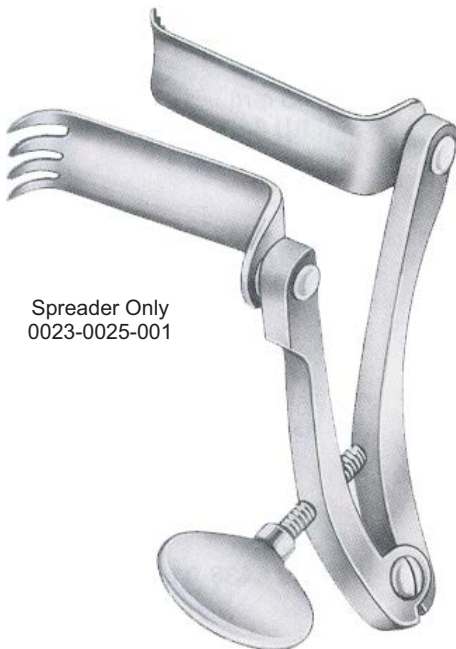
Retractor Complete With
1 Blade Each
0023-0020-040
0023-0021-050



Retractor Only
0023-0024-001
12 cm/4¾"

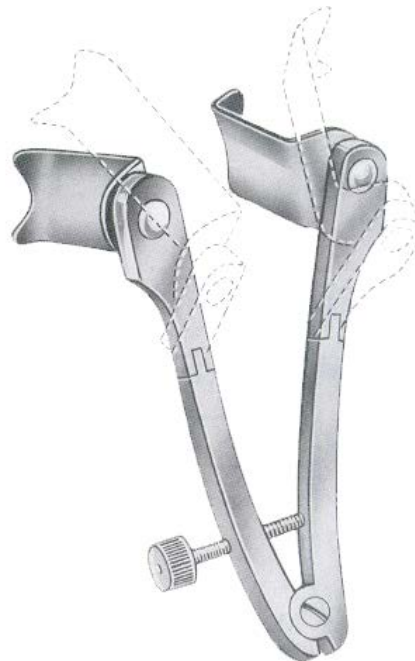
Caspar
0023-0024-000

Retractor Complete With
1 Blade Each
0023-0014-040
0023-0015-040



Spreader Only
0023-0025-001

Caspar
0023-0025-000
Retractors Only
Spreader Complete With
1 Blade Each
0023-0014-045
0023-0014-060



Spreader Only
0023-0026-001

Caspar
0023-0026-000
Spreader Only
Retractor Complete With
1 Blade Each
0023-0016-040
0023-0016-060

23

Neurosurgery - Laminectomy Lamina Spreaders

23

0023-0027-001
15 cm/6"
Retractor only

Caspar
0023-0027-000
0023-0027-045
0023-0027-065
Retractor complete with
1 blade each



0023-0028-001
15 cm/6"
Retractor only

Caspar
0023-0028-000
0023-0028-045
0023-0028-065
Retractor adjustable, con
1 blade each



0023-0029-001
Retractor only
with 1 fixed blade

Caspar
0023-0029-000
Retractor complete,
with 5 blades

0023-0029-040
40 mm



0023-0029-045
45 mm



0023-0029-050
50 mm



0023-0029-055
55 mm



0023-0029-060
60 mm



23

Neurosurgery - Laminectomy Lamina Spreaders

23



0023-0030-001
Retractor only

Cloward
0023-0030-000
25 cm/10"
complete with 5 blades



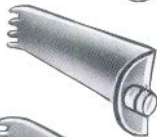
0023-0030-040
15x40 mm



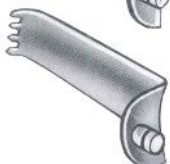
0023-0030-045
15x45 mm



0023-0030-050
15x50 mm



0023-0030-055
15x55 mm



0023-0030-060
15x60 mm



0023-0031-001
Retractor only

Cloward
0023-0031-000
15 cm/6"
complete with 5 blades



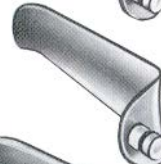
0023-0031-040
15x40 mm



0023-0031-045
15x45 mm



0023-0031-050
15x50 mm



0023-0031-055
15x55 mm



0023-0031-060
15x60 mm

23

Neurosurgery - Laminectomy Lamina Spreaders

23



Inge
0023-0032-016
16 cm/6 1/4"



Inge
0023-0032-027
27 cm/10 3/4"



Cloward
0023-0033-015
15 cm/6"



Cloward
0023-0034-016
16 cm/6 1/4"

23

Neurosurgery - Laminectomy Lamina Spreaders

23

Muscle blades



Frame
0023-0035-001

Hey
0023-0035-000
0023-0036-000
23 cm/9"



0023-0035-050
20x50 mm



0023-0035-060
20x60 mm



0023-0035-070
20x70 mm

Vertebra-pins



0023-0036-050
50 mm



0023-0036-060
60 mm

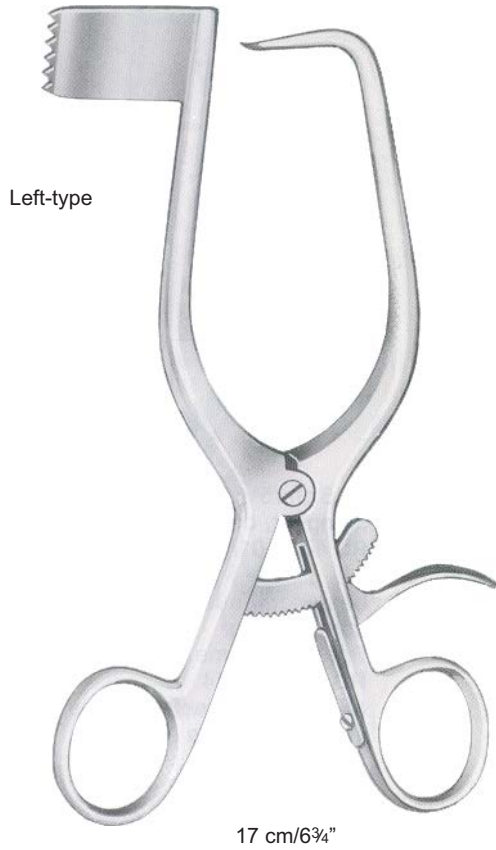


0023-0036-070
70 mm

23

Neurosurgery - Laminectomy Lamina Spreaders

23



Left-type

Right-type

50x10 mm

0023-0037-001

0023-0038-001

60x10 mm

0023-0037-002

0023-0038-002

70x10 mm

0023-0037-003

0023-0038-003

50x20 mm

0023-0039-001

0023-0040-001

60x20 mm

0023-0039-002

0023-0040-002

70x20 mm

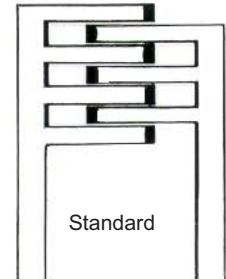
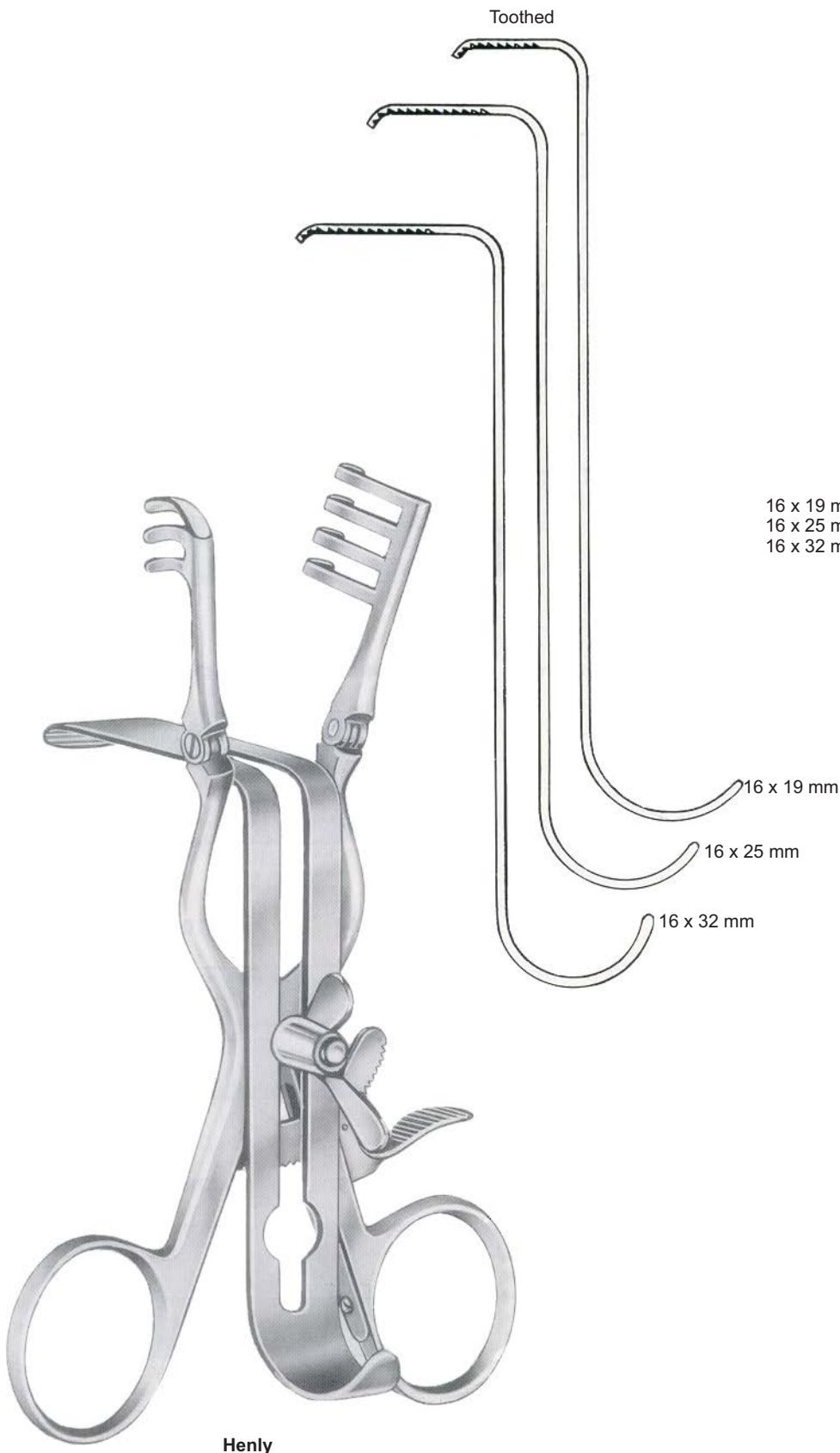
0023-0039-003

0023-0040-003

23

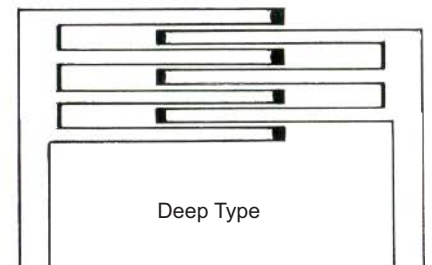
Neurosurgery - Laminectomy Muscle Retractors

23



0023-0041-000 Complete 0023-0042-000
14.5 cm/5¾" Consisting of 17 cm/6¾"

16 x 19 mm	0023-0041-001	Frame	0023-0042-001
16 x 25 mm	0023-0041-021	Centre Blades	0023-0042-021
16 x 32 mm	0023-0041-022		0023-0042-022
	0023-0041-023		0023-0042-023



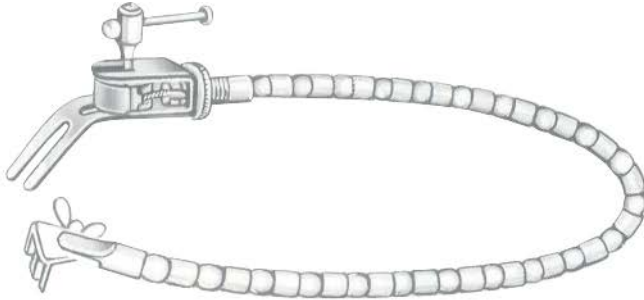
0023-0043-000 Complete 0023-0044-000
14.5 cm/5¾" Consisting of 17 cm/6¾"

0023-0043-001	Centre Blades	0023-0044-001
0023-0043-021		0023-0044-021
0023-0043-022		0023-0044-022
0023-0043-023		0023-0044-023

23

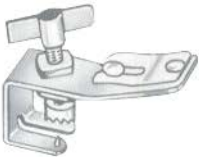
Neurosurgery - Laminectomy Brain Retractors

23

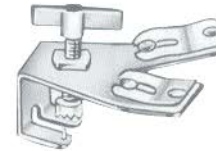


Yasargil
Flexible arm only
for fixation bases

0023-0045-010
wire cable only



0023-0045-001
Fixation base, for skull mounting,
holding 1 flexible arm



0023-0045-002
Fixation base, for skull mounting,
holding 2 flexible arms



0023-0045-003
Support only,
flat brain spatulas,



0023-0045-004
Support only,
for brain spatulas with round shaft
up to 5,5 mm diam. Fixing for flexible

23

**Neurosurgery - Laminectomy
Dura Dissectors and Elevators**

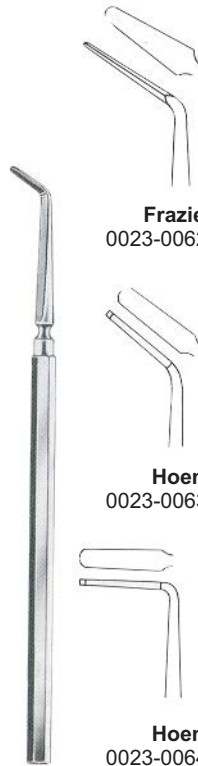
23



Davis
0023-0060-024
24.5 cm/9 3/4"



Toennis
0023-0061-025
25 cm/10"



Frazier
0023-0062-015

Hoen
0023-0063-015

Hoen
0023-0064-015
15 cm/6"



Love-Adson
0023-0065-016
16 cm/6 1/2"



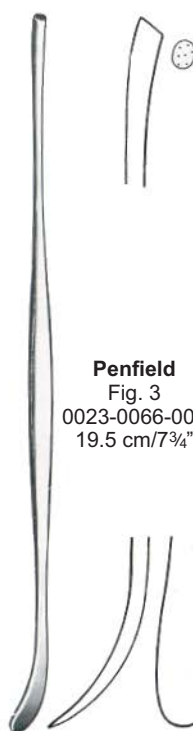
Penfield
Fig. 5
0023-0066-005
29 cm/11 1/2"



Penfield
Fig. 1
0023-0066-001
17.5 cm/7"



Penfield
Fig. 2
0023-0066-002
19.5 cm/7 3/4"



Penfield
Fig. 3
0023-0066-003
19.5 cm/7 3/4"



Penfield
Fig. 4
0023-0066-004
21.5 cm/8 1/2"

23

Neurosurgery - Laminectomy Dura Dissectors and Elevators

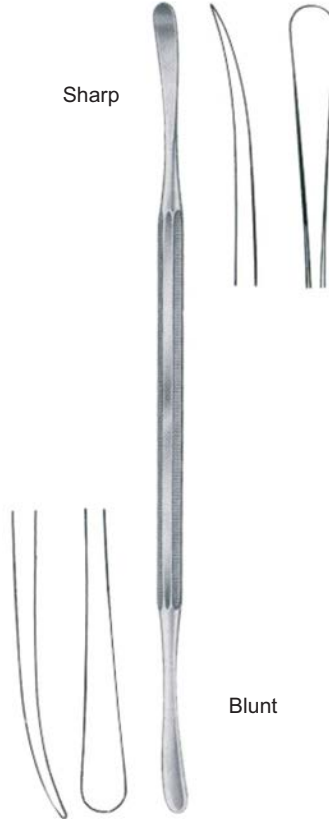
23



Sachs
0023-0067-021
21 cm/8 1/4"



Clovis-vincent
0023-0068-020
20 cm/8"



0023-0069-022
22 cm/8 1/4"



Woodsen
0023-0070-025
25 cm/10"



Fragar
0023-0071-020
20 cm/8"



Fragar
0023-0072-020
20 cm/8"

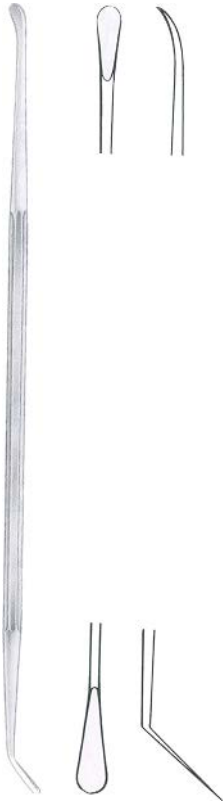


Sachs
0023-0073-021
21 cm/8 1/4"

23

Neurosurgery - Laminectomy Dura Dissectors and Elevators

23



Milligan
0023-0074-021 21 cm/8¼"



Olivecrona
0023-0075-018 18 cm/7"
0023-0075-024 24 cm/9½"



Olivecrona
0023-0076-019 19.5 cm/7¾"
0023-0076-024 24 cm/9½"



Horsley
0023-0077-020 20 cm/8"



Sachs
0023-0078-021 21 cm/8¼"

23

Neurosurgery - Laminectomy

Brain and Malleable Spatulas

23



Cushing
17 cm/6¾"
20 cm/8"
28 cm/11"

0023-0079-017
0023-0079-020
0023-0079-028



Olivecrona
18 cm/7"
Width of Spatulas

	Upper end	Lower end	
Concave	mm	mm	Convex
0023-0080-001	7	9	0023-0081-001
0023-0080-002	11	13	0023-0081-002
0023-0080-003	15	18	0023-0081-003
0023-0080-004	18	22	0023-0081-004



Heifetz
20 cm/8"

Width of Spatulas			
Upper end		Lower end	
mm		mm	
7	0023-0082-008	8	
10	0023-0082-011	11	
13	0023-0082-014	14	
16	0023-0082-017	17	
19	0023-0082-020	20	
22	0023-0082-025	22	



Heifetz
15.5 cm/6"

Width of Spatulas

	mm
0023-0083-008	8
0023-0083-011	11
0023-0083-014	14
0023-0083-017	17

Length of Spatulas

23

Neurosurgery - Laminectomy
Brain, Malleable Spatulas and Nerve Root Retractors

23



18 cm/7"

Width of spatulas

Upper end	Lower end	
mm	mm	
7	9	0023-0084-009
11	13	0023-0084-013
15	18	0023-0084-018
18	22	0023-0084-022



20 cm/8"
12 mm 0023-0085-012
17 mm 0023-0085-017



20 cm/8"
14 mm 0023-0086-014
17 mm 0023-0086-017
20 mm 0023-0086-020



0023-0087-001
19cm/7½"



Love
0023-0088-002
19 cm/7½"



0023-0089-003



Love
0023-0090-021
21 cm/8¼"

23

Neurosurgery - Laminectomy Nerve Root Retractors

23

Length of spatulas



70 mm
3 mm 0023-0091-003

100 mm
0023-0092-003



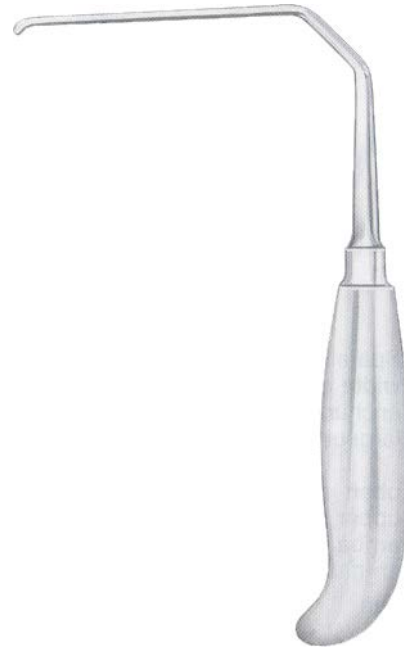
5 mm 0023-0091-005

0023-0092-005



7 mm 0023-0091-007

0023-0092-007



Love



Scoville
23 cm/9"

7 mm 0023-0093-007
9 mm 0023-0093-009



Holsher
7mm 0023-0094-007
9mm 0023-0094-009
24 cm/9½"



8 mm 0023-0095-008
13 mm 0023-0095-013

23

Neurosurgery - Laminectomy Nerve Root and Nerve Retractors

23



Taylor

30x 70 mm 0023-0096-007 17 cm/6³/₄"
30x100 mm 0023-0096-010 17 cm/6³/₄"



Oldberg

21 cm/8¹/₄"



0023-0097-001



0023-0097-002



0023-0097-003



0023-0097-004



Cushing

0023-0098-019 19 cm/7¹/₂"
0023-0098-028 28 cm/11"



Smithwick

0023-0099-017 17 cm/6¹/₂"
0023-0099-021 21 cm/8¹/₄"



Cushing

0023-0100-014 14 cm/5¹/₂"



Adson

20 cm/8"



0023-0101-001



0023-0101-002

23

Neurosurgery - Laminectomy
Nerve Retractors

23



Cloward
0023-0102-016
16 cm/6½"



Hoen
0023-0103-022
22 cm/8¾"



Dandy
0023-0104-001
20 cm/8"



Dandy
0023-0104-002
20 cm/8"



Dandy
0023-0104-003
20 cm/8"



Smithwick
0023-0105-029
29 cm/11¾"



Scoville
0023-0106-030
30 cm/12"



Scoville
0023-0107-030
30 cm/12"

23

Neurosurgery - Laminectomy Nerve Retractors and Knives

23



Graham
0023-0108-016 16.5 cm/6½"



Toennis
0023-0109-015 15 cm/6"



Frazier
0023-0110-013 13 cm/5"
0023-0110-018 18 cm/7"



Toennis
0023-0111-013 13 cm/5"
0023-0111-018 18 cm/7"



Olivecrona
0023-0112-023 23 cm/9"



Olivecrona
0023-0113-020 20.5 cm/8"

23

Neurosurgery - Laminectomy Intervertebral Disc Rongeurs

23



Ferris-Smith-Kerrison

		Width of Bite	Length of Shaft		
			15 cm/6"	20 cm/8"	18 cm/7"
Cutting Upward		0.6 mm	0023-0114-003	0023-0117-003	0023-0120-000
		1 mm			0023-0120-001
		2 mm			0023-0120-002
		3 mm			0023-0120-003
		4 mm			0023-0120-004
		5 mm			0023-0120-005
Cutting Upward 40°		0.6 mm	0023-0115-003	0023-0118-003	0023-0121-000
		1 mm			0023-0121-001
		2 mm			0023-0121-002
		3 mm			0023-0121-003
		4 mm			0023-0121-004
		5 mm			0023-0121-005
Cutting Downwards		0.6 mm	0023-0116-003	0023-0119-003	0023-0122-000
		1 mm			0023-0122-001
		2 mm			0023-0122-002
		3 mm			0023-0122-003
		4 mm			0023-0122-004
		5 mm			0023-0122-005

23

Neurosurgery - Laminectomy Intervertebral Disc Rongeurs

23



Ferris-Smith-Kerrison

		Width of Bite		Length of Shaft		
			15 cm/6"	20 cm/8"	18 cm/7"	
Cutting Upward		3 mm	0023-0123-003	0023-0126-003	0023-0129-003	
		5 mm	0023-0123-005	0023-0126-005	0023-0129-005	
Cutting Upward 40°		3 mm	0023-0124-003	0023-0127-003		
		5 mm	0023-0124-005	0023-0127-005		
Cutting Downward		3 mm	0023-0125-003	0023-0128-003	0023-0130-003	
		5 mm	0023-0125-005	0023-0128-005	0023-0130-005	

23

Neurosurgery - Laminectomy Intervertebral Disc Rongeurs

23



Love-Kerrison

		Width of Bite		Length of Shaft	
			15 cm/6"	20 cm/8"	18 cm/7"
Cutting Upward		2 mm			0023-0135-002
		3 mm	0023-0131-003	0023-0133-003	0023-0135-003
		4 mm	0023-0131-004	0023-0133-004	0023-0135-004
		5 mm	0023-0131-005	0023-0133-005	0023-0135-005
		6 mm			0023-0135-006
Cutting Upward 40°		2 mm			0023-0136-002
		3 mm			0023-0136-003
		4 mm			0023-0136-004
		5 mm			0023-0136-005
		6 mm			0023-0136-006
Cutting Downward		2 mm			0023-0137-002
		3 mm	0023-0132-003	0023-0134-003	0023-0137-003
		4 mm	0023-0132-004	0023-0134-004	0023-0137-004
		5 mm	0023-0132-005	0023-0134-005	0023-0137-005
		6 mm			0023-0137-006
Cutting Upward 40°		2 mm			0023-0138-002
		3 mm			0023-0138-003
		4 mm			0023-0138-004
		5 mm			0023-0138-005
		6 mm			0023-0138-006

23

Neurosurgery - Laminectomy Intervertebral Disc Rongeurs

23



Colclough

		Width of Bite	Length of Shaft	
			15 cm/6"	20 cm/8"
Cutting Upward		3 mm 5 mm	0023-0139-003 0023-0139-005	0023-0142-003 0023-0142-005
Cutting Upward 40°		3 mm 5 mm	0023-0140-003 0023-0140-005	0023-0143-003 0023-0143-005
Cutting Downward		3 mm 5 mm	0023-0141-003 0023-0141-005	0023-0144-003 0023-0144-005

23

Neurosurgery - Laminectomy

Laminectomy Rongeurs

23



	Length Of Shaft			
Cushing 2 x 10 cm	5"/13 cm	0023-0145-001	0023-0145-002	0023-0145-003
	6"/15 cm	0023-0146-001	0023-0146-002	0023-0146-003
	7"/18 cm	0023-0147-001	0023-0147-002	0023-0147-003
Love-Grunwald 3 x 10 cm	5"/13 cm	0023-0148-001	0023-0148-002	0023-0148-003
	6"/15 cm	0023-0149-001	0023-0149-002	0023-0149-003
	7"/18 cm	0023-0150-001	0023-0150-002	0023-0150-003
Spurling 4 x 10 cm	5"/13 cm	0023-0151-001	0023-0151-002	0023-0151-003
	6"/15 cm	0023-0152-001	0023-0152-002	0023-0152-003
	7"/18 cm	0023-0153-001	0023-0153-002	0023-0153-003

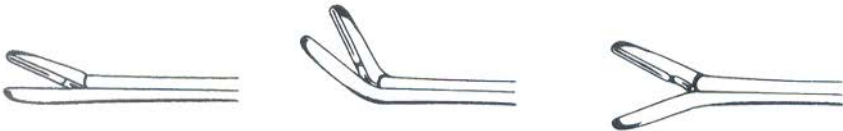
23

Neurosurgery - Laminectomy
Laminectomy Rongeurs

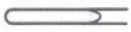
23



Caspar



Size of jaws

	2 mm	0023-0154-002	0023-0155-002	0023-0156-002
	3 mm	0023-0154-003	0023-0155-003	0023-0156-003
	4 mm	0023-0154-004	0023-0155-004	0023-0156-004
	5 mm	0023-0154-005		

23

Neurosurgery - Laminectomy
Laminectomy Rongeurs

23



Ferris-Smith

Widh Of Jaw



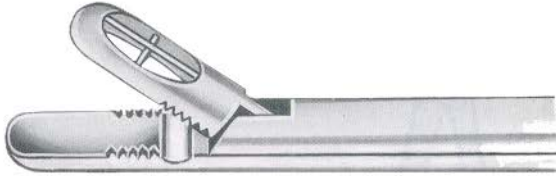
2 x 10 mm	0023-0157-001	0023-0157-002	0023-0157-003
3 x 10 mm	0023-0158-001	0023-0158-002	0023-0158-003
4 x 10 mm	0023-0159-001	0023-0159-002	0023-0159-003

23

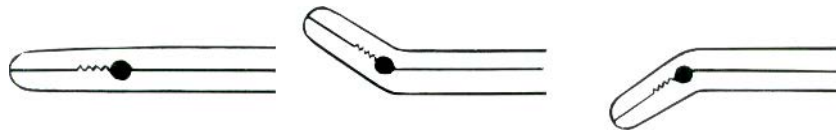
Neurosurgery - Laminectomy

Laminectomy Rongeurs

23



Serrated and Fenestrated Jaws

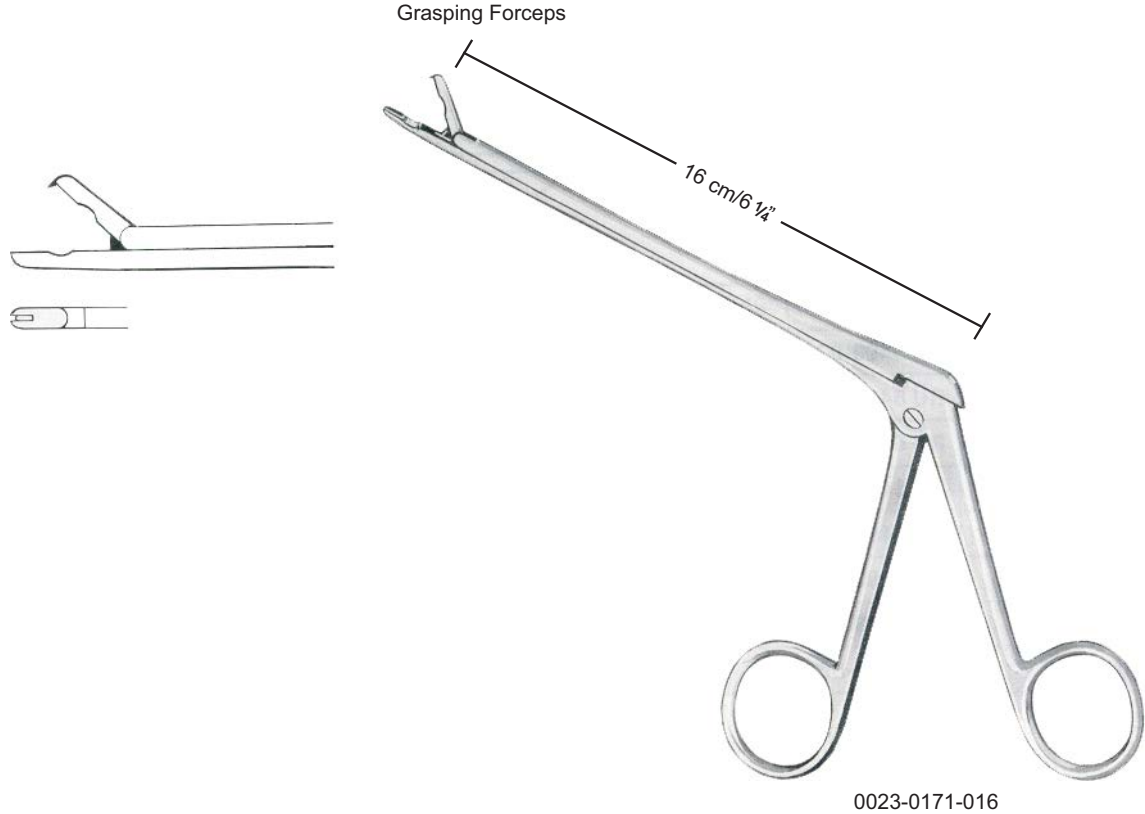
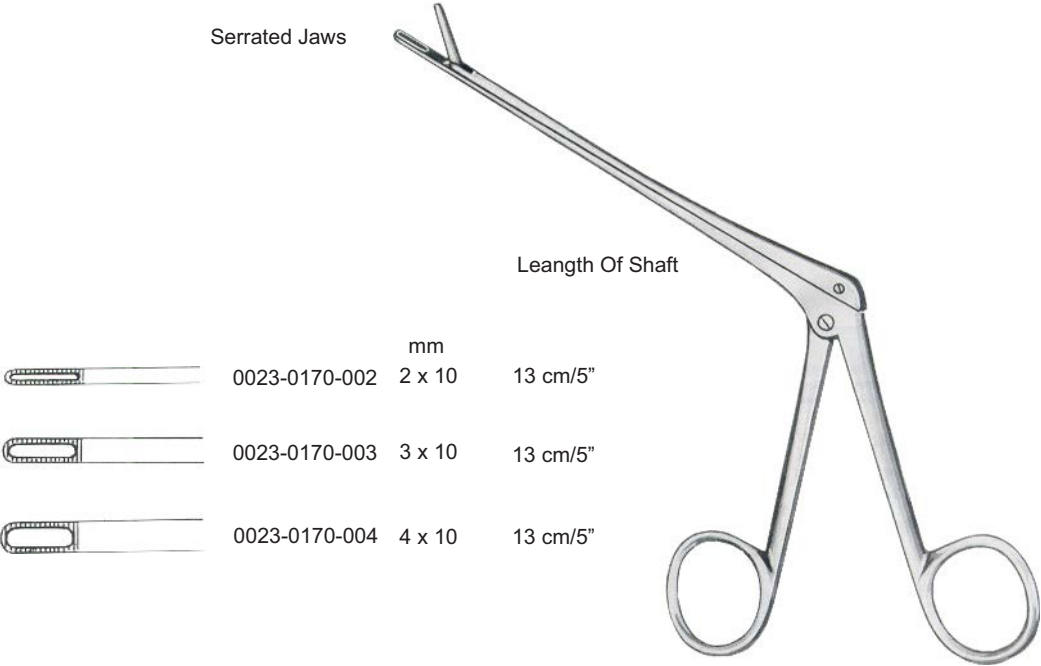


Width Of Jaw	Length Of Shaft			
mm	14 cm/5 1/2"	0023-0160-001	0023-0160-002	0023-0160-003
2 x 12	16 cm/6 1/4"	0023-0161-001	0023-0161-002	0023-0161-003
3 x 12	14 cm/5 1/2"	0023-0162-001	0023-0162-002	0023-0162-003
	16 cm/6 1/4"	0023-0163-001	0023-0163-002	0023-0163-003
4 x 14	14 cm/5 1/2"	0023-0164-001	0023-0164-002	0023-0164-003
	16 cm/6 1/4"	0023-0165-001	0023-0165-002	0023-0165-003
5 x 14	14 cm/5 1/2"	0023-0166-001	0023-0166-002	0023-0166-003
	16 cm/6 1/4"	0023-0167-001	0023-0167-002	0023-0167-003
6 x 16	14 cm/5 1/2"	0023-0168-001	0023-0168-002	0023-0168-003
	16 cm/6 1/4"	0023-0169-001	0023-0169-002	0023-0169-003

23

Neurosurgery - Laminectomy
Laminectomy Rongeurs

23

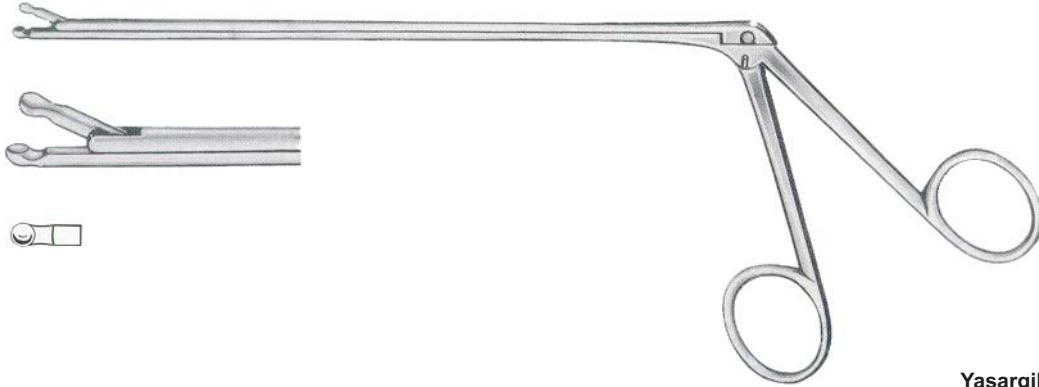


23

Neurosurgery - Laminectomy

Laminectomy Rongeurs

23



Ø 3.5 mm

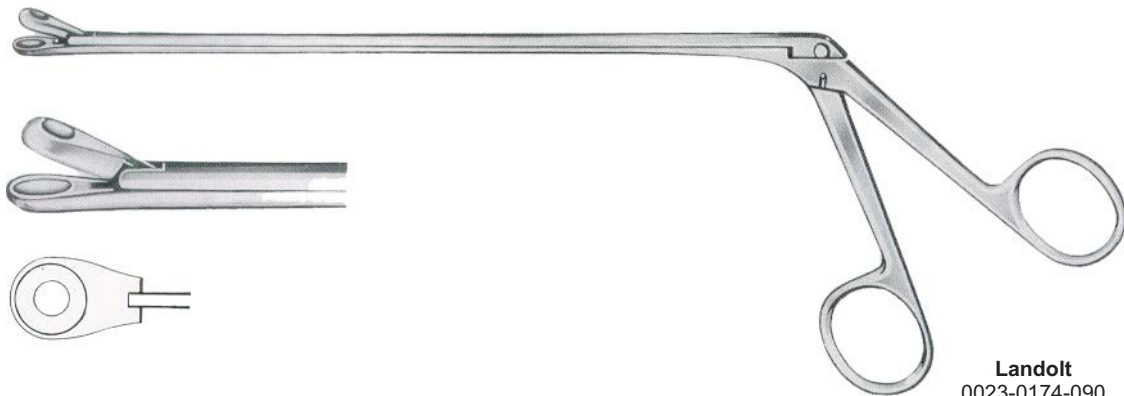


Yasargil
0023-0172-035
19.5 cm/7¾"



Ø 6.5 mm

Oldberg
0023-0173-065
18 cm/7"



Ø 9 mm

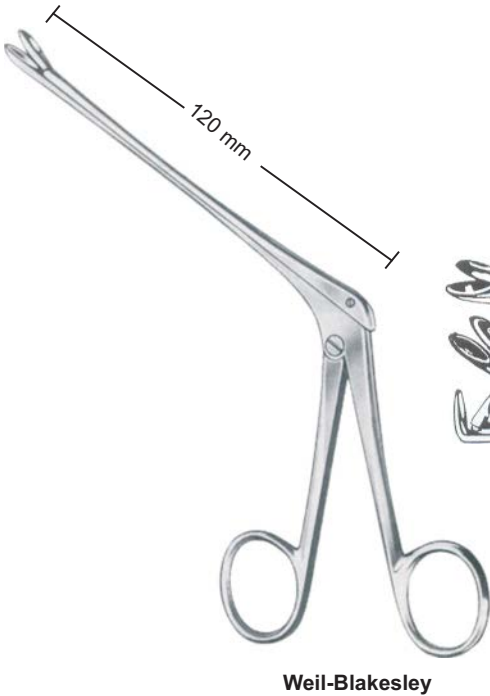
Landolt
0023-0174-090
21 cm/8¼"

