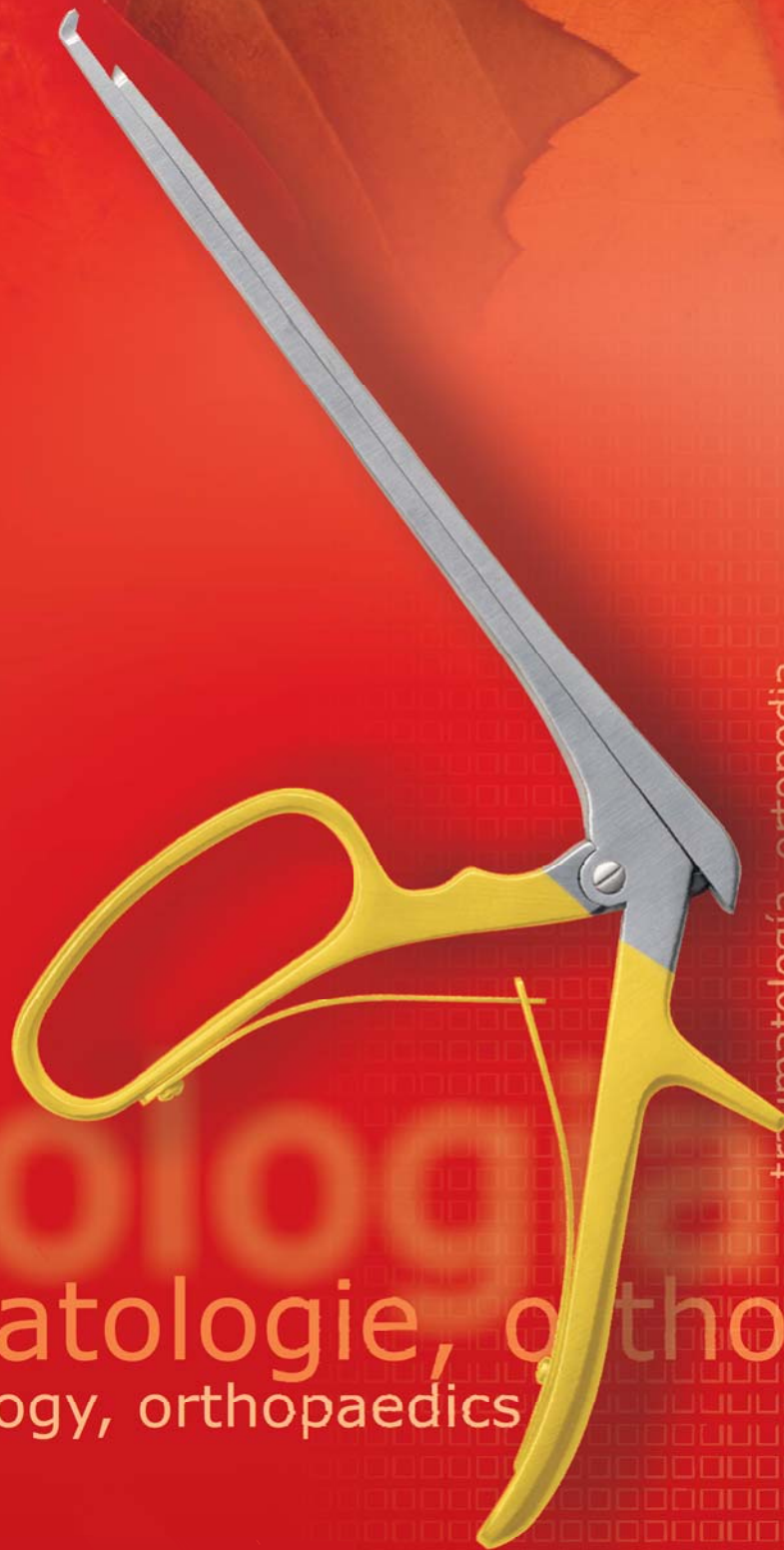




BONTEMPI®

CHIRURGISCHE INSTRUMENTE

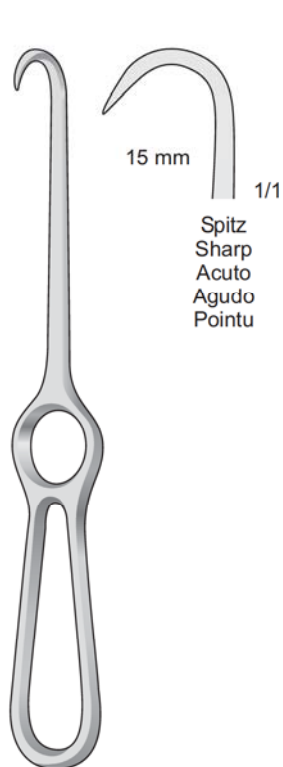


traumatología, ortopedia

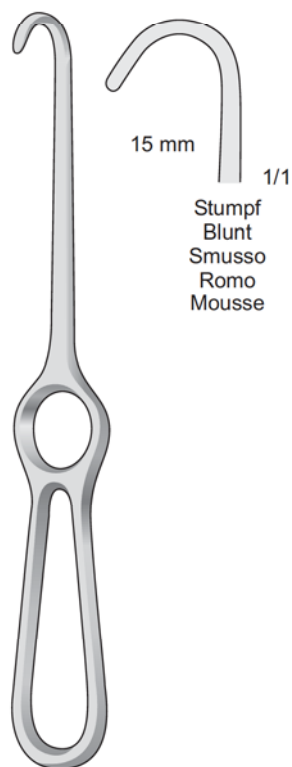
traumatologie, orthopädie

traumatologie, orthopädie
traumatology, orthopaedics

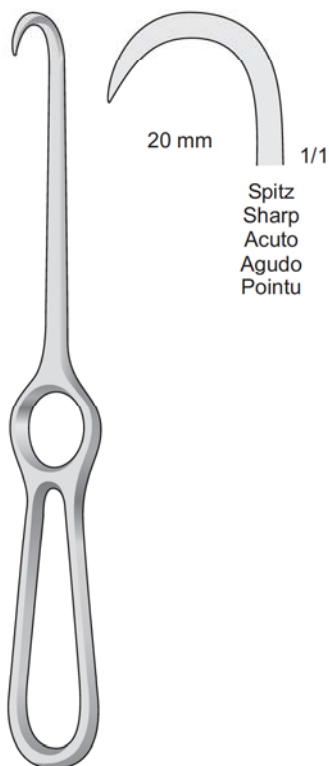
Traumatologia
Orthopädie/Traumatologie
Bone surgery