Tumor Grasping Forceps Blunt

23

Neurosurgery - Laminectomy
Laminectomy Rongeurs

23



					
	0023-0175-001	0023-0175-002	0023-0175-003	0023-0175-004	0023-0175-005
	45° 0023-0176-001	0023-0176-002	0023-0176-003	0023-0176-004	
	90° 0023-0177-001	0023-0177-002	0023-0177-003		

23

Neurosurgery - Laminectomy

Laminectomy Rongeurs

23



0023-0178-001
5 x 4 mm

0023-0178-002
5 x 4 mm

0023-0178-003
5 x 3.5 mm

0023-0178-004
5 x 3.5 mm

**Hajek
(Hajek-Kofler)**
14 cm/5½"

360° Turnable



Hajek-Kofler
0023-0179-016
16 cm/6½"

24

Cardiovascular Instruments

Rib Shears, Sternum Scissors and Sternum Chisels

24



Sauerbruch
0024-0147-024 24 cm/9½"
0024-0147-026 26 cm/10¼"



Giertz-Stille
0024-0148-027
27 cm/10½"



Sauerbruch-Frey
0024-0149-036
36 cm/14"



Bethune
0024-0150-034
34 cm/13½"



Brunner
32 cm/12½"

0024-0151-032
For the Right Hand

0024-0152-032
For the left Hand



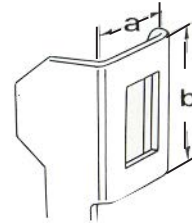
Lebsche
0024-0153-024
24.5 cm/9¾"



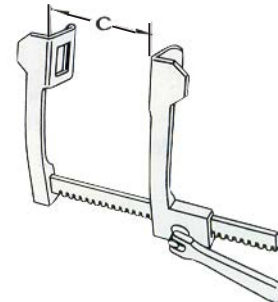
Finocchietto-Baby

	a	b	c
0024-0001-000	18 mm	20 mm	75 mm

Scheme of Dimensions



Size of Blades



Total Spread



Finocchietto

	a	b	c
0024-0002-001	38 mm	45 mm	165 mm
0024-0002-002	44 mm	65 mm	200 mm
0024-0002-003	44 mm	65 mm	250 mm
0024-0002-004	44 mm	65 mm	300 mm
0024-0002-005	65 mm	65 mm	200 mm
0024-0002-006	65 mm	65 mm	250 mm
0024-0002-007	65 mm	65 mm	300 mm

With 2 Pairs of Interchangeable Blades

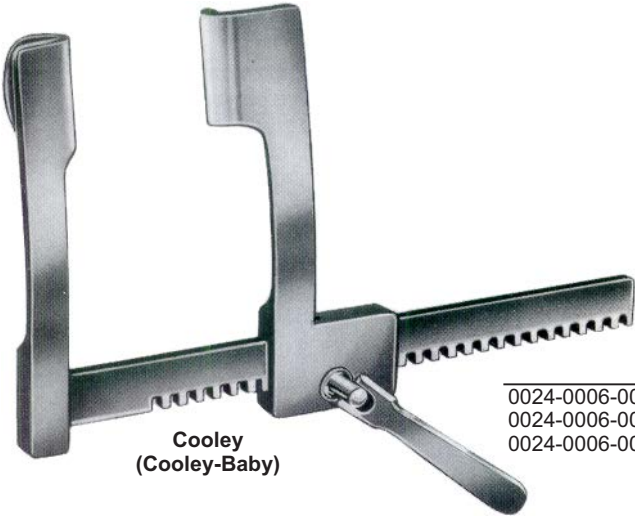


Cardiovascular Instruments
Rib Spreaders



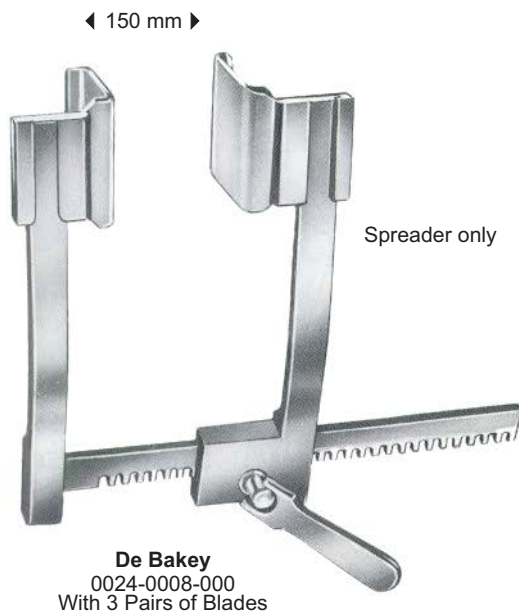
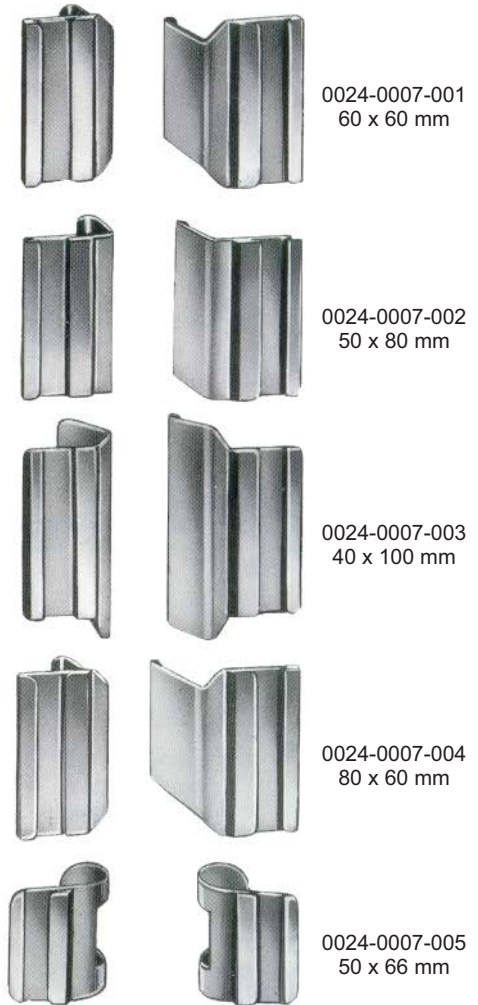
Haight

	a	b	c
0024-0005-001	30 mm	30 mm	65 mm
0024-0005-002	30mm	30mm	90 mm



**Cooley
(Cooley-Baby)**

	a	b	c
0024-0006-001	15 mm	30 mm	75 mm
0024-0006-002	21 mm	45 mm	145 mm
0024-0006-003	32 mm	50 mm	190 mm



◀ Fig. 1 15 cm/6" ▶
◀ Fig. 2 20 cm/8" ▶



Morse-Favaloro
Fig. 1 0024-0009-001
Fig. 2 0024-0009-002

75 x 75 mm

42 x 65 mm

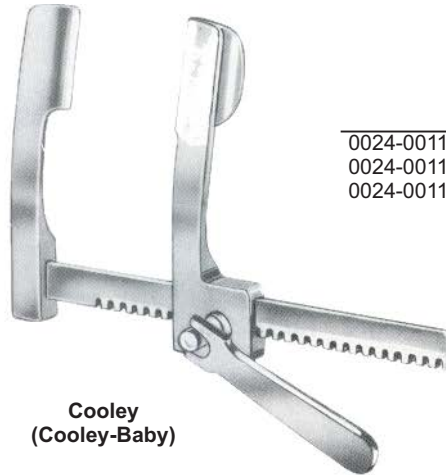
Thoracic Retractor



(Mercedes-Retractor)
0024-0010-000
Complete

Cardiovascular Instruments

Rib Spreaders



**Cooley
(Cooley-Baby)**

	a	b	c
0024-0011-001	12 mm	17 mm	75 mm
0024-0011-002	16 mm	30 mm	105 mm
0024-0011-003	37 mm	49 mm	200 mm



Castaneda

	a	b	c
0024-0012-001	10.5 mm	32 mm	65 mm
0024-0012-002	12 mm	45 mm	70 mm
0024-0012-003	15 mm	60 mm	120 mm



Finocchietto-Baby-Haight

	a	b	c
0024-0013-001	15 mm	15 mm	75 mm
0024-0013-002	31 mm	31 mm	100 mm

Cardiovascular Instruments

Rib Spreaders



Finocchetto

	a	b	c
0024-0014-001	38 mm	44 mm	135 mm
0024-0014-002	52 mm	62 mm	175 mm
0024-0014-003	85 mm	65 mm	175 mm



Dubost

	a	b
0024-0015-001	100 mm	30 mm
0024-0015-002	100 mm	40 mm
0024-0015-003	100 mm	50 mm



Burford
With 2 Pairs of Blades

For Child	a	b	c
0024-0016-000	48 mm	42 mm	135 mm
0024-0016-001	34 mm	42 mm	135 mm
	65 mm	62 mm	180 mm
0024-0016-002	47 mm	62 mm	
	65 mm	62 mm	260 mm
0024-0016-003	47 mm	62 mm	
	65 mm	62 mm	300 mm
	47 mm	62 mm	

24

Cardiovascular Instruments

Rib Contractors and Lung Spatulas

24



Lemmon
0024-0017-018
18 cm/7"



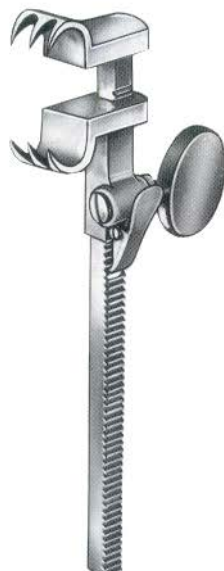
Sellors
0024-0018-019
19 cm/7½"



Bailey-Baby
0024-0019-014
14 cm/5½"



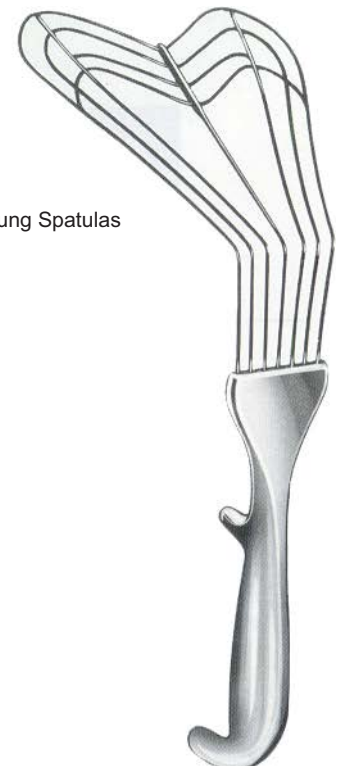
Bailey
0024-0020-016
16 cm/6¼"



Bailey-Gibbon
0024-0021-016
16 cm/6¼"



Allison
0024-0022-025 25.5 cm/10"
0024-0022-030 30.0 cm/12"



Lung Spatulas

0024-0023-030
30 cm/12"

24

Cardio Vascular Instruments

Bronchus Clamps and Blood Vessel Clamps

24



Price-Thomas
0024-0024-022
22 cm/8¾"



Semb
24 cm/9½"

0024-0025-024

0024-0026-024

Lung grasping forceps



Lovelace
0024-0027-020
20 cm/8"



Lovelace
0024-0028-020
20 cm/8"

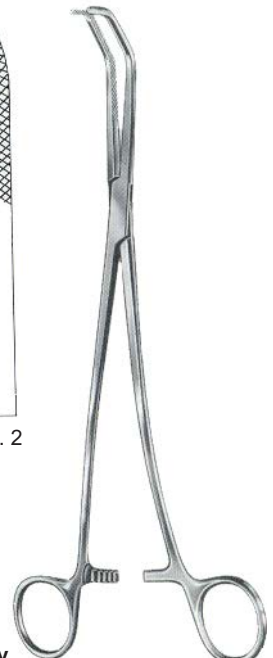


Fig. 1

Fig. 2



0024-0029-001
0024-0029-002



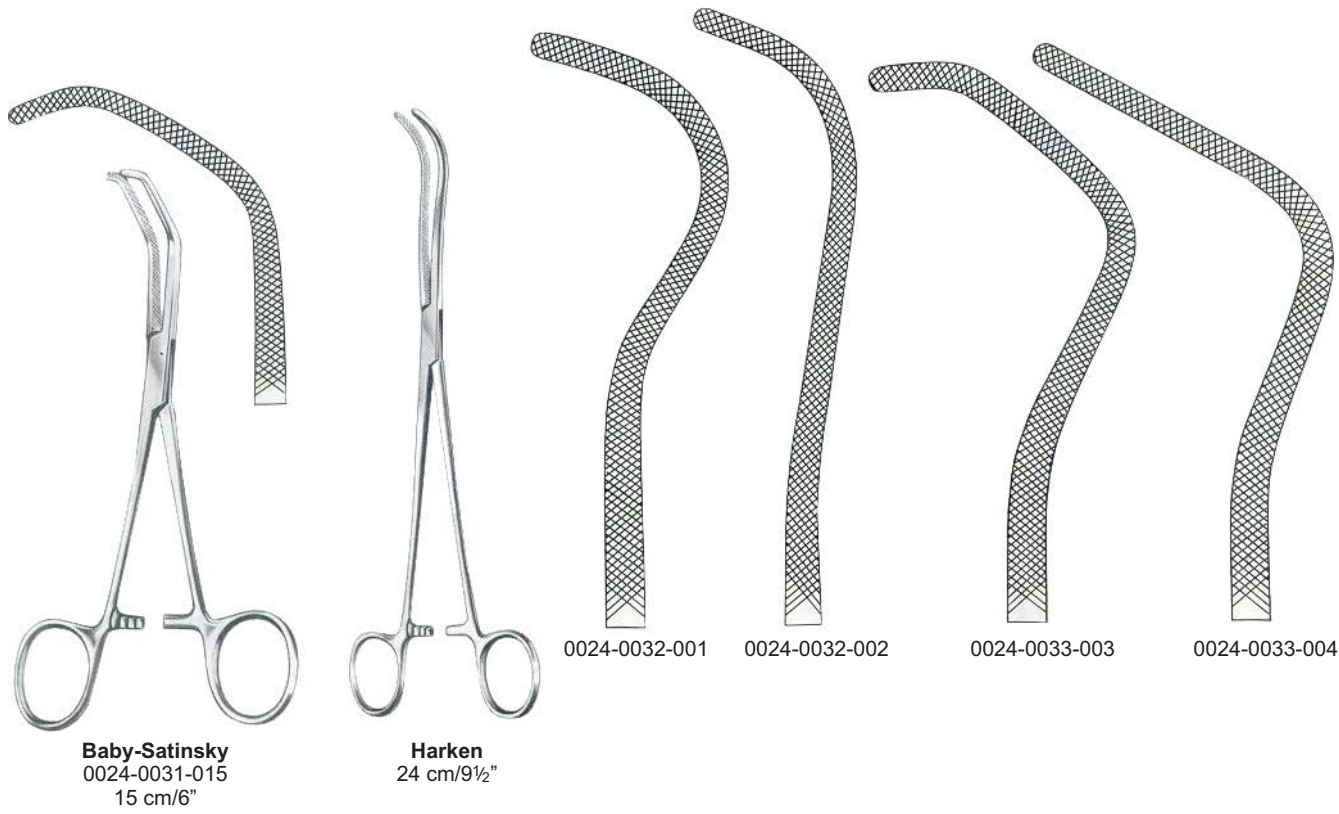
Satinsky
26.5 cm/10½"
Fig. 1
Fig. 2

0024-0030-001
0024-0030-002

24

Cardio Vascular Instruments
Blood Vessel Clamps

24



AtraumaTC

Atrauma tissue forceps



Wide		
0024-0034-015	15.0 cm/6"	1.5 mm
0024-0034-019	19.5 cm/7½"	1.5 mm
0024-0034-024	24.0 cm/9½"	1.5 mm

24

Cardiovascular Instruments
Atrauma Tissue Forceps

24



De Bakey

1.2 mm	2 mm	Wide
0024-0035-018	0024-0036-018	18 cm/7"
0024-0035-021	0024-0036-021	21 cm/8¼"

Atrauma



Cooley

0024-0037-015	15 cm/6"
0024-0037-019	19.5 cm/7½"
0024-0037-024	24 cm/9½"



De Bakey

Wide	1.5 mm	2 mm	2.8 mm	3.5 mm
16 cm/6¼"	0012-0800-016	0012-0801-016	0012-0802-016	0012-0803-016
20 cm/8"	0012-0800-020	0012-0801-020	0012-0802-020	0012-0803-020
24 cm/9½"	0012-0800-024	0012-0801-024	0012-0802-024	0012-0803-024
30 cm/12"	0012-0800-030	0012-0801-030	0012-0802-030	0012-0803-030



De Bakey

Wide 2 mm
0012-0804-016
0012-0804-020
0012-0804-024
0012-0804-030

24

Cardiovascular Instruments

Atrauma Bulldog Clamps

24



De Bakey

Setting forceps



0024-0038-023
23 cm/9"



0024-0039-007	7.5 cm/3"	0024-0040-007
0024-0039-008	8.5 cm/3½"	0024-0040-008
0024-0039-010	10.5 cm/4¼"	0024-0040-010
0024-0039-012	12 cm/4¾"	0024-0040-012



0024-0041-003
3.5 cm/1½"



0024-0042-003
3.5 cm/1½"



0024-0043-004
4.5 cm/1¾"



0024-0044-004
4.5 cm/1¾"



De-Bakey
0024-0044-005
5 cm/2"



De-Bakey
0024-0045-005
5 cm/2"

Cardiovascular Instruments
Atrauma Bulldog Clamps



De Bakey



Glover

0024-0046-006	6 cm/2½"	0024-0047-006
0024-0046-007	7 cm/2¾"	0024-0047-007
0024-0046-009	9 cm/3½"	0024-0047-009
0024-0046-011	11 cm/4½"	0024-0047-011



Glover



Glover
0024-0048-005
5 cm/2"



De Bakey-Satinsky
0024-0049-007
7 cm/2¾"



De Bakey



De Bakey-Carotid
0024-0050-009
9 cm/3½"



De Bakey-Satinsky
0024-0051-010
10 cm/4"



Santulli
0024-0052-007
7 cm/2¾"



Gregory-Soft
0024-0053-009 9 cm/3½"
0024-0054-011 11 cm/4½"



De Bakey

Coarctation Clamps



**Potts
(De Bakey)**



0024-0055-021
21 cm/8¼"



0024-0055-022
22 cm/8¾"



**Potts
(De Bakey)**



0024-0056-021
21 cm/8¼"



0024-0056-022
22 cm/8¾"



Potts



0024-0057-021
21 cm/8¼"



0024-0057-022
22 cm/8¾"

24

Cardiovascular Instruments

Atrauma Anastomosis Clamps and Dissecting Forceps

24

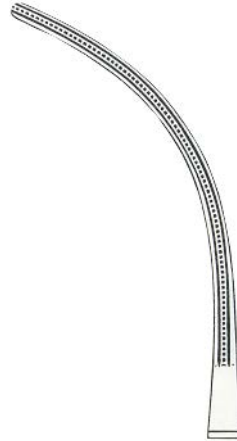


De Bakey

Anastomosis Clamps



Glover
(Potts)



0024-0058-021
21 cm/8¼"



0024-0058-022
22 cm/8¾"

Dissecting and
Ligature Forceps



De Bakey



0024-0059-020
20 cm/8"



0024-0059-024
24 cm/9½"



De Bakey



0024-0060-020
20 cm/8"



0024-0061-018
18 cm/7½"

Cardiovascular Instruments

Atrauma Cardiovascular Forceps



De Bakey



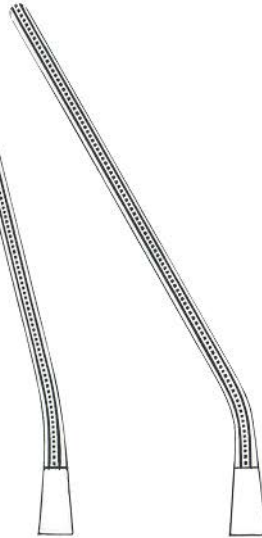
Leland-Jones



0024-0062-001
19.5 cm/7½"



0024-0062-002
19.5 cm/7½"



0024-0062-003
19.5 cm/7½"



Leland-Jones
0024-0063-018
18 cm/7"



De Bakey-Bainbridge



0024-0064-015
15 cm/6"



0024-0064-018
18 cm/7"



0024-0065-015
15 cm/6"



0024-0065-018
18 cm/7"



De Bakey
0024-0066-020
20 cm/8"

Cardiovascular Instruments

Atrauma Aortic Aneurysm Clamps



De Bakey

Aortic Aneurysm Clamps



De Bakey

0024-0067-024
24 cm/9½"

0024-0067-027
27 cm/10½"

0024-0067-031
31 cm/12¼"

0024-0067-033
33.5 cm/13¼"

Cardiovascular Instruments

Atrauma Aortic Aneurysm Clamps



De Bakey

Aortic Aneurysm Clamps



De Bakey
0024-0068-028
28 cm/11"

0024-0069-030
30 cm/12"



De Bakey

Aortic Clamps



Ochsner
0024-0070-023
23.5 cm/9¼"



Dietrich
0024-0071-021
21 cm/8¼"

24

Cardiovascular Instruments

Atrauma Auricle Clamps

24



De Bakey

Auricle Clamp



0024-0072-001
24 cm/9½"



0024-0072-002
24 cm/9½"



Harken



0024-0072-003
24 cm/9½"

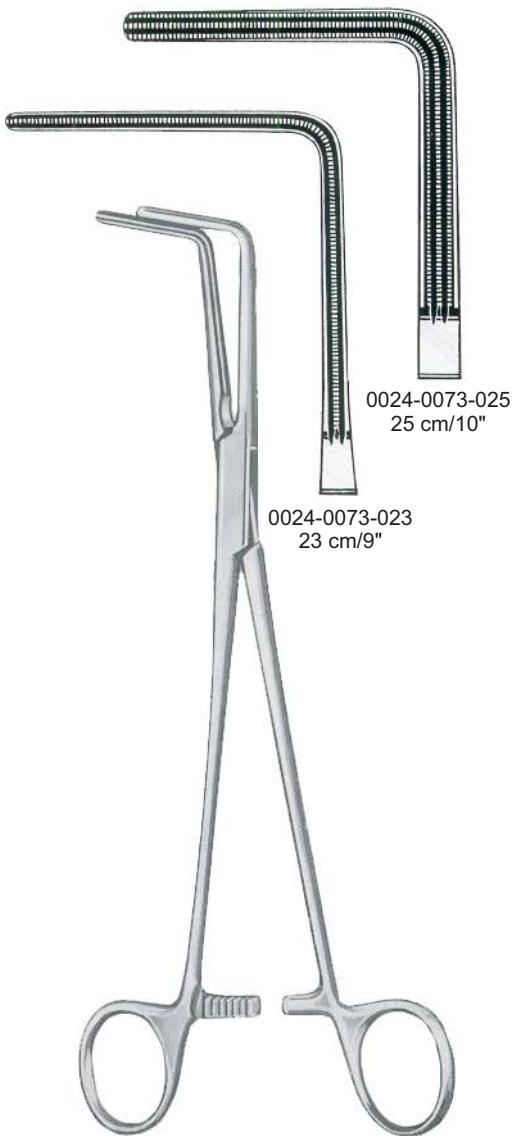


0024-0072-004
24 cm/9½"



De Bakey

Bronchus Clamps



Lees

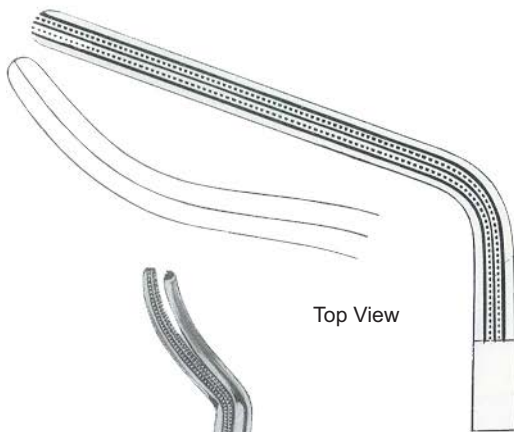


Lees
0024-0074-025
25 cm/10"



De Bakey

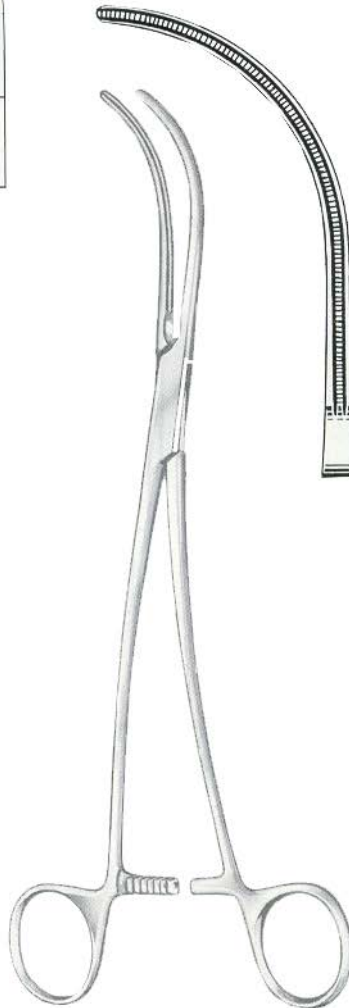
Aortic Clamp



Top View



De Bakey
0024-0075-027
27 cm/10½"



De Bakey
0024-0076-024
24 cm/9½"

Ligature Clamps



De Bakey
0024-0077-024
24 cm/9½"

24

Cardio Vascular Instruments

Atrauma Aortic Clamps

24



De Bakey

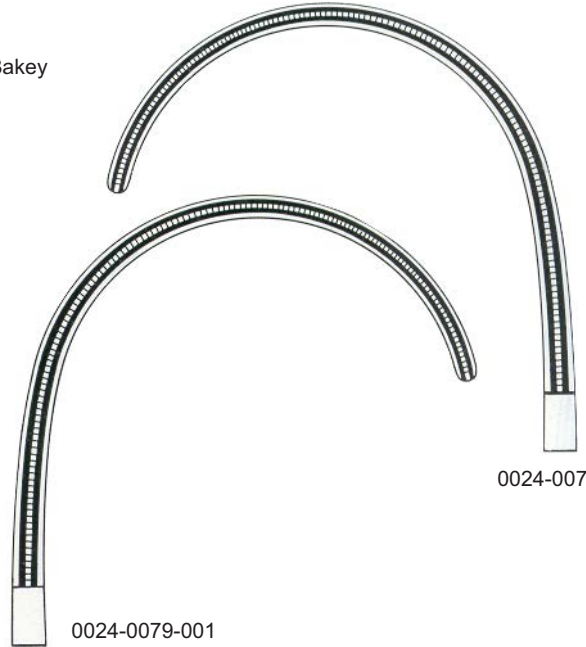
Ligature clamp,
Aortic clamp



De Bakey
0024-0078-026
26.5 cm/10½"

De Bakey-Semb
0024-0078-025
25 cm/10"

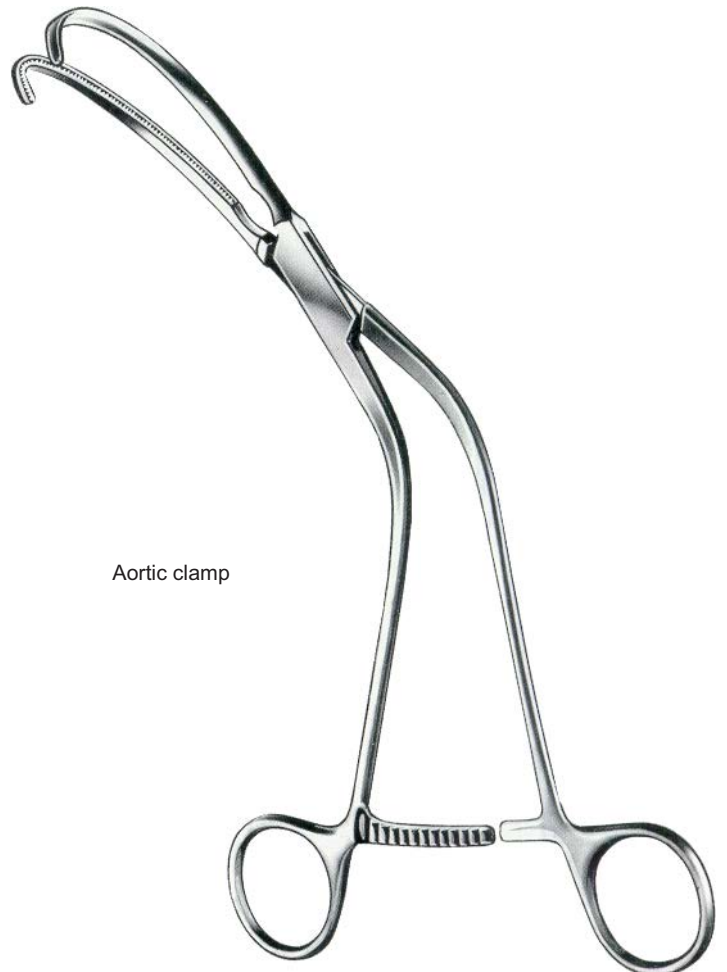
De Bakey-Semb



0024-0079-002

0024-0079-001

Aortic clamp



Weber
26 cm/10¼"

24

Cardio Vascular Instruments

Atrauma Tangential Occlusion Clamps and Anastomosis Clamps

24



De Bakey



Satinsky/De Bakey

Tangential occlusion clamps



Set of 5
0024-0080-000

0024-0080-020
20 cm/8"

0024-0080-025
25 cm/10"

0024-0080-026
26 cm/10¼"

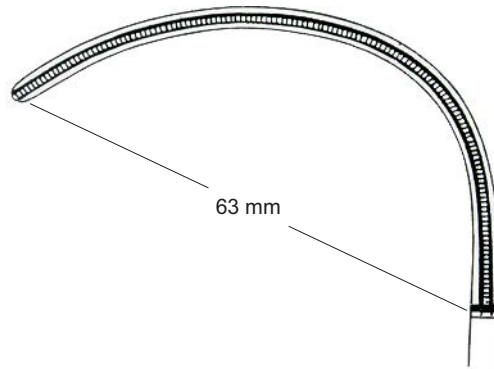
0024-0080-027
27 cm/10½"

0024-0080-028
28 cm/11"



Glover

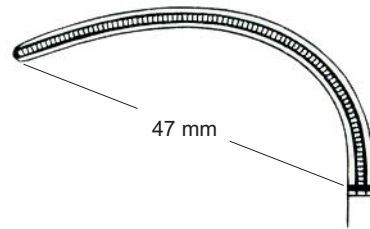
0024-0081-001 19.5 cm/7¾"
0024-0081-002 21.0 cm/8¼"



63 mm

Anastomosis

0024-0081-001



47 mm

0024-0081-002

24

Cardio Vascular Instruments

Atrauma Artic Anastomosis Clamps

24



De Bakey



Lambert-Kay
21 cm/8¼"



0024-0083-021

0024-0082-021

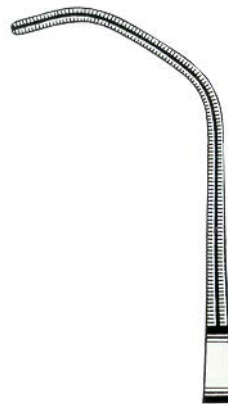
Aortic anastomosis clamps



De Bakey
0024-0084-017
17 cm/6¾"



Beck
0024-0085-017
17 cm/6¾"



Cardio Vascular Instruments

Atrauma Cardiovascular Forceps

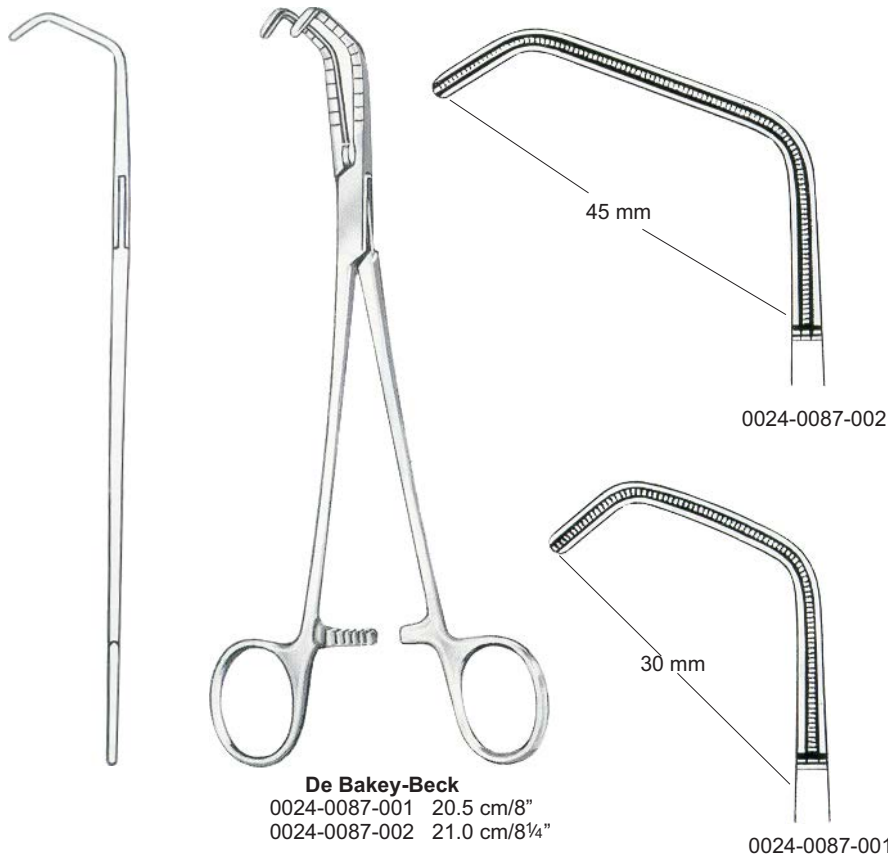


De Bakey



De Bakey
0024-0086-016
16 cm/6 1/4"

Graduated



De Bakey-Beck
0024-0087-001 20.5 cm/8"
0024-0087-002 21.0 cm/8 1/4"

0024-0087-002

0024-0087-001

24

Cardiovascular Instruments

Atrauma Cardiovascular Forceps

24



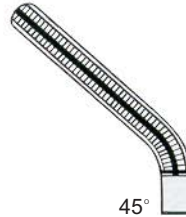
0024-0088-000



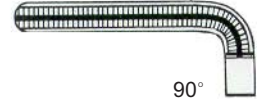
15°
0024-0089-015



30°
0024-0089-030



45°
0024-0089-045



90°
0024-0089-090



0024-0090-000



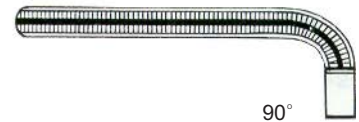
15°
0024-0091-015



30°
0024-0091-030



45°
0024-0091-045



90°
0024-0091-090



Dardik
17 cm/6¾"

Cardiovascular Instruments

Atrauma Multi-Purpose Clamps



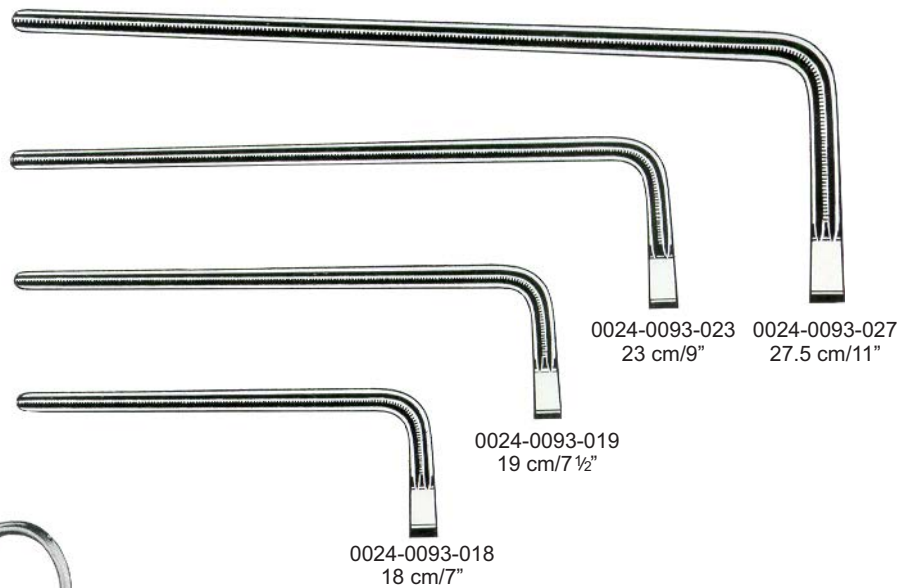
De Bakey



Multi purpose clamps

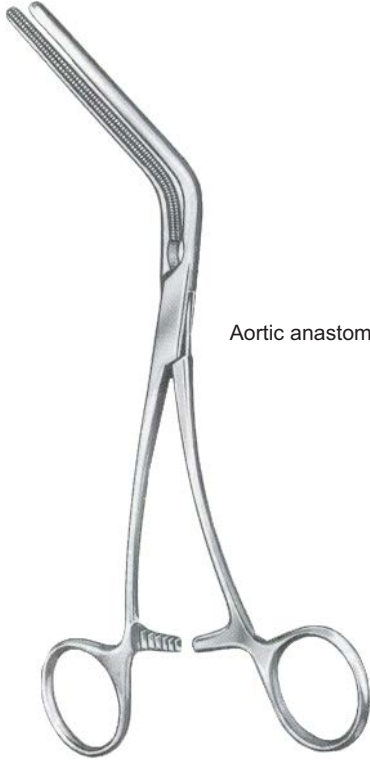


De Bakey



Cardiovascular Instruments

Atrauma Aortic Anastomosis Clamps



Aortic anastomosis clamps

Morris-De Bakey



Cardiovascular Instruments

Aorta Aneurysm and Coarctation Clamps



De Bakey

Aorta aneurysm clamps



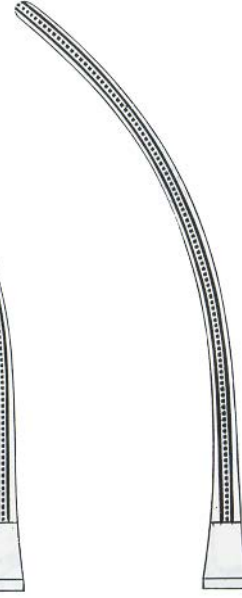
De Bakey-Bahnson



0024-0096-024
24.5 cm/9¾"



0024-0096-025
25.5 cm/10"



0024-0096-026
26.5 cm/10½"

Coarctation clamps



Straight	cm/in	Curved
0024-0097-021	21.5 cm/8½"	0024-0098-021
0024-0097-023	23.0 cm/9"	0024-0098-023
0024-0097-027	27.0 cm/10½"	0024-0098-027
0024-0097-031	31.5 cm/12½"	0024-0098-031



De Bakey

Atrauma hemostatic forceps



Mosquito
12 cm/4¾"

0024-0099-012

0024-0100-012



De Bakey-Pean



0024-0101-014
14 cm/5½"



0024-0101-016
16 cm/6¼"



0024-0101-018
18 cm/7"



0024-0101-020
20 cm/8"



0024-0102-014
14 cm/5½"



0024-0102-016
16 cm/6¼"



0024-0102-018
18 cm/7"



0024-0102-020
20 cm/8"

Multi purpose clamps



De Bakey



De Bakey-Rankin



0024-0103-016
16 cm/6¼"



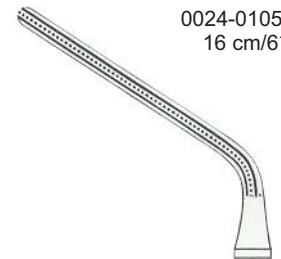
0024-0104-016
16 cm/6¼"



Cooley



0024-0105-016
16 cm/6¼"



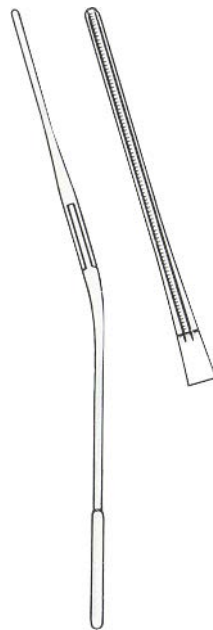
0024-0105-015
15.5 cm/6"



0024-0105-014
14.5 cm/5¾"



De Bakey
0024-0106-017
17 cm/6¾"



0024-0107-017



0024-0108-017

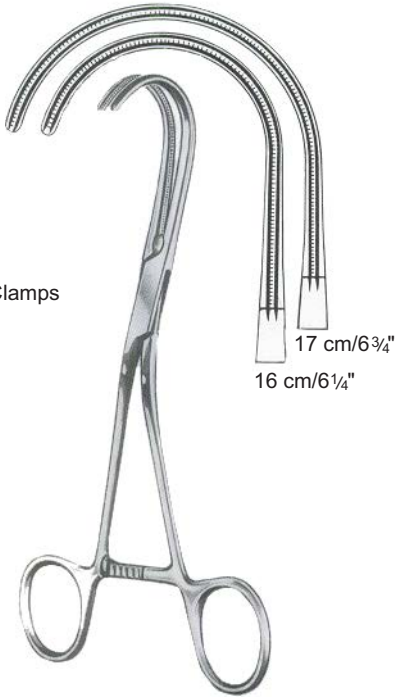


0024-0109-017



De Bakey

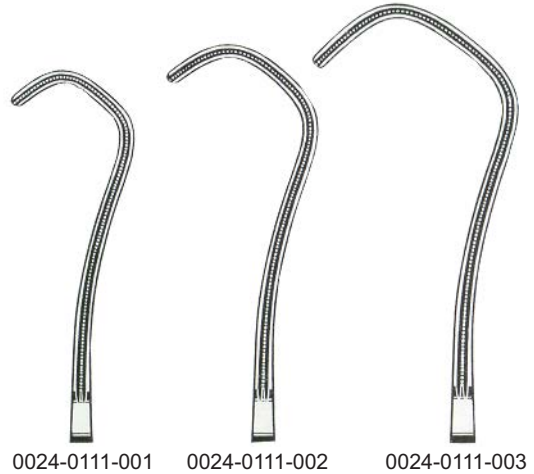
Ligature Clamps



0024-0110-016 16cm/6 1/4"
0024-0110-017 17cm/6 3/4"



Derra-De Bakey
17 cm/6 3/4"



Anastomosis Clamps

Profunda Clamps



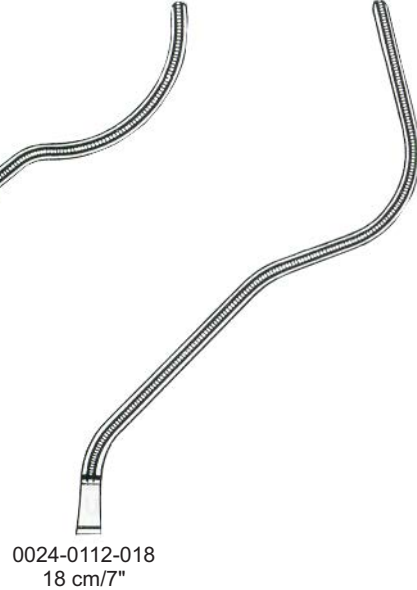
Gregory



0024-0112-014
14 cm/5 1/2"



0024-0112-016
16 cm/6 1/4"



0024-0112-018
18 cm/7"

24

Cardiovascular Instruments

Atrauma Cardiovascular Forceps

24



De Bakey
0024-0113-012
12 cm/4¾"



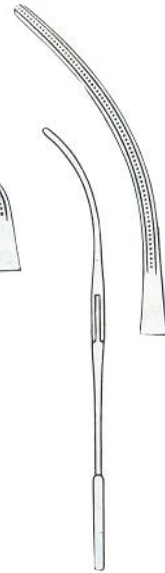
De Bakey



De Bakey



0024-0114-010
10 cm/4"



0024-0114-011
10.5 cm/4½"



0024-0114-012
12 cm/4¾"



0024-0114-013
13 cm/5"

Cardiovascular Instruments
Atrauma Carotid Clamps

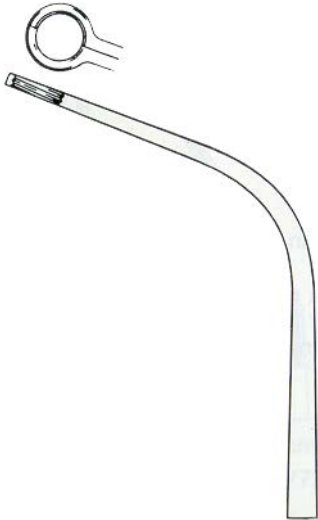
Carotid Clamps



Javid
0024-0115-018
18 cm/7"



Javid
0024-0116-019
19 cm/7½"



Cooley

Charriere (French)	Length cm	
24	16	0024-0117-024
26	16	0024-0117-026
28	20	0024-0117-028
30	20	0024-0117-030
32	20	0024-0117-032
36	20	0024-0117-036

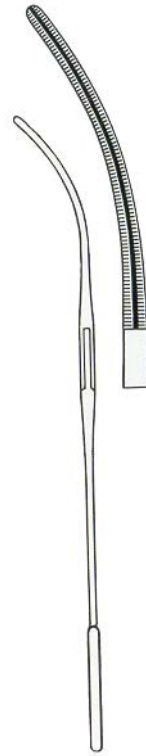


Cooley

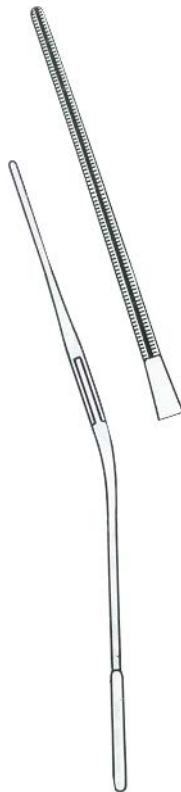
Coarctation Clamps



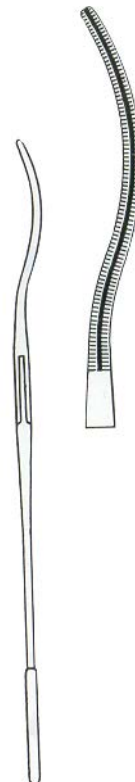
Cooley
0024-0118-017
17 cm/6¾"



0024-0119-017
17 cm/6¾"



0024-0120-017
17 cm/6¾"



0024-0121-017
17 cm/6¾"

24

Cardiovascular Instruments

Atrauma Multi Purpose Clamps

24



Cooley



Cooley
0024-0122-020
20 cm/8"



Cooley



Cooley
0024-0124-017
17 cm/6¾"



0024-0123-003
17 cm/6¾"



0024-0123-002
15.5 cm/6"



0024-0123-001
15 cm/6"

Anastomosis clamps



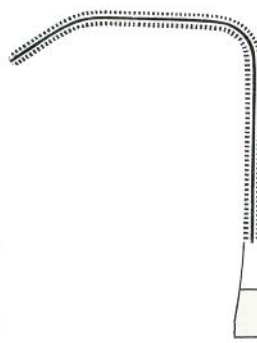
Cooley



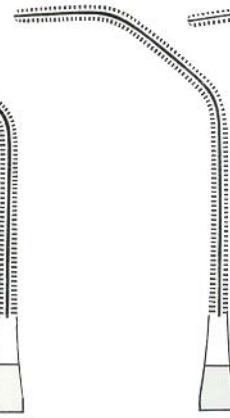
Cooley



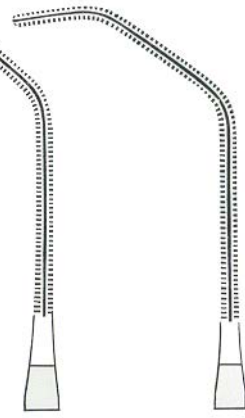
0024-0125-001
16.5 cm/6½"



0024-0125-002
16.5 cm/6½"



0024-0125-003
17.5 cm/7"



0024-0125-004
17.5 cm/7"



Cooley
0024-0126-016
16 cm/6¼"



Beck
0024-0127-017
17 cm/6¾"



Cooley



Cooley-Derra

0024-0128-016
16 cm/6 1/4"



0024-0128-017
17 cm/6 3/4"



0024-0128-018
18 cm/7"



Cooley

0024-0129-016 16 cm/6 1/4"
0024-0129-017 17 cm/6 3/4"



Ligature clamps

24

Cardiovascular Instruments

Atrauma Pediatric Clamps

24



Cooley



Cooley
14 cm/5½"



0024-0130-014



0024-0131-014



Cooley
0024-0132-014
14 cm/5½"



Cooley
0024-0133-014
14 cm/5½"



Cooley
0024-0134-014
14 cm/5½"



Cardiovascular Instruments
Neonatal and Pediatric Clamps



Fig.

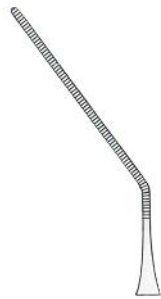


Fig.

Fig.	Straight
1	0024-0135-001
2	0024-0135-002
3	0024-0135-003
4	0024-0135-004
5	0024-0135-005
6	0024-0135-006
7	0024-0135-007
8	0024-0135-008
9	0024-0135-009

Fig.	Angled
1	0024-0136-001
2	0024-0136-002
3	0024-0136-003
4	0024-0136-004
5	0024-0136-005
6	0024-0136-006
7	0024-0136-007
8	0024-0136-008
9	0024-0136-009

Fig.	Curved
1	0024-0137-001
2	0024-0137-002
3	0024-0137-003
4	0024-0137-004
5	0024-0137-005
6	0024-0137-006
7	0024-0137-007
8	0024-0137-008
9	0024-0137-009



0024-0138-001
13 cm/5"



0024-0138-002
13 cm/5"



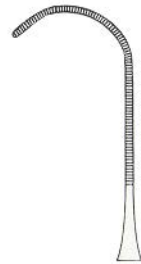
0024-0138-003
13 cm/5"



Castaneda



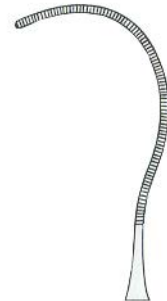
0024-0138-004
15 cm/6"



0024-0138-005
15 cm/6"



0024-0138-006
15 cm/6"



0024-0138-007
15 cm/6"

24

Cardiovascular Instruments

Suction Tubes and Tourniquets

24



Cooley
0024-0139-001
25 cm/10"



Cooley
0024-0139-002
33 cm/13"



Cooley
0024-0139-003
30 cm/12"



Cooley
0024-0139-004
30 cm/12"



Cooley
0024-0139-005
35 cm/13¾"

Tourniquets



Rumel-Belmont
0024-0140-032 3.2 mmØ
0024-0140-064 6.4 mmØ



Cooley
0024-0141-000



Gerbode
0024-0142-000



Tubbs
0024-0143-000

24

Cardiovascular Instruments
Vascular Dilators

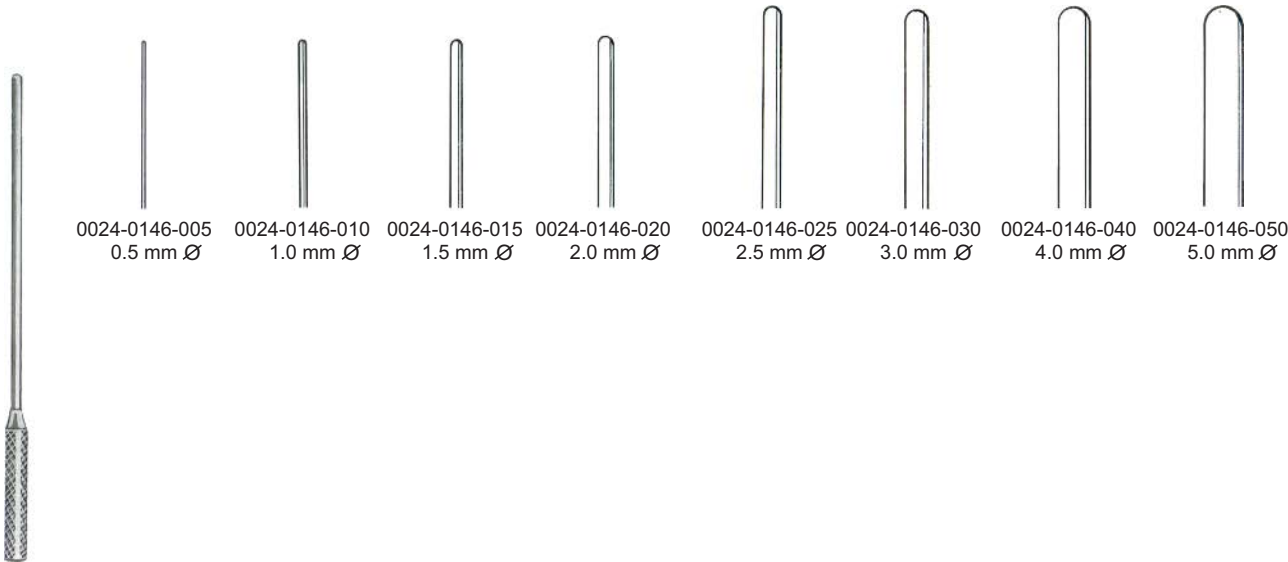
24



De Bakey

mm Ø	19 cm/7 1/2"	35 cm/14"
0.5	0024-0144-005	0024-0145-005
1.0	0024-0144-010	0024-0145-010
1.5	0024-0144-015	0024-0145-015
2.0	0024-0144-020	0024-0145-020
2.5	0024-0144-025	0024-0145-025
3.0	0024-0144-030	0024-0145-030
3.5	0024-0144-035	0024-0145-035
4.0	0024-0144-040	0024-0145-040
4.5	0024-0144-045	0024-0145-045
5.0	0024-0144-050	0024-0145-050
7.0	0024-0144-070	0024-0145-070
9.0	0024-0144-090	0024-0145-090

Malleable



Cooley
13 cm/5"

26

Plaster Instruments

Plaster Knives, Saws and Cast Breakers

26



Hopkins
0026-0001-020
20 cm/8"



Esmarch
0026-0002-018
18 cm/7"



Reiner
0026-0003-018
18.5 cm/7¼"

Plaster Saw



Engel
0026-0004-014
14cm/5½"



Bergmann
0026-0005-018
18 cm/7"



Wolf
0026-0006-018 18cm/7"
0026-0006-024 24cm/9½"

26

Plaster Instruments

Plaster Spreaders

26



Henning
0026-0007-028
28 cm/11"



Beeson
0026-0008-030
30 cm/12"



Haglund-Stille
0026-0009-028
28 cm/11"



Mod. USA
0026-0010-023
23 cm/9"

27

Tracheotomy Instruments

Trachea Dilators and Retractors

27



Laborde
0027-0001-015 15 cm/6"



Trousseau
0027-0002-014
14 cm/5½"



Trousseau-Baby
0027-0003-013
13 cm/5"

Hooks

Left

Right

Sharp

Bose
16 cm/6¼"



Bose
0027-0004-007
7 cm/2¾"

0027-0005-016

0027-0006-016



Schoenborn
0027-0007-021
21 cm/8¼"

Thyroid Gland Retractor

Trachea Trocars



Uckerman
0027-0008-008 8 mm Ø
0027-0008-010 10 mm Ø
13 cm/5"

27

Tracheotomy Instruments

Trachea Tubes

27

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



Fig.	mm Ø	
0	4	0027-0009-004
1	5	0027-0009-005
2	6	0027-0009-006
3	7	0027-0009-007
4	8	0027-0009-008
5	9	0027-0009-009
6	10	0027-0009-010
7	11	0027-0009-011
8	12	0027-0009-012
9	13	0027-0009-013

Fig.	mm Ø	
0	4	0027-0010-004
1	5	0027-0010-005
2	6	0027-0010-006
3	7	0027-0010-007
4	8	0027-0010-008
5	9	0027-0010-009
6	10	0027-0010-010
7	11	0027-0010-011
8	12	0027-0010-012
9	13	0027-0010-013

Chavalier Jackson



Fueller

Fig.	F.G.	
1	18	0027-0011-018
2	20	0027-0011-020
3	22	0027-0011-022
4	24	0027-0011-024
5	26	0027-0011-026
6	28	0027-0011-028
7	30	0027-0011-030
8	32	0027-0011-032

Comedone Extractors



Schamberg
0028-0001-010
10 cm/4"



Unna
0028-0002-014
14 cm/5½"



Unna
0028-0003-014
14 cm/5½"



Sealfeld
0028-0004-010
10 cm/4"



Saalfeld
0028-0005-014
14 cm/5½"



Katsch
0028-0006-014
14 cm/5½"



Hebra
0028-0007-018
18 cm/7"

Skin Currettes



Piffard
14.5cm/5¾"



Fig. 1 0028-0008-001



Fig. 2 0028-0008-002



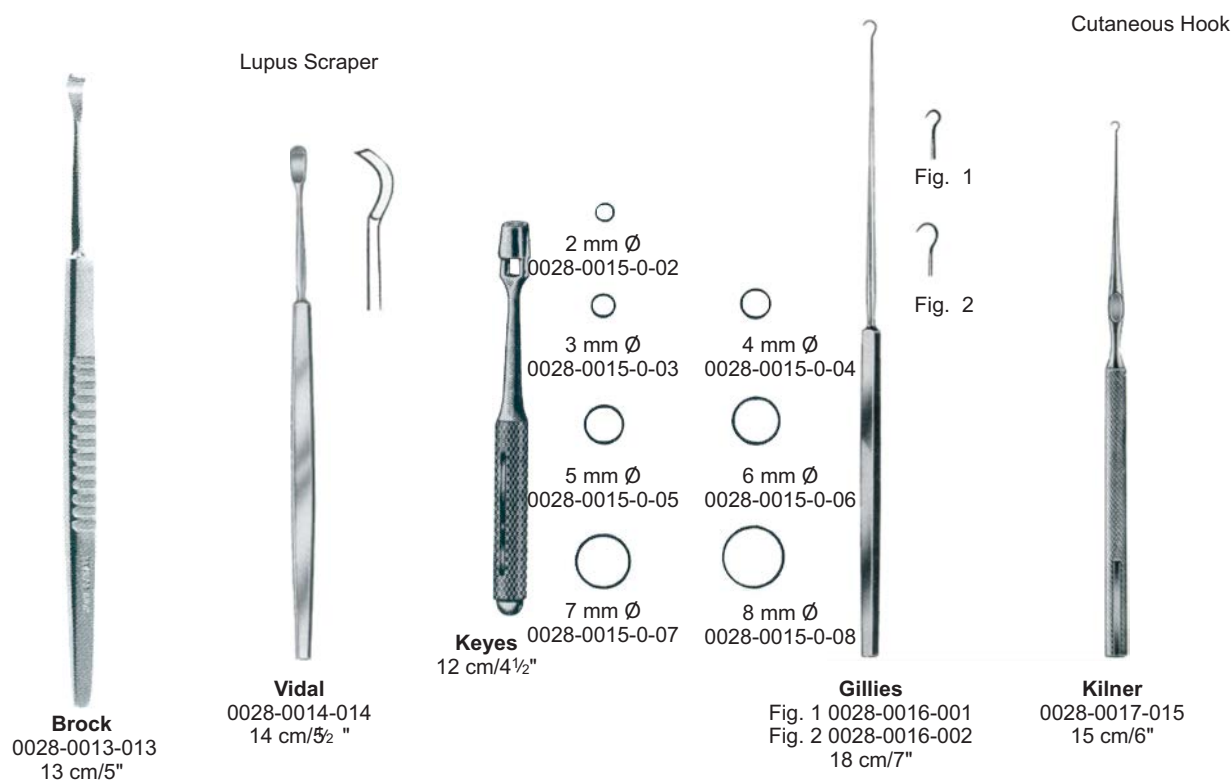
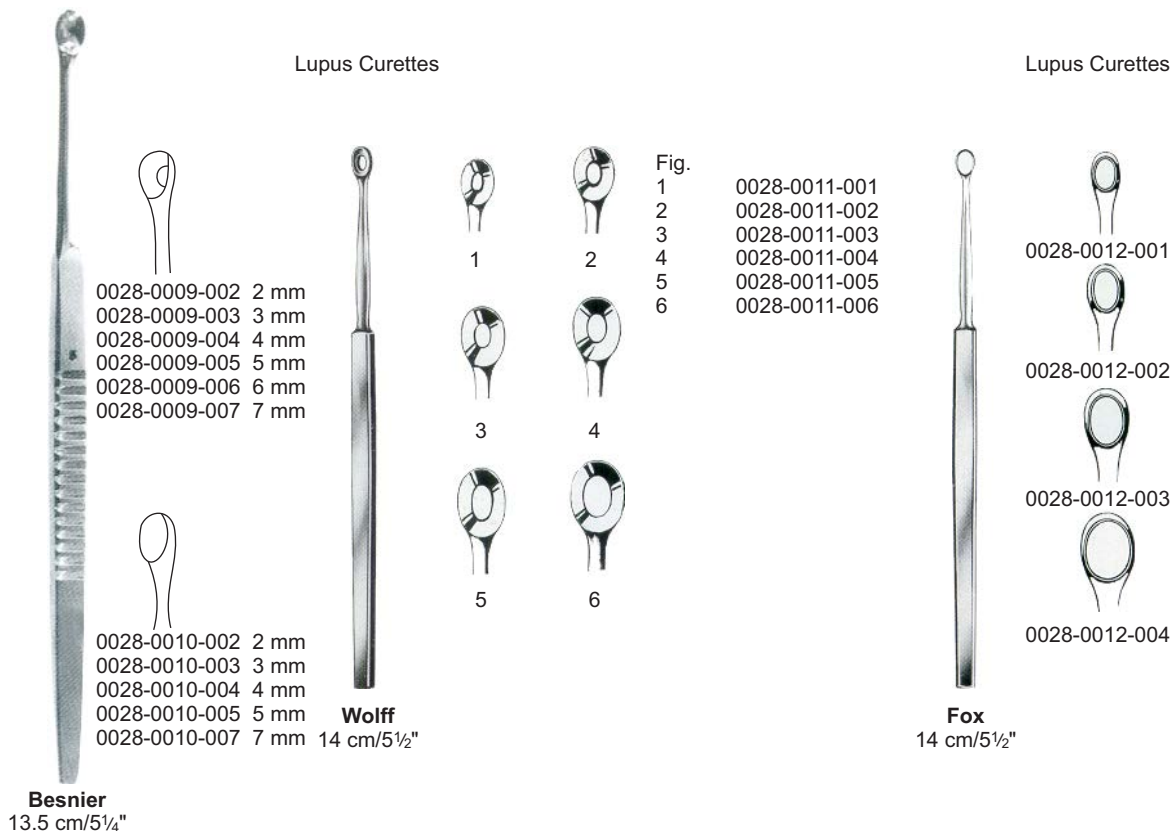
Fig. 3 0028-0008-003

28

Dermatology Instruments

Lupus Currettes, Scraper, Moncorps Knife and Cutaneous Hooks/ Trephines

28



29

Kidney, Liver and Gall Stone Instruments

Kidney Pedicle Clamp Forceps

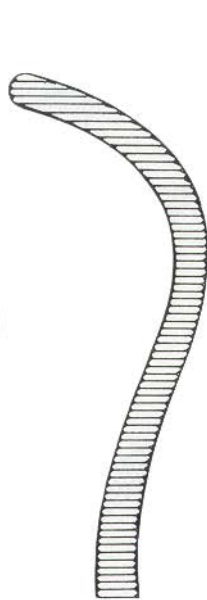
29



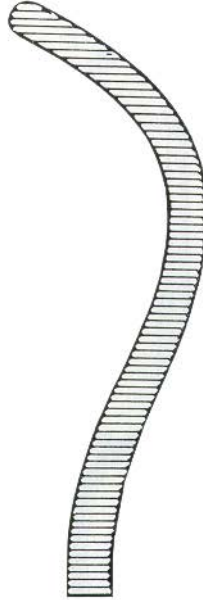
Guyon



0029-0001-020
20 cm/8"



0029-0001-022
22 cm/8¾"



0029-0001-024
24 cm/9½"



0029-0002-023
23 cm/9"



0029-0003-024
24 cm/9½"

Atrauma



Guyon

0029-0004-023
23 cm/9"

29

Kidney, Liver and Gall Stone Instruments
Kidney Pedicle Clamp Forceps

29



Herrick
0029-0005-023
23 cm/9"



Mayo-Guyon
0029-0006-023
23 cm/9"



Stille
0029-0007-023
23 cm/9"

29

Kidney, Liver and Gall Stone Instruments Kidney Stone Feps

29



Fig 6
0029-0008-006
19 cm/7 1/2"

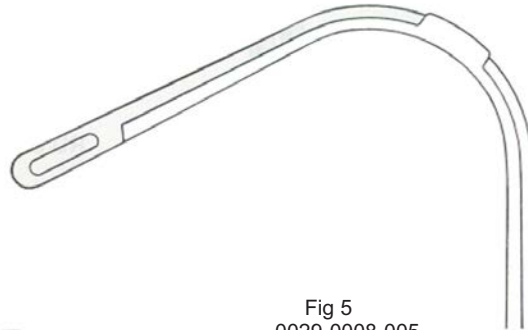
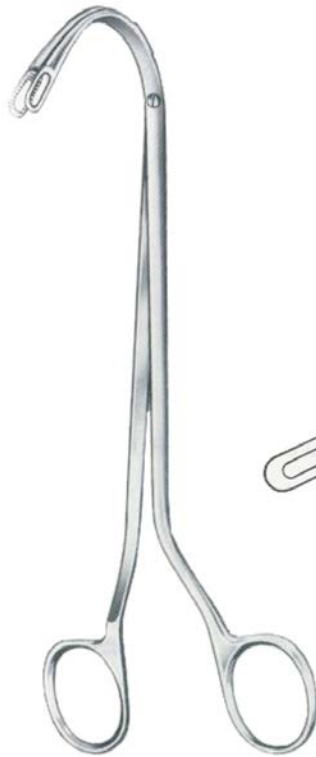


Fig 5
0029-0008-005
19 cm/7 1/2"



Randall



Randall



Fig. 4
0029-0009-004
22 cm/8 3/4"

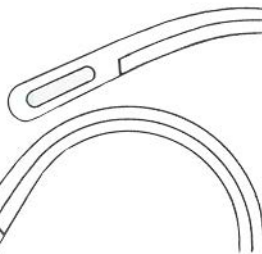


Fig. 3
0029-0009-003
22 cm/8 3/4"

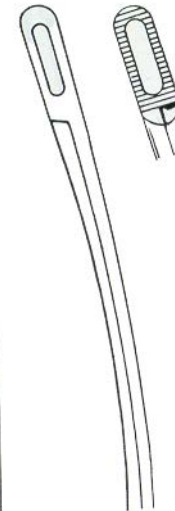


Fig. 2
0029-0009-002
22 cm/8 3/4"



Fig. 1
0029-0009-001
23 cm/9"

29

Kidney, Liver and Gall Stone Instruments Gall Duct Forceps

29



Gray

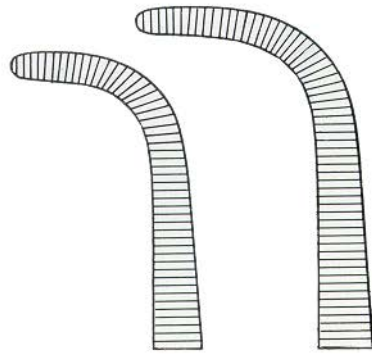


Fig. 1
0029-0010-001
22 cm/8¾"

Fig. 2
0029-0010-002
23 cm/9"



Gray

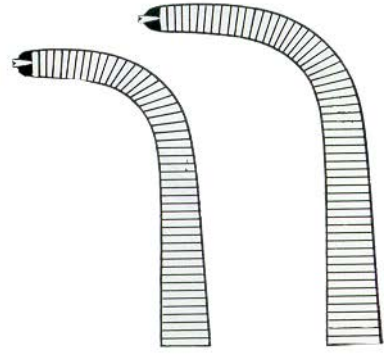


Fig. 1
0029-0011-001
22 cm/8¾"

Fig. 2
0029-0011-002
23 cm/9"



Gall duct and
cystic forceps

Desjardins
0029-0012-021
21 cm/8¼"



Nissen
0029-0013-021
21.5 cm/8½"

29

Kidney, Liver and Gall Stone Instruments Gall Stone Forceps

29



Straight 0029-0014-020
Blake 20 cm/8"
Curved 0029-0015-020



Straight 0029-0016-020
Mayo-Blake 20 cm/8"
Curved 0029-0017-020



Czerny
0029-0018-024
24.5 cm/9¾"



Desjardins
23 cm/9"



Fig. 1
0029-0019-001



Fig. 2
0029-0019-002

29

Kidney, Liver and Gall Stone Instruments
Gall Stone Probes and Bile Duct Dilators

29



Bile duct dilators.

mm	
1	0029-0021-001
2	0029-0021-002
3	0029-0021-003
4	0029-0021-004
5	0029-0021-005
6	0029-0021-006
7	0029-0021-007
8	0029-0021-008
9	0029-0021-009
10	0029-0021-010
11	0029-0021-011
12	0029-0021-012
13	0029-0021-013

0029-0021-000
set of 9 pieces

0029-0021-003 to 0029-0021-011

0029-0022-000
set of 9 pieces in canvas pocket



29

Kidney, Liver and Gall Stone Instruments

Gall Stone Scoops

29

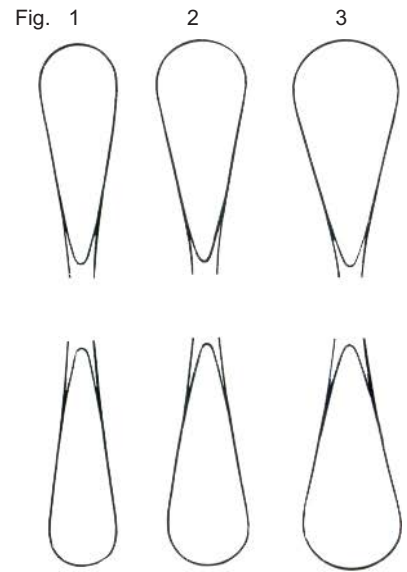


Fig.
1 0029-0027-001
2 0029-0027-002
3 0029-0027-003



Fergusson
24 cm/9½"



Moore
0029-0026-028
28 cm/11"

Malleable



Mayo
26.5 cm/10½"



Mayo
0029-1025-028
28 cm/11"

30

Stomach, Intestine and Rectum Instruments
Tissue Seizing Forceps and Intestinal Atrauma
Tissue Forceps

30

4 : 5



5 : 6



Allis

cm	in	4 : 5	5 : 6
15	6"	0030-1100-015	0030-0100-015
19	7½"		0030-0100-019
25	10"		0030-0100-025



Baby-Allis

0030-0101-012	12 cm/4¾"
0030-0101-014	14 cm/5½"



Atrauma



Allis-Atrauma

0030-0102-016	16 cm/6¼"
0030-0102-020	20 cm/8"
0030-0102-025	25 cm/10"
0030-0102-030	30 cm/12"



Allis-Adair
0030-0103-015
15 cm/6"



Baby-Allis
0030-0104-015
15 cm/6"



Lockwood-Allis
0030-0105-016 16 cm/6¼"
0030-0105-020 20 cm/8"



6 : 7



Thomas-Allis
0030-0106-020
20 cm/8"

30

Stomach, Intestine and Rectum Instruments

Intestinal Tissue Forceps, Atrauma, and Tungsten Carbide Inserts

30



Judd-Allis
0030-0001-015 15 cm/6"
0030-0001-019 19 cm/7½"



Littlewood
0030-0002-018
18.5 cm/7¼"



Williams
0030-0003-016
16 cm/6¼"



Lockwood
0030-0004-020
20 cm/8"

Atrauma



cm/in
16 cm/6¼" 0030-0005-016
18 cm/7" 0030-0005-020
20 cm/8" 0030-0005-020
24 cm/9½" 0030-0005-020



Babcock(Standard)
0030-0006-016
0030-0006-018
0030-0006-020
0030-0006-024



Baby-Babcock
0030-0007-016



Babcock
0030-0008-016
0030-0008-020

grip

30

Stomach, Intestine and Rectum Instruments Intestinal Tissue and Organ Grasping Forceps

30

Atrauma



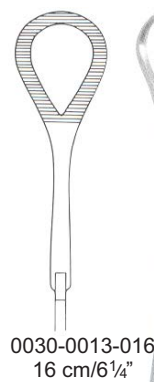
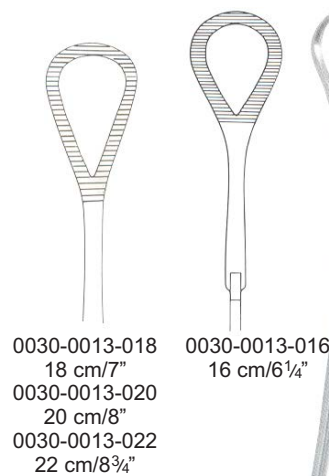
Duval

cm	in	
18	7"	0030-0010-018
20	8"	0030-0010-020
23	9"	0030-0010-023
		0030-0011-020
		0030-0011-023

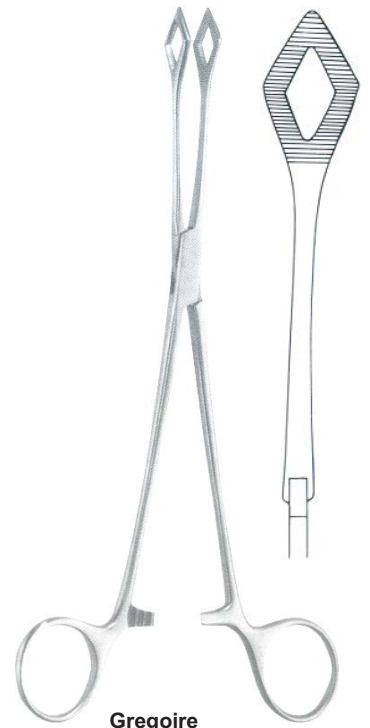
grip



Duval
0030-0012-020
20 cm/8"



Coeur



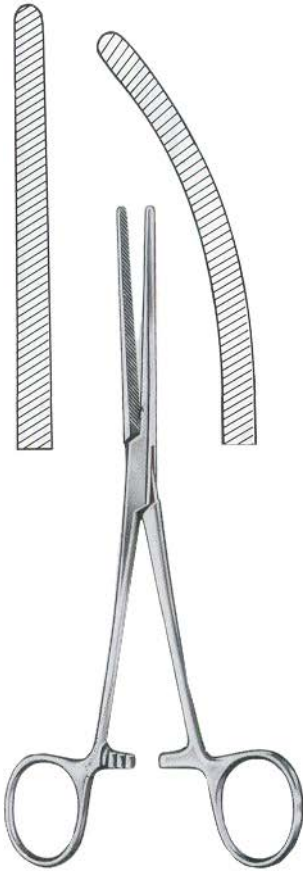
Gregoire

0030-0014-016	16 cm/6 1/4"
0030-0014-018	18 cm/7"
0030-0014-020	20 cm/8"
0030-0014-022	22 cm/8 3/4"

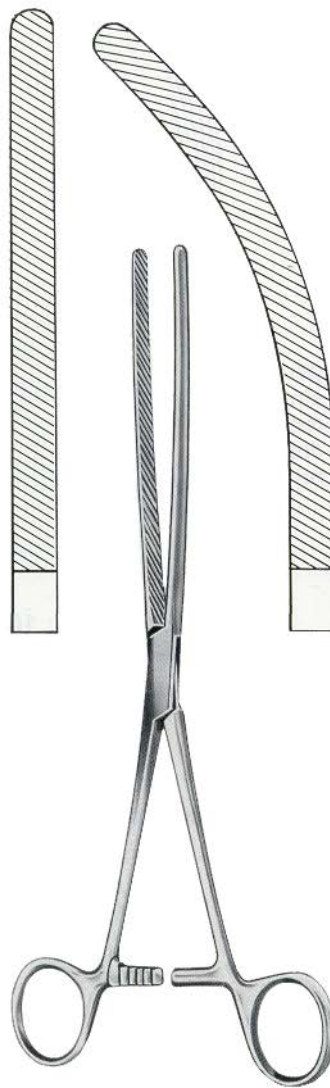
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Stomach, Intestine and Rectum Instruments
Intestinal Clamps Forceps

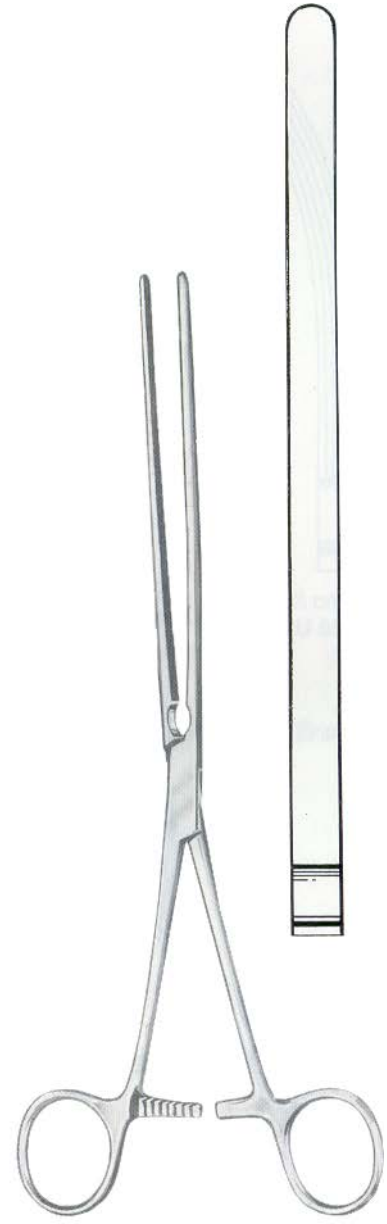
30



Baby-Doyen
Straight 0030-0015-018 18 cm/7"
Curved 0030-0016-018 18 cm/7"