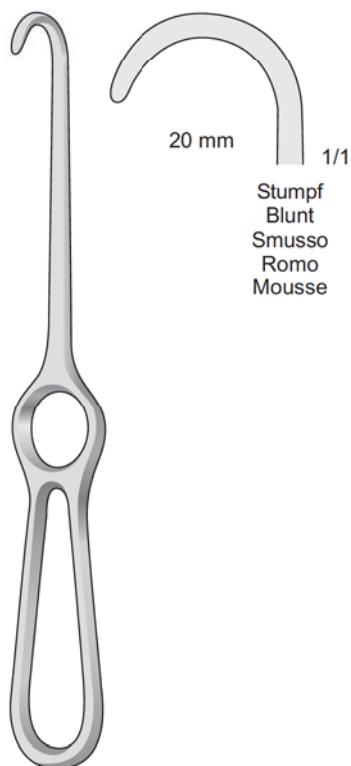
KOCHER
BT-139
205 mm



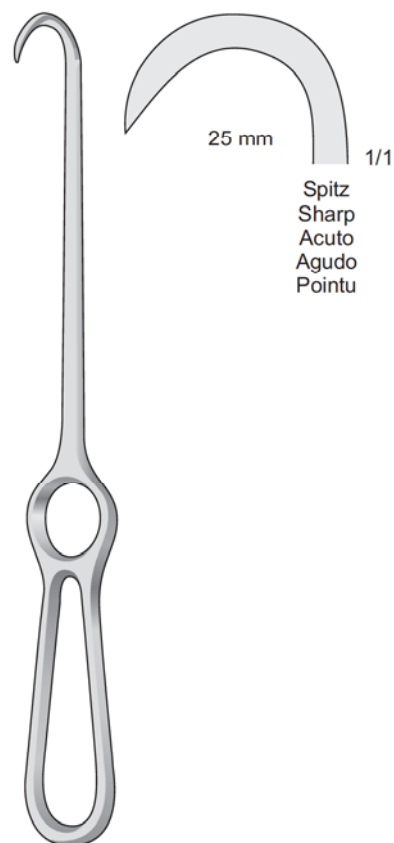
KOCHER
BT-140
220 mm



VOLKMANN
BT-126
220 mm



VOLKMANN
BT-127
220 mm



BT-128
245 mm



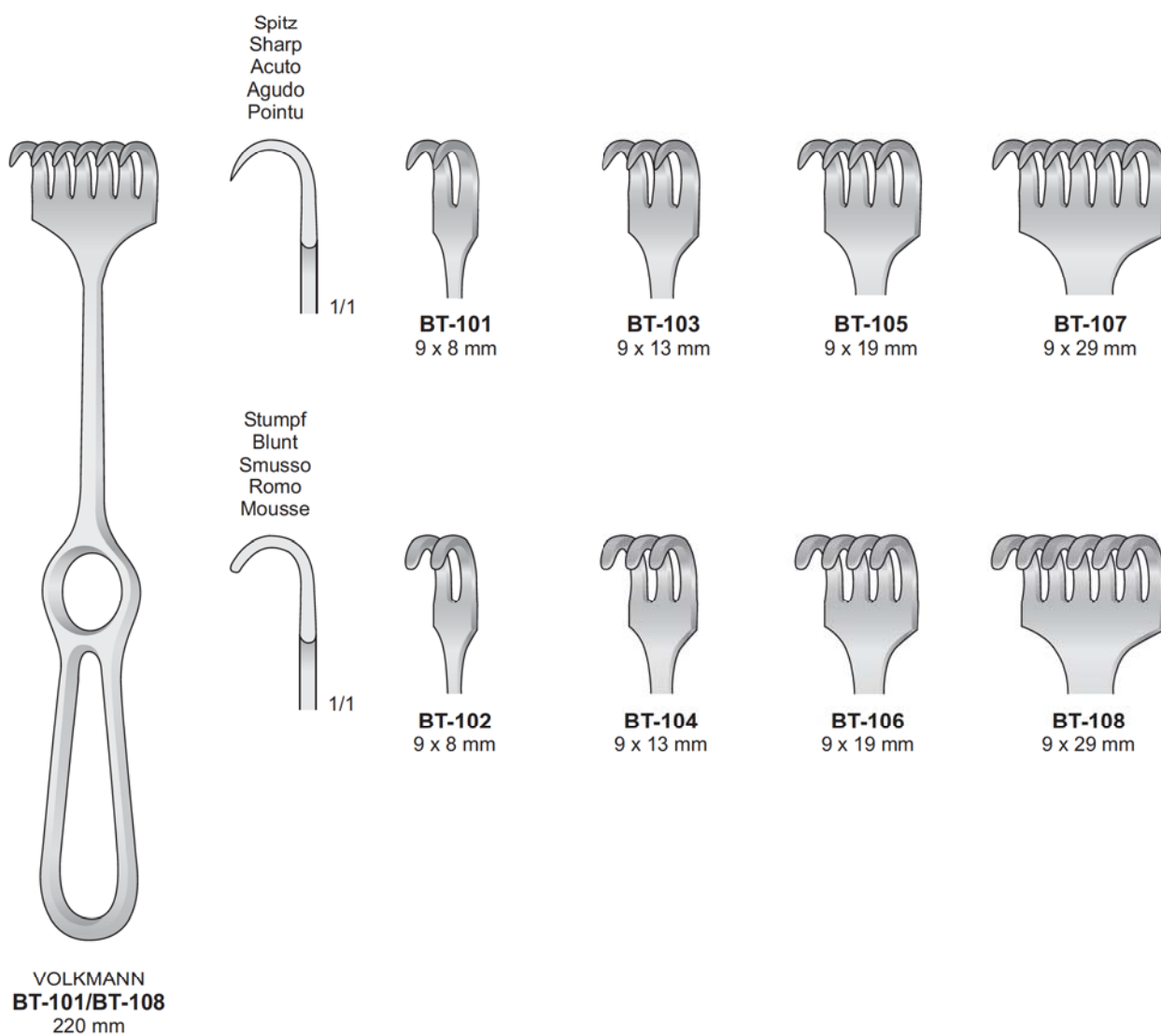
Wundhaken

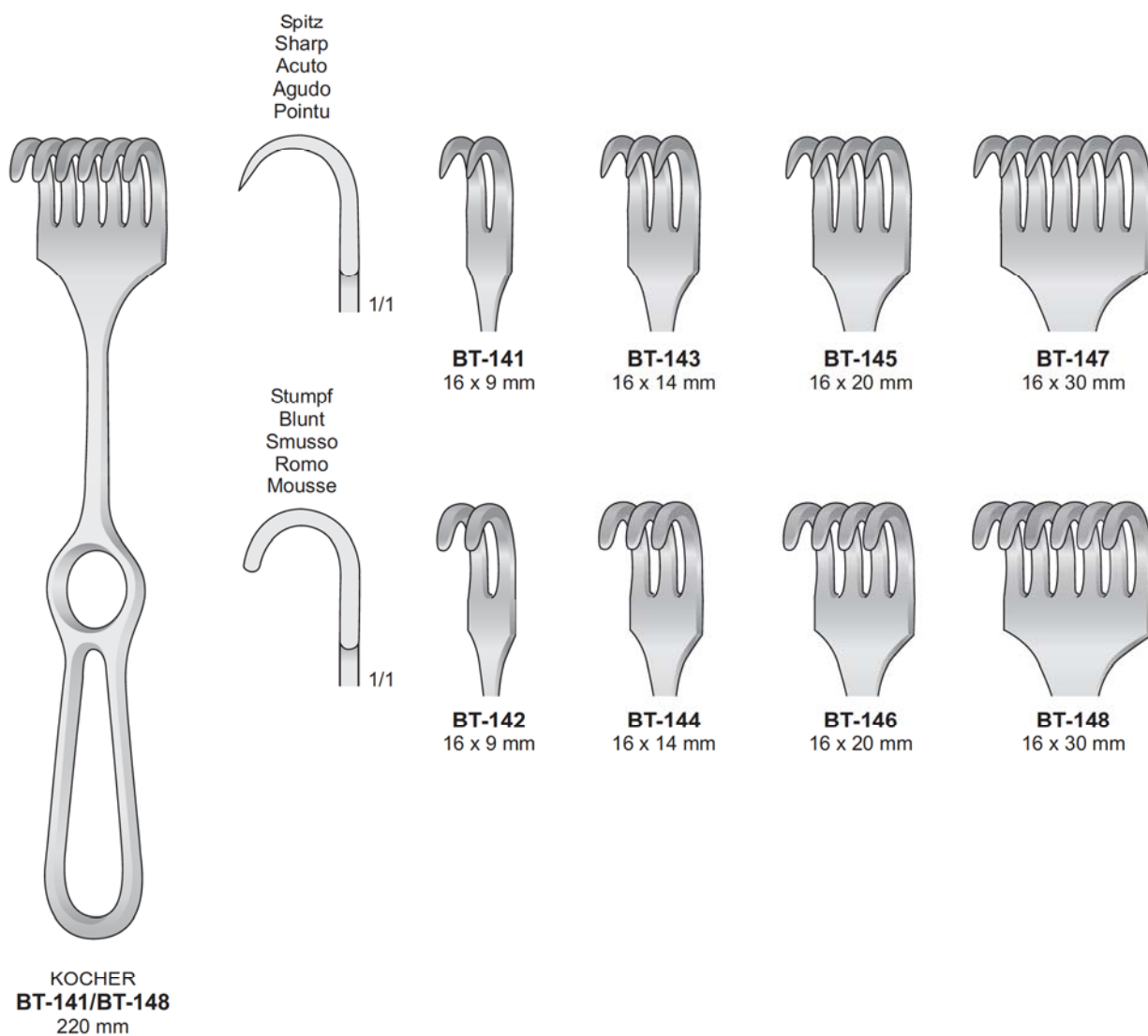
Retractors

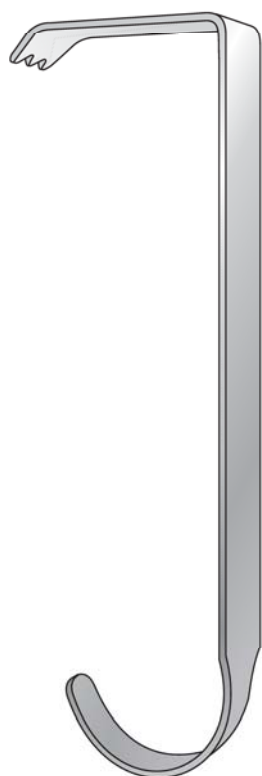
Divaricatori

Separadores

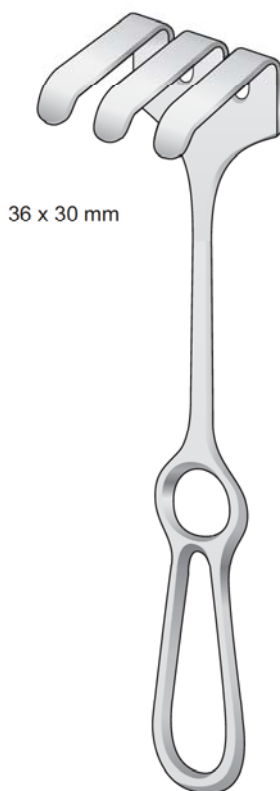
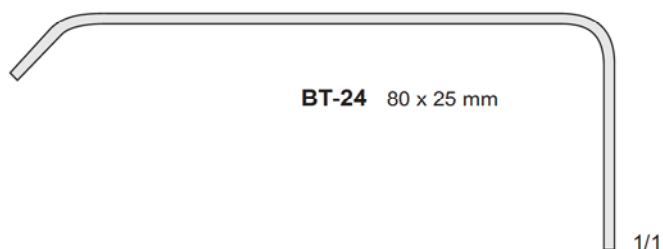
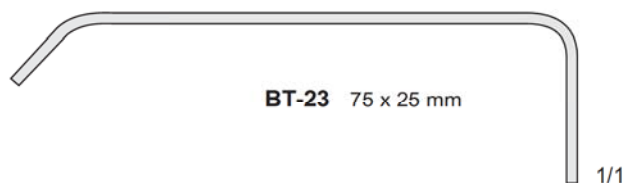
Ecarteurs



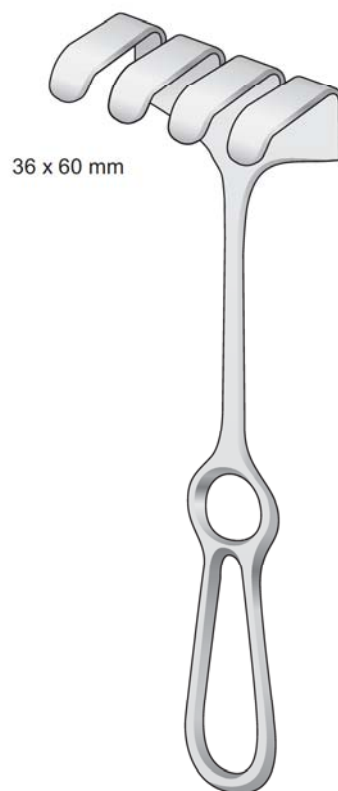
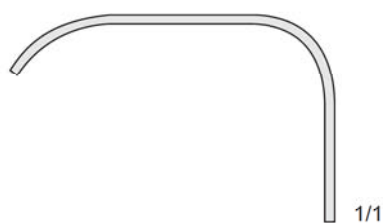