Doyen
Straight 0030-0017-021 21 cm/8¼"
0030-0017-023 23 cm/9"
Curved 0030-0018-021 21 cm/8¼"
0030-0018-023 23 cm/9"



Scudder
0030-0019-025 25 cm/10"

30

Stomach, Intestine and Rectum Instruments
Atrauma Intestinal Clamps Forceps

30

Atrauma

Straight



Doyen-Atrauma



Atrauma

Curved



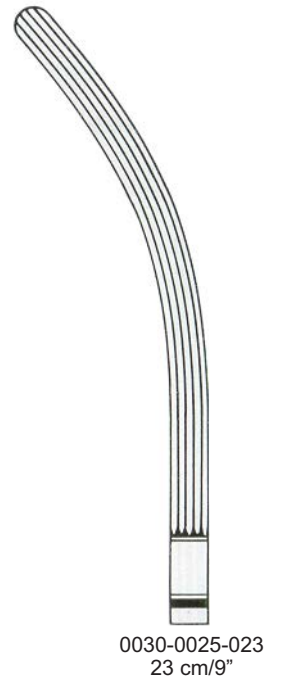
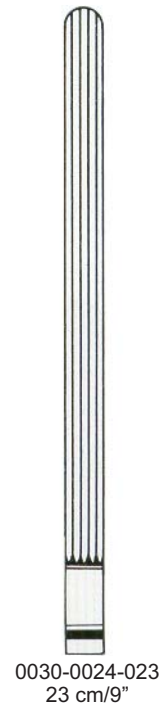
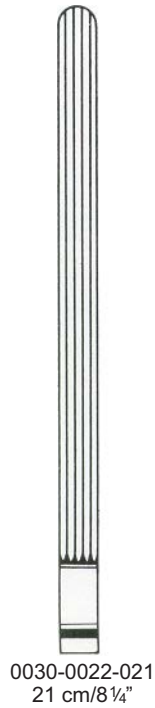
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Stomach, Intestine and Rectum Instruments
Intestinal Clamps Forceps

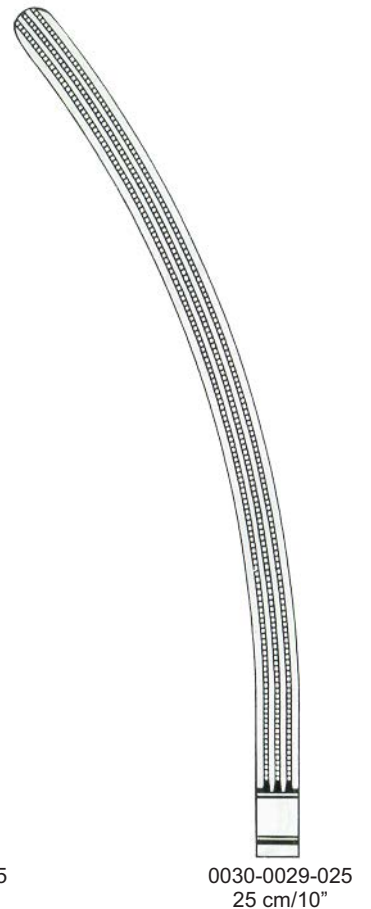
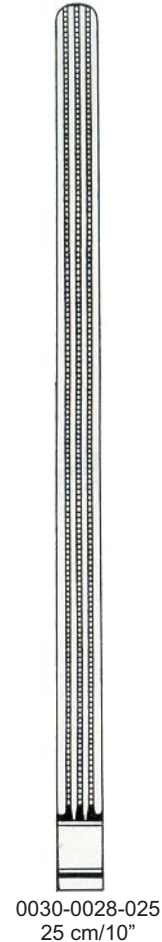
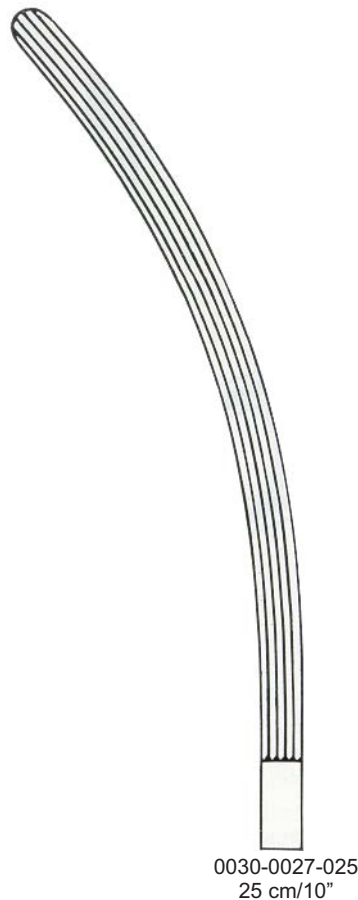
30



Mayo-Robson
Mayo-Robson Atrauma



Atrauma



30

Stomach, Intestine and Rectum Instruments
Atrauma Intestinal Clamps Forceps

30



Resano
0030-0030-030
30 cm/12"

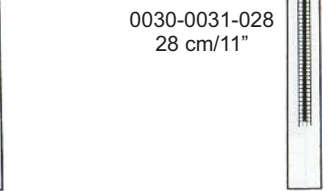


Hayes



0030-0031-026
26 cm/10 1/4"

Atrauma



0030-0031-028
28 cm/11"

Atrauma



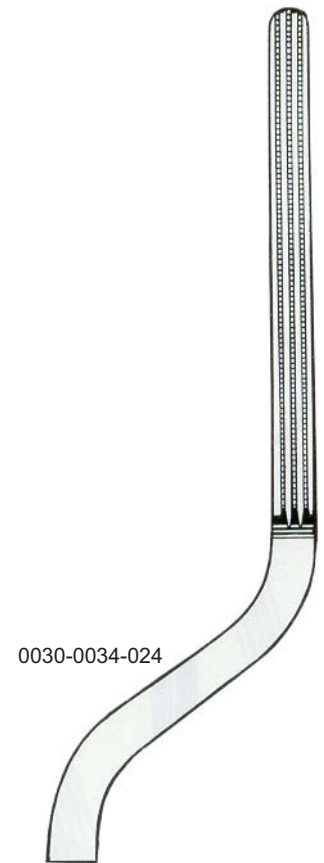
Fehland
0030-0032-024
24 cm/9 1/2"



Brunner
24 cm/9 1/2"



0030-0033-024



0030-0034-024

30

Stomach, Intestine and Rectum Instruments

Intestinal Clamps Forceps

30



Straight **Baby-Kocher** Curved
0030-0035-013 0030-0036-013
13 cm/5" 13 cm/5"



Kocher



0030-0037-022
22 cm/8 3/4"



0030-0037-025
25 cm/10"



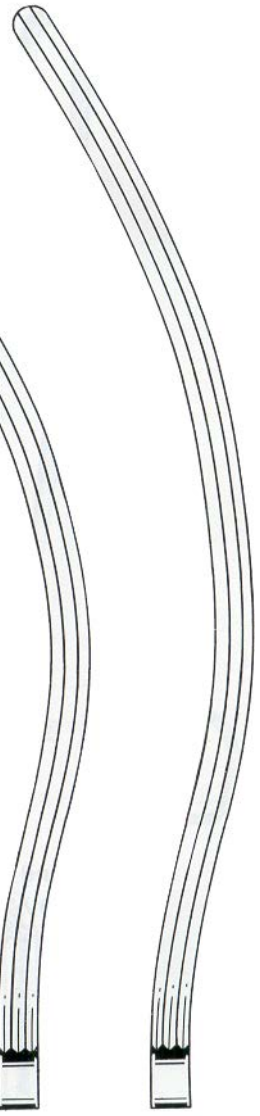
0030-0037-028
28 cm/11"



0030-0038-022
22 cm/8 3/4"



0030-0038-025
25 cm/10"



0030-0038-028
28 cm/11"

30

Stomach, Intestine and Rectum Instruments
Atrauma Intestinal Clamps Forceps

30

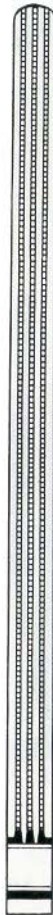
Atrauma



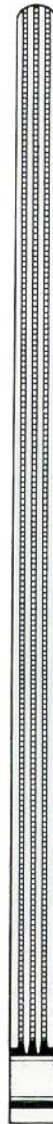
Kocher-Atrauma



0030-0039-022
22 cm/8¾"



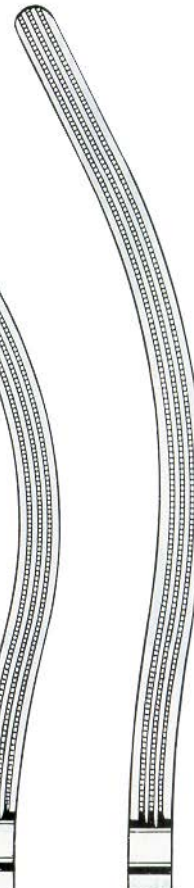
0030-0039-025
25 cm/10"



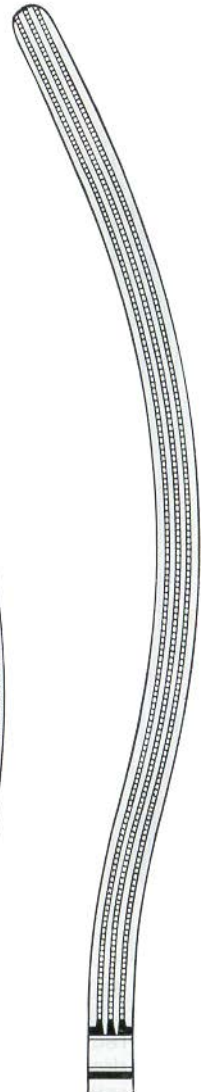
0030-0039-028
28 cm/11"



0030-0040-022
22 cm/8¾"



0030-0040-025
25 cm/10"



0030-0040-028
28 cm/11"

30

Stomach, Intestine and Rectum Instruments Intestinal Clamps Forceps

30



Straight
0030-0041-025



Nussbaum
25 cm/10"



Curved
0030-0042-025



Benson
0030-0043-015
15.5 cm/6"



Pylorus spreader



Allen
0030-0044-015 15.5 cm/6"
0030-0044-020 20.0 cm/8"



Kleinschmidt
0030-0045-012
12 cm/4¾"

Blindgut forceps

30

Stomach, Intestine and Rectum Instruments Intestinal Stomach Clamps

30



Payr
(Payr-Baby)

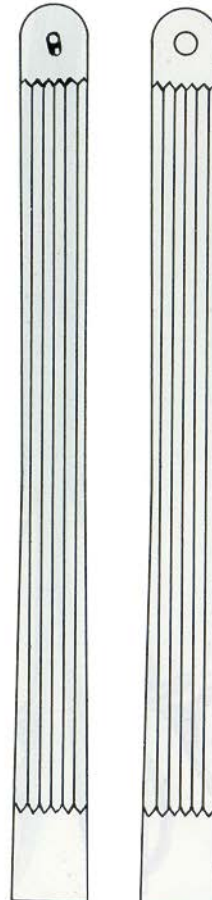
For children



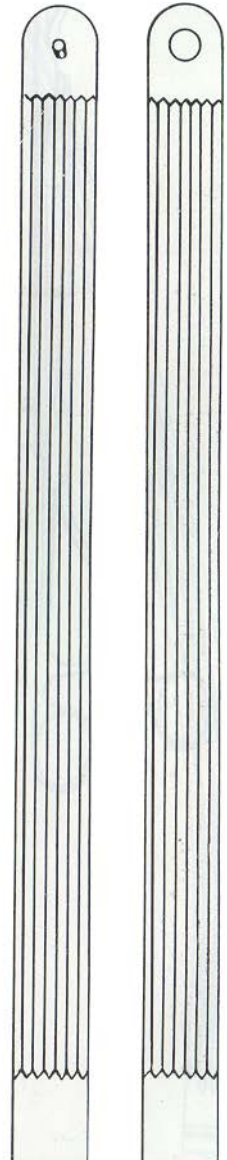
0030-0046-015
15 cm/6"



0030-0046-021
21 cm/8¼"



0030-0046-029
29 cm/11½"



0030-0046-035
35 cm/13¾"

30

Stomach Intestine and Rectum Instruments
Intestinal and Stomach Clamps

30

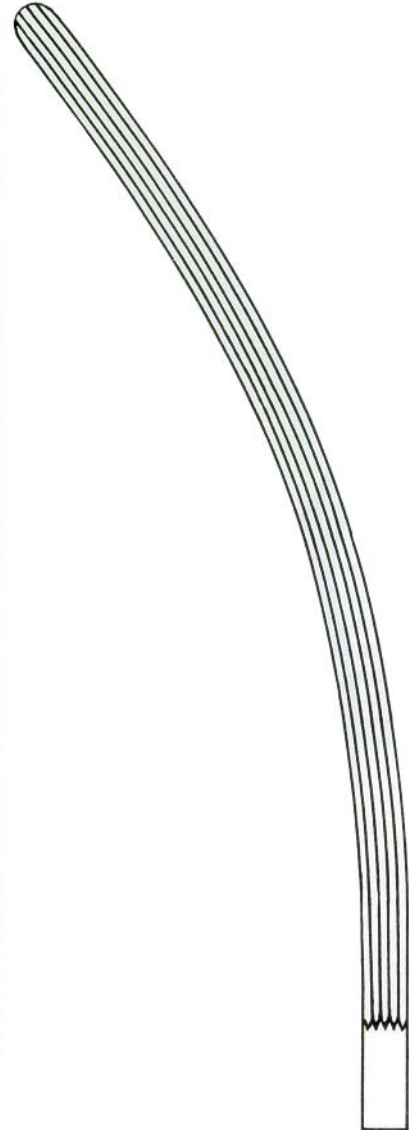
Twin Clamps Forceps



Lane
30 cm/12"



Straight
0030-0047-030



Curved
0030-0048-030

30

Stomach, Intestine and Rectum Instruments
Atrauma Intestinal Forceps

30

Atrauma



Scudder
Scudder-Atrauma
33 cm/13"



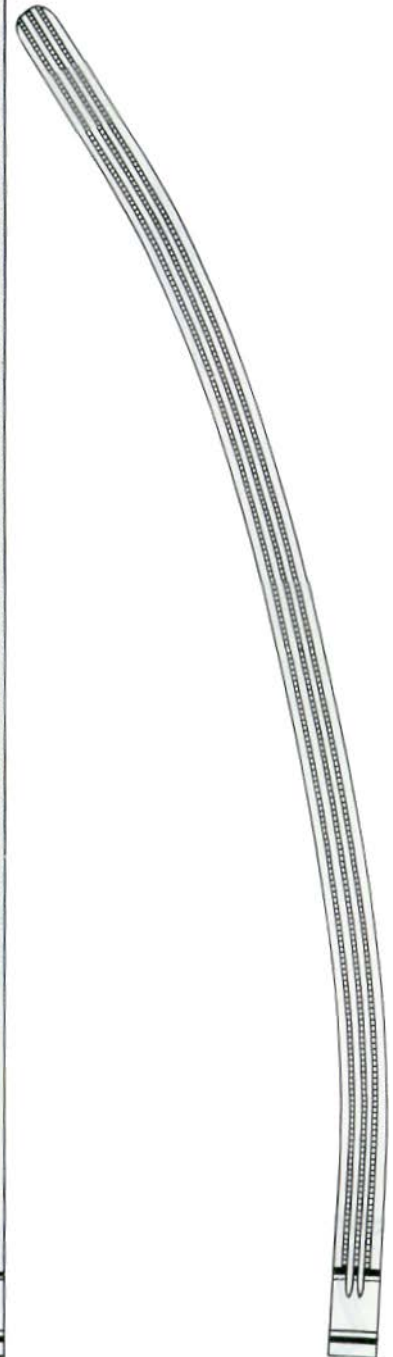
Straight
0030-0049-033



Curved
0030-0050-033



Straight
0030-0051-033



Curved
0030-0052-033

30

Stomach, Intestine and Rectum Instruments

Stomach Clamps Forceps

30

Intestinal and Stomach Twin Clamps



Haberer
0030-0053-036
36 cm/14"



Straight
0030-0054-030

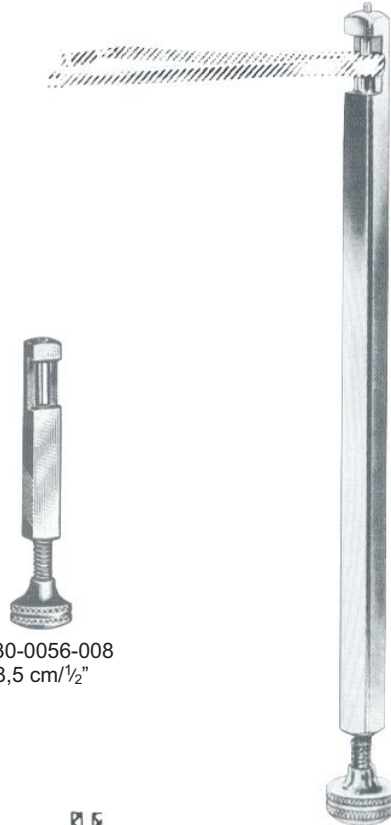
Nussbaum
30 cm/12"

Curved
0030-0055-030

30

Intestinal and Anastomosis Clamp Forceps

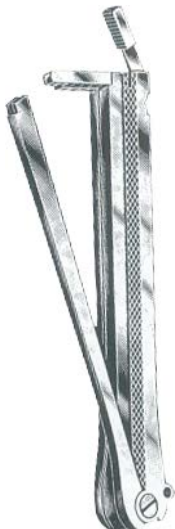
30



De Martel-Wolfson
0030-0056-023
23 cm/9"



0030-0056-008
8,5 cm/1½"



De Martel-Wolfson
0030-0057-005 5cm/2"
0030-0057-007 7cm/2¾"
0030-0057-010 10cm/4"
Set of 3 clamps



5 cm/2"



7 cm/2¾"



10 cm/4"



De Martel-Wolfson
0030-0057-000
26 cm/19¾"

30

Stomach, Intestine and Rectum Instruments Rectal Speculas

30



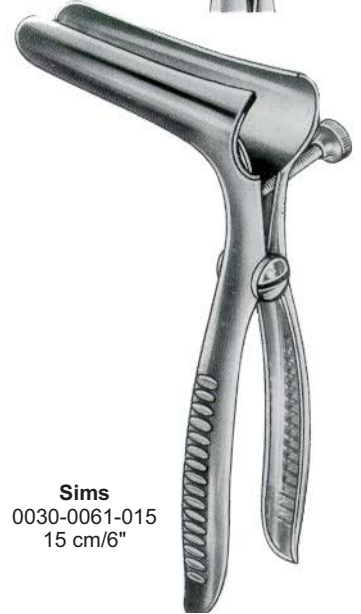
Czerny
0030-0058-022
22 cm/8¾"



Pratt
0030-0059-020
80 x 25 mm
20.5 cm/8"



Sims
0030-0060-015



Sims
0030-0061-015
15 cm/6"



Sims
22 cm/8¾"

Length of Blades
0030-0062-006
0030-0062-008
0030-0062-012
0030-0062-015

60 mm
80 mm
125 mm
150 mm



Mathieu
0030-0063-019
90 x 15 mm
19.5 cm/7¾"

30

Stomach, Intestine and Rectum Instruments Rectal Speculas, Anal Retractors and Anuscope

30



Barr
0030-0064-017
17 cm/6³/₄"
70 X 22 mm



Smith-Bule
0030-0065-015
15 cm/6"

Anuscope



Hirschmann
0030-0066-001
0030-0066-002
0030-0066-003
0030-0066-004

Fig. 1 16 mm Ø x 65 mm
Fig. 2 19 mm Ø x 65 mm
Fig. 3 22 mm Ø x 65 mm
Fig. 4 25 mm Ø x 65 mm



Bensaude
0030-0067-001
0030-0067-002

Fig. 1 19 mm Ø x 70 mm
Fig. 2 22 mm Ø x 70 mm

30

Stomach, Intestine and Rectum Instruments Anuscope, Proctoscopes and Sphincteroscopes

30



Ives-Fansler
0030-0068-022
22 mm Ø



Brinkhoff specula

Ø 13/25 x 90mm	0030-0069-001
Ø 13/25 x 100mm	0030-0069-002
Ø 19/32 x 115mm	0030-0069-003



Fig. 1 22 mm Ø x 50 mm	0030-0070-001
Fig. 2 22 mm Ø x 100 mm	0030-0070-002
Fig. 3 22 mm Ø x 140 mm	0030-0070-003
Fig. 4 22 mm Ø x 200 mm	0030-0070-004



Kelly

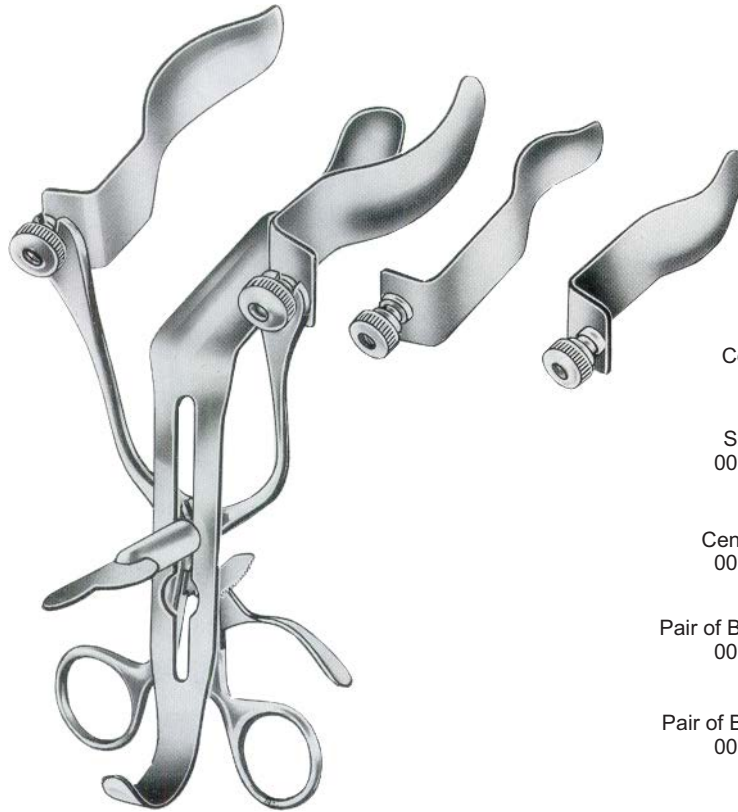
Fig. 1 21 mm Ø 50 mm	0030-0071-001
Fig. 2 27 mm Ø 50 mm	0030-0071-002

Kelly

30

Stomach, Intestine and Rectum Instruments Anal Retractors

30



Park
0030-0072-000
14.5 cm/5¾"

Consisting of:

Spreader only
0030-0072-001

Center Blade only
0030-0072-002

Pair of Blades Only 75 mm
0030-0072-003

Pair of Blades only 95 mm
0030-0072-004



Park
0030-0073-000
13 cm/5"

Consisting of:

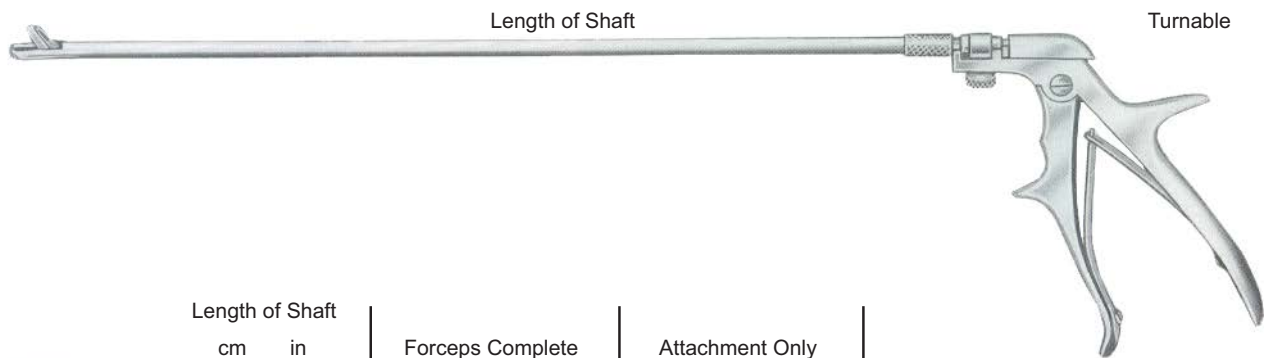
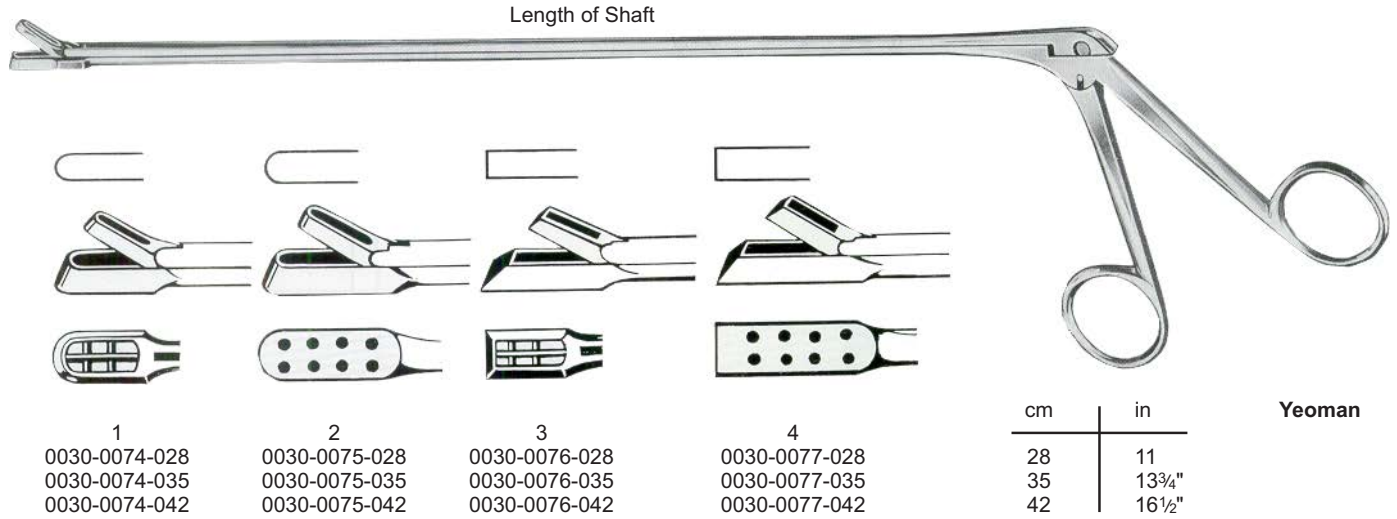
Spreader only
0030-0073-001

Pair of Blades only 95 mm
0030-0073-002

30

Stomach, Intestine and Rectum Instruments Rectal Biopsy Specimen Forceps

30



**Yeoman
(Turrell)**
Handle Only
0030-0078-000

	Length of Shaft		Forceps Complete	Attachment Only
	cm	in		
	33	13	0030-0078-033 0030-0078-040	0030-0082-033 0030-0082-040
	40	16		
	33	13	0030-0079-033 0030-0079-040	0030-0083-033 0030-0083-040
	40	16		
	33	13	0030-0080-033 0030-0080-040	0030-0084-033 0030-0084-040
	40	16		
	33	13	0030-0081-033 0030-0081-040	0030-0085-033 0030-0085-040
	40	16		

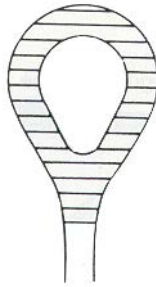
30

Stomach, Intestine and Rectum Instruments Haemorrhoidal Forceps and Rectal Snares

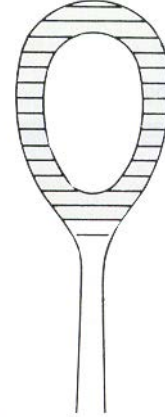
30



Heywood-Smith
0030-0086-020
20 cm/8"



Heywood-Smith
0030-0087-021
21 cm/8¼"



Rectal Snare



Norwood
0030-0088-030
30 cm/12"

Rectal Aspiration Cannula



Buie
0030-0089-040
Charr. 10. 40 cm/15¾"

30

Stomach, Intestine and Rectum Instruments Haemorrhoidal Ligators

30

Aspiration Tip



	a	Ø
0030-0090-011	11 mm	10 mm
0030-0090-016	16 mm	10 mm

Charging Cone



10 mm Ø

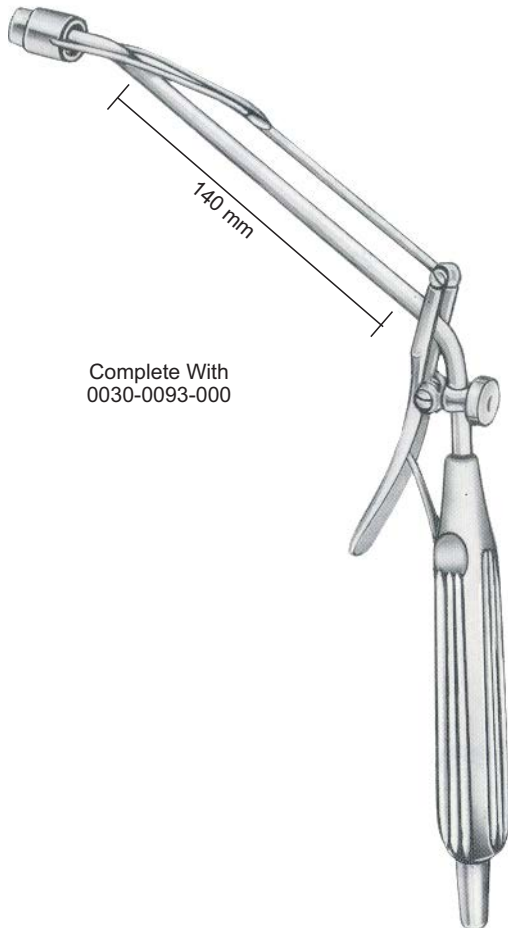
0030-0091-010

Charging Cone



12 mm Ø

0030-0092-012



Complete With
0030-0093-000

Migivney



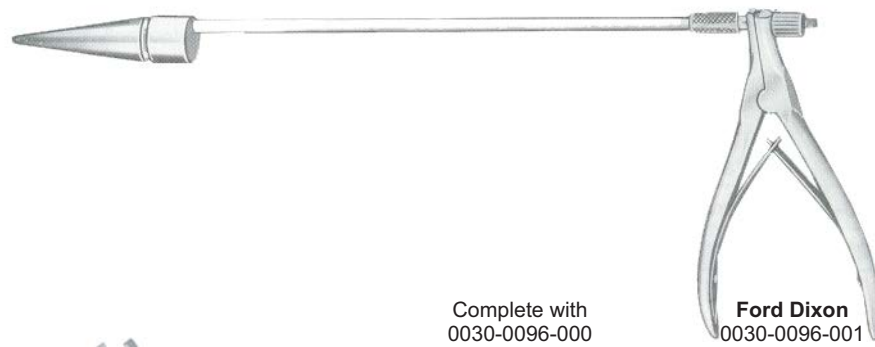
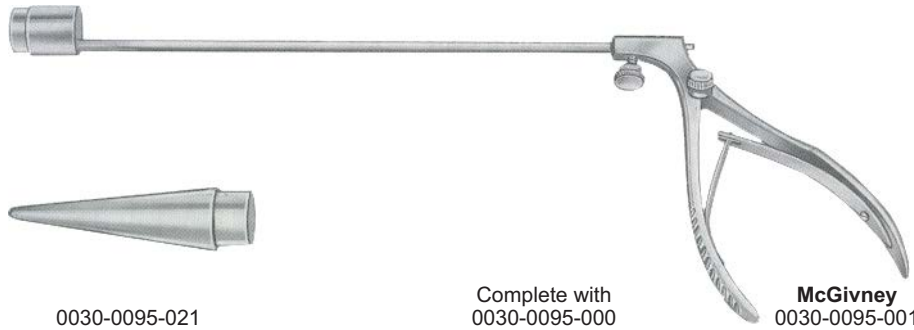
Complete With
0030-0094-000

Rudd
31.5 cm/12 1/2"

30

Stomach, Intestine and Rectum Instruments Haemorrhoidal Ligators

30



0030-0098-000
Ligator rubber rings
in box of 100 pieces

31

Bladder and Urology Instruments
Prostatic Retractors and Prostatic Lobe Holding Forceps

31



Young
0031-0001-021
21 cm/8 1/4"



Young
0031-0002-022
22 cm/8 3/4"



Young
0031-0003-021
21 cm/8 1/4"



Young
0031-0004-022
22 cm/8 3/4"



Millin
0031-0005-023
23 cm/9"



Millin
0031-0006-023
23 cm/9"



Millin
0031-0007-023
23 cm/9"

31

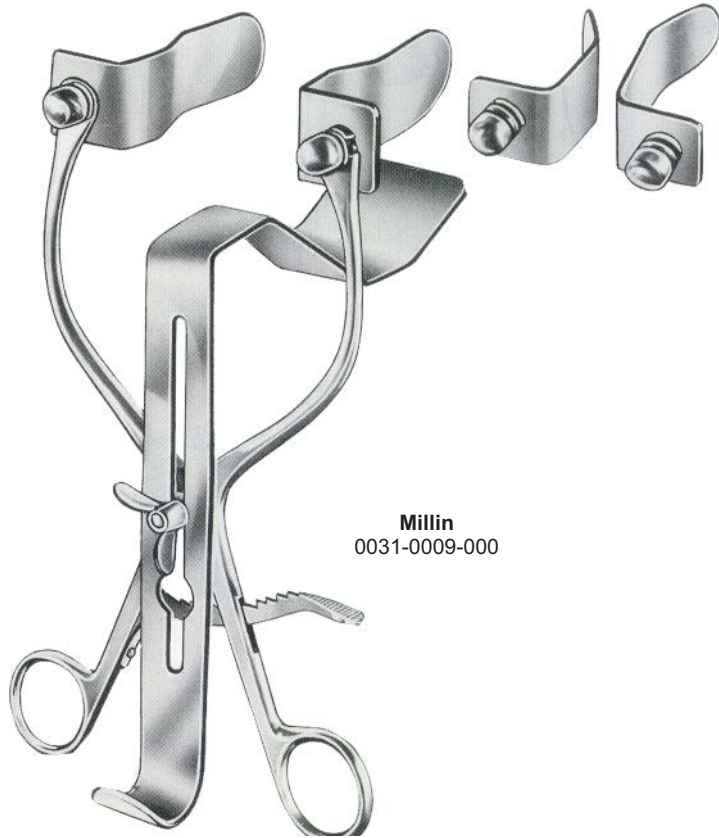
Bladder and Urology Instruments

Bladder Retractors

31



Millin
0031-0008-028
28.5 cm/11¼"



Millin
0031-0009-000



Legueu
0031-0010-000



Judd-Masson
0031-0011-000

31

Bladder and Urology Instruments

Bladder Retractors

31



Judd-Masson
0031-0012-000



Thomson-Walker
0031-0013-000



Legueu
0031-0014-027
27 cm/10½"
35 mm



Kocher
0031-0015-026
26 cm/10¼"
67 mm

31

Bladder and Urology Instruments

Dilating Bougies

31

mm Ø Charriere (French)

2 2/3	8
3	9
3 1/3	10
3 2/3	11
4	12
4 1/3	13
4 2/3	14
5	15
5 1/3	16
5 2/3	17
6	18
6 1/3	19
6 2/3	20
7	21
7 1/3	22
7 2/3	23
8	24
8 1/3	25
8 2/3	26
9	27
9 1/3	28
9 2/3	29
10	30
10 1/3	32
11 2/3	34
12	36



Van Buren
Charrier (French)
No. 8-36

0031-0016-008
0031-0016-036
28 cm/11"

In Canvas Pouch
0031-0016-050
Set of 6

6 Pcs. 0031-0016-014/24

0031-0016-060
Set of 12
12 Pcs 0031-0016-008/30

0031-0016-008
0031-0016-010
0031-0016-012
0031-0016-014
0031-0016-016
0031-0016-018
0031-0016-020
0031-0016-022
0031-0016-024
0031-0016-026
0031-0016-028
0031-0016-030
0031-0016-032
0031-0016-034
0031-0016-036



Dittel
Charriere (French)
No. 8-30

0031-0017-008
0031-0017-030
19.5 cm/7 1/2"

Straight

0031-0017-008
0031-0017-009
0031-0017-010
0031-0017-011
0031-0017-012
0031-0017-013
0031-0017-014
0031-0017-015
0031-0017-016
0031-0017-017
0031-0017-018
0031-0017-019
0031-0017-020
0031-0017-021
0031-0017-022
0031-0017-023
0031-0017-024
0031-0017-025
0031-0017-026
0031-0017-027
0031-0017-028
0031-0017-026
0031-0017-030

Curved

0031-0018-008
0031-0018-009
0031-0018-010
0031-0018-011
0031-0018-012
0031-0018-013
0031-0018-014
0031-0018-015
0031-0018-016
0031-0018-017
0031-0018-018
0031-0018-019
0031-0018-020
0031-0018-021
0031-0018-022
0031-0018-023
0031-0018-024
0031-0018-025
0031-0018-026
0031-0018-027
0031-0018-028
0031-0018-026
0031-0018-030



Dittel
Charriere (French)
No. 8-30

0031-0018-008
0031-0018-030
34.5 cm/13 1/2"