HIBBS
BT-23/BT-24
240 mm



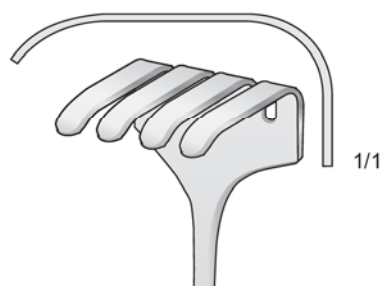
OLLIER
BT-124
225 mm



OLLIER
BT-125
225 mm

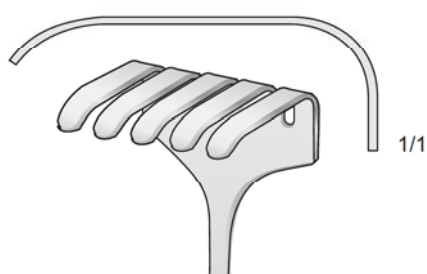


40 x 40 mm



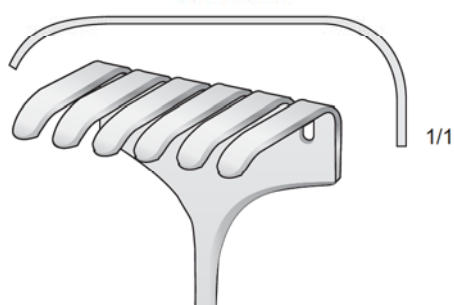
BT-120

45 x 50 mm



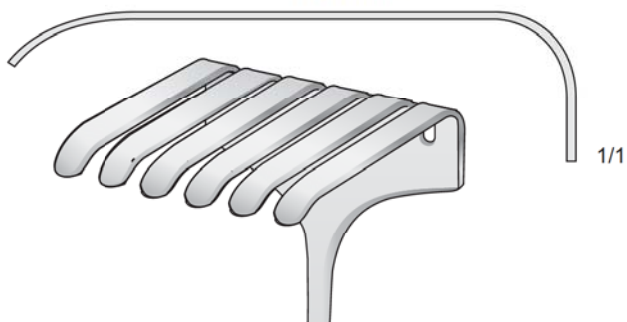
BT-121

50 x 60 mm

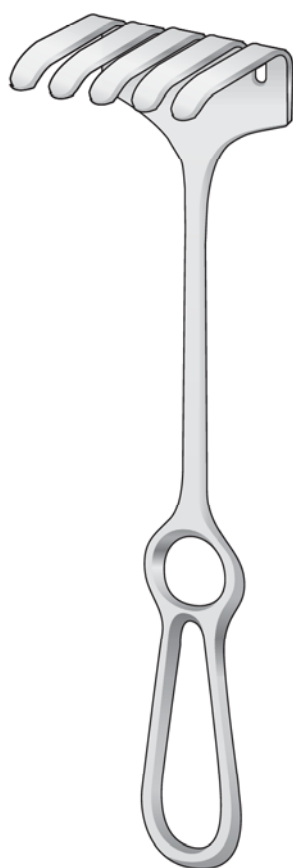


BT-122

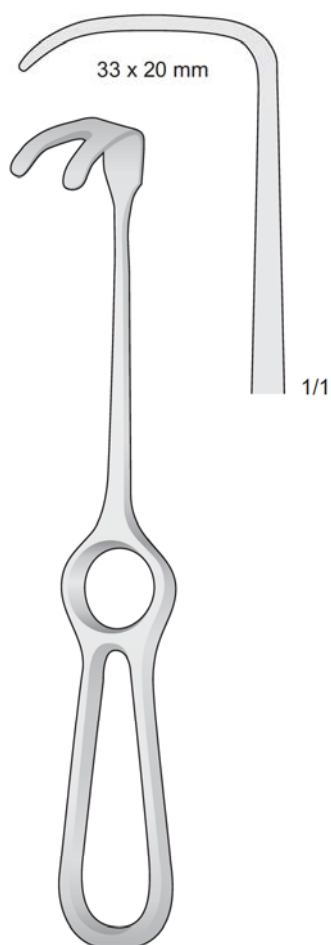
70 x 70 mm



BT-123



ISRAEL
BT-120/BT-123
250 mm



WASSMUND
BT-69
220 mm



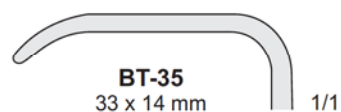
LANGENBECK
BT-33/BT-43
210 mm



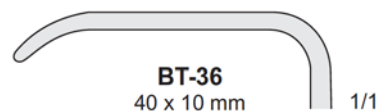
BT-33
28 x 10 mm



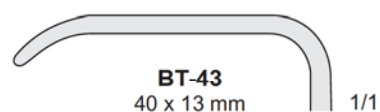
BT-34
30 x 14 mm



BT-35
33 x 14 mm



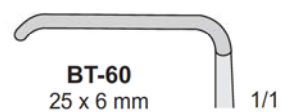
BT-36
40 x 10 mm



BT-43
40 x 13 mm

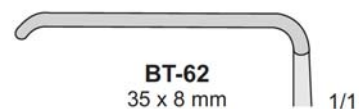


KOCHER-LANGENBECK
BT-60/BT-263
215 mm



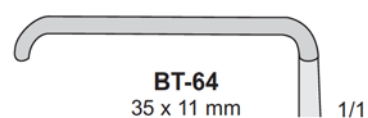
BT-60
25 x 6 mm

1/1



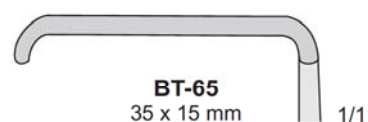
BT-62
35 x 8 mm

1/1



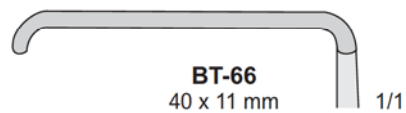
BT-64
35 x 11 mm

1/1



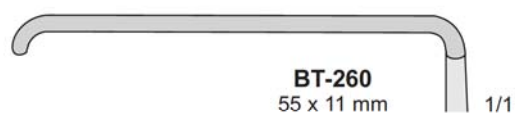
BT-65
35 x 15 mm

1/1



BT-66
40 x 11 mm

1/1



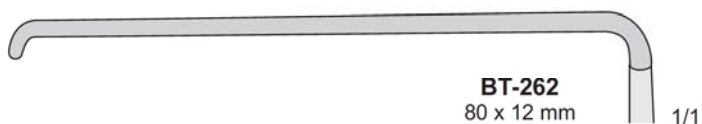
BT-260
55 x 11 mm

1/1



BT-261
70 x 14 mm

1/1



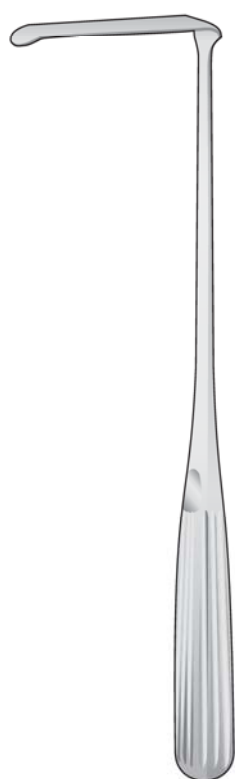
BT-262
80 x 12 mm

1/1

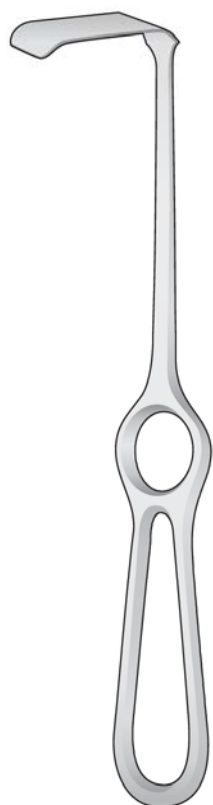


BT-263
80 x 16 mm

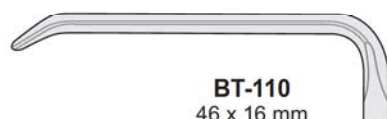
1/1



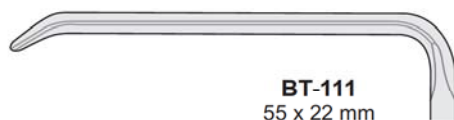
SAUERBRUCH
BT-110/BT-112
225 mm



KOCHER
BT-250/BT-254
230 mm



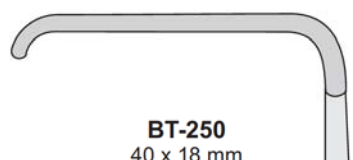
BT-110
46 x 16 mm 1/1



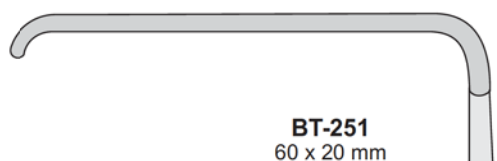
BT-111
55 x 22 mm 1/1



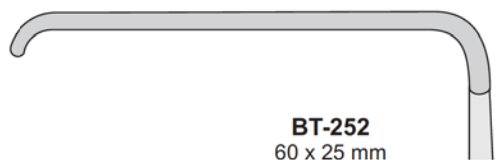
BT-112
72 x 19 mm 1/1



BT-250
40 x 18 mm 1/1



BT-251
60 x 20 mm 1/1



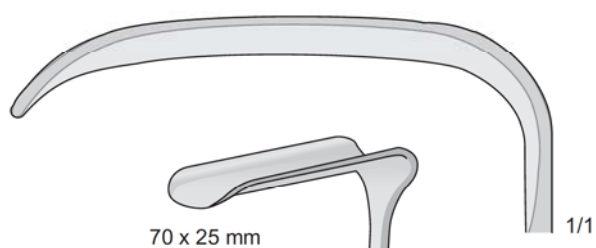
BT-252
60 x 25 mm 1/1



BT-253
75 x 30 mm 1/1



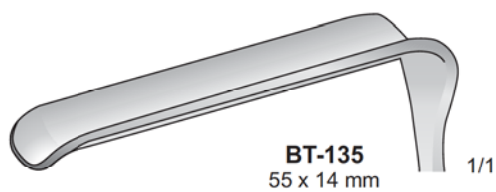
BT-254
75 x 40 mm 1/1



70 x 25 mm

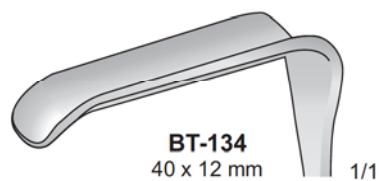
1/1

KOCHER
BT-137
240 mm



BT-135
55 x 14 mm

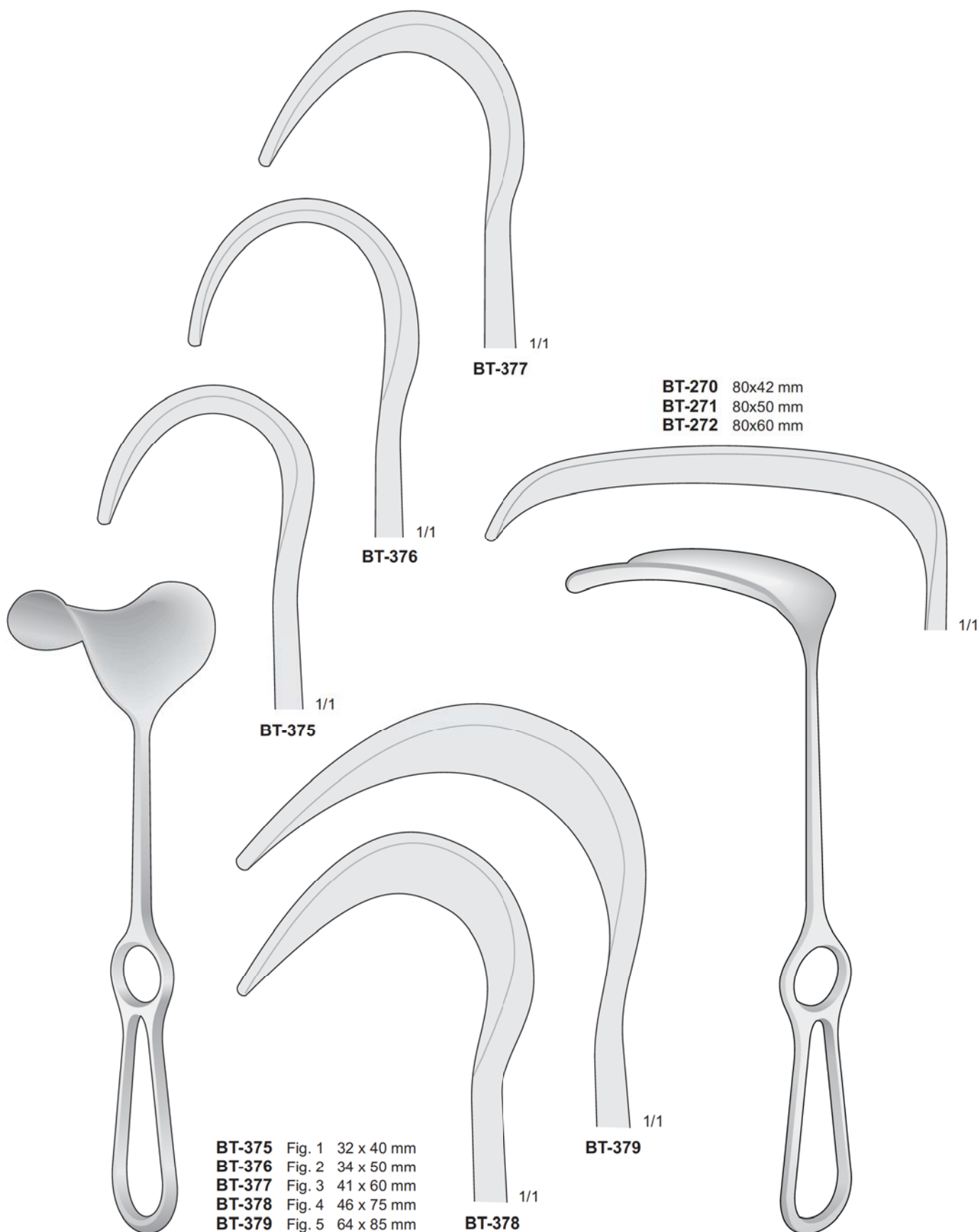
1/1



BT-134
40 x 12 mm

1/1

DOCKHORN
BT-134/BT-135
210 mm

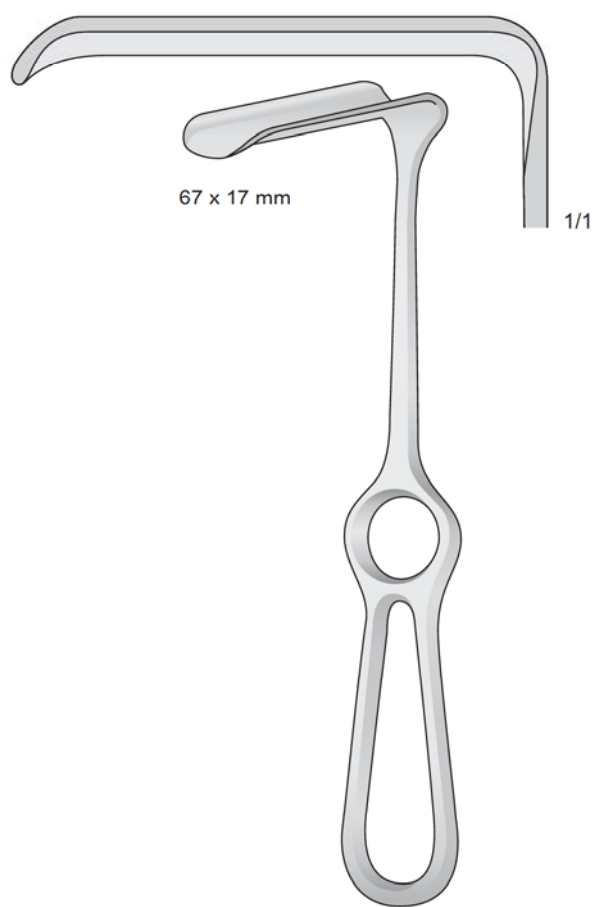


FRITSCH
BT-375/BT-379
240 mm

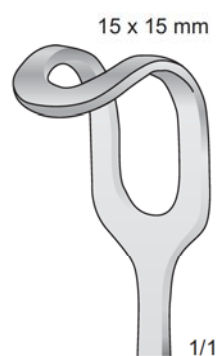
KOCHER
BT-270/BT-272
250 mm



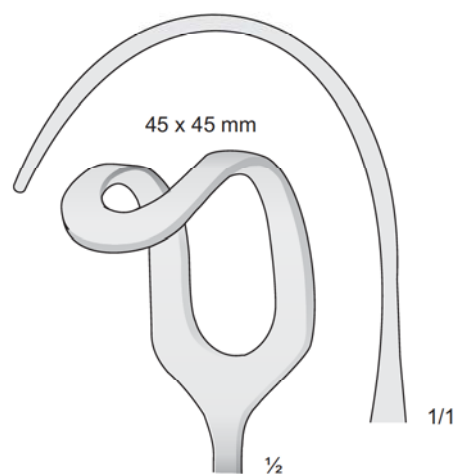
GREENE
BT-131
225 mm



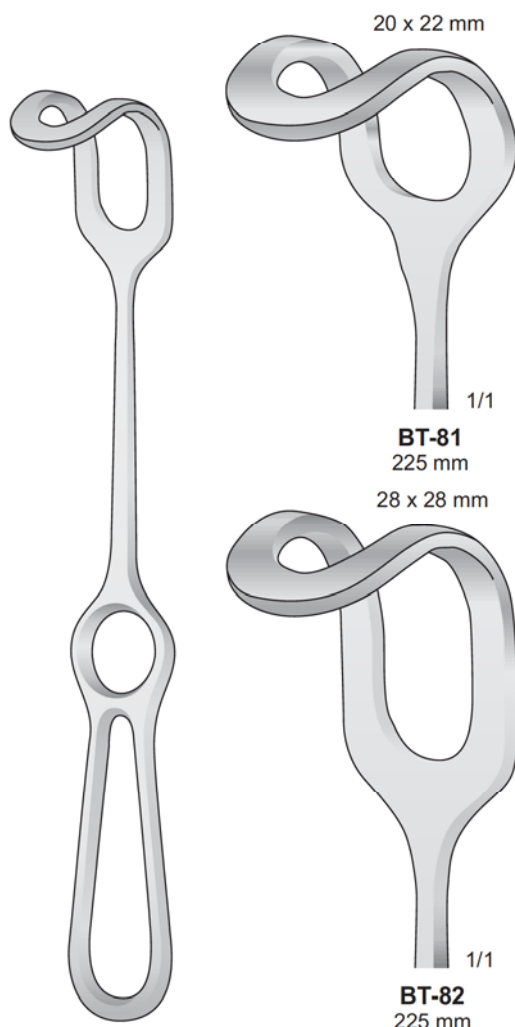
CASPAR
BT-136
210 mm



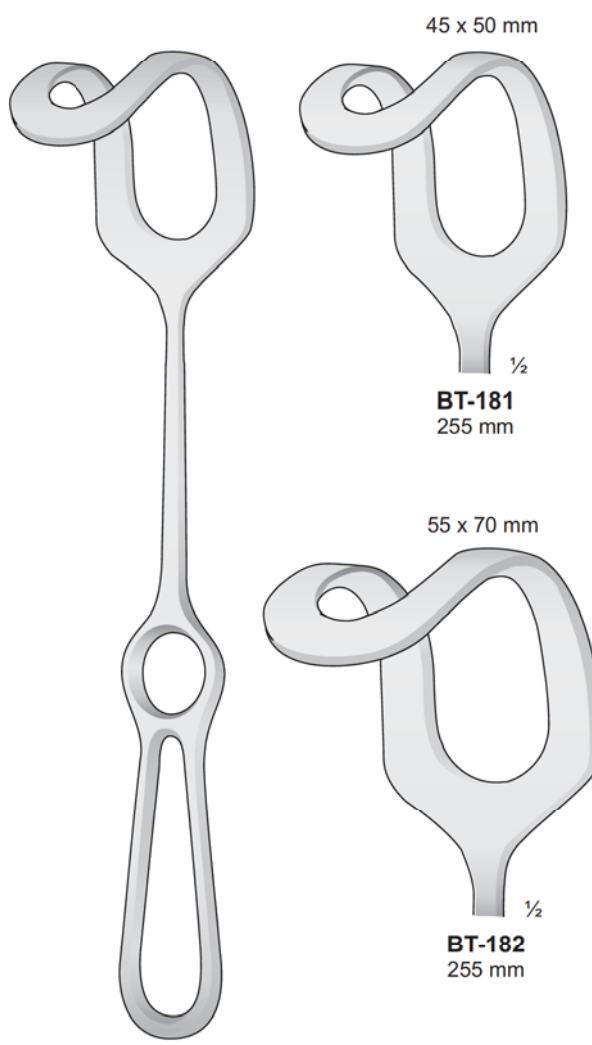
BT-80
225 mm



BT-180
255 mm



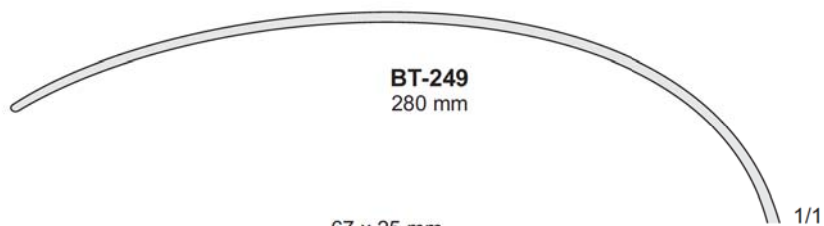
MIDDELDORPF
BT-80/BT-82
225 mm



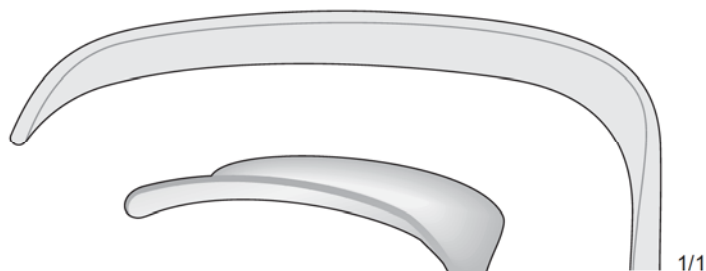
MIDDELDORPF
BT-180/BT-182
255 mm



100 x 35 mm

**BT-249**
280 mm

67 x 25 mm

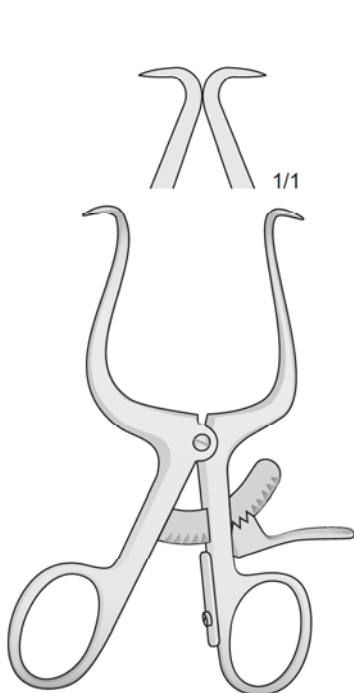
**BT-248**
280 mm**BT-270** 80x42 mm
BT-271 80x50 mm
BT-272 80x60 mm