31

Bladder and Urology Instruments

Metal Catheters and Introducers

31

For men



0031-0019-006
0031-0019-024

	mm Ø	Charriere (French)	
0031-0019-006	2	6	0031-0020-006
0031-0019-007	2 $\frac{1}{3}$	7	0031-0020-007
0031-0019-008	2 $\frac{2}{3}$	8	0031-0020-008
0031-0019-009	3	9	0031-0020-009
0031-0019-010	3 $\frac{1}{3}$	10	0031-0020-010
0031-0019-011	3 $\frac{2}{3}$	11	0031-0020-011
0031-0019-012	4	12	0031-0020-012
0031-0019-013	4 $\frac{1}{3}$	13	0031-0020-013
0031-0019-014	4 $\frac{2}{3}$	14	0031-0020-014
0031-0019-015	5	15	0031-0020-015
0031-0019-016	5 $\frac{1}{3}$	16	0031-0020-016
0031-0019-017	5 $\frac{2}{3}$	17	0031-0020-017
0031-0019-018	6	18	0031-0020-018
0031-0019-019	6 $\frac{1}{3}$	19	0031-0020-019
0031-0019-020	6 $\frac{2}{3}$	20	0031-0020-020
0031-0019-021	7	21	0031-0020-021
0031-0019-022	7 $\frac{1}{3}$	22	0031-0020-022
0031-0019-023	7 $\frac{2}{3}$	23	0031-0020-023
0031-0019-024	8	24	0031-0020-024

For Women



Catheter Introducing Instruments



Guyon
0031-0020-039
39 cm/15 $\frac{1}{2}$ "



Guyon
0031-0021-035
35 cm/13 $\frac{3}{4}$ "

31

Bladder and Urology Instruments Metal Catheters and Cannula

31



Bozemann-Fritsch
0031-0022-008 8mm
0031-0022-010 10mm
0031-0022-012 12mm



Rotunda Hospital
0031-0023-005 8 eg 5 mm
0031-0023-006 10 eg 6mm



Carton
0031-0024-005 5mm
30cm/12"



Drew Smythe
0031-0025-000



Hayes Provis
0031-0026-000



Spackmann
0031-0027-000
18 cm/7"



Provis Intra
0031-0028-000



Spackmann
0031-0029-000

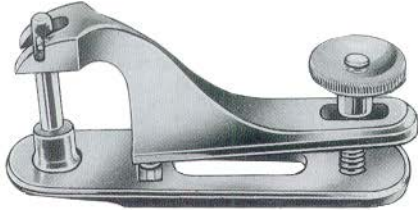
31

Bladder and Urology Instruments

Urology Instruments

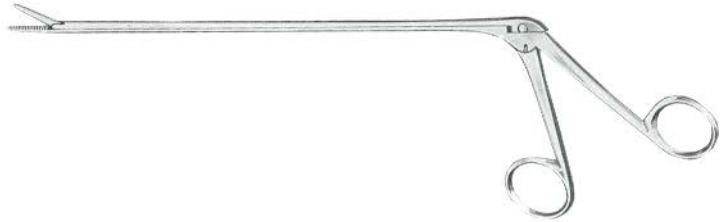
31

Circumcision Instruments



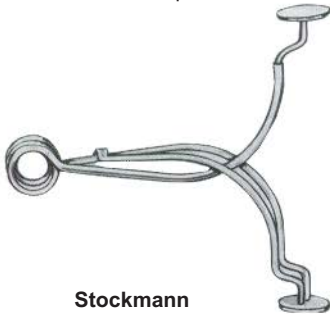
0031-0030-008	08 mm
0031-0030-011	11 mm
0031-0030-013	13 mm
0031-0030-016	16 mm
0031-0030-021	21 mm
0031-0030-026	26 mm
0031-0030-032	32 mm

Foreign Body Forceps

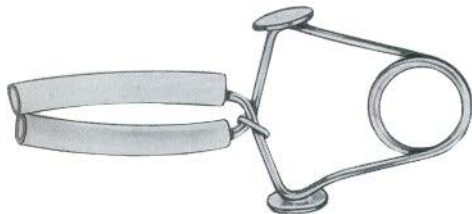


Mathieu
0031-0031-028
28 cm/11"

Penis Clamps



Stockmann
0031-0032-000



Strauss
0031-0033-000

Secretion Scoop



Guttman
0031-0034-026
26.5 cm/10½"

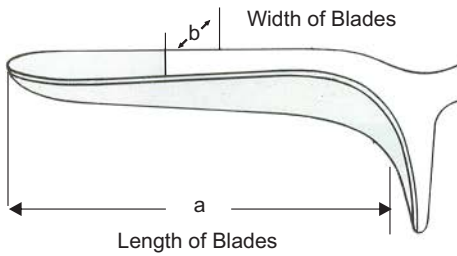
32

Gynecology Instruments

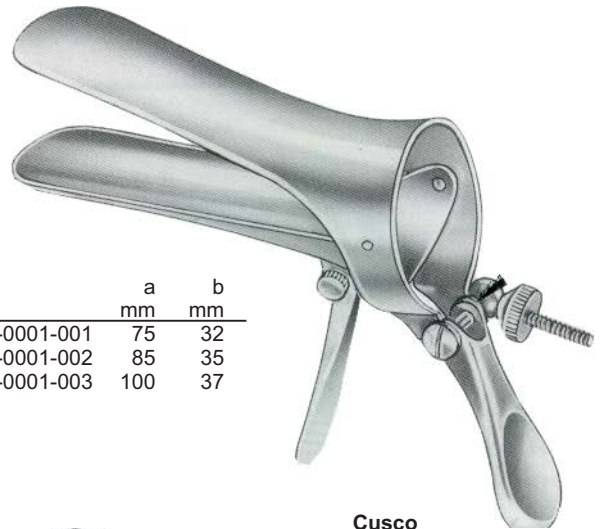
Vaginal Speculas

32

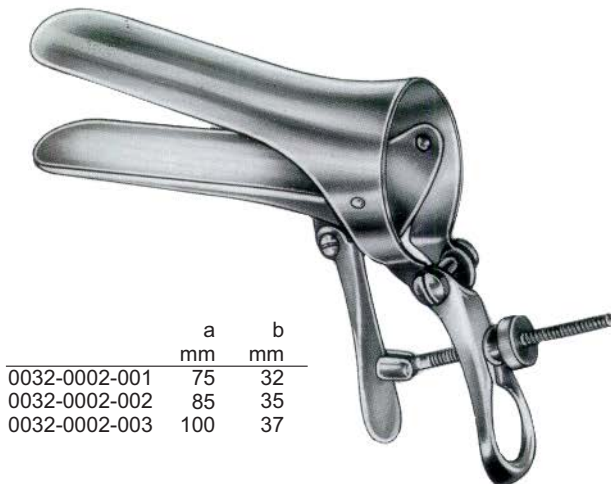
Scheme of Dimensions for Specula



	a mm	b mm
0032-0001-001	75	32
0032-0001-002	85	35
0032-0001-003	100	37



Cusco

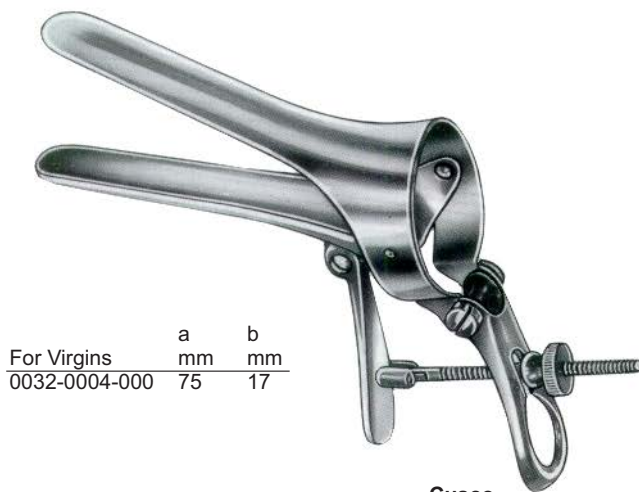


	a mm	b mm
0032-0002-001	75	32
0032-0002-002	85	35
0032-0002-003	100	37

Cusco



Cusco



For Virgins	a mm	b mm
0032-0004-000	75	17

Cusco



	a mm	b mm
0032-0005-001	90	23-25
0032-0005-002	100	25-27
0032-0005-003	110	27-30

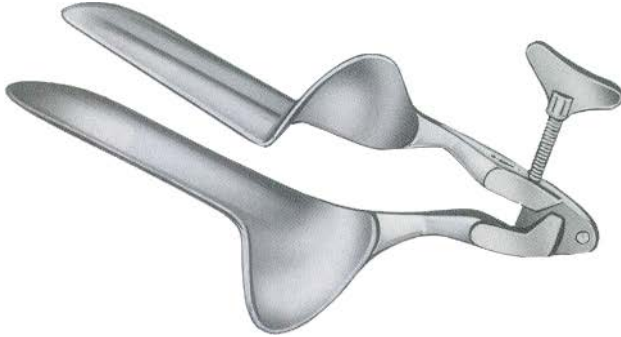
Cusco
Swiss Pattern

32

Gynecology Instruments

Vaginal Speculas

32



Collin-Landau

	a mm	b mm
0032-0006-001	85	30
0032-0006-002	100	35
0032-0006-003	110	40



Collin

	a mm	b mm
0032-0007-001	85	30
0032-0007-002	100	35
0032-0007-003	110	40



Collin

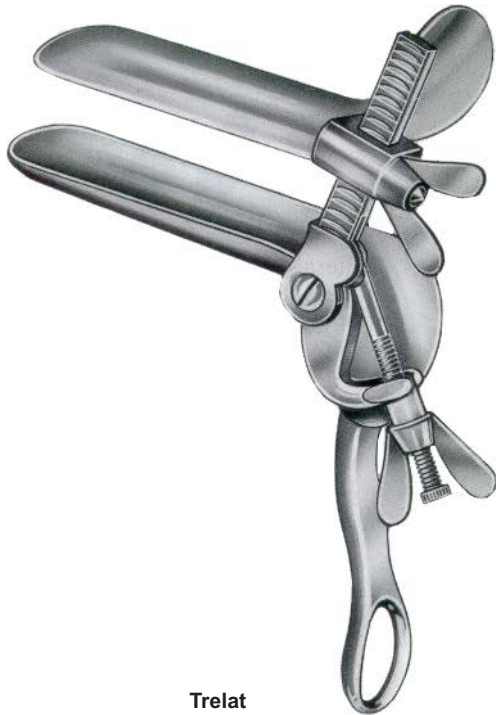
	a mm	b mm
0032-0008-001	100	x 16
0032-0008-002	100	x 25
0032-0008-003	100	x 30
0032-0008-004	100	x 35
0032-0008-005	100	x 40

32

Gynecology Instruments

Vaginal Speculas For Laser Surgery

32



Trelat

	a mm	b mm
0032-0009-001	85	33
0032-0009-002	95	35
0032-0009-003	115	43



Grave (Standard)

	a mm	b mm
0032-0010-001	75	20
0032-0010-002	95	30
0032-0010-003	115	35
0032-0010-004	125	35

Black



Grave

	a mm	b mm
0032-0011-001	75	20
0032-0011-002	95	30
0032-0011-003	115	35

Insulated



Grave

	a mm	b mm
0032-0012-000	101	35



Pederson

	a mm	b mm
0032-0013-001	75	13
0032-0013-002	100	22
0032-0013-003	120	25

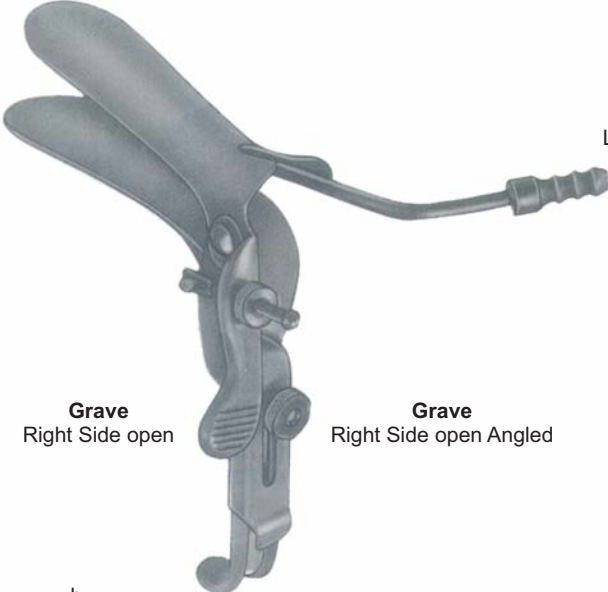


Semm

	a mm	b mm
0032-0014-001	90	14/18
0032-0014-002	100	17/20
0032-0014-003	100	25/30



Grave
Right Side open



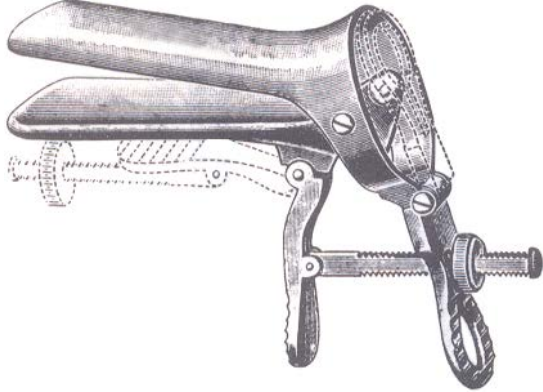
Grave
Right Side open Angled

a mm	b mm
101	35

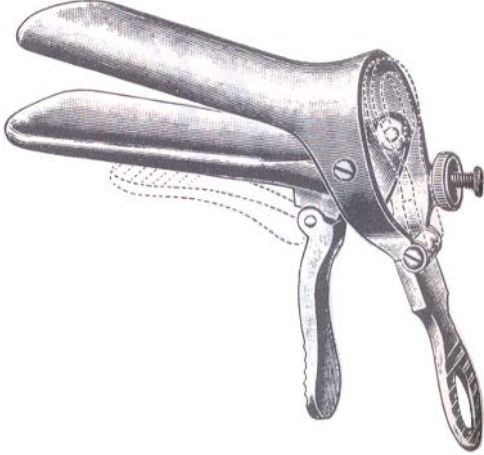


Lateral Specula

0032-0016-000



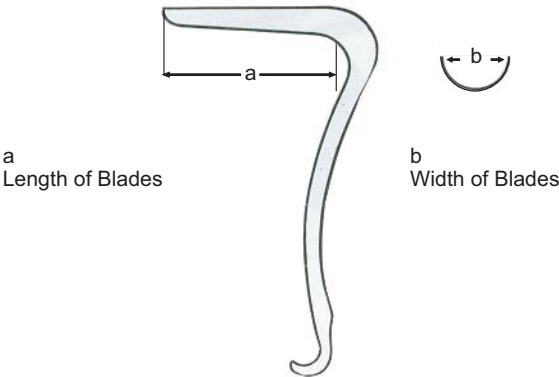
0032-0017-001 Small
0032-0017-002 medeum
0032-0017-003 large



0032-0018-001 Small
0032-0018-002 medeum
0032-0018-003 large

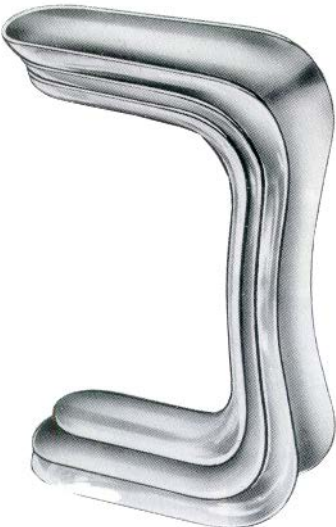
Gynecology Instruments
Vaginal Speculas

Scheme of Dimensions for Specula



Sims

- 0032-0019-001 63 x 32 mm
- 0032-0019-002 76 x 32 mm
- 0032-0019-003 89 x 38 mm



Sims

	Fig	a mm	b mm
0032-0020-000			
0032-0020-001	1	60	25+30
0032-0020-002	2	70	30+35
0032-0020-003	3	80	35+40



Jackson

	Fig.	a mm	b mm
0032-0021-001			
0032-0021-002			
0032-0021-003			
0032-0021-004	4	75 X 40	
0032-0021-005	5	90 X 40	
0032-0021-006	6	100 X 40	

32

Gynecology Instruments

Vaginal Speculas

32



Eastman

	Fig.	a mm	b mm
0032-0022-001	1	76	38
0032-0022-002	2	89	38
0032-0022-003	3	101	38

For children



Set

Kristeller
0032-0023-000
70x15 mm



Kristeller
(Standard)

Specula

Retractor

Set of 1 specula and 1 retractor

Fig. 1 0032-0024-000

Fig. 2 0032-0025-000

Fig. 3 0032-0026-000

Specula

	Fig.	a mm	b mm
0032-0024-001	1	70	27
0032-0025-001	2	80	30
0032-0026-001	3	90	36

Retractors

	Fig.	a mm	b mm
0032-0024-002	1	75	23
0032-0025-002	2	85	26
0032-0026-002	3	100	32

32

Gynecology Instruments Vaginal Speculas

32



With conically shaped
blades for virgins

Kristeller

Set of 1 specula and 1 retractor

Fig. 00 0032-0027-000

Fig. 0 0032-0028-000

Specula

	Fig.	a	b
		mm	mm
0032-0027-001	00	110	18
0032-0028-001	0	110	21

Retractors

	Fig.	a	b
		mm	mm
0032-0027-002	00	115	14
0032-0028-002	0	115	17



With extra long blades

**Kristeller
(Standard)**

Set of 1 specula and 1 retractor

Fig. 1 0032-0029-000

Fig. 2 0032-0030-000

Fig. 3 0032-0031-000

Specula

	Fig.	a	b
		mm	mm
0032-0029-001	1	110	27
0032-0030-001	2	110	30
0032-0031-001	3	110	36

Retractors

	Fig.	a	b
		mm	mm
0032-0029-002	1	115	23
0032-0030-002	2	115	26
0032-0031-002	3	115	32

32

Gynecology Instruments

Vaginal Speculas

32



With flat hollow specula

Kristeller

Set of 1 specula and 1 retractor

Fig. 1 0032-0032-000

Fig. 2 0032-0033-000

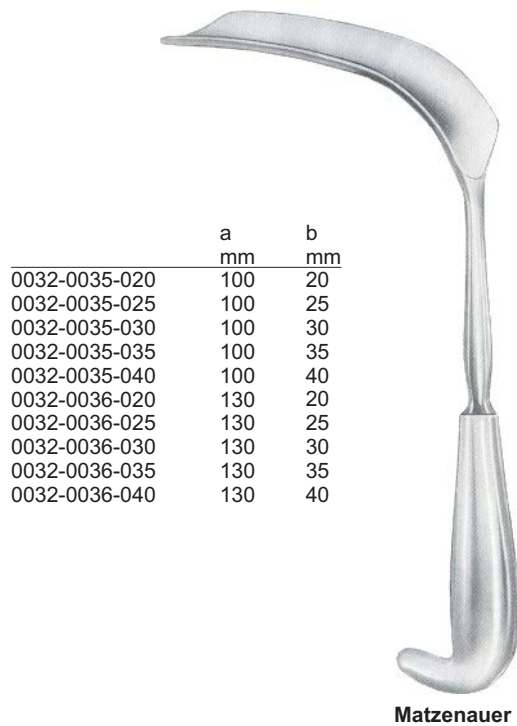
Fig. 3 0032-0034-000

Specula

	Fig.	a	b
		mm	mm
0032-0032-001	1	105	26
0032-0033-001	2	105	28
0032-0034-001	3	105	33

Retractors

	Fig.	a	b
		mm	mm
0032-0032-002	1	115	22
0032-0033-002	2	115	24
0032-0034-002	3	115	29



Matzenauer

	a	b
	mm	mm
0032-0035-020	100	20
0032-0035-025	100	25
0032-0035-030	100	30
0032-0035-035	100	35
0032-0035-040	100	40
0032-0036-020	130	20
0032-0036-025	130	25
0032-0036-030	130	30
0032-0036-035	130	35
0032-0036-040	130	40



Braun
0032-0037-018
18 cm/7"
56x13 mm

32

Gynecology Instruments
Vaginal Speculas and Retractors

32



Braun
0032-0038-018
18 cm/7"
60x10 mm



Ulrich
0032-0039-019
19.5 cm/7½"
80x20 mm



0032-0040-019
19 cm/7½"
85x17 mm

Set

0032-0041-000 Fig. 1
0032-0042-000 Fig. 2

Specula

	Fig.	a	b
		mm	mm
0032-0041-001	1	70	40
0032-0042-001	2	90	40

Retractors

	Fig.	a	b
		mm	mm
0032-0041-002	1	70	33
0032-0042-002	2	90	33



Kallmorgen

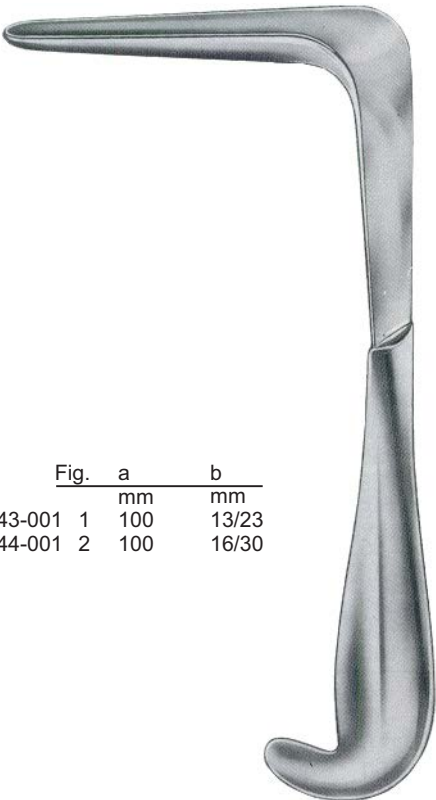
32

Gynecology Instruments
Vaginal Speculas

32

Specula

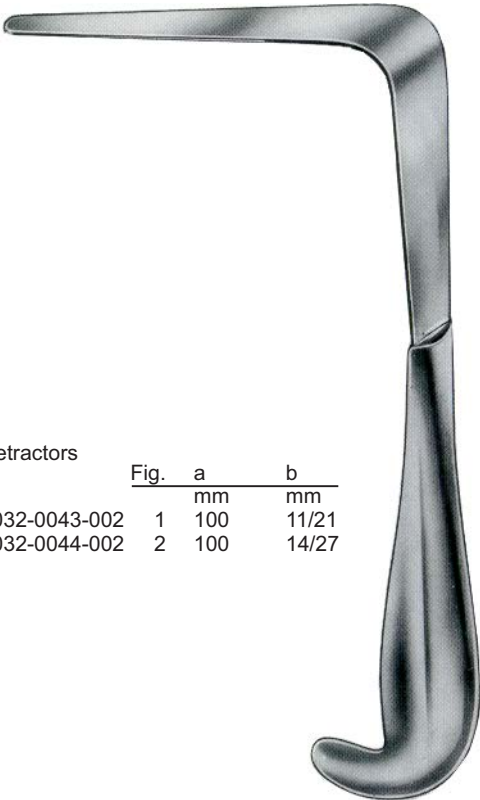
	Fig.	a	b
		mm	mm
0032-0043-001	1	100	13/23
0032-0044-001	2	100	16/30



Mathieu

Retractors

	Fig.	a	b
		mm	mm
0032-0043-002	1	100	11/21
0032-0044-002	2	100	14/27



Mathieu

Set

Fig. 1	0032-0043-000
Fig. 2	0032-0044-000

	Fig.	a	b
		mm	mm
0032-0045-001	1	75	45
0032-0045-002	2	90	45
0032-0045-003	3	110	45



Doyen

32

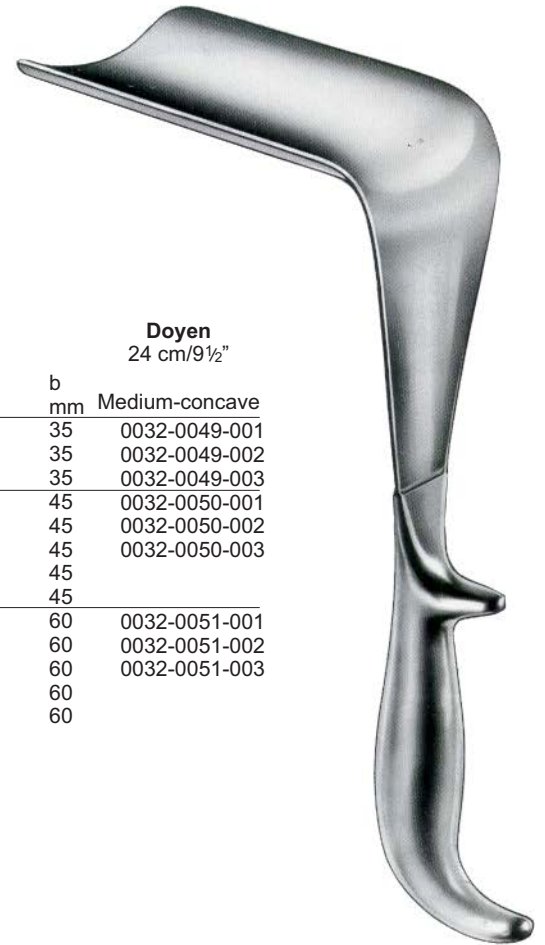
Gynecology Instruments

Vaginal Speculas

32



Doyen 24 cm/9 1/2"		Doyen 24 cm/9 1/2"	
slightly-concave	Fig.	a mm	b mm
0032-0046-001	1	55	35
0032-0046-002	2	85	35
0032-0046-003	3	115	35
0032-0047-001	1	55	45
0032-0047-002	2	85	45
0032-0047-003	3	115	45
0032-0047-004	4	160	45
0032-0047-005	5	180	45
0032-0048-001	1	55	60
0032-0048-002	2	85	60
0032-0048-003	3	115	60
0032-0048-004	4	160	60
0032-0048-005	5	180	60



Doyen
25 cm/10"

	a mm	b mm
0032-0052-001	60	30
0032-0052-002	70	30
0032-0052-003	80	30



Mangiagalli
0032-0053-000
40 x 80 mm



32

Gynecology Instruments Vaginal Speculas

32



Auvard
with removable weight
0032-0054-001
80x38mm
0032-0054-002
105x42mm



Auvard
with fixed weight
0032-0055-001
80x38 mm
0032-0055-002
105x42 mm



Landau

	a	b
	mm	mm
0032-0057-001	100	28
0032-0057-002	100	38

29 cm/11½"

Jayle
0032-0056-001 40 x 60 mm
0032-0056-002 40 x 90 mm



Breisky

	a	b
	mm	mm
0032-0058-020	100	20
0032-0058-025	100	25
0032-0058-030	100	30
0032-0058-035	100	35
0032-0058-040	100	40
0032-0059-020	130	20
0032-0059-025	130	25
0032-0059-030	130	30
0032-0059-035	130	35
0032-0059-040	130	40
0032-0060-020	160	20
0032-0060-025	160	25
0032-0060-030	160	30
0032-0060-035	160	35
0032-0060-040	160	40
0032-0061-020	180	20
0032-0061-025	180	25
0032-0061-030	180	30
0032-0061-035	180	35
0032-0061-040	180	40

32

Gynecology Instruments
Vaginal Speculas and Retractors

32



0032-0062-005
80 x 30 mm



0032-0062-001
65 x 30 mm



0032-0062-006
85 x 33 mm



0032-0062-002
75 x 35 mm



0032-0062-007
100 x 38 mm



0032-0062-003
85 x 35 mm



0032-0062-008
110 x 42 mm



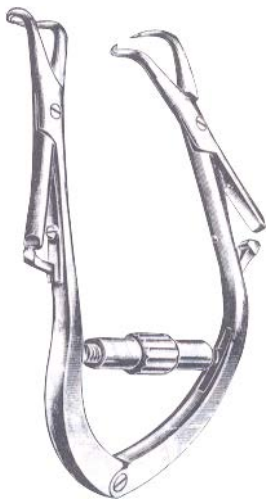
0032-0062-004
95 x 35 mm



Bozemann
0032-0062-000



Complete



Joll
0032-0063-000



	Fig.	a mm	b mm	
0032-0064-001	1	45	17	1
0032-0064-002	2	90	37	
0032-0064-003	3	90	45	



O'Sullivan-O'Connor
0032-0065-000
Complete

32

Gynecology Instruments

Uterine Dilators

32



Hegar

mm Ø		mm Ø	
1.0	0032-0066-001	1.5	0032-0067-001
2.0	0032-0066-002	2.5	0032-0067-002
3.0	0032-0066-003	3.5	0032-0067-003
4.0	0032-0066-004	4.5	0032-0067-004
5.0	0032-0066-005	5.5	0032-0067-005
6.0	0032-0066-006	6.5	0032-0067-006
7.0	0032-0066-007	7.5	0032-0067-007
8.0	0032-0066-008	8.5	0032-0067-008
9.0	0032-0066-009	9.5	0032-0067-009
10.0	0032-0066-010	10.5	0032-0067-010
11.0	0032-0066-011	11.5	0032-0067-011
12.0	0032-0066-012	12.5	0032-0067-012
13.0	0032-0066-013	13.5	0032-0067-013
14.0	0032-0066-014	14.5	0032-0067-014
15.0	0032-0066-015	15.5	0032-0067-015
16.0	0032-0066-016	16.5	0032-0067-016
17.0	0032-0066-017	17.5	0032-0067-017
18.0	0032-0066-018	18.5	0032-0067-018
19.0	0032-0066-019	19.5	0032-0067-019
20.0	0032-0066-020		
21.0	0032-0066-021		
22.0	0032-0066-022		
23.0	0032-0066-023		
24.0	0032-0066-024		
25.0	0032-0066-025		
26.0	0032-0066-026		
27.0	0032-0066-027		
28.0	0032-0066-028		
29.0	0032-0066-029		
30.0	0032-0066-030		

Pieces per set		set	
0032-0066-040	14	4.0-17.0 mm	In canvas
0032-0066-050	14	4.0-17.0 mm	In metal case
0032-0066-060	26	1.0-26.0 mm	in canvas
0032-0066-070	26	1.0-26.0 mm	in metal case



Hegar

Ø mm	
1.0/2.0	0032-0068-002
3.0/4.0	0032-0068-004
5.0/6.0	0032-0068-006
7.0/8.0	0032-0068-008
9.0/10.0	0032-0068-010
11.0/12.0	0032-0068-012
13.0/14.0	0032-0068-014
15.0/16.0	0032-0068-016
17.0/18.0	0032-0068-018
19.0/20.0	0032-0068-020
21.0/22.0	0032-0068-022
23.0/24.0	0032-0068-024
25.0/26.0	0032-0068-026

Pieces per set		set	
0032-0068-040	08	3.0/4.0-17.0/18.0 mm	
0032-0069-060	13	1.0/2.0-25.0/26.0 mm	
0032-0068-050	08	3.0/4.0-17.0/18.0 mm	
0032-0069-070	13	1.0/2.0-25.0/26.0 mm	

32

Gynecology Instruments

Uterine Dilators

32



Hank
0032-0070-000

Fig.	mm	
9/10	4.5/5	0032-0070-010
11/12	5.5/6	0032-0070-012
13/14	6.5/7	0032-0070-014
15/16	7.5/8	0032-0070-016
17/18	8.5/9	0032-0070-018
19/20	9.5/10	0032-0070-020

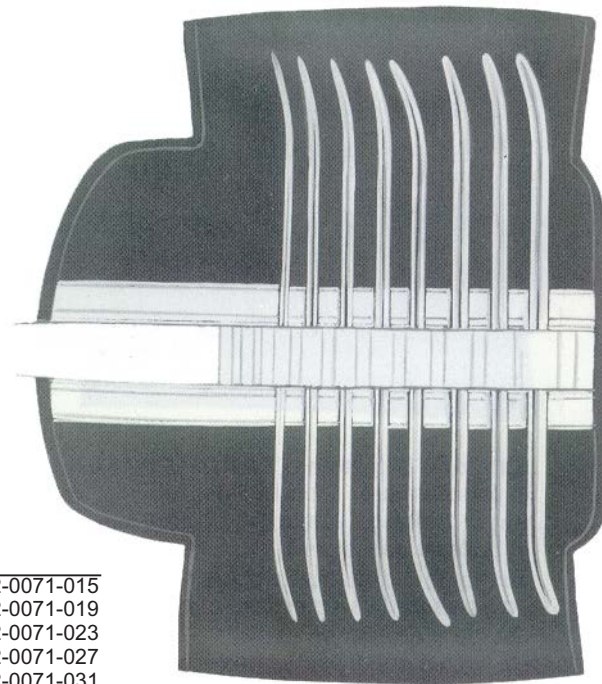


Set
0032-0070-000



Pratt

Fig.	mm	
13/15	4.5/5.0	0032-0071-015
17/19	5.6/6.3	0032-0071-019
21/23	7.0/7.6	0032-0071-023
25/27	8.3/9.0	0032-0071-027
29/31	9.6/10.3	0032-0071-031
33/35	11.0/11.6	0032-0071-035
37/39	12.3/13.0	0032-0071-039
41/43	13.6/14.3	0032-0071-043



Set
0032-0071-000

32

Gynecology Instruments

Uterine Dilators and Endospeculas

32



Goodell
0032-0072-034
34 cm/13½"

Black Insulated



Kogan-Laser
28 cm/11"



0032-0073-028



0032-0074-028



0032-0075-028
28 cm/11"

4 mm
8 mm

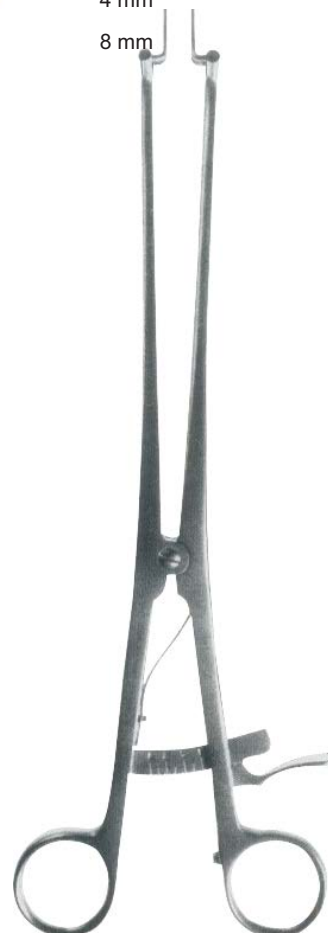
Kogan-Mod
0032-0078-002 = 2mm
28 cm/11"



Kogan
0032-0076-024
24 cm/9½"



Kogan
0032-0077-024
24 cm/9½"



Kogan-Mod
0032-0078-004
28 cm/11"
4 mm

32

Gynecology Instruments
Uterine Sounds and Depressors

32

Uterine Depressor



Sims
32 cm/12½"



Martin (Simpson)
32 cm/12½"



Galabin
0032-0083-032
32 cm/12½"



Horrocke
0032-0084-032
32 cm/12½"



Valleix
0032-0085-025
25 cm/10"



Collin
0032-0086-028
28 cm/11"



Braun
0032-0087-028
28 cm/11"

Rigid	cm/in	cm/in
	0032-0079-032	0032-0081-032

Malleable	cm / in	cm / in
	0032-0080-032	0032-0082-032

32

Gynecology Instruments

Tenaculum Forceps

32



Staude-Moore
0032-0088-017
17 cm/6¾"



Barrett
0032-0089-018
18 cm/7"



Schroeder
0032-0090-025
25 cm/10"



Braun
0032-0091-025
25 cm/10"



Collin-Pozzi
0032-0092-025
25 cm/10"



Pozzi
0032-0093-025
25.5 cm/10¼"

Strong Pattern



Duplay
0032-0094-028
28 cm/11"

32

Gynecology Instruments

Tenaculum Forceps

32



Skene
0032-0095-024
24 cm/9½"



Beacham
0032-0096-026
26 cm/10¼"

Amniotome for the amnion Bladder



Czerny
0032-0097-020
20.5 cm/8¼"



0032-0098-026
26 cm/10¼"



Schroeder
0032-0099-020 20 cm/8"
0032-0099-024 24 cm/9½"

Straight



Schroeder
0032-0100-020
0032-0100-024

Curved on Flat



Schroeder
0032-0101-020
0032-0101-024

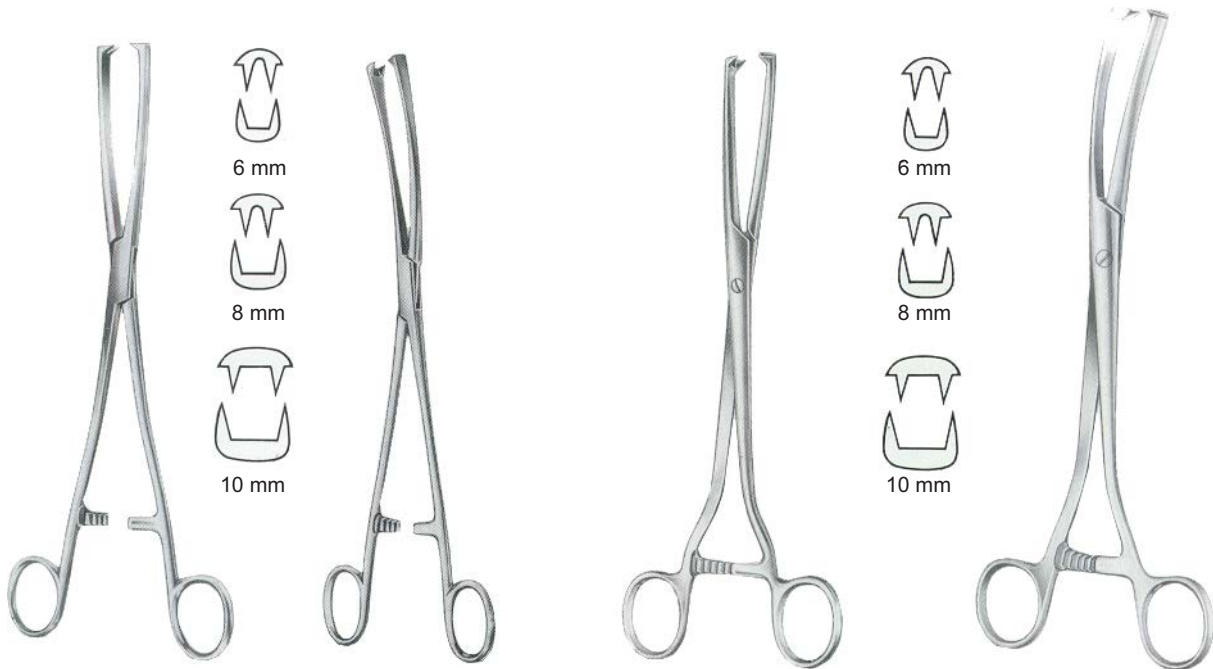
Curved Sideway

32

Gynecology Instruments

Tenaculum Forceps

32



Straight
0032-0102-006
0032-0102-008
0032-0102-010

Museux
24 cm/9½"
06 mm
08 mm
10 mm

Curved Sideway
0032-0103-006
0032-0103-008
0032-0103-010

Straight
0032-0104-006
0032-0104-008
0032-0104-010

Museux
24 cm/9½"
06 mm
08 mm
10 mm

Curved Sideway
0032-0105-006
0032-0105-008
0032-0105-010



Braun
0032-0106-016
16 cm/6¼"



Pratt
0032-0107-028
28 cm/11"

32

Gynecology Instruments

Tenaculum and Uterine Polypus Forceps

32



Teale
0032-0108-024
24 cm/9½"



For the amnion Bladder

Iowa
0032-0109-026
26 cm/10¼"



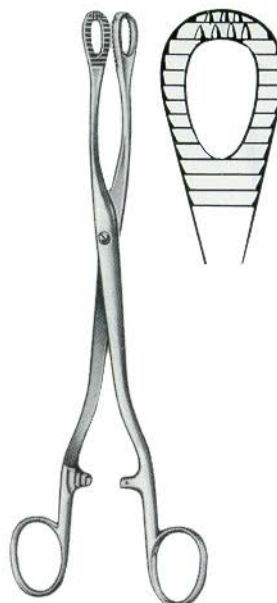
Jacobs
Straight 0032-0110-021 21 cm/8¼"
Curved Sideway 0032-0111-021



Kelly
0032-0112-032
32 cm/12½"



Heywood-Smith
0032-0113-020
20 cm/8"



Heywood-Smith
0032-0114-025
25 cm/10"



Noto
0032-0115-027
27 cm/10½"

32

Gynecology Instruments

Uterine Elevating and Ovarian Forceps

32



Dartigues
0032-0116-027
27 cm/10½"



Somer
0032-0117-023
23 cm/9"



Collin
0032-0118-025
25 cm/10"



Doyen
0032-0119-020
20 cm/8"

Ovarian Forceps

32

Gynecology Instruments

Cone Knives, Fistula Hooks, Myoma Screw and Myoma Knives

32



Ayre
0032-0120-023
23 cm/9"



Simon
0032-0121-022
22 cm/8¾"



Simon
0032-0122-022
22 cm/8¾"



Emmet
22 cm/8¾"



0032-0123-001



0032-0123-002



0032-0123-003



0032-0123-004



0032-0123-005



Doyen
0032-0124-017
17 cm/6¾"



Doyen
0032-0125-017
17 cm/6¾"



Segond
0032-0126-027
27 cm/10½"

32

Gynecology Instruments

Biopsy Curettes

32



Kevorkian
0032-0127-030
30 cm/12"

Malleable
0032-0128-030
30 cm/12"



Kevorkian
0032-0129-030
30 cm/12"

Malleable
0032-0130-030
30 cm/12"



Novak
0032-0131-023 = 4mm Ø
23 cm/9"



Randall
0032-0132-024 = 4mm Ø
24 cm/9½"



Mod. Munchen
0032-0133-027 = 4mm Ø
27 cm/10½"

32

Gynecology Instruments

Cervical Biopsy and Specimen Forceps

32



Gellhorn
0032-0134-023
23 cm/9"



Thomas-Gaylor
0032-0135-024
24 cm/9½"



Schubert
0032-0136-021 21 cm/8¼"
0032-0136-029 29 cm/11¼"



Schubert
0032-0137-026
26 cm/10¼"



Tischler
0032-0138-027
27 cm/10½"



Van Doren
0032-0139-025
25 cm/10"

32

Gynecology Instruments

Cervical Biopsy and Specimen Forceps

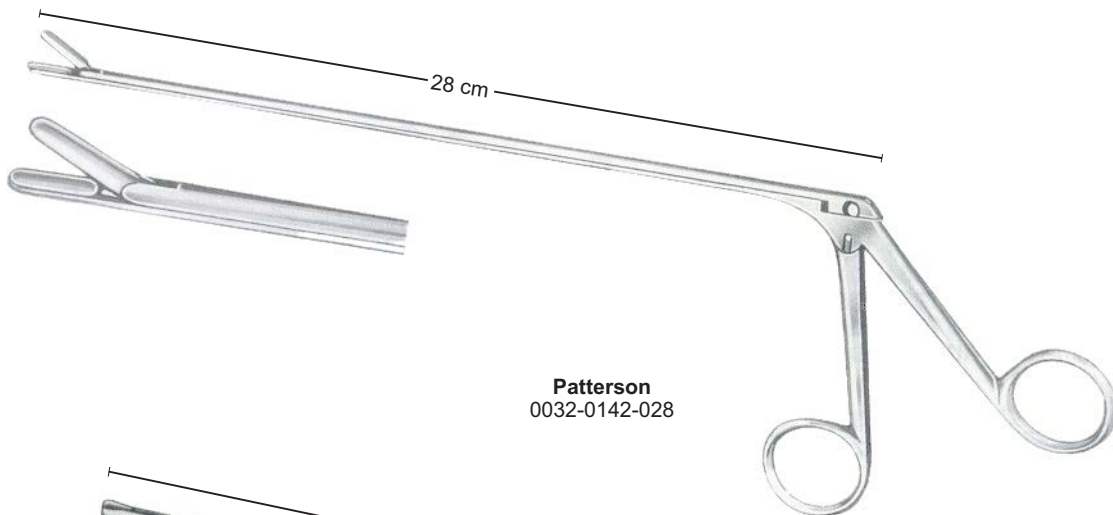
32



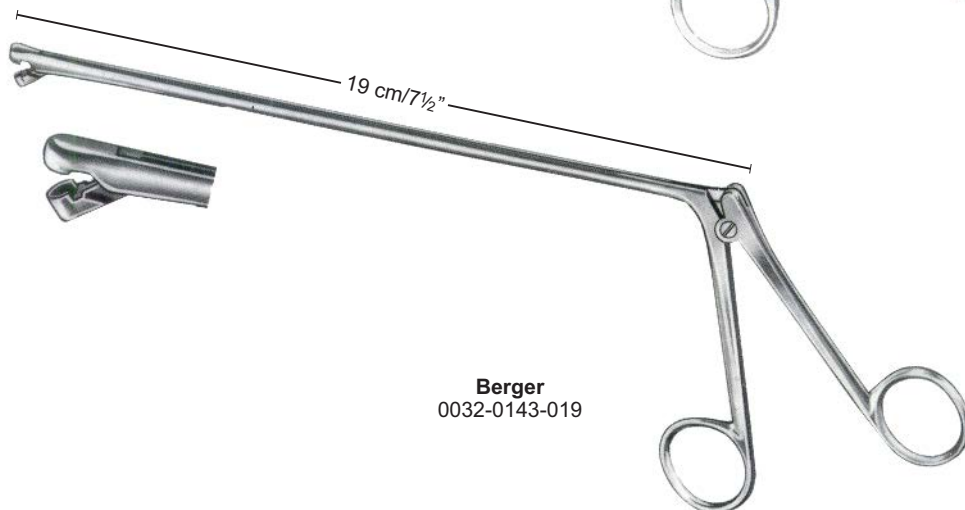
Schumacher
Fig. 1 0032-0140-001 24 cm/9½"
Fig. 2 0032-0140-002 24 cm/9½"



Faure
0032-0141-021
21 cm/8¼"



Patterson
0032-0142-028



Berger
0032-0143-019

32

Gynecology Instruments

Cervical Biopsy and Specimen Forceps

32



0032-0144-020 L= 20 cm/8"
0032-0144-025 L= 25 cm/10"
0032-0144-030 L= 30 cm/12"
0032-0144-035 L= 35 cm/14"
0032-0144-040 L= 40 cm/16"



Douay

L =24 cm/9½"



Schumacher

0032-0145-004
4 mm

0032-0146-006
6 mm

L =24 cm/9½"



Kevorkian

0032-0147-024

L = 20 cm/8"



Eppendorf

0032-0148-020

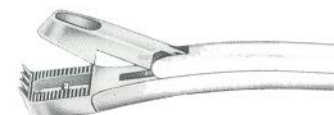
L = 23 cm/9"



Wittner

0032-0149-023

L = 23 cm/9"



Wittner

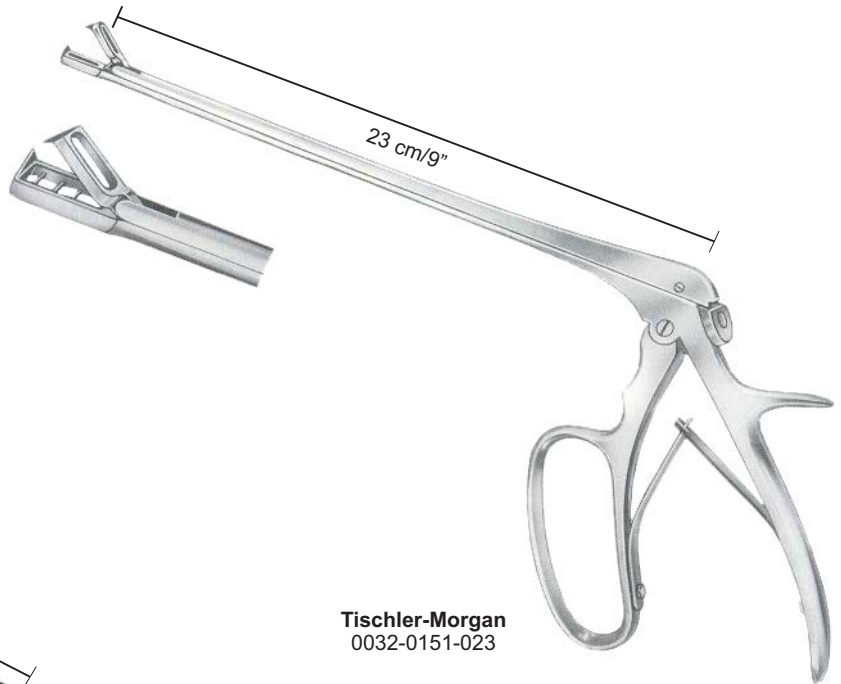
0032-0150-023

32

Gynecology Instruments

Cervical Biopsy and Specimen Forceps

32

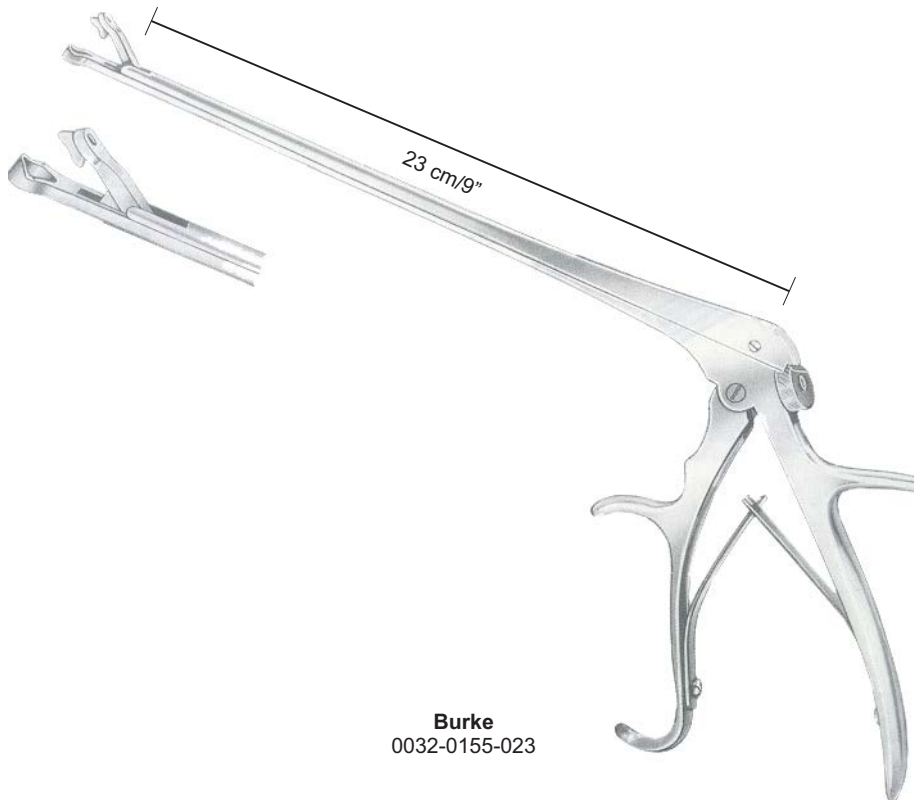
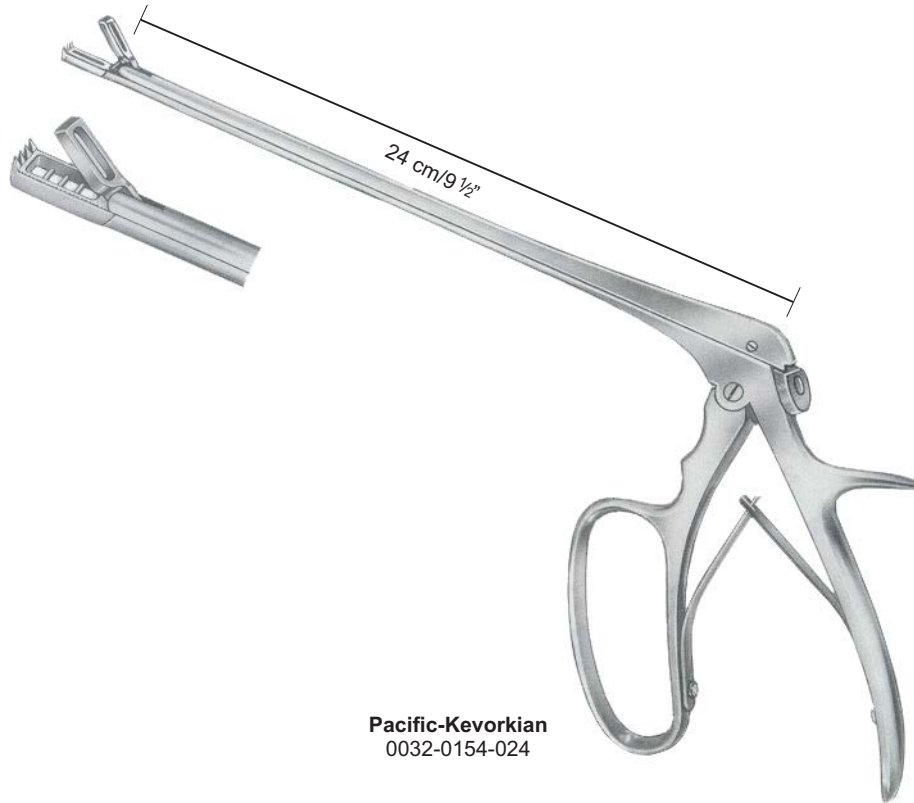


32

Gynecology Instruments

Cervical Biopsy and Specimen Forceps

32



32

Gynecology Instruments

Cervical Biopsy and Specimen Forceps

32



Townsend

Handle



Tip with tube



Tischler

Complete instrument

Tip, only

0032-0156-000

0032-0156-001



Kevorkian

0032-0157-000

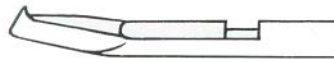
0032-0157-001



Mini-Townsend

0032-0158-000

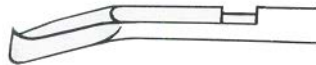
0032-0158-001



Tischler-up

0032-0159-000

0032-0159-001



Tischler-down

0032-0160-000

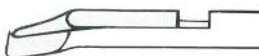
0032-0160-001



Mini-Townsend-up

0032-0161-000

0032-0161-001



Mini-Townsend-down

0032-0162-000

0032-0162-001

32

Gynecology Instruments Biopsy and Aspirating Curettes

32



Milan
28.5 cm/11¼"

Malleable

0032-0163-005
5 mm Ø

0032-0163-007
7 mm Ø

0032-0163-009
9 mm Ø

Rigid

0032-0164-005
5 mm Ø

0032-0165-007
7 mm Ø

0032-0165-009
9 mm Ø



Specimen and aspirating curettes

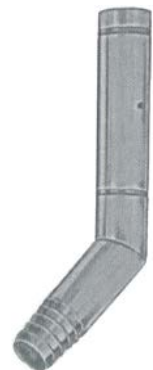
0032-0166-003 3,0 mm Ø
0032-0166-004 4,5 mm Ø



Aspirating Curettes

0032-0167-006 6.0 mm Ø
0032-0167-008 8.0 mm Ø
0032-0167-010 10.0 mm Ø
0032-0167-012 12.0 mm Ø
0032-0167-014 14.0 mm Ø

Coupling piece



0032-0167-050

32

Gynecology Instruments

Uterine Curettes

32



Schroeder
30 cm/12"

Sharp Rigid



Fig. 1

0032-0168-001
0032-0169-001



Fig. 2

0032-0168-002
0032-0169-002



Fig. 3

0032-0168-003
0032-0169-003

Schroeder
Simon



Fig. 4

0032-0168-004
0032-0169-004



Fig. 5

0032-0168-005
0032-0169-005



Fig. 6

0032-0168-006
0032-0169-006

Schroeder
Simon



Simon
25 cm/10"



Gourdet
28 cm/11"



Fig. 1

0032-0170-001
6 mm



Fig. 2

0032-0170-002
8 mm



Fig. 3

0032-0170-003
10 mm



Fig. 4

0032-0170-004
12 mm



Fig. 5

0032-0170-005
14 mm

32

Gynecology Instruments

Uterine Curettes

32



Thomas
28 cm/11"



Fig. 1
0032-0171-001



Fig. 2
0032-0171-002



Fig. 3
0032-0171-003



Fig. 4
0032-0171-004



Fig. 5
0032-0171-005



Fig. 6
0032-0171-006



Greene
28 cm/11"

0032-0172-010
10 mm

0032-0172-012
12 mm

0032-0172-014
14 mm



Collin
30 cm/12"

0032-0173-008 8 mm
0032-0173-010 10 mm
0032-0173-012 12 mm
0032-0173-014 14 mm



Heaney
0032-0174-024
24 cm/9½"
7.5 mm



Heaney
0032-0175-024
24 cm/9½"

32

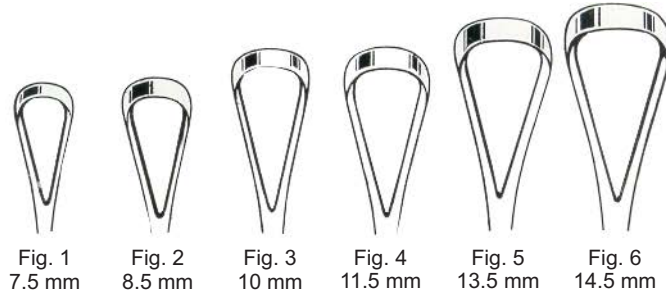
Gynecology Instruments

Uterine Curettes

32

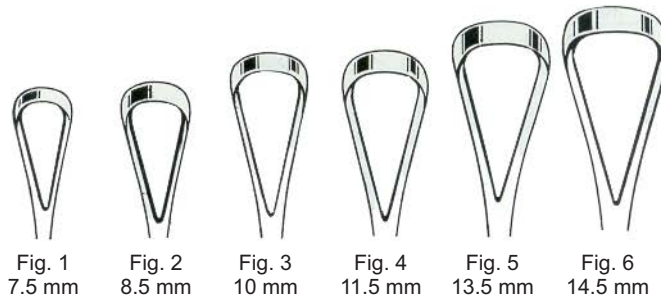


Sims
25 cm/10"



Malleable		Rigid	
Sharp	Blunt	Sharp	Blunt

Fig. 1	0032-0176-001	0032-0177-001	0032-0178-001	0032-0179-001
Fig. 2	0032-0176-002	0032-0177-002	0032-0178-002	0032-0179-002
Fig. 3	0032-0176-003	0032-0177-003	0032-0178-003	0032-0179-003
Fig. 4	0032-0176-004	0032-0177-004	0032-0178-004	0032-0179-004
Fig. 5	0032-0176-005	0032-0177-005	0032-0178-005	0032-0179-005
Fig. 6	0032-0176-006	0032-0177-006	0032-0178-006	0032-0179-006



Malleable		Rigid	
Sharp	Blunt	Sharp	Blunt

Fig. 1	0032-0180-001	0032-0181-001	0032-0182-001	0032-0183-001
Fig. 2	0032-0180-002	0032-0181-002	0032-0182-002	0032-0183-002
Fig. 3	0032-0180-003	0032-0181-003	0032-0182-003	0032-0183-003
Fig. 4	0032-0180-004	0032-0181-004	0032-0182-004	0032-0183-004
Fig. 5	0032-0180-005	0032-0181-005	0032-0182-005	0032-0183-005
Fig. 6	0032-0180-006	0032-0181-006	0032-0182-006	0032-0183-006



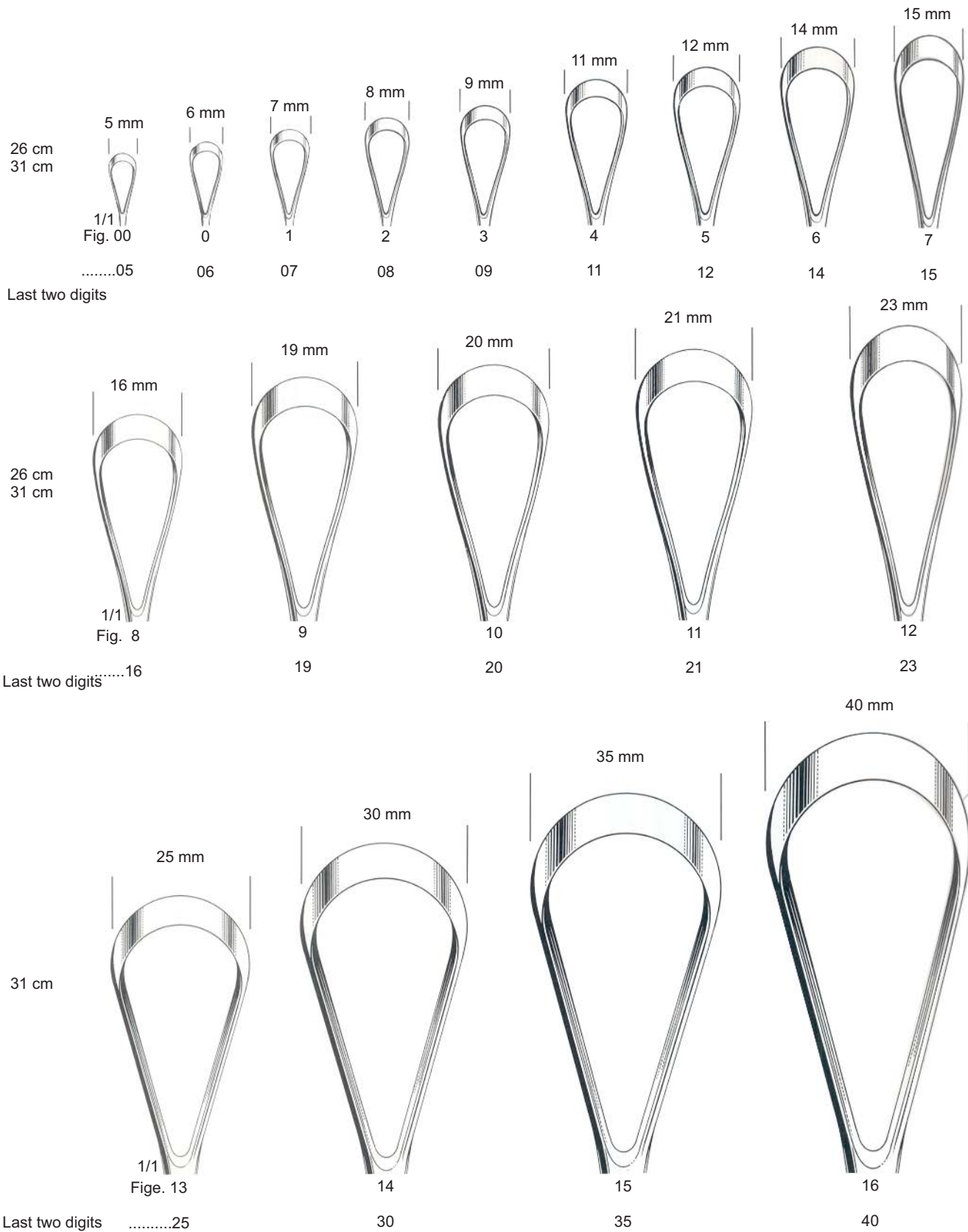
Sims
25 cm/10"

32

Gynecology Instruments

Uterine Curettes

32



32

Gynecology Instruments

Uterine Curettes

32

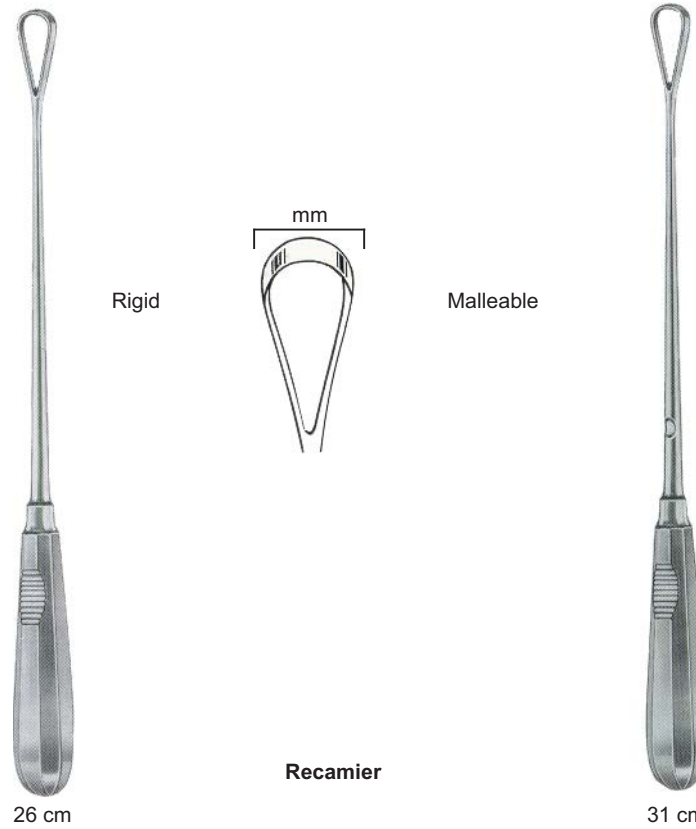


Fig.	mm	26 cm				31 cm			
		Malleable		Rigid		Malleable		Rigid	
		Sharp	Blunt	Sharp	Blunt	Sharp	Blunt	Sharp	Blunt
00	5	0032-0184-005	0032-0185-005	0032-0186-005	0032-0187-005	0032-0188-005	0032-0189-005	0032-0190-005	0032-0191-005
0	6	0032-0184-006	0032-0185-006	0032-0186-006	0032-0187-006	0032-0188-006	0032-0189-006	0032-0190-006	0032-0191-006
1	7	0032-0184-007	0032-0185-007	0032-0186-007	0032-0187-007	0032-0188-007	0032-0189-007	0032-0190-007	0032-0191-007
2	8	0032-0184-008	0032-0185-008	0032-0186-008	0032-0187-008	0032-0188-008	0032-0189-008	0032-0190-008	0032-0191-008
3	9	0032-0184-009	0032-0185-009	0032-0186-009	0032-0187-009	0032-0188-009	0032-0189-009	0032-0190-009	0032-0191-009
4	10	0032-0184-011	0032-0185-011	0032-0186-011	0032-0187-011	0032-0188-011	0032-0189-011	0032-0190-011	0032-0191-011
5	12	0032-0184-012	0032-0185-012	0032-0186-012	0032-0187-012	0032-0188-012	0032-0189-012	0032-0190-012	0032-0191-012
6	14	0032-0184-014	0032-0185-014	0032-0186-014	0032-0187-014	0032-0188-014	0032-0189-014	0032-0190-014	0032-0191-014
7	15	0032-0184-015	0032-0185-015	0032-0186-015	0032-0187-015	0032-0188-015	0032-0189-015	0032-0190-015	0032-0191-015
8	16	0032-0184-016	0032-0185-016	0032-0186-016	0032-0187-016	0032-0188-016	0032-0189-016	0032-0190-016	0032-0191-016
9	19	0032-0184-019	0032-0185-019	0032-0186-019	0032-0187-019	0032-0188-019	0032-0189-019	0032-0190-019	0032-0191-019
10	20	0032-0184-020	0032-0185-020	0032-0186-020	0032-0187-020	0032-0188-020	0032-0189-020	0032-0190-020	0032-0191-020
11	21	0032-0184-021	0032-0185-021	0032-0186-021	0032-0187-021	0032-0188-021	0032-0189-021	0032-0190-021	0032-0191-021
12	23	0032-0184-023	0032-0185-023	0032-0186-023	0032-0187-023	0032-0188-023	0032-0189-023	0032-0190-023	0032-0191-023
13	25					0032-0188-025	0032-0189-025	0032-0190-025	0032-0191-025
14	30					0032-0188-030	0032-0189-030	0032-0190-030	0032-0191-030
15	35					0032-0188-035	0032-0189-035	0032-0190-035	0032-0191-035
16	40					0032-0188-040	0032-0189-040	0032-0190-040	0032-0191-040

32

Gynecology Instruments
Uterine Curettes

32



Bumm
max. 29 cm/11½"

Fig.	mm	Mealleable	
		Sharp	Blunt
0	16.0	0032-0192-016	0032-0193-016
1	18.0	0032-0192-018	0032-0193-018
2	19.5	0032-0192-019	0032-0193-019
3	21.5	0032-0192-021	0032-0193-021
4	23.5	0032-0192-023	0032-0193-023
5	26.0	0032-0192-026	0032-0193-026
6	28.5	0032-0192-028	0032-0193-028



Blunt

Sharp

Blake (Zweifel)
0032-0194-027 27 cm/10½"
0032-0194-031 31 cm/12¼"

33

Obstetrics Instruments

Pelvimeters

33

For Internal Measurements



De Lee
0033-0001-020
20 cm/8"
cm/Inch Scale



Martin
0033-0002-034 34 cm/13½" 0033-0003-034
cm Scale cm/Inch Scale



Collin
0033-0004-035
35 cm/13¾"
cm Scale



Breisky
0033-0005-033
33 cm/13"
cm Inch Scale



Collyer
0033-0006-030
30 cm/12"
cm Inch Scale



Iowa
0033-0007-014
14 cm/5½"
Trumpet Needle Guide

33

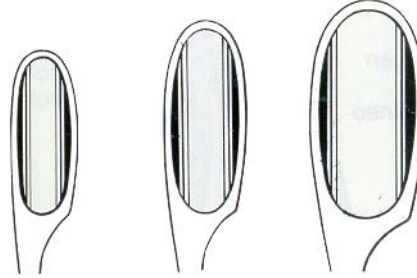
Obstetrics Instruments

Placenta Ovum Forceps and Abortion Scoops

33



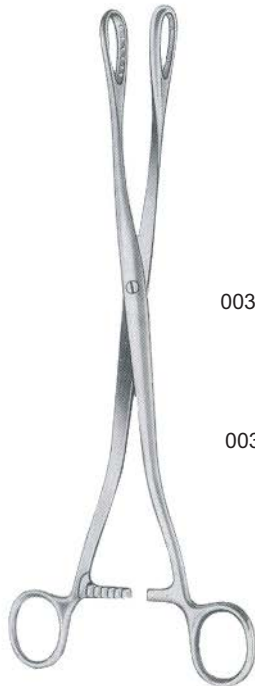
Winter
28 cm/11"



Straight	0033-0008-001	0033-0009-001	0033-0010-001
Curved	0033-0008-002	0033-0009-002	0033-0010-002



Wallich
0033-0011-042
42 cm/16¾"



Saenger
21 cm/10½"

Straight	0033-0012-027
Curved	0033-0013-027

Uterine Haemostasis Forceps



Green-Armytage
0033-0014-021
21 cm/8¼"

33

Obstetrics Instruments

Scalp Flap Forceps, Perforators and Elevating Spoons

33

Scalp Flap Forceps



Gauss
0033-0015-026
26 cm/10¼"



Willet-Martel
0033-0016-019
19 cm/7½"

Head Lever



Murless
0033-0017-026
26 cm/10¼"

Elevating Spoon



Sellheim
0033-0018-028
28 cm/11"



Smellie
0033-0019-025
25 cm/10"

Perforators



Nagele
0033-0020-025
25 cm/10"

33

Obstetrics Instruments

Cranioclast, Hook and Cord Clamps

33

Cranioclast



Braun
0033-0021-042
42 cm/16½"

Basiotribe



Tarnier
0033-0022-046
46 cm/18"

Decapitating Hook



Braun
0033-0023-030
30 cm/12"

Umbilical Cord Clamps



Collin
0033-0024-009
9 cm/3½"

33

Obstetrics Instruments

Obstetrical Forceps

33



Nagele

0033-0025-036 36 cm/14"
0033-0025-040 40 cm/16"



Pajot

0033-0026-033
33 cm/13"



Wrigley

0033-0027-028
28 cm/11"



Simpson

0033-0028-023
23 cm/9"



Simpson

0033-0029-030
30 cm/12"



Simpson-Braun

0033-0030-036
36 cm/14"



Simpson-Luikart

0033-0031-036
36 cm/14"

33

Obstetrics Instruments

Obstetrical Forceps

33



De Lee
0033-0032-030 30 cm/12"
0033-0032-036 36 cm/14"

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



Bill
0033-0033-020



Kielland
0033-0034-041
41 cm/16"



Kielland-Luikart
0033-0035-040
40 cm/15¾"



Mclean
0033-0036-036
36 cm/14"

33

Obstetrics Instruments

Obstetrical Forceps

33



Elliot
0033-0037-032 32 cm/12½"
0033-0037-038 38 cm/15"

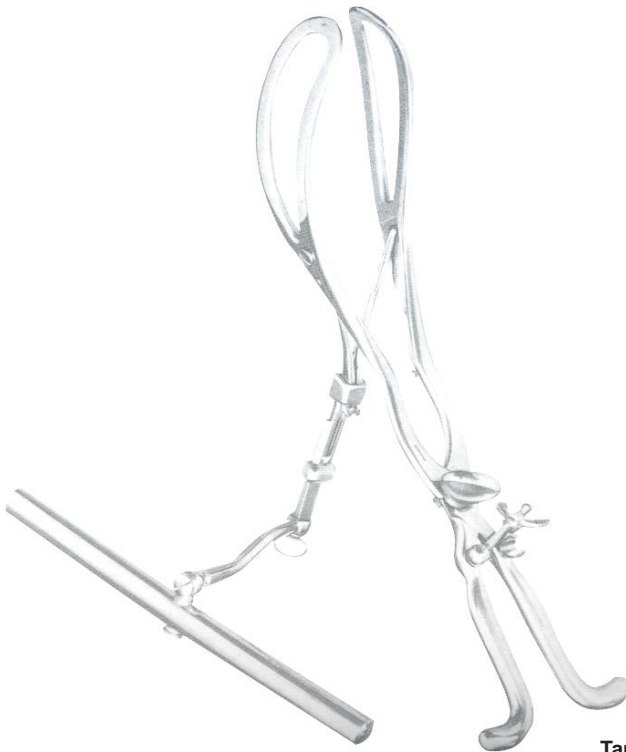


Piper
0033-0038-044
44 cm/17¼"



With Traction Handle

Barnes-Neville
0033-0039-043
43.5 cm/17"



Tarnier
0033-0040-040
40 cm/16"



Suzor
0033-0041-032
32 cm/13"



Gag only
0034-0001-010

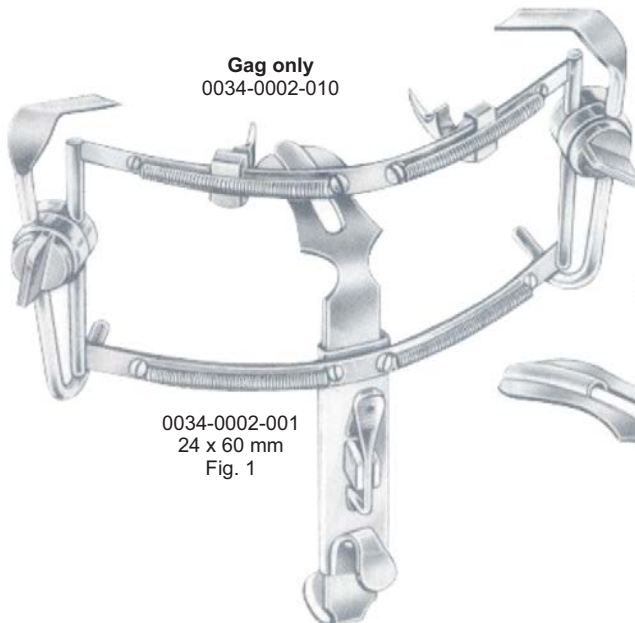
0034-0001-001
28 x 65 mm
Fig. 1

Kilner-Doughty
Complete
0034-0001-000
0034-0001-004
41 x 94 mm
0034-0001-005
46 x 103 mm



0034-0001-003
37 x 80 mm
Fig. 3

0034-0001-002
32 x 75 mm
Fig. 2



Gag only
0034-0002-010

0034-0002-001
24 x 60 mm
Fig. 1

Dingmann
Complete
0034-0002-000



0034-0002-003
31 x 75 mm
Fig. 3

0034-0002-002
28 x 65 mm
Fig. 2

Gag only
0034-0003-010



Gag only
0034-0005-010



34

Oral Instruments Tongue Depressors and Mouth Gags

34

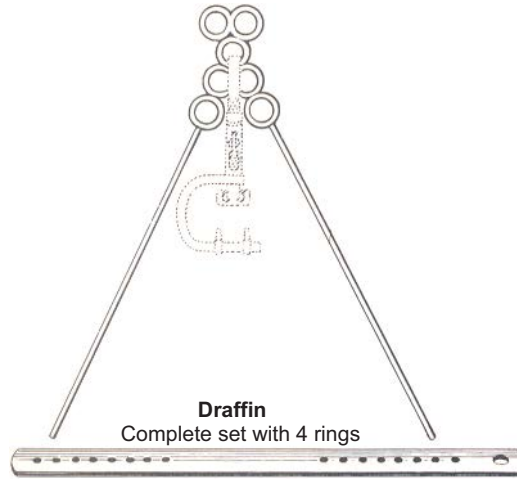
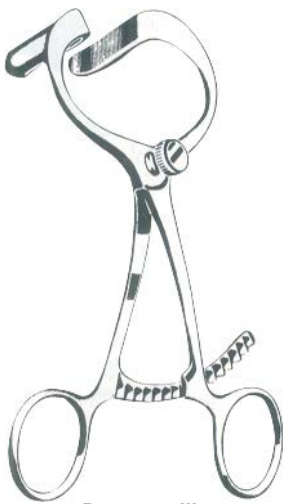