22 x 15 mm

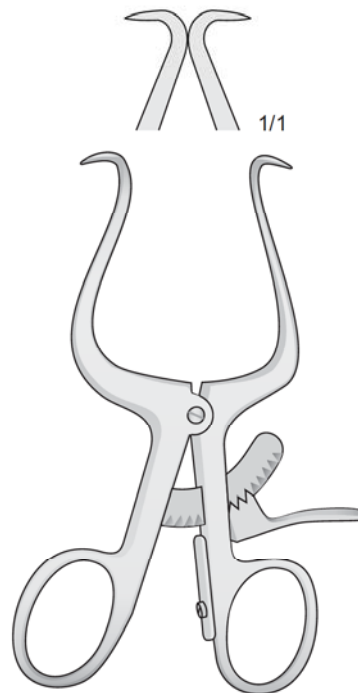
**BT-246**
280 mm

38 x 20 mm

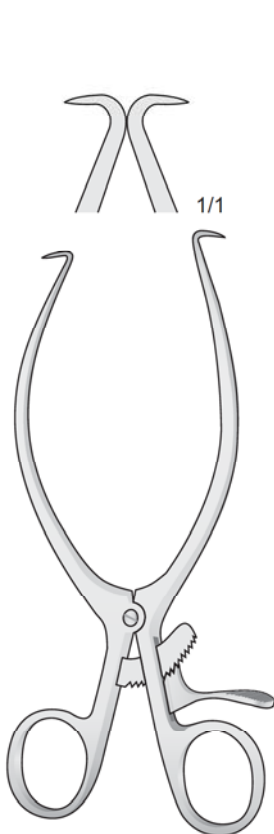
**BT-247**
280 mmKOCHER
BT-246/BT-249
280 mmKOCHER
BT-270/BT-272
250 mm



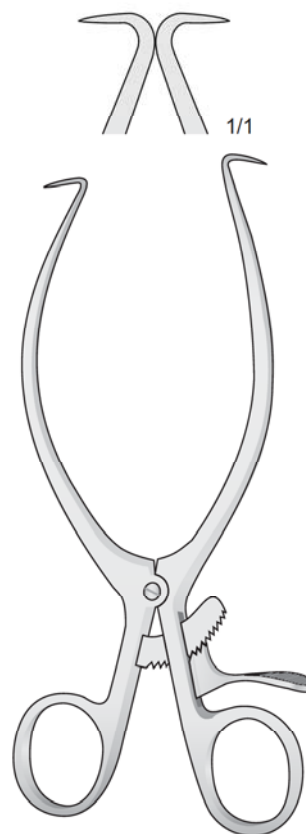
GELPI
BV-14
90 mm



GELPI
BV-15
110 mm



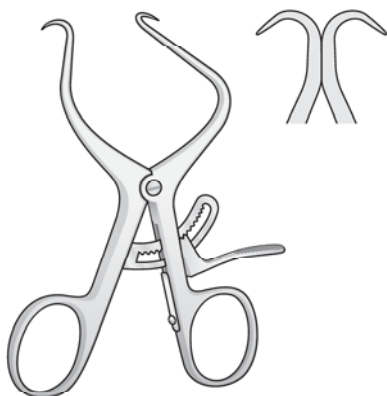
GELPI
BV-16
140 mm



GELPI
BV-17
180 mm

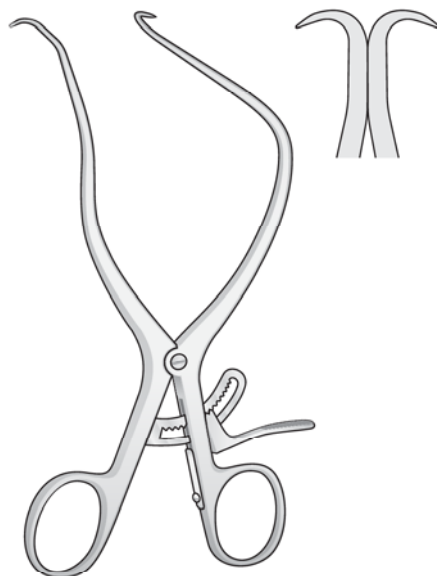


Femur-Wundspreizer für kinder
Femur Retractor for children
Divaricatore femorale per bambini



DE BAKEY
BV-315
100 mm

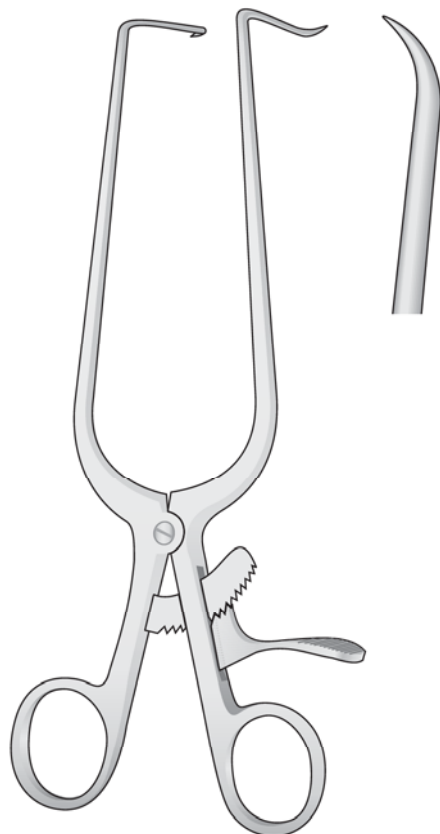
Femur-Wundspreizer
Femur Retractor
Divaricatore femorale



DE BAKEY
BV-316
170 mm

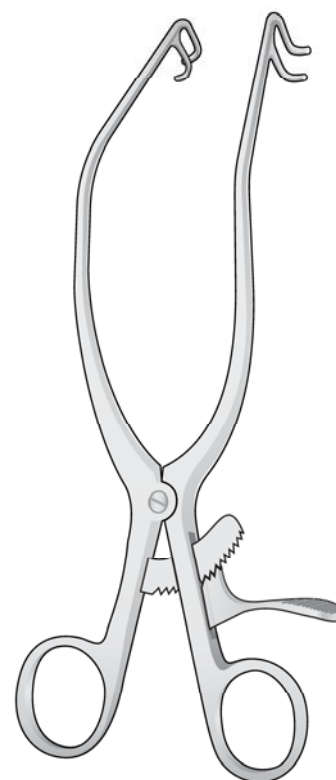
Wundspreizer
Retractors for shoulder
Divaricatori da spalla
Separadores
Ecarteurs

Stumpf - Blunt
Smusso - Romo
Mousse

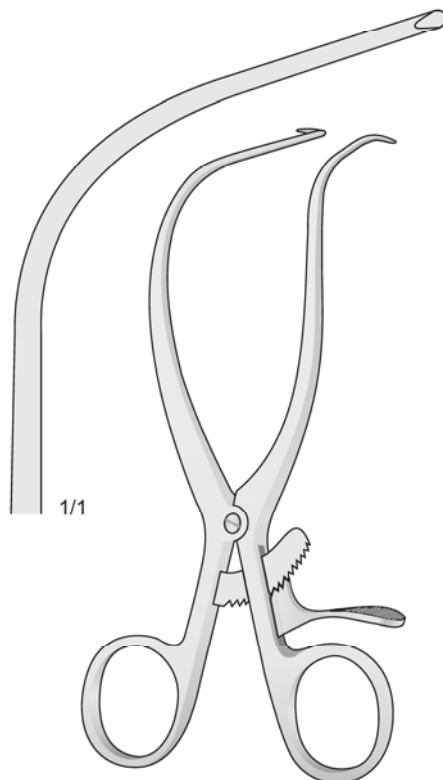


BV-100
215 mm

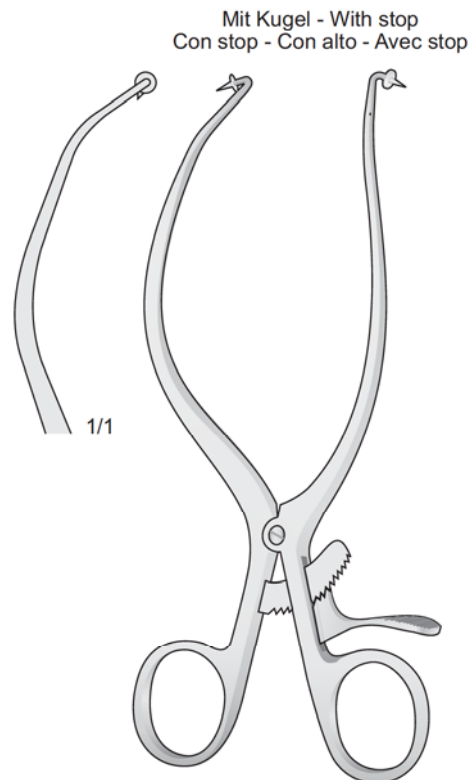
Stumpf - Blunt
Smusso - Romo
Mousse



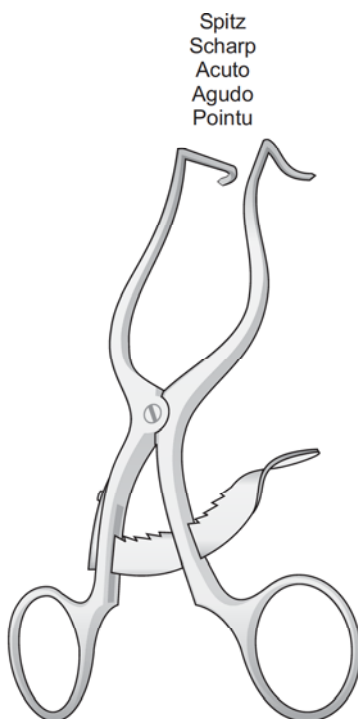
KÖLBEL
BV-103
180 mm



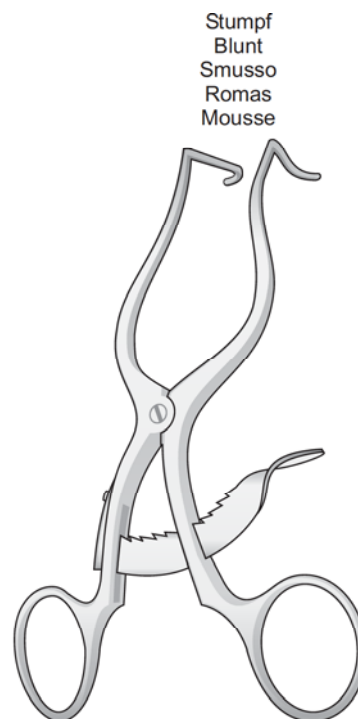
GELPI-SELETZ
BV-11
165 mm



GELPI-LOKTITE
BV-13
190 mm



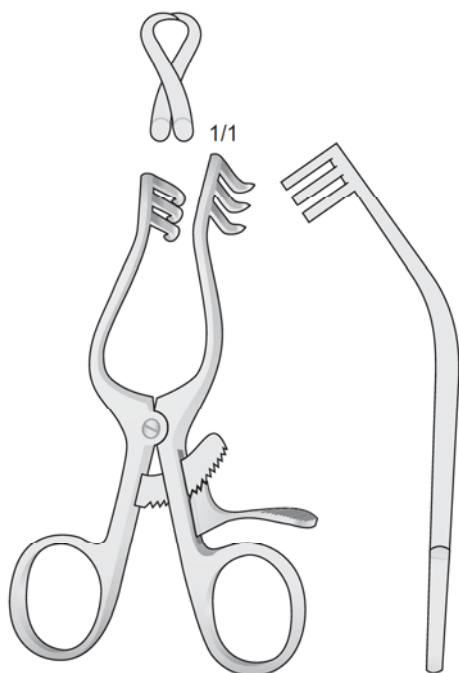
CLOWARD-CONTOUR
BV-108
140 mm



CLOWARD-CONTOUR
BV-109
140 mm

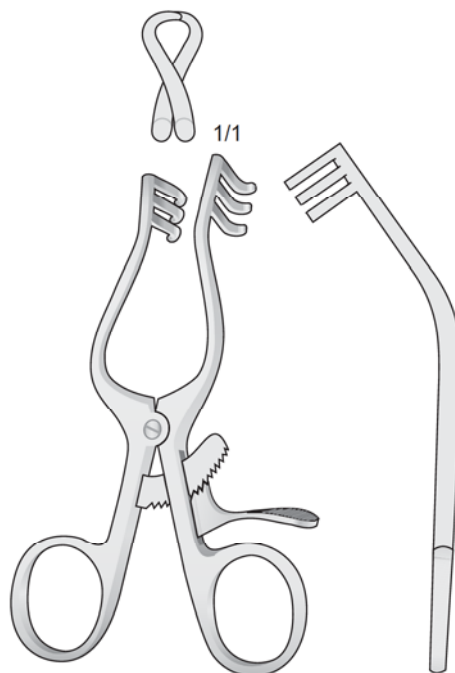


Spitz
Scharp
Acuto
Agudo
Pointu



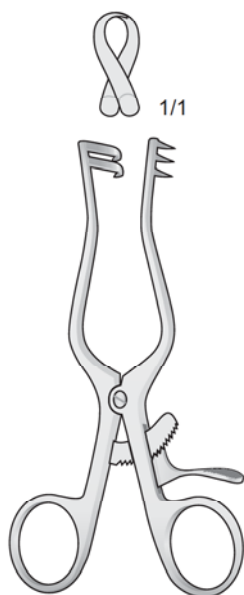
WULLSTEIN
BV-111
105 mm

Stumpf
Blunt
Smusso
Romas
Mousse



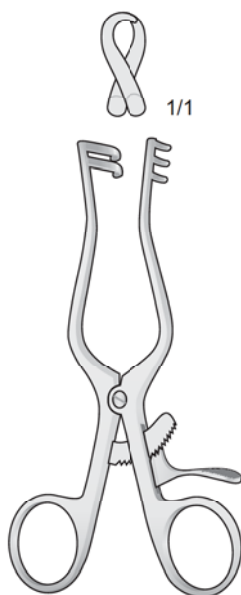
WULLSTEIN
BV-112
105 mm

Spitz
Scharp
Acuto
Agudo
Pointu

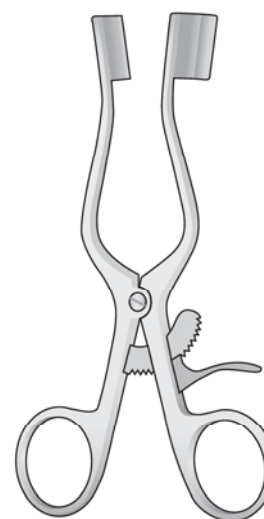
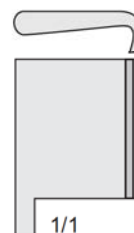


WEITLANER
BV-07
110 mm

Stumpf
Blunt
Smusso
Romas
Mousse



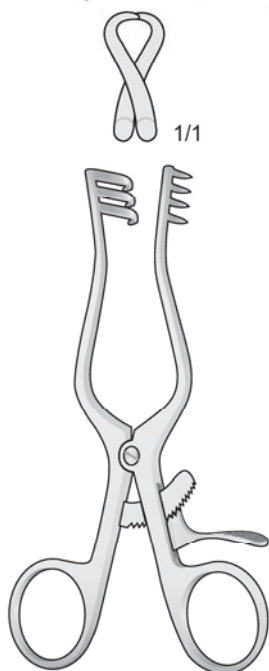
WEITLANER
BV-09
110 mm



BABY-WEITLANER
BV-26
140 mm

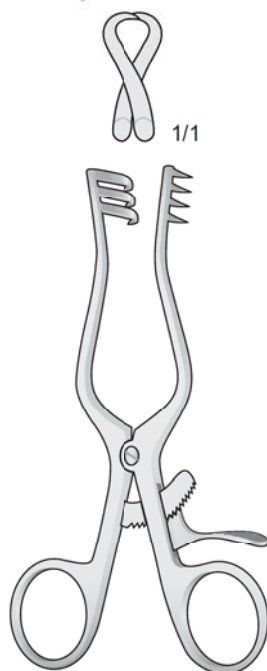


Halbscharf - Semi Sharp - Semi acuto
Semi Agudas - Semi Pointu



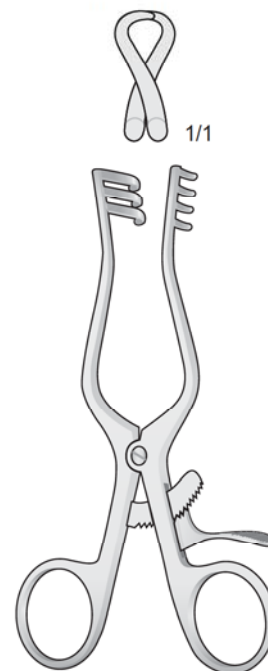
WEITLANER
BV-18
135 mm

Spitz - Sharp - Acuto
Agudas - Pointu



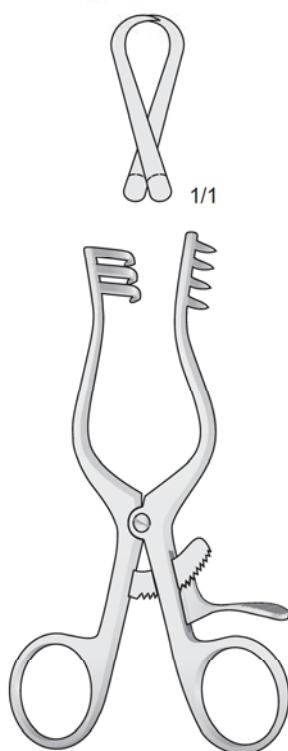
WEITLANER
BV-20
135 mm

Stumpf - Blunt - Smusso
Romas - Mousse



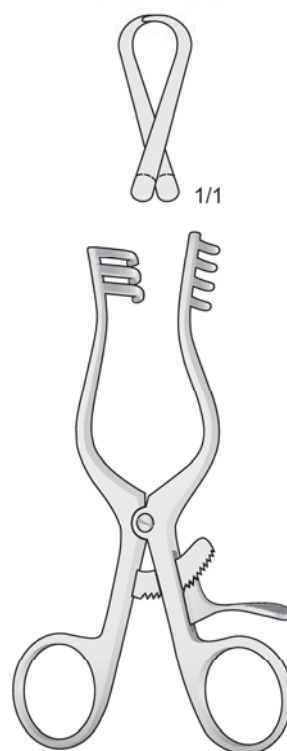
WEITLANER
BV-22
135 mm

Spitz - Sharp - Acuto
Agudas - Pointu



WEITLANER
BV-55
135 mm

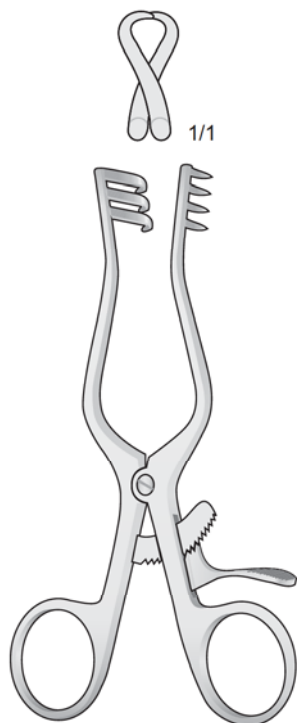
Stumpf - Blunt - Smusso
Romas - Mousse



WEITLANER
BV-56
135 mm

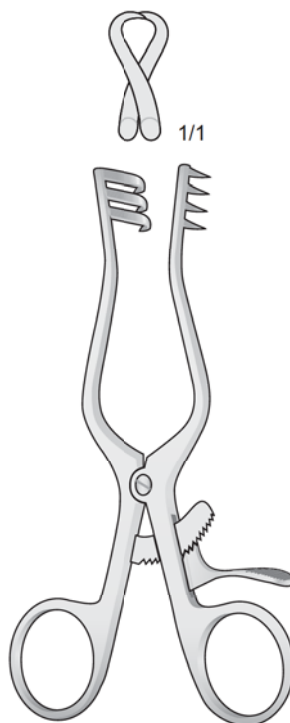


Halbscharf - Semi Sharp - Semi acuto
Semi Agudas - Semi Pointu



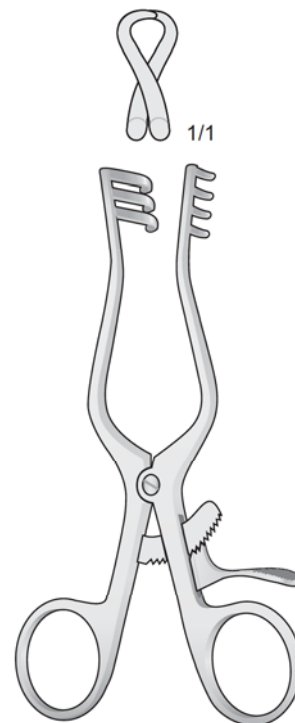
WEITLANER
BV-19
165 mm

Spitz - Sharp - Acuto
Agudas - Pointu



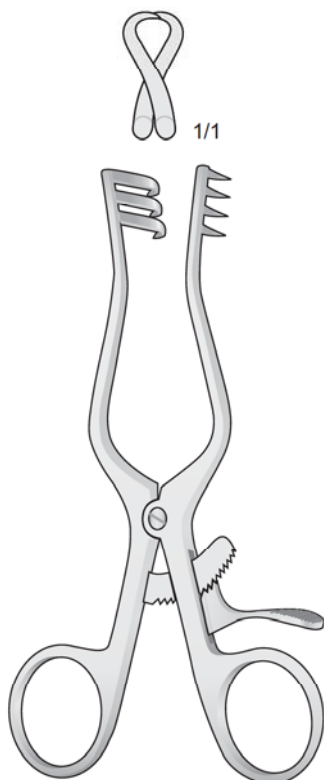
WEITLANER
BV-21
165 mm

Stumpf - Blunt - Smusso
Romas - Mousse



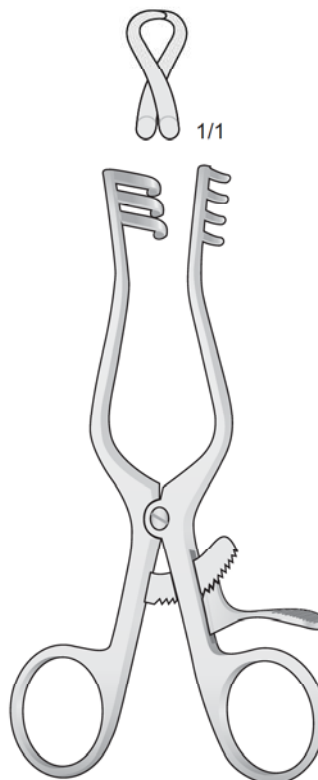
WEITLANER
BV-23
165 mm

Spitz - Sharp - Acuto
Agudas - Pointu



WEITLANER
BV-24
200 mm

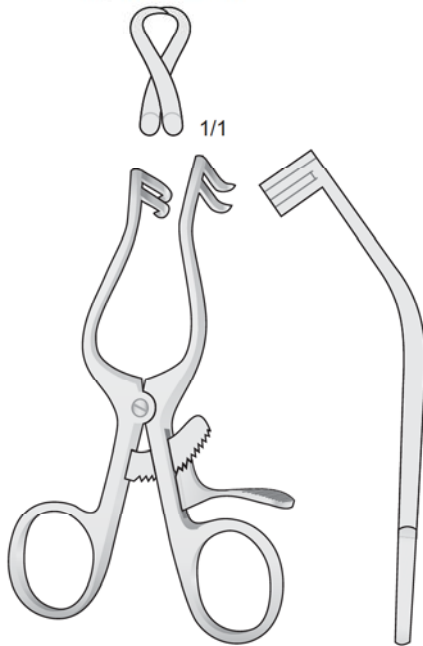
Stumpf - Blunt - Smusso
Romas - Mousse



WEITLANER
BV-25
200 mm

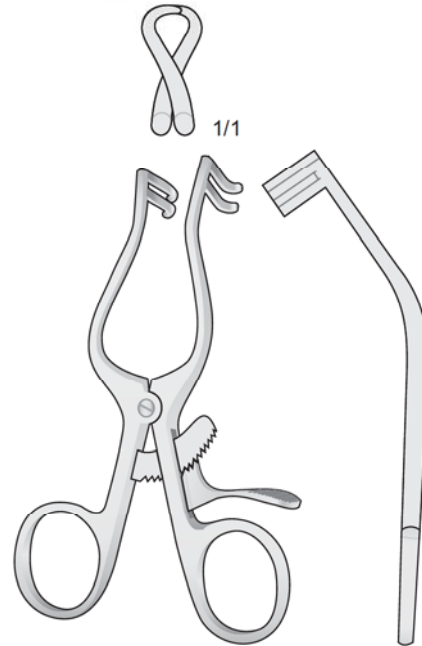


Spitz - Sharp - Acuto
Agudas - Pointu



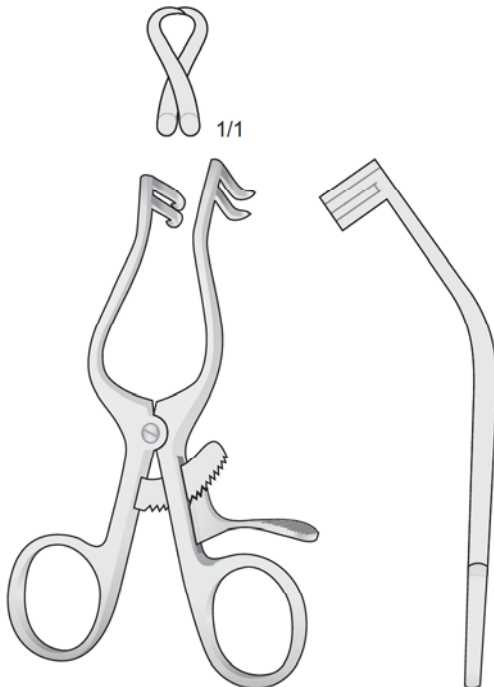
PLESTER
BV-90
110 mm

Stumpf - Blunt - Smusso
Romas - Mousse



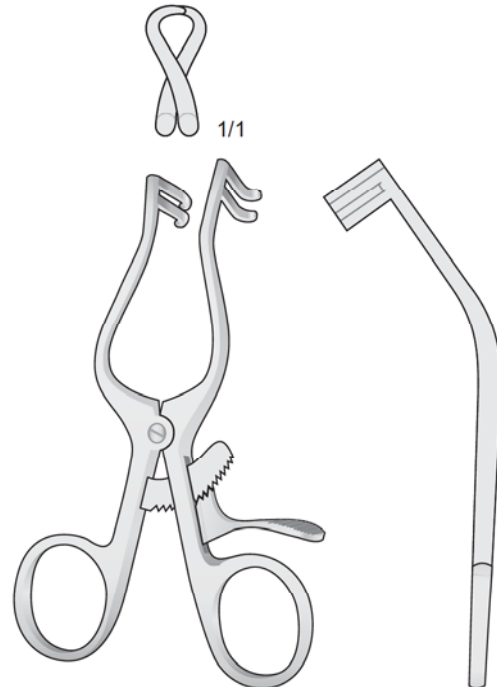
PLESTER
BV-91
110 mm

Spitz - Sharp - Acuto
Agudas - Pointu

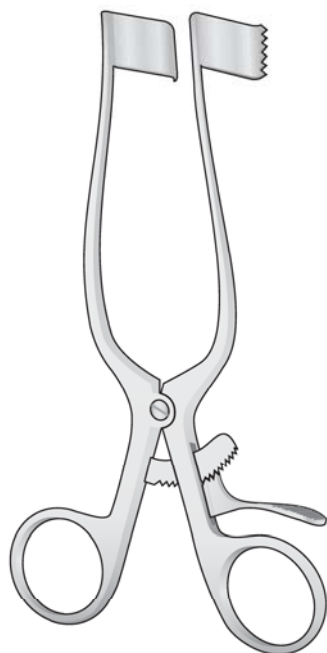


PLESTER
BV-92
135 mm

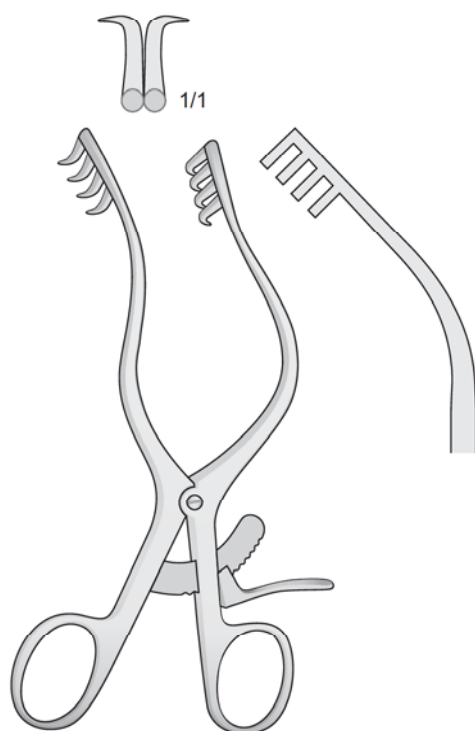
Stumpf - Blunt - Smusso
Romas - Mousse



PLESTER
BV-93
135 mm

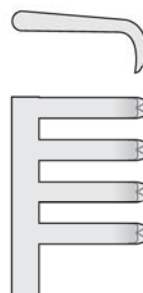


MEYERDING
BV-76 - 32 x 25 mm
BV-77 - 60 x 25 mm
BV-78 - 54 x 25 mm
BV-79 - 60 x 20 mm
180 mm