Fig.		mm
2	0034-0006-002	23 x 65
3	0034-0006-003	24 x 80
4	0034-0006-004	25 x 93
5	0034-0006-005	26 x 108

Modell Wurzburg		
Fig.		mm
1	0034-0007-001	28 x 66
2	0034-0007-002	32 x 75
3	0034-0007-003	34 x 83
4	0034-0007-004	37 x 93
5	0034-0007-005	38 x 100

Maguran Plate	
0034-0008-000	Plate only
0034-0008-001	4 rings 42.5 cm/17"
0034-0008-002	4 rings 48 cm/18"

Jackson
0034-0009-000



Doyen-collin
0034-0010-013
13 cm/5"



Molt
0034-0011-011 11 cm/4 1/4"
0034-0011-014 14 cm/5 1/2"



Roser-Konig
0034-0013-016 16 cm/6 1/4"
0034-0013-019 19 cm/7 1/2"



Denhart
0034-0014-012
12 cm/4 3/4"

Doyen
0034-0012-011 11.5 cm/4 1/2"
0034-0012-014 14 cm/5 1/2"

Mouth Gags

34

Oral Instruments

Mouth Gags and Tongue Depressors

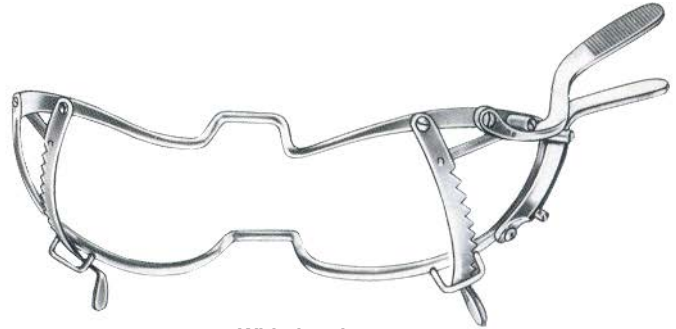
34



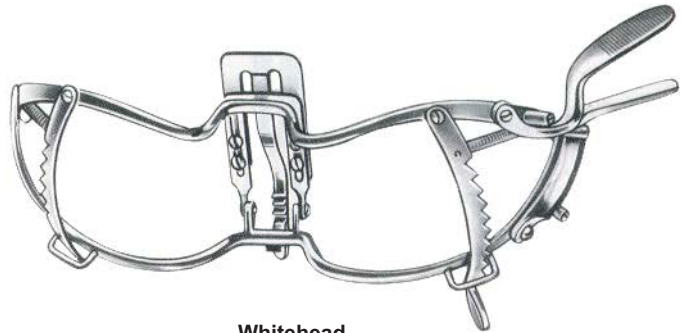
Heister
0034-0015-013 13 cm/5"



Fergusson-Ackland
0034-0016-018 18 cm/7"
0034-0016-020 20 cm/8"



Whitehead
0034-0017-011 11 cm/4"
0034-0017-013 13 cm/5"
0034-0017-015 15 cm/6"



Whitehead
0034-0018-013 13 cm/5"



Jennings
0034-0019-009 09 cm/3 1/2"
0034-0019-011 11 cm/4 1/4"
0034-0019-013 13 cm/5"
0034-0019-015 15 cm/6"



Sternberg
0034-0020-012 12 cm/4 3/4"
0034-0020-014 14 cm/5 1/2"
0034-0020-016 16 cm/6 1/4"



0034-0021-019 19 cm/7 1/2"



Moritz-Schmidt
0034-0022-019 19 cm/7 1/2"

34

Oral Instruments Tongue Depressors

34



Hartmann
0034-0023-015
15 cm/6"



Tobold
0034-0024-014
14.5 cm/5¾"



Fraenkel
0034-0025-019
19 cm/7½"



Frenzel
0034-0026-016
16.5 cm/6½"



0034-0027-013
13 cm/5"



0034-0028-014
14.5 cm/5¾"



0034-0029-014
14.5 cm/5¾"



Kroenig
0034-0030-015
15 cm/6"



Mayo
0034-0031-017 17 cm/6¾"
0034-0031-019 19 cm/7½"

34

Oral Instruments Tongue Depressors and Forceps

34



Bruenings
0034-0032-019
19 cm/7½"



Bruenings
0034-0033-019
19 cm/7½"



0034-0034-001



0034-0034-002



Wieder

22 mm
20 mm
13 mm

Lacks
0034-0035-001
0034-0035-002
0034-0035-003



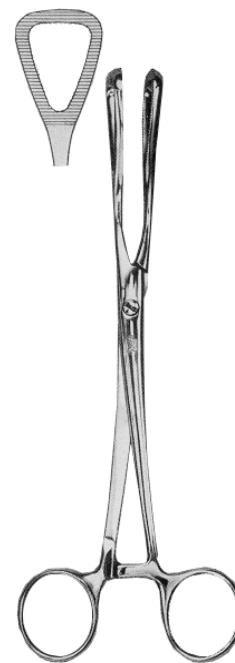
Andrew
0034-0036-011
11 cm/4½"



Collin
0034-0037-017
17 cm/6¾"
0034-0037-019
19 cm/7½"



Young
0034-0038-017
17 cm/6¾"



Guys
0034-0039-019
19 cm/7½"

Finger Protectors



Lengenbeck
0034-0040-001 Ø 22.0 mm
0034-0040-002 Ø 24.5 mm
0034-0040-003 Ø 26.5 mm

35

Tonsil Instruments

Tonsil Needles and Ligature Carriers

35



2.5 mm

Luniatschek
0035-0001-018
18 cm/7"



1.8 mm

Luniatschek
0035-0002-018
18 cm/7"

Gauze Packers



Trelat
0035-0003-023
23 cm/9"



Claus
0035-0004-023
23 cm/9"



Hurd
0035-0005-021
21 cm/8¼"



Hurd
0035-0006-021
21 cm/8¼"



Nager
0035-0007-024
24 cm/9½"



Falk
0035-0008-024
24 cm/9½"



Falk
0035-0009-024
24 cm/9½"



Claus-Eicken
0035-0010-023
23 cm/9"



Ligature Carrier

Roeder
0035-0011-026
26 cm/10¼"

35

Tonsil Instruments

Cleft Palate Knives and Tonsil Knives

35



0035-0012-017
17.5 cm/7"



Fischer
0035-0013-023
23 cm/9"



Douglas
0035-0014-021
21 cm/8¼"



Abraham
0035-0015-022
22 cm/8¾"



Bruenings
0035-0016-023
23 cm/9"



Abraham
0035-0017-019
19 cm/7½"



Canfield
0035-0018-021
21 cm/8¼"

35

Tonsil Instruments

Tonsil Elevators and Retractors

35



Hurd
0035-0019-022
22.5 cm/8⁷/₈"



Yankauer
0035-0020-021
21 cm/8¹/₄"



Syme's
0035-0021-000



Henke
23 cm/9"



0035-0022-001



0035-0022-002



Gwyne-evan
035-0023-000
10 x 20mm



Wide
0035-0024-018 18 mm
0035-0024-020 20 mm
0035-0024-022 22 mm



Love
23 cm/9"



Haslinger
0035-0025-016



Hofer
0035-0026-024
24 cm/9¹/₂"

35

Tonsil Instruments

Tonsil Seizing Forceps

35



Museux
Straight
0035-0027-020
20 cm/8"

Curved
0035-0028-020
20 cm/8"



Ballenger
0035-0029-021
21.5 cm/8½"



White
0035-0030-018 18 cm/7"
0035-0030-023 23 cm/9"



Marschik Kroni
0035-0031-020
20.5 cm/8"



Colver
Straight
0035-0032-019
19 cm/7½"

Curved
0035-0033-019
19 cm/7½"



Blohmke
0035-0034-020
20 cm/8"

35

Tonsil Instruments

Tonsil Snare

35



Eves
0035-0035-028
28 cm/11"



Eves
0035-0036-028
28 cm/11"



Bruenings
0035-0037-028
28 cm/11"



With 1 Straight Tip

Brown
0035-0038-000



With 1 Straight Tip

Tyding
0035-0039-000

35

Tonsil Instruments Tonsillectomes

35



Sluder-Ballenger
Complete, With 3 Tips
0035-0040-000



Tonsil Punch Forceps

0035-0041-013 13 mm Ø
0035-0041-015 15 mm Ø
0035-0041-017 17 mm Ø

Hartmann

Tonsil Haemostats



Corwin
0035-0042-014
14 cm/5½"

Ø=Inside Dia



Troltsch
For Babies

Fig. 1 0036-0001-001 1.5 mm Ø
Fig. 2 0036-0001-002 2.5 mm Ø
Fig. 3 0036-0001-003 3.5 mm Ø

0036-0001-030
Set of 3
Fig 1-3



Troltsch
For Adults

Fig. 4 0036-0002-004 4.0 mm Ø
Fig. 5 0036-0002-005 5.0 mm Ø
Fig. 6 0036-0002-006 6.0 mm Ø
Fig. 7 0036-0002-007 7.0 mm Ø

0036-0002-030 0036-0002-040
Set of 3 Set of 4
Fig 4-6 Fig 4-7



Poltzer

Fig. 1 0036-0003-001 2.0 mm Ø
Fig. 2 0036-0003-002 3.0 mm Ø
Fig. 3 0036-0003-003 4.0 mm Ø

0036-0003-030
Set of 3
Fig 1-3



Erhard
For Adults

Fig. 1 0036-0004-001 3.0 mm Ø
Fig. 2 0036-0004-002 4.0 mm Ø
Fig. 3 0036-0004-003 5.0 mm Ø
Fig. 4 0036-0004-004 6.0 mm Ø

0036-0004-030 0036-0004-040
Set of 3 Set of 4
Fig.1-3 Fig.1-4



Hartmann
For Babies

Fig. 1 0036-0005-001 2.0 mm Ø



Hartmann
For Children

Fig. 2 0036-0006-002 3.0 mm Ø
Fig. 3 0036-0006-003 4.0 mm Ø
Fig. 4 0036-0006-004 5.5 mm Ø

0036-0006-030
Set of 3
Fig.2-4



Hartmann
For Adults

Fig. 3 0036-0007-003 4.0 mm Ø
Fig. 4 0036-0007-004 5.5 mm Ø
Fig. 5 0036-0007-005 6.5 mm Ø
Fig. 6 0036-0007-006 7.5 mm Ø

0036-0007-030 0036-0007-040
Set of 3 Set of 4
Fig.4-6 Fig.3-6



Toynbee
For Adults

Fig. 1 0036-0008-001 4.5 mm Ø
Fig. 2 0036-0008-002 5.5 mm Ø
Fig. 3 0036-0008-003 6.5 mm Ø
Fig. 4 0036-0008-004 7.5 mm Ø

0036-0008-030 0036-0008-040
Set of 3 Set of 4
Fig.2-4 Fig.1-4

36

Otology Instruments Ear Speculas

36

Alu Black



0036-0009-060
Set of 6
Fig. 1-6

Ø=Inside Dia



- Fig. 1 0036-0009-001
4.5 x 5.5 mm Ø
- Fig. 2 0036-0009-002
5.5 x 6.5 mm Ø
- Fig. 3 0036-0009-003
6.5 x 7.5 mm Ø
- Fig. 4 0036-0009-004
7.5 x 8.5 mm Ø
- Fig. 5 0036-0009-005
8.5 x 9.5 mm Ø
- Fig. 6 0036-0009-006
9.5 x 10.5 mm Ø



Gruber

- | | | | |
|---------------|---------------|---------------|---------------|
| 0036-0010-030 | 0036-0010-030 | 0036-0011-030 | 0036-0011-040 |
| Set of 3 | Set of 4 | Set of 3 | Set of 4 |
| Fig. 2-4 | Fig. 1-4 | Fig. 2-4 | Fig. 1-4 |

- | | |
|--|----------------------------------|
| Fig. 1 0036-0010-001
2.8 x 3.8 mm Ø | Fig. 1 0036-0011-001
4.5 mm Ø |
| Fig. 2 0036-0010-002
3.8 x 4.8 mm Ø | Fig. 2 0036-0011-002
5.0 mm Ø |
| Fig. 3 0036-0010-003
5.0 x 6.2 mm Ø | Fig. 3 0036-0011-003
5.5 mm Ø |
| Fig. 4 0036-0010-004
6.0 x 7.2 mm Ø | Fig. 4 0036-0011-004
6.0 mm Ø |

Black



Hartmann
0036-0012-040
Set of 4
Fig. 1-4

- Fig. 1 0036-0012-001
3.0 mm Ø
- Fig. 2 0036-0012-002
4.0 mm Ø
- Fig. 3 0036-0012-003
5.0 mm Ø
- Fig. 4 0036-0012-004
7.0 mm Ø

Black



Hartmann
0036-0012-020
Set of 2
Fig. 5-6

- Fig. 5 0036-0012-005
9.0 mm Ø
- Fig. 6 0036-0012-006
11.0 mm Ø



Boucheron
0036-0013-040
Set of 4
Fig. 3-6

- 0036-0013-003 3.5 mm Ø
- 0036-0013-004 4.5 mm Ø
- 0036-0013-005 5.5 mm Ø
- 0036-0013-006 6.5 mm Ø



- | | | |
|---------------------------------------|--------------------------------------|--------------------------------------|
| 0036-0014-001 | 0036-0014-002 | 0036-0014-003 |
| Fig. 1 0036-0014-001
4.2 x 3.8 mm | Fig. 2 0036-0014-002
5.5 x 3.8 mm | Fig. 3 0036-0014-003
6.5 x 3.8 mm |
| 0036-0014-030
Set of 3
Fig. 1-3 | | |

36

Otology Instruments Ear Speculas

36



0036-0015-001



0036-0015-002



0036-0015-003

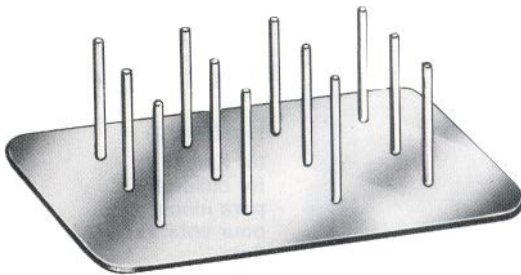
Fig. 1 0036-0015-001 4.2 mm
Fig. 2 0036-0015-002 5.5 mm
Fig. 3 0036-0015-003 6.5 mm
0036-0015-030
Set of 3
Fig. 1-3



Richnau-Holmgren

0036-0016-002 2.0 mm Ø
0036-0016-004 4.0 mm Ø
0036-0016-006 6.0 mm Ø

Metal supports for specula



For 12 Specula
0036-0017-000



Siegle



6.5 mm



7 mm



8 mm

Otoscope with 3 ear specula and rubber tube with bulb
0036-0018-000

36

Otology Instruments Tunning Forks

36

Tunning Forks



Hartmann



Lucae



**French
Hartmann**



**Lucae
C 128**



**Hartmann
C 128**

C ₂	16			0036-0021-016
C ₂	32			0036-0021-032
C	64			0036-0021-001
C	128	0036-0019-000	0036-0020-000	0036-0021-002
C ₁	256	0036-0019-001	0036-0020-001	0036-0021-003
C ₂	512	0036-0019-002	0036-0020-002	
C ₃	1024	0036-0019-003	0036-0020-003	
C ₄	2048	0036-0019-004	0036-0020-004	
C ₅	4096	0036-0019-005	0036-0020-005	

Variable up to h (Engl. B)

0036-0022-000

0036-0023-000



Rydel-Seiffer
0036-0024-000
C 64/C 128

With Clamps = C 64
Without Clamps = C 128



Tunning Fork for neuro-
logical examination, with
percussion hammer, pin
wheel, brush and needle
0036-0025-000

36

Otology Instruments

Tuning Forks, Eustachian Catheters and Suction Instruments

36



0036-0026-001
C 64



0036-0026-002
C 128



0036-0026-003
C 256



0036-0026-004
C 512



0036-0026-005
C 1024



0036-0026-006
C 2048



0036-0026-007
C 4096

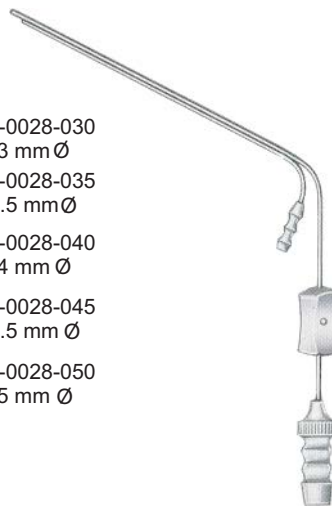


Hartmann

Itard

- 0036-0027-020
2.0 mm Ø
- 0036-0027-025
2.5 mm Ø
- 0036-0027-030
3.0 mm Ø
- 0036-0027-040
4.0 mm Ø
- 0036-0027-050
5.0 mm Ø

- 0036-0028-030
3 mm Ø
- 0036-0028-035
3.5 mm Ø
- 0036-0028-040
4 mm Ø
- 0036-0028-045
4.5 mm Ø
- 0036-0028-050
5 mm Ø



House

- 0036-0029-009 0.9 mm Ø
- 0036-0029-012 1.2 mm Ø
- 0036-0029-015 1.5 mm Ø



Baron (Schuknecht)

- 0036-0030-001 1.0 x 75 mm Ø
- 0036-0030-002 1.5 x 75 mm Ø
- 0036-0030-003 2.0 x 75 mm Ø

36

Otology Instruments

Ear Polypus Snares and Ear Dressing Forceps

36



Krause
0036-0031-016
16 cm/6 1/4"



Krause-Voss
0036-0032-016
16 cm/6 1/4"



Lange-Wilde
0036-0033-016
16 cm/6 1/4"



Package of 1 dozen each

	mm Ø
0036-0034-002	0.2
0036-0034-003	0.3

Ear Dressing Forceps



**Troeltsch
(Wilde)**



Troeltsch



Lucae



Lucae



Jansen

Cm	In				
11.0	4 1/4"	0012-0806-011			
12.0	4 3/4"	0012-0806-012	0012-0807-012		
14.0	5 1/2"	0012-0806-014		0012-0808-014	0012-0809-014
15.0	6"	0012-0806-015			
16.0	6 1/4"				0012-0811-016
18.0	7"				0012-0811-018
20.0	8"				0012-0811-020

36

Otology Instruments

Ear Polypus Forceps and Foreign Body Levers

36



Okonogto
0036-0035-016
16 cm/6 1/4"



Littauer
0036-0036-012
12 cm/4 3/4"



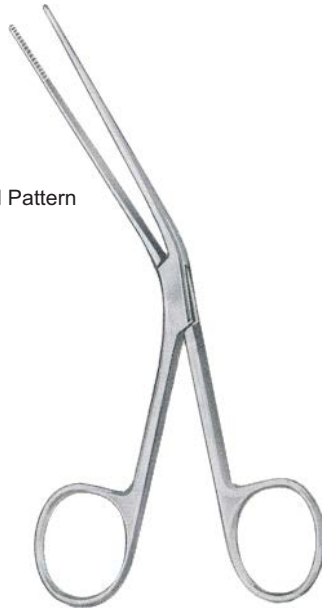
Fine Pattern

Hartmann
0036-0037-012
12 cm/4 3/4"



Hartmann
0036-0038-014
14 cm/5 1/2"

Standard Pattern



Tilley
0036-0039-014 14 cm/5 1/2"
0036-0039-016 16 cm/6 1/4"



Buck
0036-0040-011
11 cm/4 1/2"

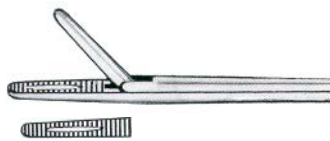


Quire
0036-0041-010
10 cm/4"

36

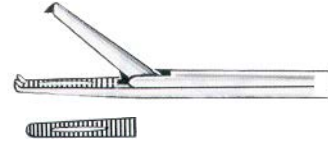
Otology Instruments Ear Polypus Forceps

36



Hartmann-Noyes
0036-0042-009
8.5 cm/3 1/4"

1 : 2



Hartmann-Noyes
0036-0043-009
8.5 cm/3 1/4"



Hartmann
0036-0043-009 8.5 cm/3 1/4"
0036-0043-014 14 cm/5 1/2"
0036-0043-016 16 cm/6 1/4"

1 : 2



Hartmann
0036-0044-009 8.5 cm/3 1/4"
0036-0044-014 14.0 cm/5 1/2"



Hartmann
0036-0045-020 8.5 cm/3 1/4" ○ 2.0 mm
0036-0045-025 8.5 cm/3 1/4" ○ 2.5 mm
0036-0045-030 8.5 cm/3 1/4" ○ 3.0 mm



Hartmann-Citelli
0036-0046-002 ○ 2 mm 8.5 cm/3 1/4"
0036-0046-003 ○ 3 mm 8.5 cm/3 1/4"



Strumpel
0036-0047-009
8.5 cm/3 1/4"



Hartamm-Weingartner
0036-0048-009
8.5 cm/3 1/4"



Hartamm
0036-0049-009
8.5 cm/3 1/4"



Hartamm-Wullstein
0036-0050-006 8.5 cm/3 1/4" 08 x 6 mm
0036-0050-008 8.5 cm/3 1/4" 1.8 x 8 mm



Hartamm-Wullstein
0036-0051-001 ○ 1 mm 8.5 cm/3 1/4"
0036-0051-002 ○ 2 mm 8.5 cm/3 1/4"

36

Otology Instruments

Micro Ear Polypus Forceps

36



Length of Shaft 8 cm

	Micro Forceps	Mini	Cup-Shaped Forceps
	1.6 x 7.0 mm	0.7 x 3.5 mm	0.9 x 1.1 mm
	0036-0052-001	0036-0052-008	0036-0052-011
	0036-0052-002		
	0.8 x 4.0 mm		
Smooth Jaw			
	0036-0052-003		
	0.8 x 6.0 mm		
Curved Left			
	0036-0052-004		0036-0052-012
	0.8 x 6.0 mm		0.9 x 1.1 mm
Curved Right			
	0036-0052-005		0036-0052-013
	0.8 x 4.0 mm		0.9 x 1.1 mm
Angled Up			
	0036-0052-006		0036-0052-014
	0.8 x 4.0 mm		0.9 x 1.1 mm
Angled Down			
	0036-0052-007		0036-0052-015
	0.8 x 4.0 mm		0.9 x 1.1 mm

36

Otology Instruments

Micro Ear Polypus Dressing Forceps and Scissors

36

Micro Forceps



Greven
0036-0052-016
0.8 x 5.0 mm



Cos
0036-0052-018
0.8 x 3.0 mm

Left Angled



Juers
0036-0052-019
0.8 x 6.0 mm



Hough
0036-0052-021
0.8 x 3.0 mm

Right Angled



Juers
0036-0052-020
0.8 x 6.0 mm



Hough
0036-0052-022
0.8 x 3.0 mm



Fuller
0036-0052-023
0.8 x 6.0 mm



Tabb
0036-0052-024
0.9x4.0mm

Upward Cutting



Dieter
0036-0052-030

Downward Cutting



Dieter
0036-0052-031

Cutting to the Right



Dieter
0036-0052-032

Cutting to the left



Dieter
0036-0052-033

Micro Scissors



Bellucci
0036-0053-001
4.0 mm



Bellucci
0036-0053-002
5.5 mm



Bellucci
0036-0053-003
5.5 mm

Angled Up



Bellucci
0036-0053-004
5.5 mm

Curved Left



Bellucci
0036-0053-005
5.5 mm

Curved Right



Shea
0036-0053-006
7.0 mm

Curved Left



Shea
0036-0053-007
7.0 mm

Curved Right



Shea
0036-0053-008
7.0 mm

36

Otology Instruments

Micro Ear Polypus Dressing Forceps

36

Length of Shaft 8 cm

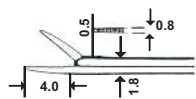


Micro Forceps

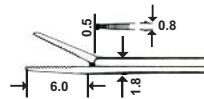
0.5 mm

Smooth Jaw

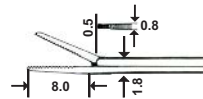
Straight



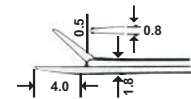
0036-0054-001



0036-0054-002



0036-0054-003



0036-0054-004

Curved Right
Curved Left
Angled Up
Angled Down

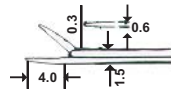
0036-0054-001
0036-0054-002
0036-0054-003
0036-0054-004

Micro Forceps

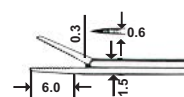
0.3 mm

Smooth Jaw

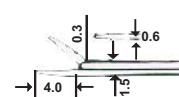
Straight



0036-0055-001



0036-0055-002



0036-0055-003

36

Otology Instruments

Micro Ear Polypus Forceps and Scissors

36

Length of Shaft 8 cm

Cup-Shaped Forceps

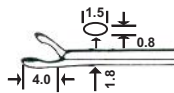


Micro Scissors



Bellucci
0.8 mm

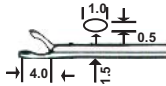
1.5 x 0.8 mm



Straight
Curved Right
Curved Left
Angled Up
Angled Down

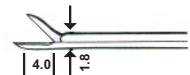
0036-0056-001
0036-0056-002
0036-0056-003
0036-0056-004
0036-0056-005

1.0 x 0.5 mm



Straight

0036-0056-006



0036-0057-001
0036-0057-002
0036-0057-003
0036-0057-004
0036-0057-005

36

Otology Instruments

Micro Ear and Wire Closure Forceps

36

Length of Shaft 8 cm

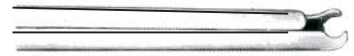


Crura Forceps



Open to Right

Fisch
0036-0058-001



Open to Left

Fisch
0036-0058-002

Length of Shaft 8 cm



Wire Closure Forceps



Mc Gee
0036-0059-001



Mc Gee/Fisch
0036-0059-002

36

Otology Instruments Micro Surgery Instruments

36



0036-0060-001



0036-0060-002

Micro Scissors



0036-0061-001



0036-0061-002

Micro Forceps



0036-0062-001



0036-0062-002

Cup-Shaped Forceps

36

Otology Instruments Micro Surgery Instruments

36

Messer

Knives



Schuknecht
0036-0063-001



Schuknecht
0036-0063-002



Schuknecht
0036-0064-001



Wullstein
0036-0065-001



Tabb
0036-0066-001



Plester
0036-0067-001



Plester
0036-0067-002



0036-0067-003



Rosen 0036-0068-020
2.0 mm



0036-0068-010
1.0 mm



0036-0068-014
1.4 mm



0036-0068-016
1.6 mm



0036-0068-026
2.6 mm



0036-0068-028
2.8 mm



0036-0068-030
3.0 mm

Needles And Hooks



Barbara
0036-0069-001



0036-0069-002



0036-0069-003



Rosen
0036-0069-004



Barbara



25°
0036-0070-003 0.3 mm
0036-0070-006 0.6 mm
0036-0070-010 1.0 mm



45°
0036-0071-003 0.3 mm
0036-0071-006 0.6 mm
0036-0071-010 1.0 mm
0036-0071-012 1.2 mm
0036-0071-015 1.5 mm
0036-0071-020 2.0 mm
0036-0071-025 2.5 mm



90°
0036-0072-003 0.3 mm
0036-0072-006 0.6 mm
0036-0072-010 1.0 mm
0036-0072-012 1.2 mm
0036-0072-015 1.5 mm
0036-0072-020 2.0 mm
0036-0072-025 2.5 mm



0036-0073-005 0.5 mm
0036-0073-010 1.0 mm

36

Otology Instruments Micro Surgery Instruments

36

Needles And Hooks



90°

0036-0074-003 0.3 mm
0036-0074-006 0.6 mm
0036-0074-010 1.0 mm



90°

0036-0075-003 0.3 mm
0036-0075-006 0.6 mm
0036-0075-010 1.0 mm



McGee

0036-0076-005 0.5 mm
0036-0076-010 1.0 mm



McGee

0036-0077-005 0.5 mm
0036-0077-010 1.0 mm



Barbara

0036-0078-001



Rosen

0036-0078-002



25°

0036-0079-003 0.3 mm
0036-0079-006 0.6 mm
0036-0079-010 1.0 mm



25°

0036-0080-003 0.3 mm
0036-0080-006 0.6 mm
0036-0080-010 1.0 mm



45°

0036-0081-003 0.3 mm
0036-0081-006 0.6 mm
0036-0081-010 1.0 mm



45°

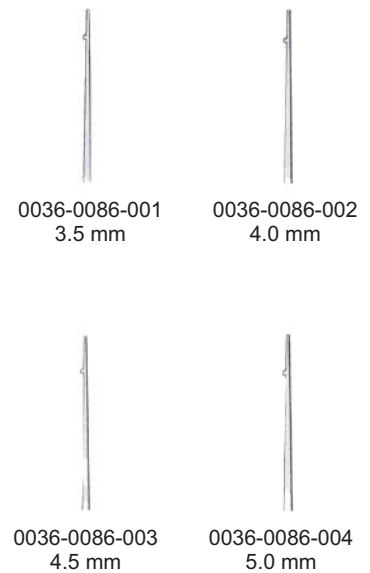
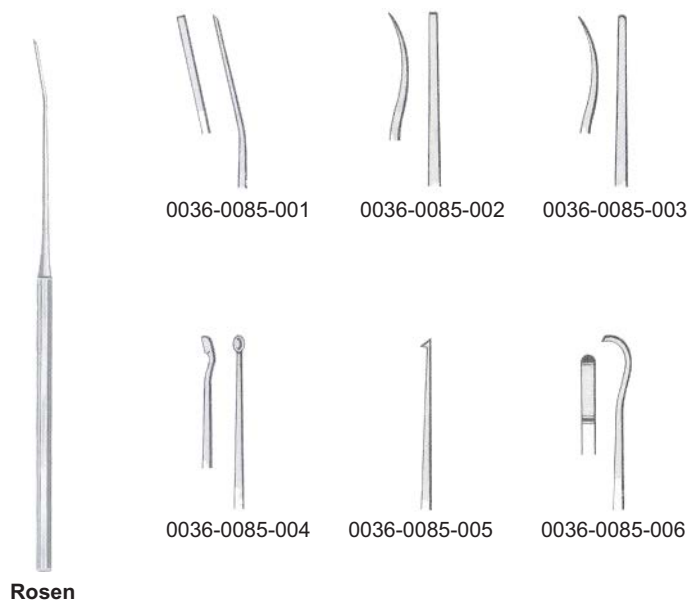
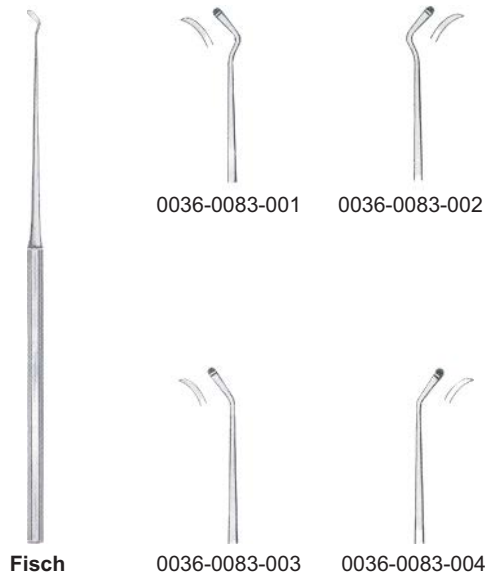
0036-0082-003 0.3 mm
0036-0082-006 0.6 mm
0036-0082-010 1.0 mm

36

Otology Instruments Micro Surgery Instruments

36

Dissectors, Measuring Road, Elevators, Curettes and Mobilizer



36

Otology Instruments Micro Surgery Instruments

36



Buckingham



0036-0087-001



0036-0087-002



0036-0087-003



House

0036-0088-010 1.0/1.2 mm
0036-0088-015 1.5/1.8 mm



House

0036-0089-010 1.0/1.2 mm
0036-0089-015 1.5/1.8 mm



Shea

0036-0090-015 1.5 mm

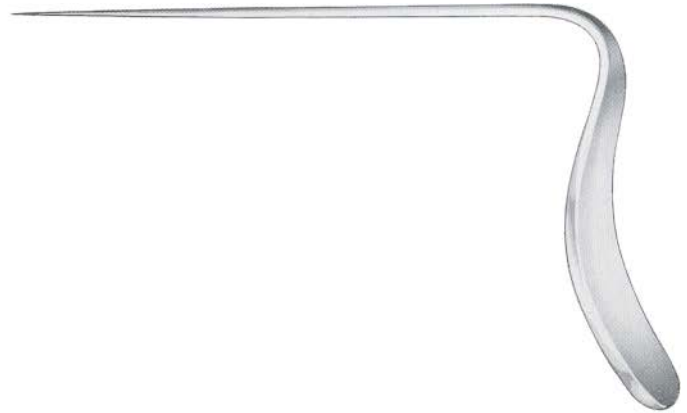
36

Otology Instruments Micro Surgery Instruments

36



0036-0091-001 0036-0091-002 0036-0091-003



Zollner



0036-0091-004 0036-0091-005 0036-0091-006 0036-0091-007 0036-0091-008 0036-0091-009 0036-0091-010 0036-0091-011



0036-0091-012 0036-0091-013 0036-0091-014



0036-0091-015 0036-0091-016 0036-0091-017



0036-0091-018 0036-0091-019 0036-0091-020 0036-0091-021 0036-0091-022 0036-0091-023 0036-0091-024

36

Otology Instruments Ear Punches

36



Width of Bite

Citelli
0036-0092-020 2.0 mm
0036-0092-030 3.0 mm



Width of Bite

Citelli-Beyer
0036-0093-015 1.5 mm
0036-0093-020 2.0 mm



Width of Bite



Brunings
0036-0094-040
0036-0094-060

- 0036-0095-030 3.0 mm
- 0036-0095-040 4.0 mm
- 0036-0095-050 5.0 mm
- 0036-0095-060 6.0 mm



Kerrison
20 cm/8"

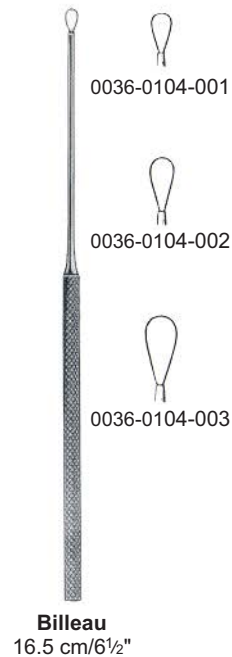
36

Otology Instruments Ear Curettes, Spoons and Loops

36



									
		Fig. 000	00	0	1	2	3	4	5
Blunt		0036-0096-030	0036-0096-020	0036-0096-010	0036-0096-001	0036-0096-002	0036-0096-003	0036-0096-004	0036-0096-005
Sharp		0036-0097-030	0036-0097-020	0036-0097-010	0036-0097-001	0036-0097-002	0036-0097-003	0036-0097-004	0036-0097-005
Blunt		0036-0098-030	0036-0098-020	0036-0098-010	0036-0098-001	0036-0098-002	0036-0098-003	0036-0098-004	0036-0098-005
Sharp		0036-0099-030	0036-0099-020	0036-0099-010	0036-0099-001	0036-0099-002	0036-0099-003	0036-0099-004	0036-0099-005



36

Otology Instruments

Ear Foreign Body Instruments, Hooks and Knives

36



Gross
0036-0106-012
12 cm/4¾"



Zaufal
0036-0107-016
16 cm/6¼"



Hartmann
0036-0108-016
16 cm/6¼"



Lucae
14 cm/5½"

0036-0109-001

0036-0109-002

0036-0109-003



Wagener
14 cm/5½"

0036-0110-001

0036-0110-002

0036-0110-003

0036-0110-004

0036-0110-005

0036-0110-006



Day
16 cm/6¼"

0036-0111-001

0036-0111-002



Muck
0036-0112-013
13.5 cm/5¼"



Politzer
0036-0113-016
16 cm/6¼"



Fig. 1 0036-0114-001
2 0036-0114-002
3 0036-0114-003



Sexton
Curved
0036-0115-001
0036-0115-002
0036-0115-003

36

Otology Instruments

Messer and Knives

36

Messer



Gerzog-Sexton
0036-0116-017
17 cm/6½"



Politzer
0036-0117-017
17 cm/6¾"



Lempert
0036-0118-015
15 cm/6 "



Lempert
15 cm/6"



0036-0119-001



0036-0119-002

Knives



Lempert
0036-0120-001
15 cm/6"



Lempert
0036-0120-002
15 cm/6"



Politzer
0036-0122-016
16.5 cm/6½"



Lucae
0036-0121-016
16 cm/6¼"
0036-0121-018
18 cm/7"



Lucae
0036-0123-018
18 cm/7 "

36

Otology Instruments

Ear Syringes

36



0036-0124-010



0036-0124-020



0036-0124-030

Ear Syringe, Complete With 2 Cannulas and 1Protecting Disk

0036-0124-002	50 ml
0036-0124-003	75 ml
0036-0124-004	100 ml
0036-0124-006	150 ml
0036-0124-008	200 ml

37

Rhinology Instruments

Nasal Speculas

37



Fraenkel
0037-0001-001 Fig. 1
0037-0001-002 Fig. 2
0037-0001-003 Fig. 3



0037-0002-001
0037-0002-002
0037-0002-003
13 cm/5"



Fig. 1
0037-0002-001
0037-0003-001



Fig. 2
0037-0002-002
0037-0003-002



Fig. 3
0037-0002-003
0037-0003-003



0037-0003-001
0037-0003-002
0037-0003-003
13 cm/5"



Hartmann
15 cm/6"

0037-0004-001

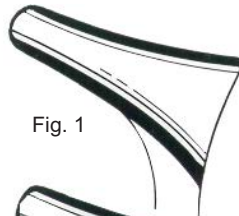


Fig. 1

0037-0005-001

0037-0004-002

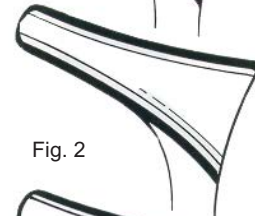


Fig. 2

0037-0005-002

0037-0004-003



Fig. 3

0037-0005-003



Hartmann
15 cm/6"

37

Rhinology Instruments

Nasal Speculas

37



0037-0006-001

0037-0006-002

0037-0006-003

Hartmann-Halle
15 cm/6"



Fig. 1

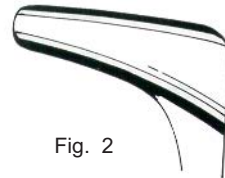


Fig. 2



Fig. 3



0037-0007-001

0037-0007-002

0037-0007-003

Hartmann-Halle
15 cm/6"



0037-0008-001

0037-0008-002

Tieck
13.5 cm/5 1/4"



0037-0009-001



0037-0009-002



Tieck
13.5 cm/5 1/4"