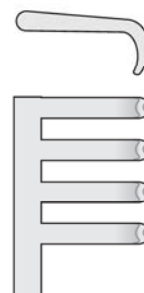
MOLLISON
BV-110
160 mm

Spitz - Sharp - Acuto
Agudas - Pointu

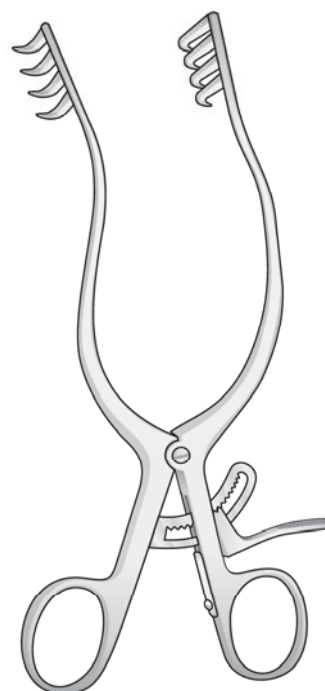


BV-117

Stumpf - Blunt - Smusso
Romas - Mousse



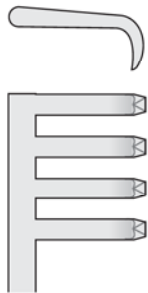
BV-118



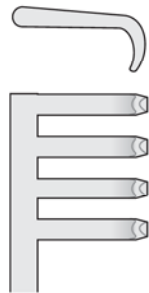
ANDERSON-ADSON
BV-117/BV-118
200 mm



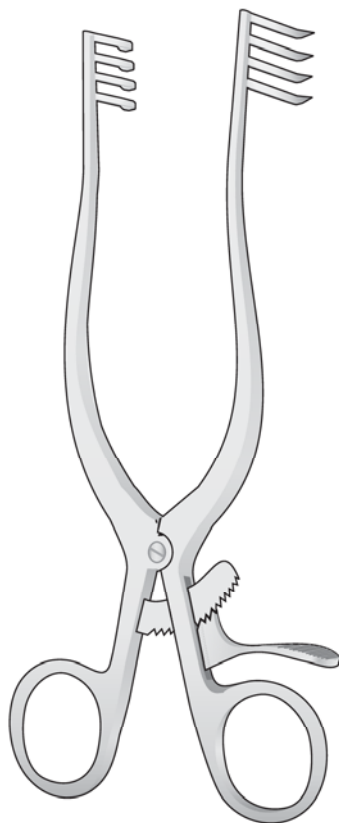
Spitz - Sharp - Acuto
Agudas - Pointu

**BV-119**

Stumpf - Blunt - Smusso
Romas - Mousse

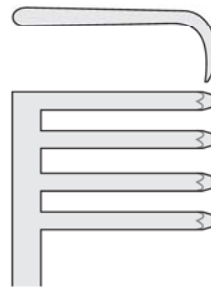
**BV-120**

4 x 4 Zähne
4 x 4 Teeth
4 x 4 Denti
4 x 4 Dientes
4 x 4 Dents

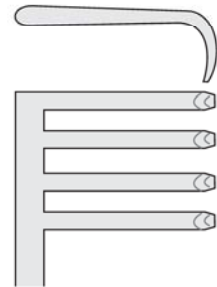


ADSON
BV-119/BV-120
200 mm

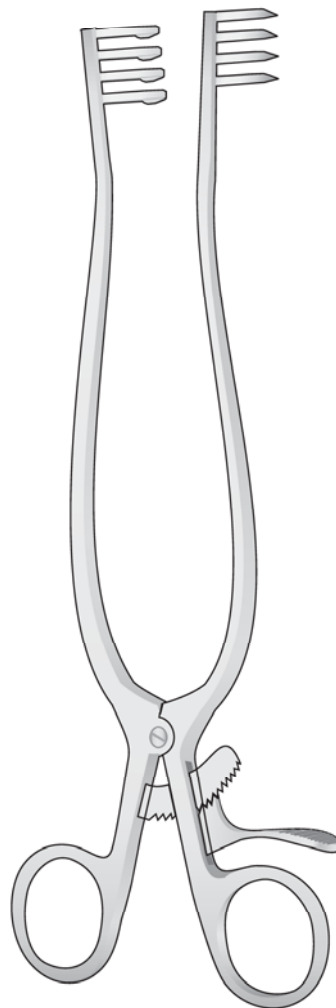
Spitz - Sharp - Acuto
Agudas - Pointu

**BV-27**

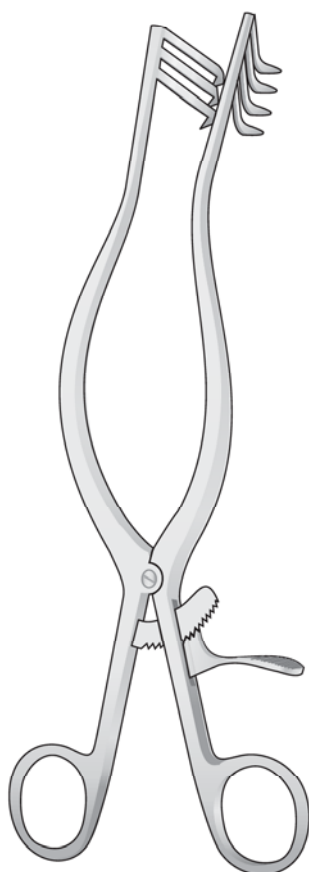
Stumpf - Blunt - Smusso
Romas - Mousse

**BV-28**

4 x 4 Zähne
4 x 4 Teeth
4 x 4 Denti
4 x 4 Dientes
4 x 4 Dents

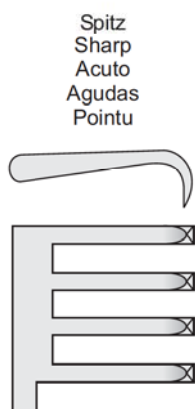


WEITLANER
BV-27/BV-28
250 mm

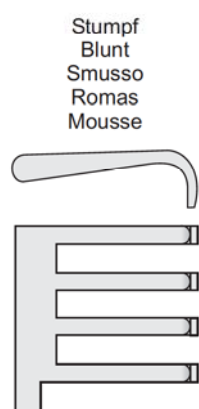


ADSON
BV-190/BV-193
265 mm

3 x 4 Zähne
3 x 4 Teeth
3 x 4 Denti
3 x 4 Dientes
3 x 4 Dents

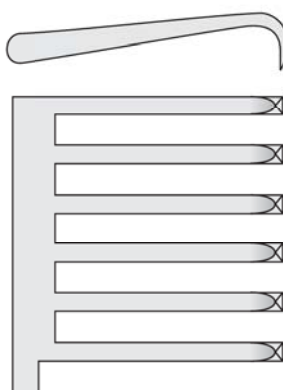


BV-190

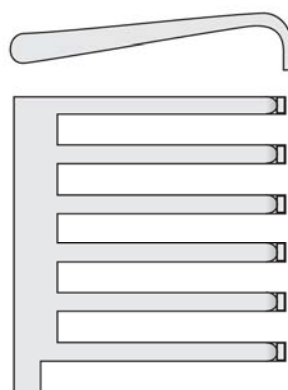


BV-191

6 x 6 Zähne
6 x 6 Teeth
6 x 6 Denti
6 x 6 Dientes
6 x 6 Dents



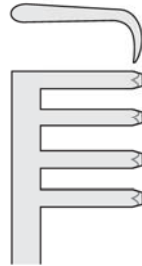
BV-192



BV-193



Spitz
Scharp
Acuto
Agudo
Pointu



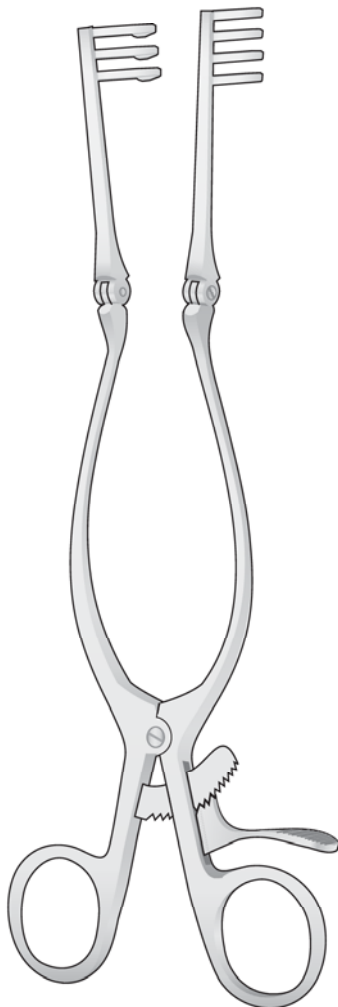
BV-68
140 mm

Stumpf
Blunt
Smusso
Romas
Mousse

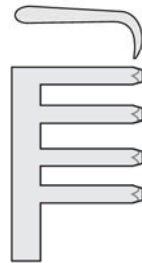


BV-70
140 mm

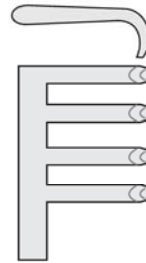
3 x 4 Zähne
3 x 4 Teeth
3 x 4 Denti
3 x 4 Dientes
3 x 4 Dents



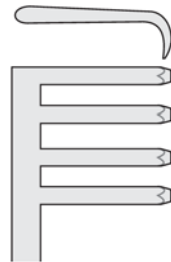
ADSON
BV-68/BV-75



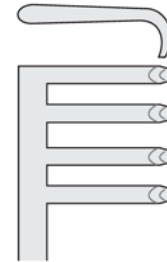
BV-69
165 mm



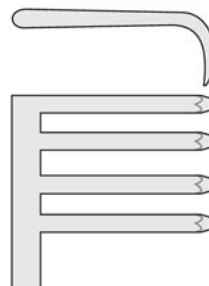
BV-71
165 mm



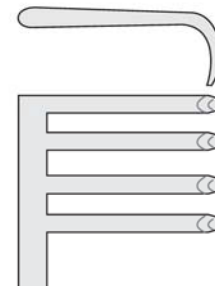
BV-72
200 mm



BV-73
200 mm



BV-74
250 mm



BV-75
250 mm



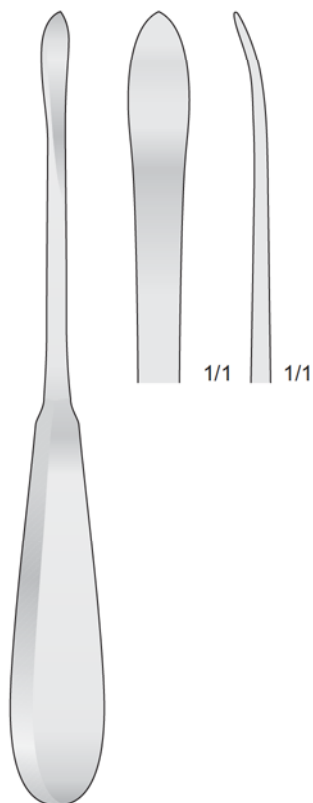
Elevatorii

Elevators

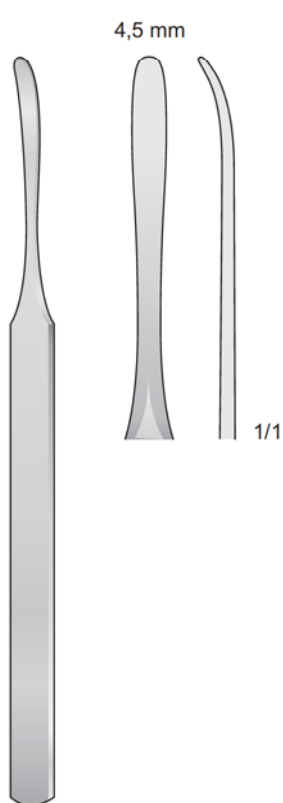
Elevatori

Elevadores

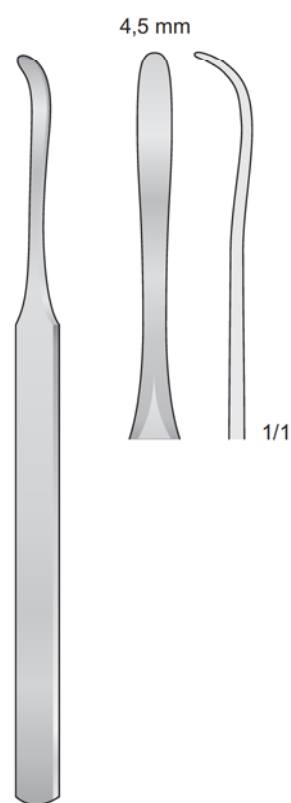
Elevateurs



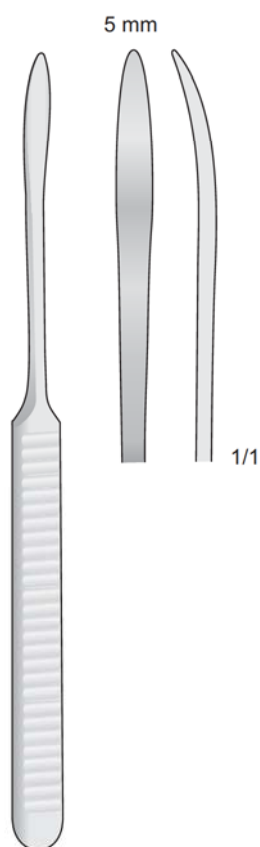
LANGENBECK
FK-12
200 mm



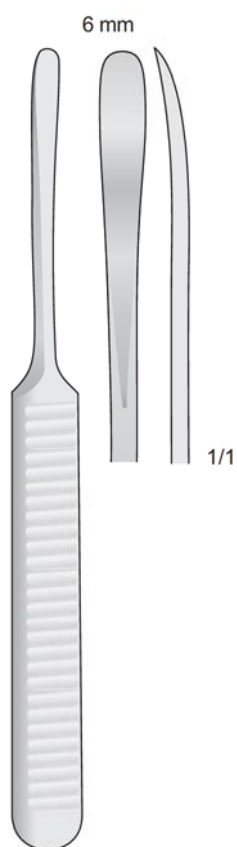
KÖNIG
KO-1
155 mm



KÖNIG
KO-2
155 mm

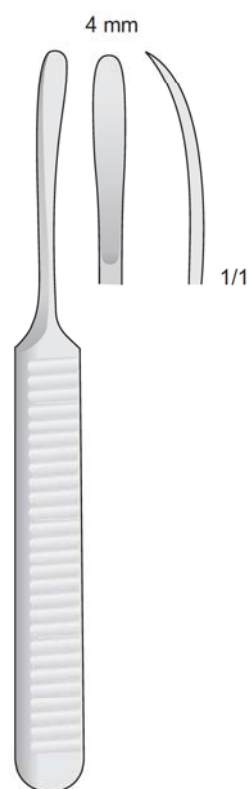


WILLIGER
WG-10
165 mm



WILLIGER
WG-12
160 mm

Raspatorii
Periosteal Raspatories
Periostotomi
Legras periostotomos
Rugines à périostomie