Beckmann
15 cm/6"



Fig. 1
0037-0010-001



Fig. 2
0037-0010-002



Fig. 3
0037-0010-003

37

Rhinology Instruments Nasal Speculas

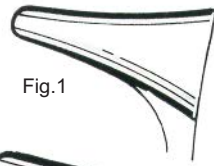
37



Mod.Wien

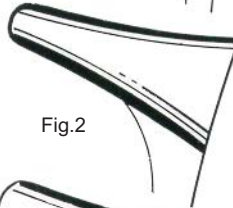
0037-0011-001

Fig.1



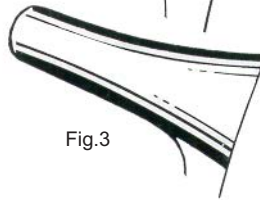
0037-0011-002

Fig.2



0037-0011-003

Fig.3



0037-0012-001

0037-0012-002

0037-0012-003



Wien



Killian

Fig.1
0037-0013-001
35 mm



Fig.2
0037-0013-002
50 mm



Fig.3
0037-0013-003
75 mm

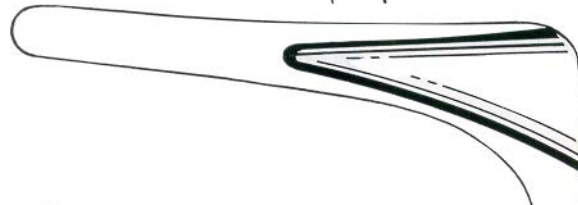
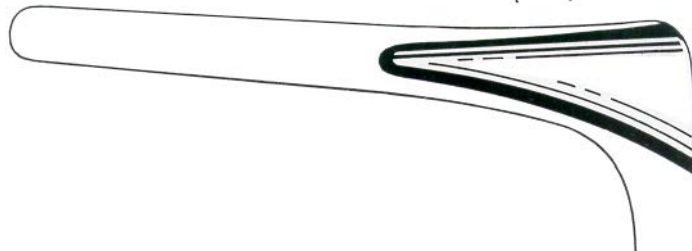


Fig.4
0037-0013-004
90 mm



37

Rhinology Instruments Nasal Speculas

37



Cottle
0037-0014-001
0037-0014-002
0037-0014-003
0037-0014-004
15 cm/6"

Cottle
0037-0015-001
0037-0015-002
0037-0015-003
0037-0015-004
15 cm/6"

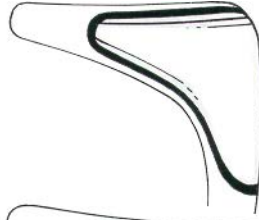


Fig 1
0037-0014-001
0037-0015-001
35 mm

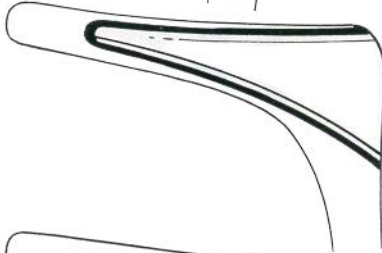


Fig 2
0037-0014-002
0037-0015-002
50 mm



Fig 3
0037-0014-003
0037-0015-003
75 mm



Fig 4
0037-0014-004
0037-0015-004
90 mm



0037-0016-030 Fig. 1- 3
0037-0016-040 Fig. 1- 4
0037-0016-070 Fig. 1- 7



0037-0016-001 0037-0016-002 0037-0016-003 0037-0016-004



0037-0016-005 0037-0016-006 0037-0016-007

37

Rhinology Instruments

Nasal Snares, Dressing and Tampon Forceps

37



Krause
0037-0017-026
26 cm/10¹/₄"



Krause-Voss
0037-0018-026
26 cm/10¹/₄"



Lange-Wilde
0037-0019-024
24 cm/9¹/₂"



Package Of 1 Dozen Each
0037-0020-010
0.3 mm



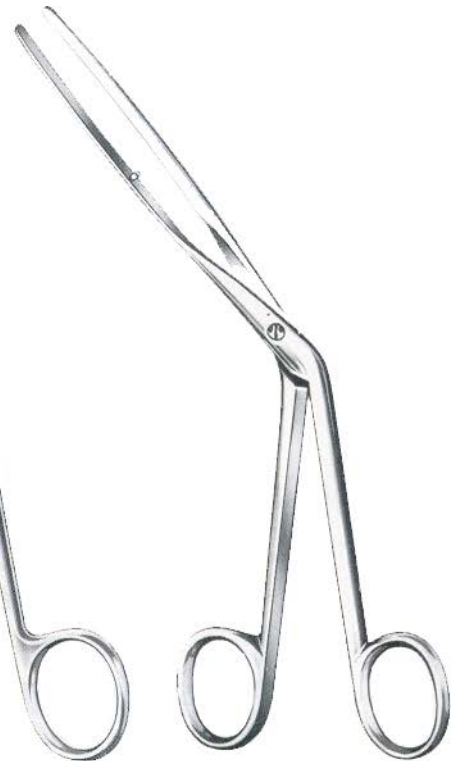
Cm	In	Troeltsch (Wilde)
15.0	6	0012-0806-014
18.0	7	0012-0806-018
20.0	8	0012-0810-020



Cm	In	Gruenwald (Jansen)
15.0	6	0012-0810-016
18.0	7	0012-0810-018
20.0	8	0012-0810-020



Westmacott (West)
0037-0021-020
20 cm/8"



Lubet-Barbon
0037-0022-020
20 cm/8"

37

Rhinology Instruments

Nasal polypus and Septum Compression Forceps

37



Hartmann
0037-0023-016
16 cm/6¼"



Hartmann
0037-0024-020
20 cm/8"



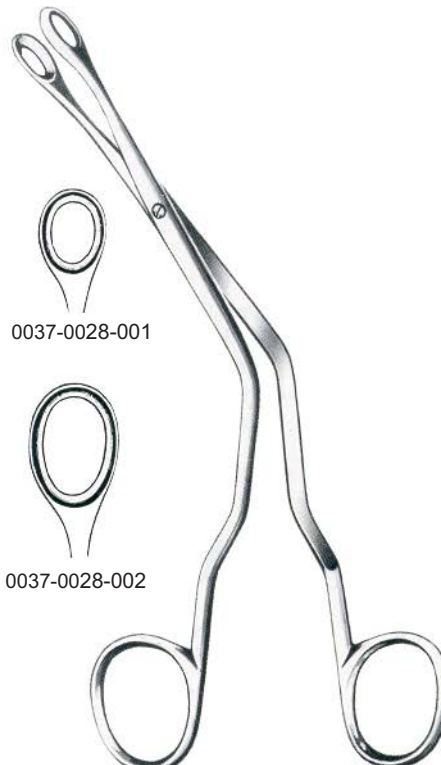
Heymann
0037-0025-018
18 cm/7"



Craig
0037-0026-018
18 cm/7"



Craig Domnick
18 cm/7"



Luc
20 cm/8"



Luc
20 cm/8"

37

Rhinology Instruments Septum Compression Forceps

37

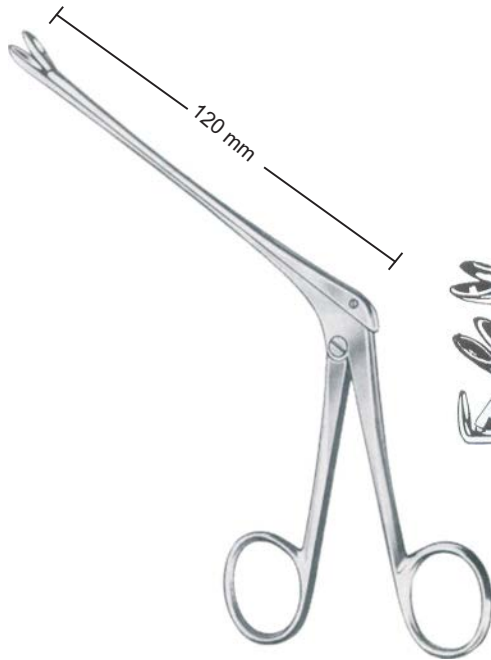


37

Rhinology Instruments

Nasal Cutting Forceps

37



Weil-Blakesley



0037-0035-001 0037-0035-002 0037-0035-003 0037-0035-004 0037-0035-005

45° 0037-0036-001 0037-0036-002 0037-0036-003 0037-0036-004

90° 0037-0037-001 0037-0037-002 0037-0037-003



Struycken



0037-0038-001



0037-0038-002



Grunwald



0037-0041-001



0037-0041-002



0037-0041-003



Grunwald



0037-0042-001



Hajek



0037-0039-001

2.2 mm



0037-0039-002

2.6 mm



0037-0039-003

3.0 mm



0037-0039-004

3.4 mm



Hartmann



0037-0043-001

5 mm



0037-0043-002

7 mm



0037-0043-003

9 mm



0037-0043-004

11 mm



Myles



0037-0040-001



0037-0040-002



0037-0040-003



Schmeden



0037-0044-001



0037-0044-002



0037-0044-003

37

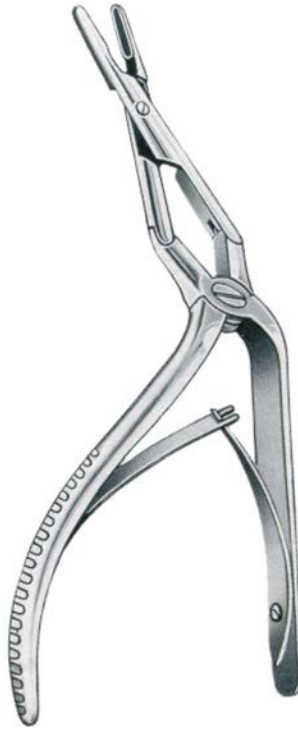
Rhinology Instruments

Septum Compression Forceps

37



Middleton-Jansen
0037-0045-019
19 cm/7½"



Middleton-Jansen
0037-0046-019
19 cm/7½"



Kazanjian
0037-0047-018
18 cm/7"



Caplan
0037-0048-020
20 cm/8"

37

Rhinology Instruments Adenoid Cutting Forceps and Nasal Knives

37



Jurasz
22 cm/8¾"



0037-0049-001



0037-0049-002



0037-0049-003

Rhinoplastic and Nasal Knives



Joseph
Pointed

← Straight
0037-0050-001



Curved
0037-0051-001



Joseph
Blunt

← Straight
0037-0052-001



Curved
0037-0053-001



Converse
0037-0054-015
16 cm/6¼"



Joseph
0037-0055-014
14 cm/5½"

37

Rhinology Instruments

Rhinoplastic, Nasal and Septum Knives

37



Cottle
0037-0056-015
15 cm/6"



Cottle
0037-0057-014
14 cm/5½"



Freer
0037-0058-016
16 cm/6¼"



Freer
0037-0059-016
16.5 cm/6½"



Freer
0037-0060-016
16 cm/6¼"



Freer
0037-0061-019
19 cm/7½"

Septum Knives



Ballenger
20cm/8"



0037-0062-003 3 mm 0037-0063-003
0037-0062-004 4 mm 0037-0063-004
0037-0062-005 5 mm 0037-0063-005



Ballenger
20cm/8"



Bruenings
0037-0064-016
16 cm/6¼"

37

Rhinology Instruments

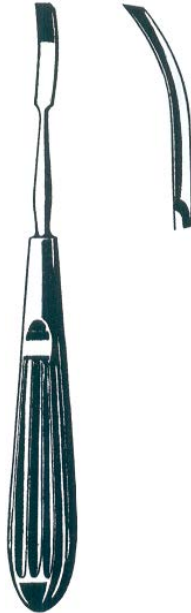
Nasal Septum Elevators

37



Mc Kenty
15 cm/6"

0037-0065-004 4 mm
0037-0065-005 5 mm



Lempert
0037-0066-018
18 cm/7"



Lempert
0037-0067-020
20.5 cm/8"



Cottle
0037-0068-019
19.5 cm/7 1/2"



Blunt

Freer
0037-0069-019
19 cm/7 1/2"

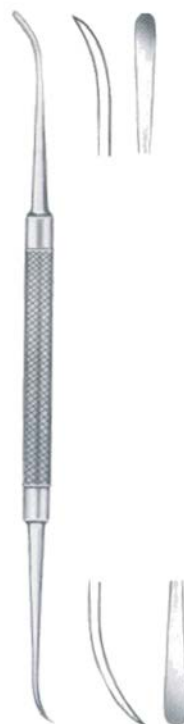


Sharp

Freer
0037-0070-019
19 cm/7 1/2"



Freer
0037-0071-018
18 cm/7"



Freer-Yasargil
0037-0072-018
18.5 cm/7 1/4"



Howarth
0037-0073-021
21.5 cm/8 1/2"



Mc Kenty
0037-0074-022
22 cm/8 3/4"

37

Rhinology Instruments

Nasal Septum Elevators

37



Killian
0037-0075-017
17 cm/6¾"



Cottle
0037-0076-023
23 cm/9"



Killian
0037-0077-018
18.5 cm/7¼"



Pierce
0037-0078-021
21 cm/8¼"



Pennington
0037-0079-021
21 cm/8¼"

Raspatories



0037-0080-018
18 cm/7"



**Joseph (Cottle)
Masing**
0037-0081-022
22 cm/8¾"



Masing
0037-0082-020
20.5 cm/8⅜"



Joseph
0037-0083-016
16cm/6¼"
4 mm

Periost-Elevators

37

Rhinology Instruments

Nasal Chisels and Gouges

37



Freer
0037-0084-016
16 cm/6¼"



Freer
0037-0085-016
16 cm/6¼"



Freer
0037-0086-015
15 cm/6"



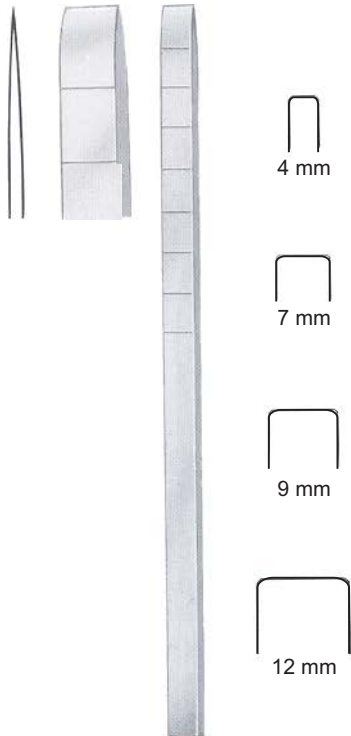
Ballenger
0037-0087-004 4 mm
0037-0087-006 6 mm
0037-0087-008 8 mm
16 cm/6¼"



Killian
0037-0088-016
16 cm/6¼"



Killian-Claus
0037-0089-016
16 cm/6¼"



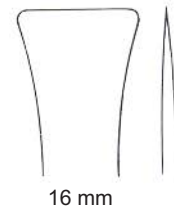
Cottle
0037-0090-004 4 mm
0037-0090-007 7 mm
0037-0090-009 9 mm
0037-0090-012 12 mm
18 cm/7"



Cottle
0037-0091-004 4 mm
0037-0091-007 7 mm
0037-0091-009 9 mm
0037-0091-012 12 mm
18 cm/7"



Cottle
0037-0092-018
18 cm/7"



Cottle
0037-0093-018
18 cm/7"

37

Rhinology Instruments Nasal Septum Chisels

37



0037-0094-008
16 cm/6¼"
8 mm



Cottle
0037-0095-004 4 mm
0037-0095-007 7 mm
0037-0095-009 9 mm
0037-0095-012 12 mm
18 cm/7"



Cottle
Curved
0037-0096-006
18 cm/7"
6 mm



0037-0097-004 4mm
0037-0097-005 5mm
0037-0097-008 8mm

Fomon
0037-0097-006 6mm
0037-0097-007 7mm
17 cm/6¾"



Walter
0037-0098-003 3 mm
0037-0098-004 4 mm
19 cm/7½"



0037-0099-001 0037-0099-002 0037-0099-003
(Silver) Masing
18 cm/7"



Cinelli
0037-0100-010 10 mm
0037-0100-012 12 mm
0037-0100-014 14 mm
0037-0100-016 16 mm
16 cm/6¼"



10 mm



12 mm



14 mm



16 mm



Masing
0037-0101-017
17.5 cm/6⅞"

37

Rhinology Instruments

Nasal Septum Chisels and Nasal Saws

37



West
0037-0102-016
16 cm/6 1/4"



West
0037-0103-016
16 cm/6 1/4"



0037-0104-001



0037-0104-002

Joseph
17 cm/6 3/4"
0037-0104-020 0037-0104-020



Joseph
19 cm/7 1/2"
0037-0105-001 0037-0105-002

37

Rhinology Instruments Rasps With Tungsten Carbide Inserts

37

grip



Fig.1



Fig.3



Fig.5



Fig.7



Fig.9



Fig.2



Fig.4



Fig.6



Fig.8

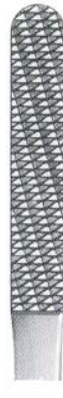


Fig.10

Famon

Fig. 1/2 0037-0106-012
Fig. 3/4 0037-0106-034
Fig. 5/6 0037-0106-056
Fig. 7/8 0037-0106-078
Fig. 9/10 0037-0106-090
21 cm/8 1/4"

grip



Parkes

Fig. 1 0037-0107-001
Fig. 2 0037-0107-002
Fig. 3 0037-0107-003
Fig. 4 0037-0107-004
Fig. 5 0037-0107-005
Fig. 6 0037-0107-006
Fig. 7 0037-0107-007
Fig. 8 0037-0107-008
Fig. 9 0037-0107-009
Fig.10 0037-0107-010
20.5 cm/8"

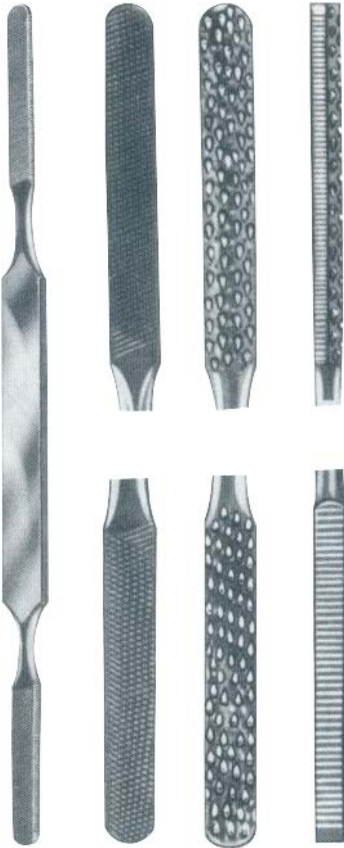
Maltz

Fig. 1 0037-0108-001
Fig. 2 0037-0108-002
Fig. 3 0037-0108-003
Fig. 4 0037-0108-004
Fig. 5 0037-0108-005
Fig. 6 0037-0108-006
Fig. 7 0037-0108-007
Fig. 8 0037-0108-008
Fig. 9 0037-0108-009
Fig.10 0037-0108-010
17 cm/6 3/4"

37

Rhinology Instruments Nasal Rasps

37



0037-0110-001

0037-0110-002

0037-0110-003

Gallaher
16 cm/6 1/4"

Fomon
0037-0109-021
21 cm/8 1/4"

0037-0113-001

0037-0113-002

Maltz
17 cm/6 3/4"



0037-0111-018 0037-0112-018



Wiener

0037-0111-018 18 cm/17" 0037-0112-018

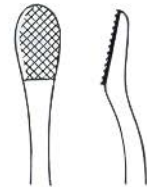
grip



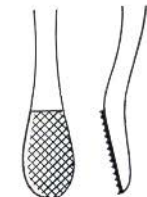
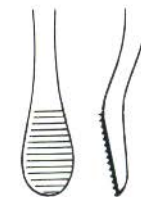
Miller
16 cm/6 1/4"



0037-0114-001



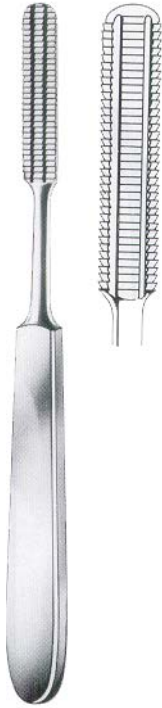
0037-0115-002



37

Rhinology Instruments Nasal Rasps

37



Maltz
0037-0116-018
18 cm/7"



Joseph
16 cm/6¼"



0037-0117-001



0037-0117-002



Lewis
18 cm/7"



Fine
0037-0118-001



Coarse
0037-0118-002



Cottle
0037-0119-021
21 cm/8¼"



Aufrecht
21 cm/8¼"



0037-0120-001



0037-0120-002



37

Rhinology Instruments

Rhinoplastic Instruments

37



Joseph
0037-0121-016
15 cm/6"



Cottle
15 cm/6"

0037-0122-001

0037-0122-002

0037-0122-003



Lange
0037-0123-022
22 cm/8¾"



Fomon
0037-0124-017
17 cm/6¾"



Freer
0037-0125-015
15 cm/6"



Frazier
0037-0126-013 13 cm/5"
0037-0126-018 18 cm/7"



Joseph
16 cm/6¼"



0037-0127-002
2 mm



0037-0127-005
5 mm



0037-0127-007
7 mm



0037-0127-010
10 mm



Fomon
0037-0128-016
16 cm/6¼"



**Neivert
(Masing)**
0037-0129-020
20 cm/8"



Cottle-Neivert
0037-0130-020
20 cm/8"

37

Rhinology Instruments

Rhinoplastic Instruments

37

Hooks



Fomon
0037-0131-014
14.5 cm/5¾"



Cottle
0037-0132-014
14.5 cm/5¾"



Cottle
0037-0133-014
14.5 cm/5¾"



Cottle
0037-0134-014
14.5 cm/5¾"



Cottle
0037-0135-016
15 cm/6"



Kilner
0037-0136-008
8 cm/3¼"
10 mm

Columella Forceps



Converse
0037-0137-012
12 cm/4¾"



Cottle
0037-0139-010
10 cm/4"

Tissue Lifter



0037-0140-014
14 cm/5½"

Tissue Picks



0037-0141-011
11 cm/4½"



1.0 mm 0037-0142-010
1.8 mm 0037-0142-018

37

Rhinology Instruments

Septum Straightening and Septum Punch Forceps

37



Walsham
23 cm/9"



0037-0143-001



0037-0143-002



0037-0143-003



Cottle-Walsham
0037-0144-022
22 cm/8¾"



Asch
0037-0145-023
23 cm/9"



Kressner
0037-0146-020
20 cm/8"



Rubin
0037-0147-020
20 cm/8"

37

Rhinology Instruments Nasal and Adenoid Currettes

37



Faulkner
0037-0148-021
21 cm/8 1/4"

Ringmesser



Sewall
0037-0149-020
20 cm/8"
6 mm



Coakley
17 cm/6 3/4"



0037-0150-001 0037-0150-002 0037-0150-003



0037-0150-004 0037-0150-005 0037-0150-006

Adenoid Currettes



Beckmann
22 cm/8 3/4"

0037-0151-001 - 0037-0151-006



0037-0151-001
0037-0152-001



0037-0151-002
0037-0152-002



0037-0151-003
0037-0152-003



0037-0151-004
0037-0152-004



0037-0151-005
0037-0152-005



0037-0151-006
0037-0152-006



Beckmann
22 cm/8 3/4"

0037-0151-001 - 0037-0152-006

37

Rhinology Instruments

Adenoid Curettes

37



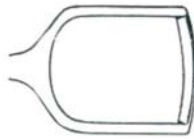
Barnhill
20 cm/8"



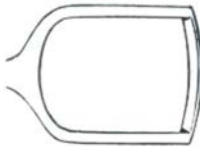
0037-0153-001



0037-0153-002



0037-0153-003



0037-0153-004



La Force
23 cm/9"



0037-0154-001



0037-0154-002



0037-0154-003

Spare blades Only

0037-0154-011

0037-0154-012

0037-0154-013



St. Clair-Thompson
22 cm/8¼"



0037-0155-001



0037-0155-002



0037-0155-003



0037-0155-004

37

Rhinology Instruments

Antrum Retractor and Antrum Frontal Sinus Wash Cannulas

37



Bruenings- Brunk
0037-0156-019
91 cm/7½"



Siebenmann



mm Ø

0037-0157-015	1.5	0037-0158-015
0037-0157-017	1.7	0037-0158-017
0037-0157-020	2.0	0037-0158-020
0037-0157-025	2.5	0037-0158-025
0037-0157-030	3.0	0037-0158-030



Fig. 1



Hartmann
mm Ø

Fig. 2

0037-0159-020	2.0	0037-0160-020
0037-0159-025	2.5	0037-0160-025
0037-0159-030	3.0	0037-0160-030



Eicken - Killian
0037-0161-003
3 mm Ø



Killian
0037-0162-015
1.5 mm Ø

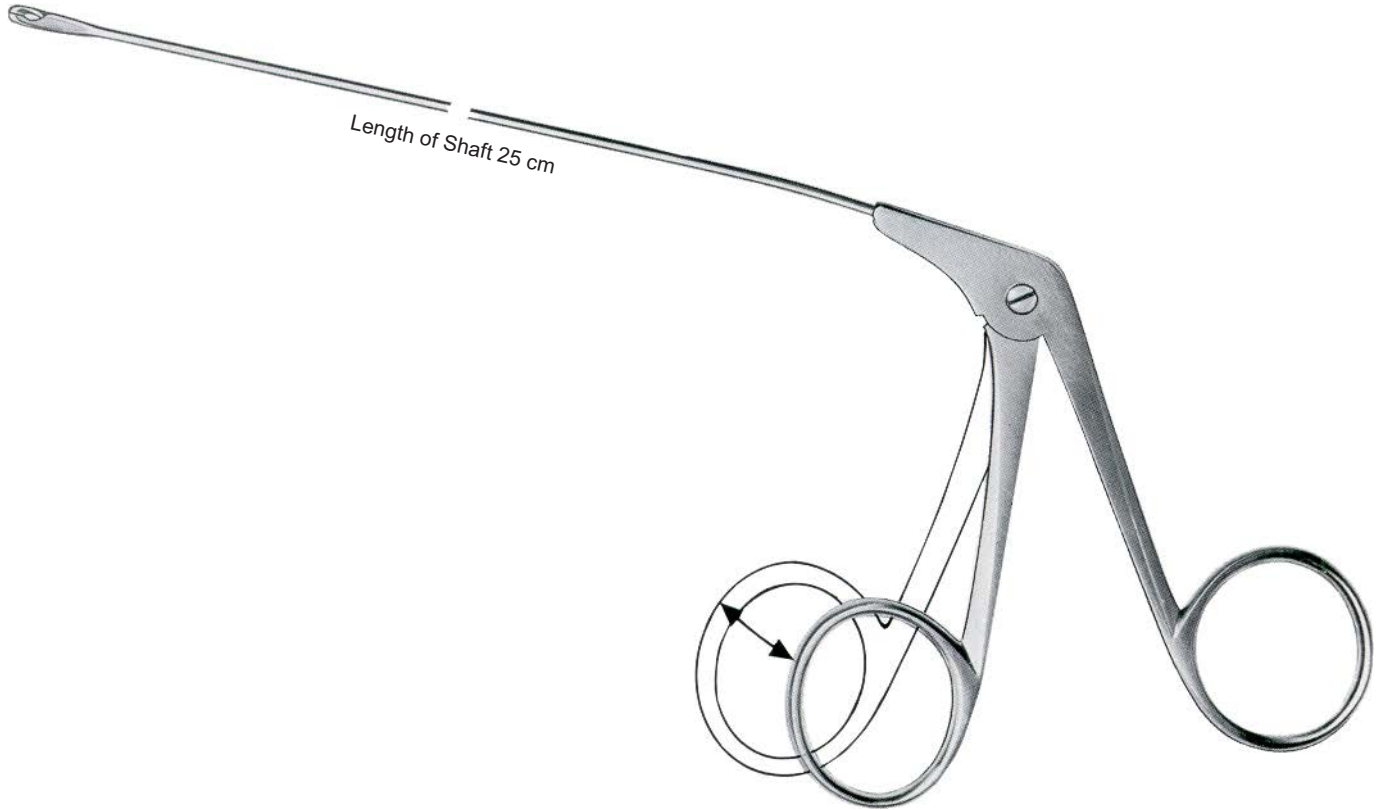


Ritter - Halle
2.5 mm 0037-0163-025
3.0 mm 0037-0163-030
4.0 mm 0037-0163-040

38

Esophagoscopy Instruments Endolaryngeal Forceps Microsurgery

38



	Micro Scissors	Micro Forceps	Cup Shaped Forceps 2.5 mm Ø
Straight			
	0038-0001-001	0038-0002-001	0038-0003-001
Straight Horizontal			
	0038-0001-002	0038-0002-002	
Angled Up			
	0038-0001-003		0038-0003-003
Angled Up Horizontal			
	0038-0001-004	0038-0002-004	0038-0003-004
Curved Right			
	0038-0001-005	0038-0002-005	0038-0003-005
Curved Left			
	0038-0001-006	0038-0002-006	0038-0003-006
			
			Oval 0038-0003-007

38

Esophagoscopy Instruments Endolaryngeal Forceps Microsurgery

38



Length of Shaft

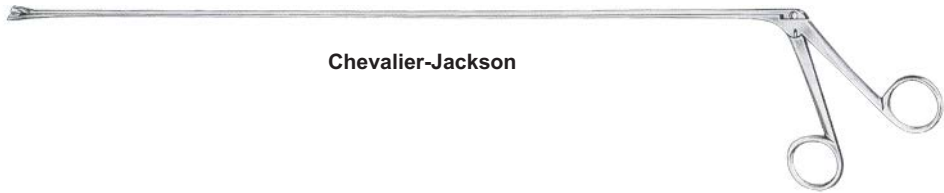
Length of Shaft
For Children

35 cm	40 cm	50 cm	60 cm
0038-0004-001	0038-0005-001	0038-0006-001	0038-0007-001
0038-0004-002	0038-0005-002	0038-0006-002	0038-0007-002
0038-0004-003	0038-0005-003	0038-0006-003	0038-0007-003
0038-0004-004	0038-0005-004	0038-0006-004	0038-0007-004
0038-0004-005	0038-0005-005	0038-0006-005	0038-0007-005
0038-0004-006	0038-0005-006	0038-0006-006	0038-0007-006
0038-0004-007	0038-0005-007	0038-0006-007	0038-0007-007
0038-0004-008	0038-0005-008	0038-0006-008	0038-0007-008
0038-0004-009	0038-0005-009	0038-0006-009	0038-0007-009
0038-0004-010	0038-0005-010	0038-0006-010	0038-0007-010
0038-0004-011	0038-0005-011	0038-0006-011	0038-0007-011
	0038-0005-012	0038-0006-012	0038-0007-012
	0038-0005-013	0038-0006-013	0038-0007-013

38

Esophagoscopy Instruments
Broncho-Esophagoscopy Instruments

38



Chevalier-Jackson



Length
cm in

30	12	0038-0008-030	0038-0009-030	0038-0010-030	0038-0011-030	0038-0012-030	0038-0013-030	0038-0014-030	0038-0015-030
40	16	0038-0008-040	0038-0009-040	0038-0010-040	0038-0011-040	0038-0012-040	0038-0013-040	0038-0014-040	0038-0015-040
50	20	0038-0008-050	0038-0009-050	0038-0010-050	0038-0011-050	0038-0012-050	0038-0013-050	0038-0014-050	0038-0015-050
60	24	0038-0008-060	0038-0009-060	0038-0010-060	0038-0011-060	0038-0012-060	0038-0013-060	0038-0014-060	0038-0015-060

Interchangeable Tips



Huber
0038-0016-000



Bruenings
0038-0017-000



Straight
0038-0018-020
0038-0018-030
0038-0018-040
0038-0018-050
0038-0018-060

Lengths
cm in
20 08
30 12
40 16
50 20
60 24

Angular
0038-0019-020
0038-0019-030
0038-0019-040
0038-0019-050
0038-0019-060



0038-0020-020
20 cm/8"

38

Esophagoscopy Instruments Cutting and Grasping Forceps Tip

38



Baracani
0038-0021-001



Seiffert
0038-0022-001



Frankel
0038-0023-001



Scheinmann
0038-0024-001



Scheinmann
0038-0025-002



Bruenings
0038-0026-001 2 mm Ø
0038-0026-002 3 mm Ø



Bruenings
0038-0026-003



Bruenings
0038-0026-004



Lange
0038-0027-001



Krause
0038-0028-001



Krause
0038-0029-001



Cordes
0038-0030-001



Schumacher
0038-0031-001



Cordes



0038-0032-001



0038-0032-002



Flatau
0038-0033-001



Fraenkel
0038-0034-001

38

Esophagoscopy Instruments

Laryngeal Mirrors and Handles

38



Metal Handles



Fig.	mm Ø
000	06
00	08
0	10
1	12
2	14
3	16
4	18
5	20
6	22
7	24
8	26
9	28
10	30

0038-0035-006
0038-0035-008
0038-0035-010
0038-0035-012
0038-0035-014
0038-0035-016
0038-0035-018
0038-0035-020
0038-0035-022
0038-0035-024
0038-0035-026
0038-0035-028
0038-0035-030

0038-0036-006
0038-0036-008
0038-0036-010
0038-0036-012
0038-0036-014
0038-0036-016
0038-0036-018
0038-0036-020
0038-0036-022
0038-0036-024
0038-0036-026
0038-0036-028
0038-0036-030

Michel

0038-0037-010
0038-0037-012
0038-0037-014
0038-0037-016
0038-0037-018
25 cm/10"

0038-0038-001

38

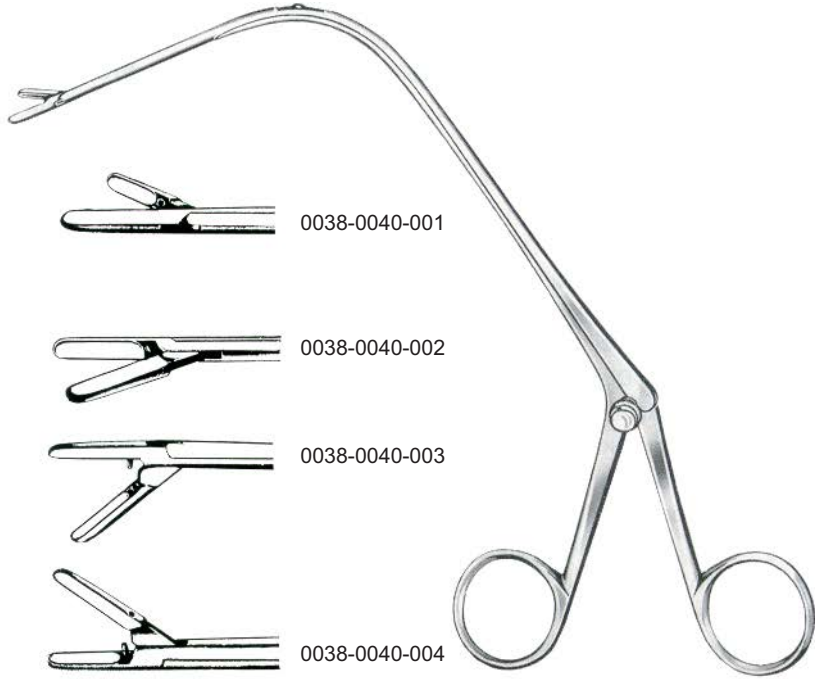
Esophagoscopy Instruments

Laryngeal Polypus Forceps and Epiglottis Retractors

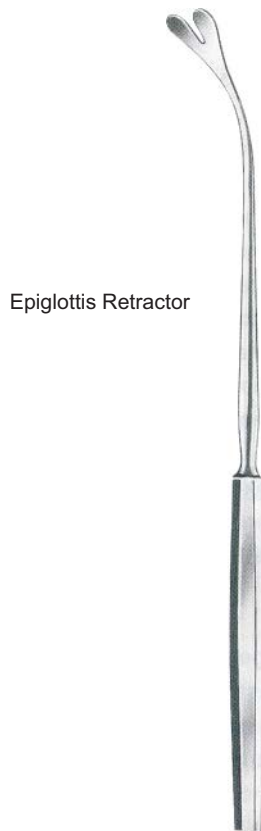
38



Fraenkel
0038-0039-018
18 cm/7"



Jurasz
23 cm/9"



Epiglottis Retractor

Reichert
0038-0041-024
24 cm/9½"



Killian
0038-0042-020
20 cm/8"

39

Sterilizing Instruments

Sterilizing Forceps and Safety Pins

39



Davis
0039-0001-016 16 cm/6¼"
0039-0001-024 24 cm/9½"



Sauerbruch
0039-0002-055
55 cm/21½"



0039-0003-020 20 cm/8"
0039-0003-028 28 cm/11"
0039-0003-030 30 cm/12"



Rogge
0039-0004-023
23 cm/9"



Cheate
0039-0005-027
27 cm/10½"



Universal
0039-0006-020 20 cm/8"
0039-0006-028 28 cm/11"



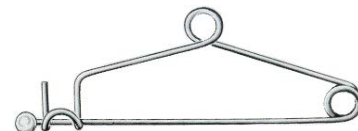
Universal
0039-0007-020
0039-0007-028



Bunt
0039-0008-001
10.5 cm/4¼"



Mayo
0039-0008-002
14 cm/5½"



Mayo
0039-0008-003
14 cm/5½"

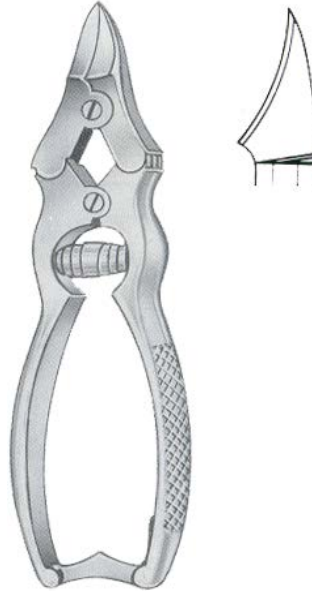
40

Asepsis Instrument

Fine, Nail, Scissors and Nail Nippers

40

Stainless



0040-0001-015
15 cm/6"



0040-0002-010 Straight
0040-0003-010 Curved
10 cm/4"



0040-0004-010
0040-0005-010
10 cm/4"



0040-0006-010
10 cm/4"



0040-0007-011
11 cm/4½"
0040-0007-013
13 cm/5"

40

Asepsis Instrument
Nail Nippers

40



cm	in		
11	4½"	0040-0008-011	
13	5	0040-0008-013	
14	5½"		0040-0009-014
16	6¼"		0040-0009-016



cm	in		
11	4½"		0040-0011-011
13	5		0040-0011-013
14	5½"	0040-0010-014	
15	6"	0040-0010-015	0040-0011-015