WILLIGER
WG-14
140 mm



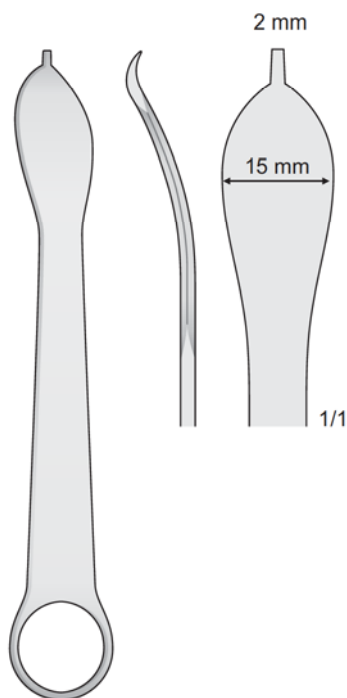
Elevatorii

Elevators

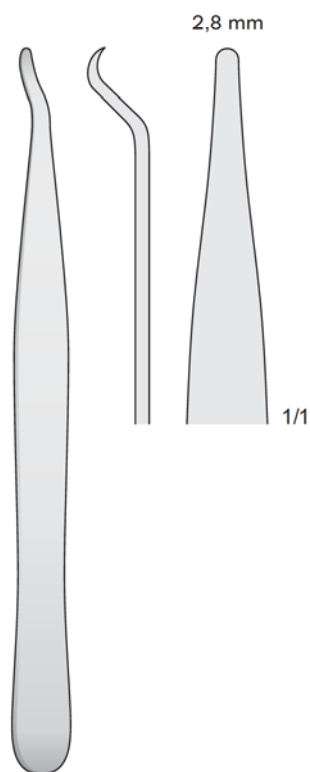
Elevatori

Elevadores

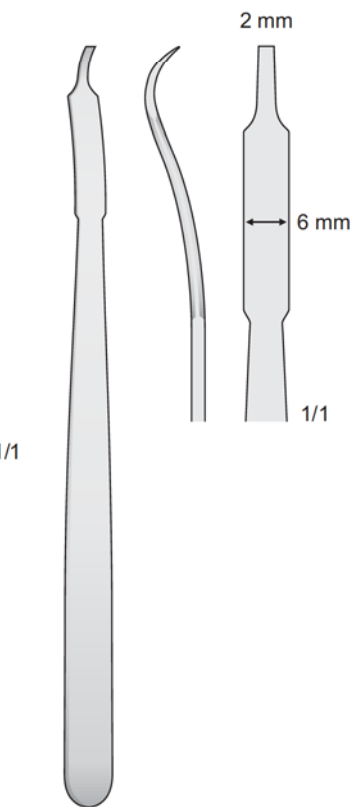
Elevateurs



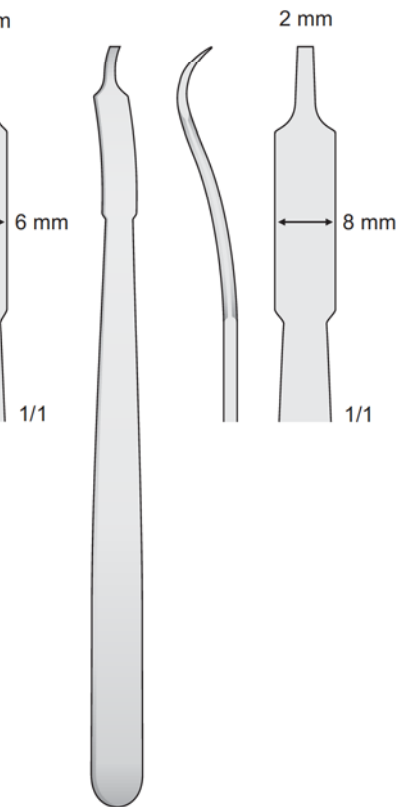
FK-45
120 mm



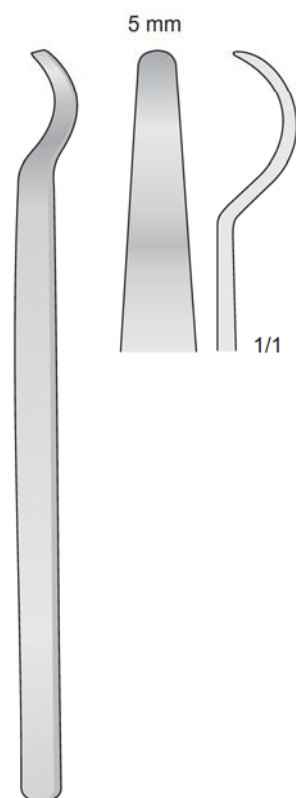
FK-46
140 mm



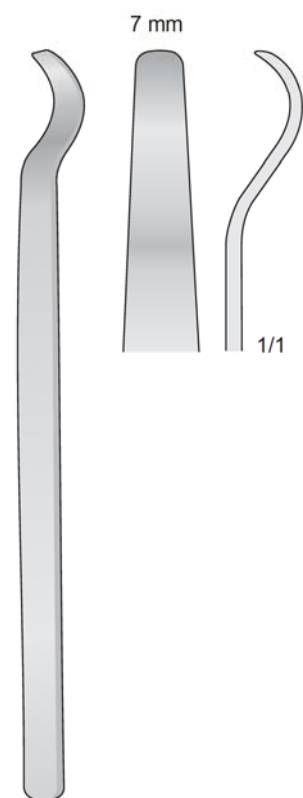
MINI-HOHMANN
FK-48
160 mm



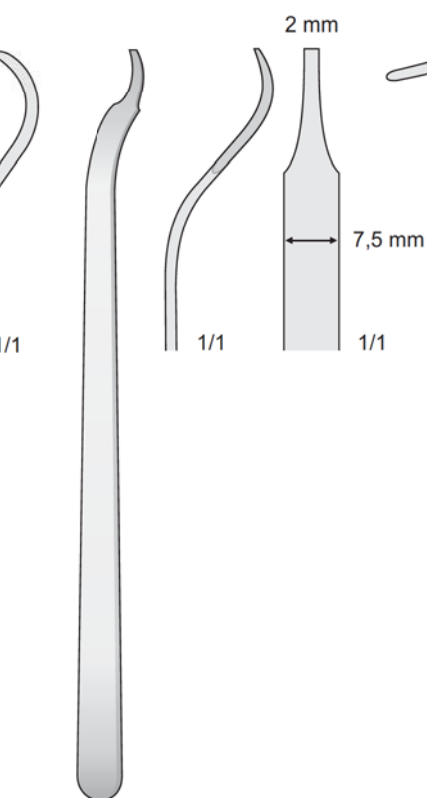
MINI-HOHMANN
FK-49
160 mm



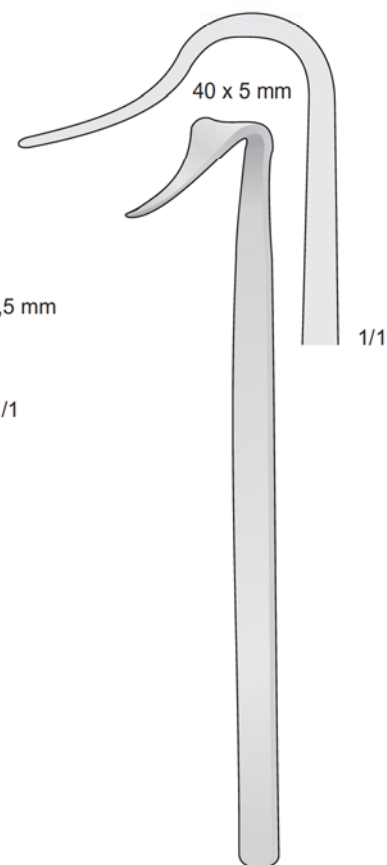
FK-30
150 mm



FK-28
150 mm



BUCK-GRAMCKO
FK-20
150 mm



BLOUNT
FK-27
175 mm



CHANDLER
FK-117/FK-128

A= 13,0 mm



FK-117
190 mm

1/1

A= 20,0 mm



FK-118
200 mm

1/1

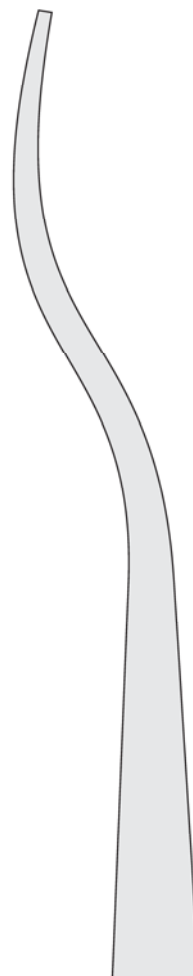
A= 25,5 mm



FK-127
230 mm

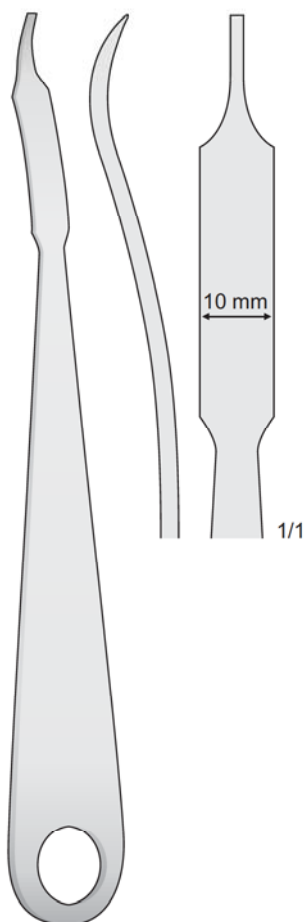
1/1

A= 31,5 mm

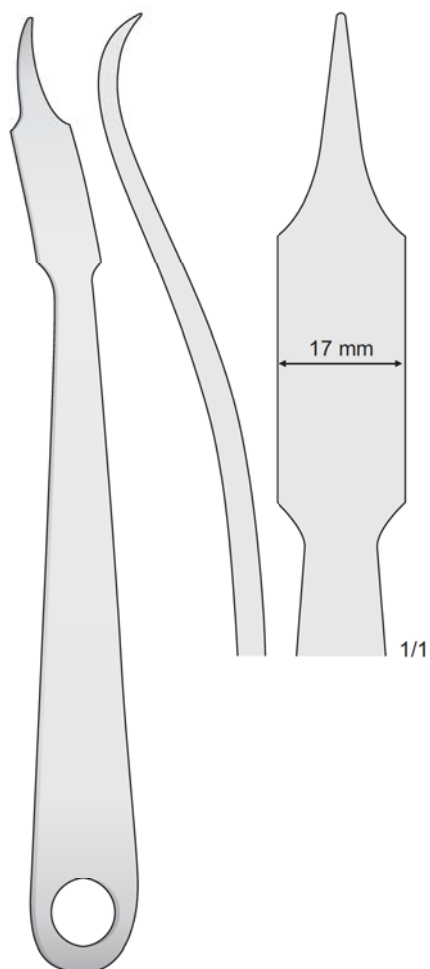


FK-128
255 mm

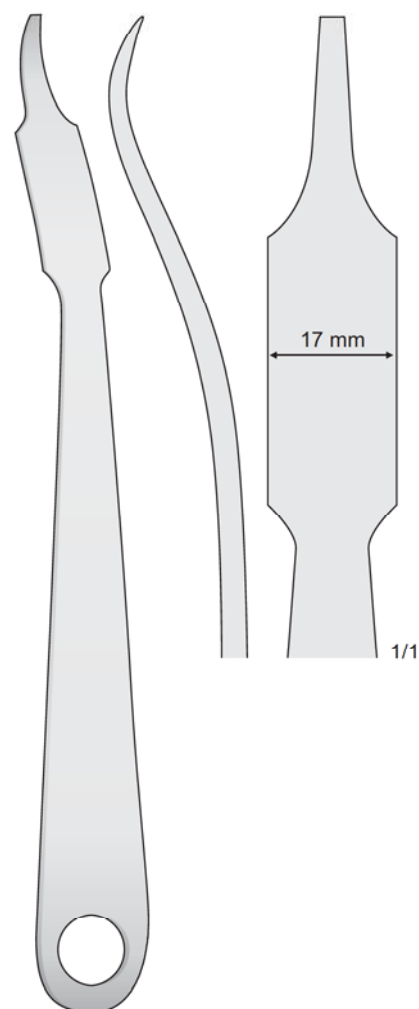
1/1



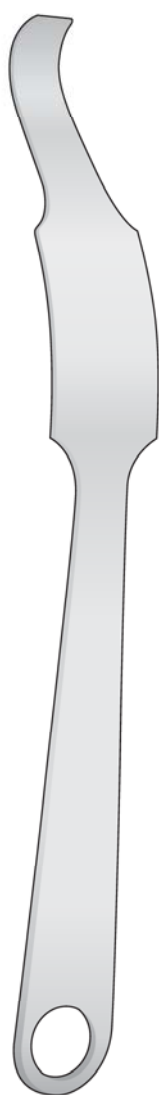
FK-51
220 mm



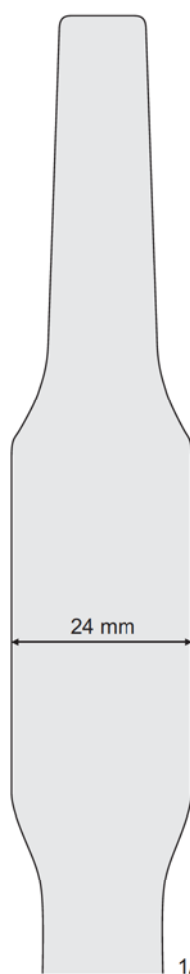
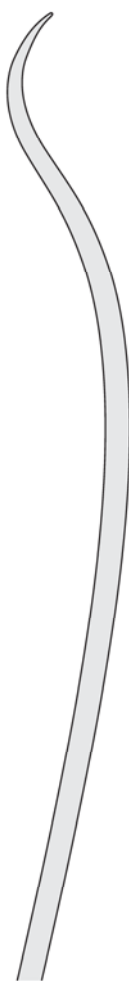
FK-52
240 mm



FK-53
240 mm



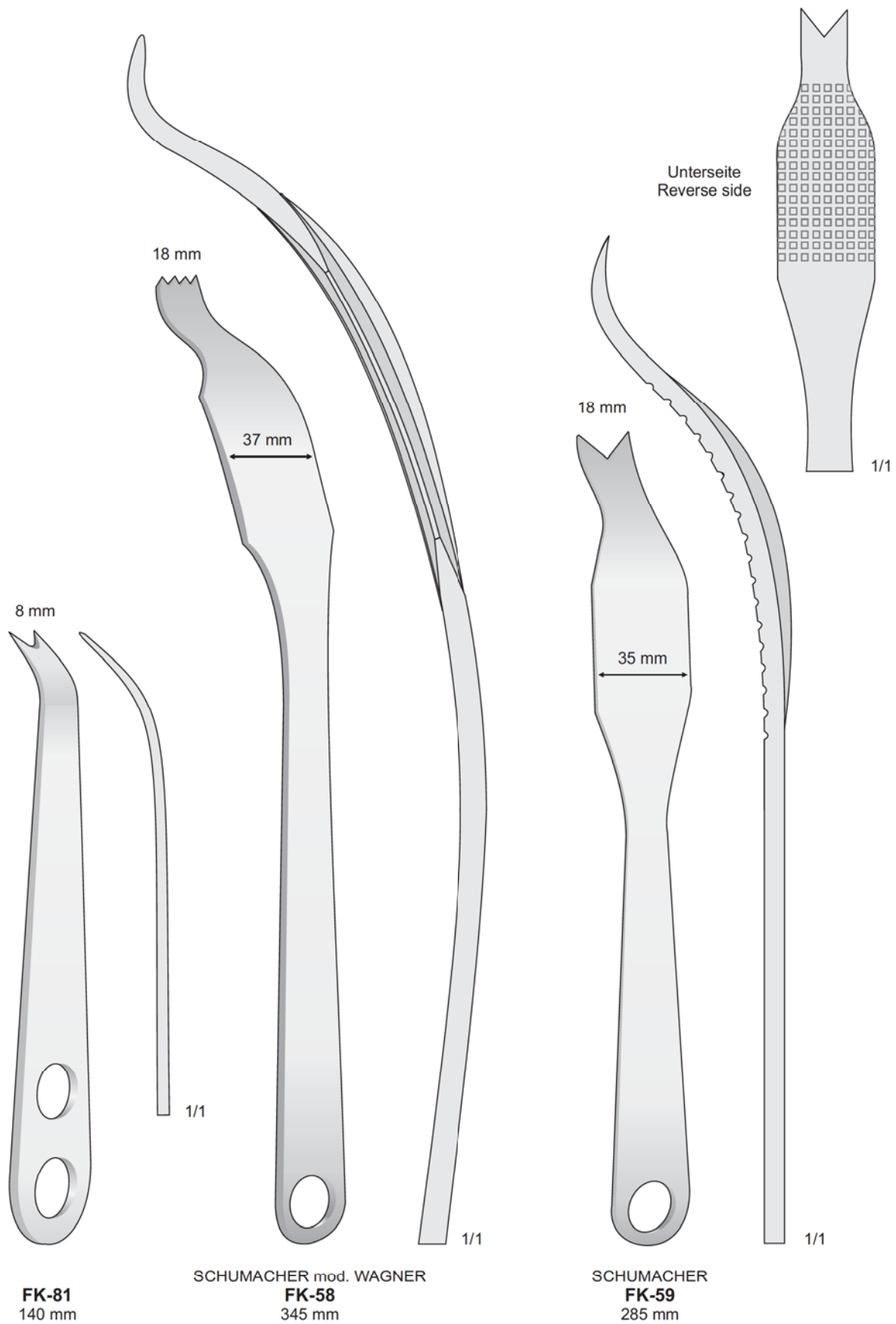
HOHMANN
FK-54/FK-55

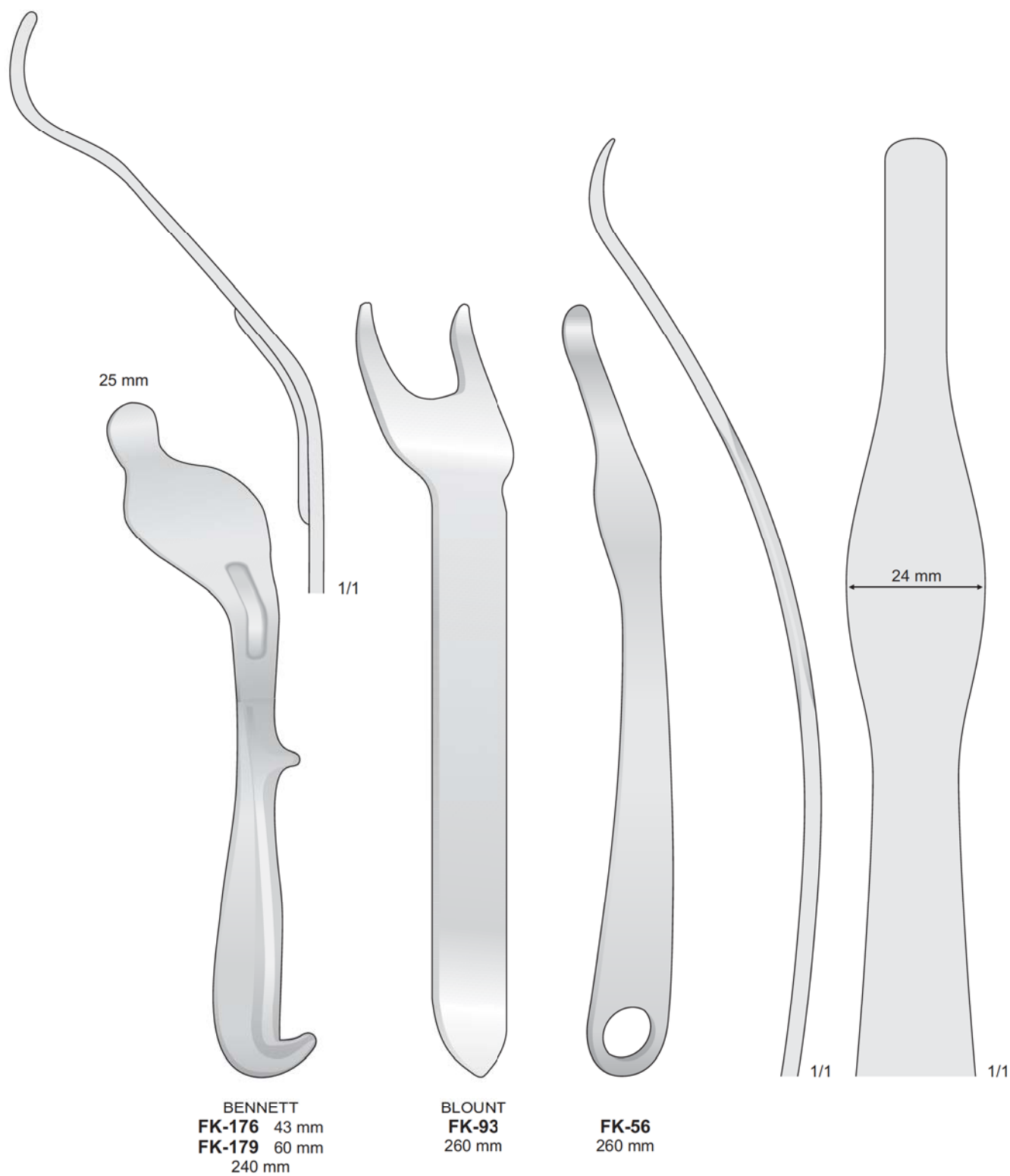


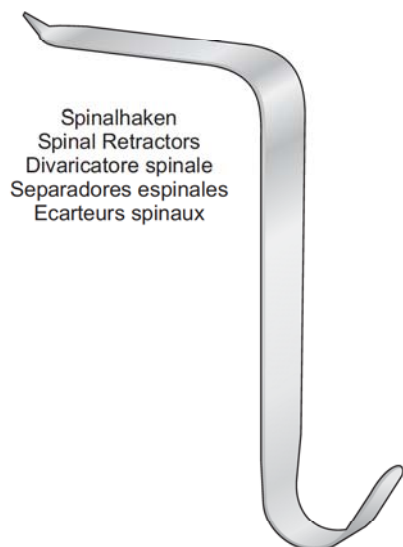
FK-54
260 mm



FK-55
285 mm

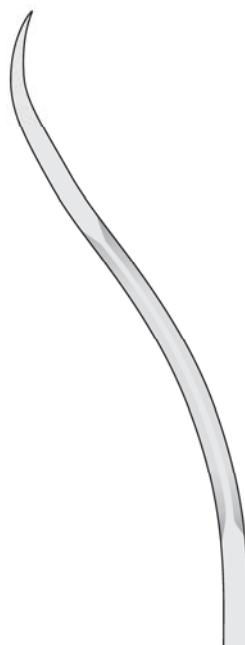




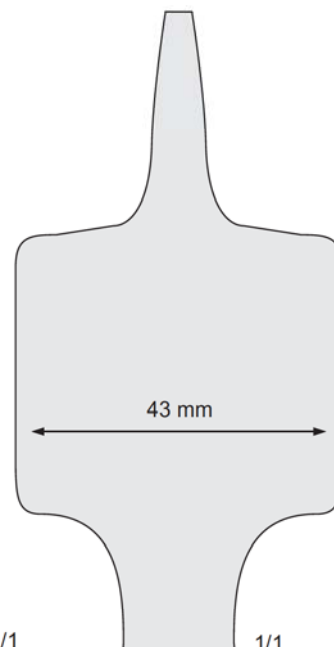


Spinalhaken
Spinal Retractors
Divaricatore spinale
Separadores espinales
Ecarteurs spinaux

TAYLOR
FK-168 75 x 30 mm
FK-169 100 x 30 mm
165 mm



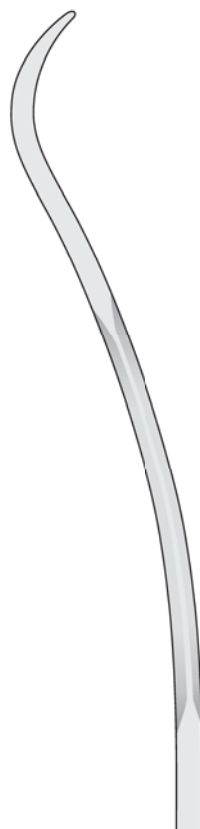
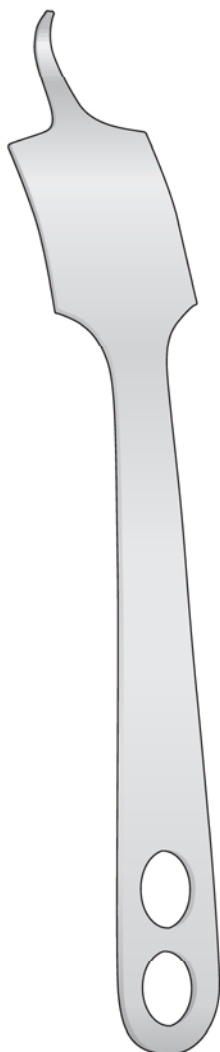
1/1



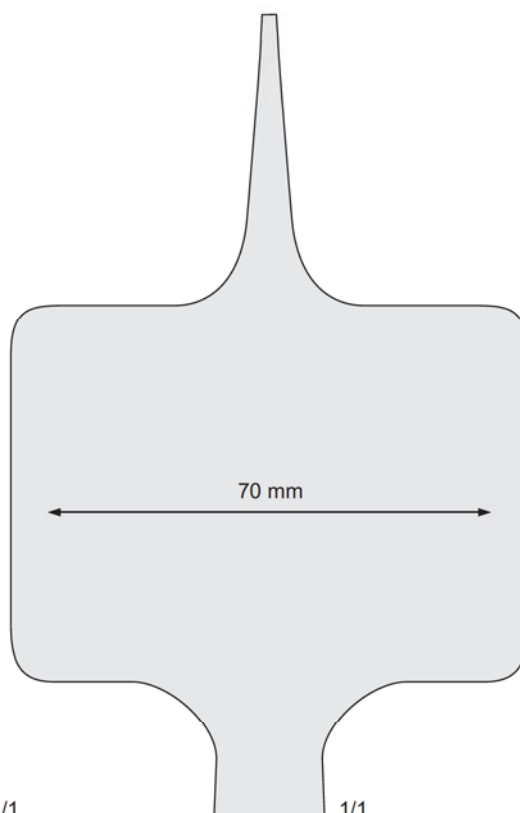
1/1

43 mm

FK-57
240 mm



1/1



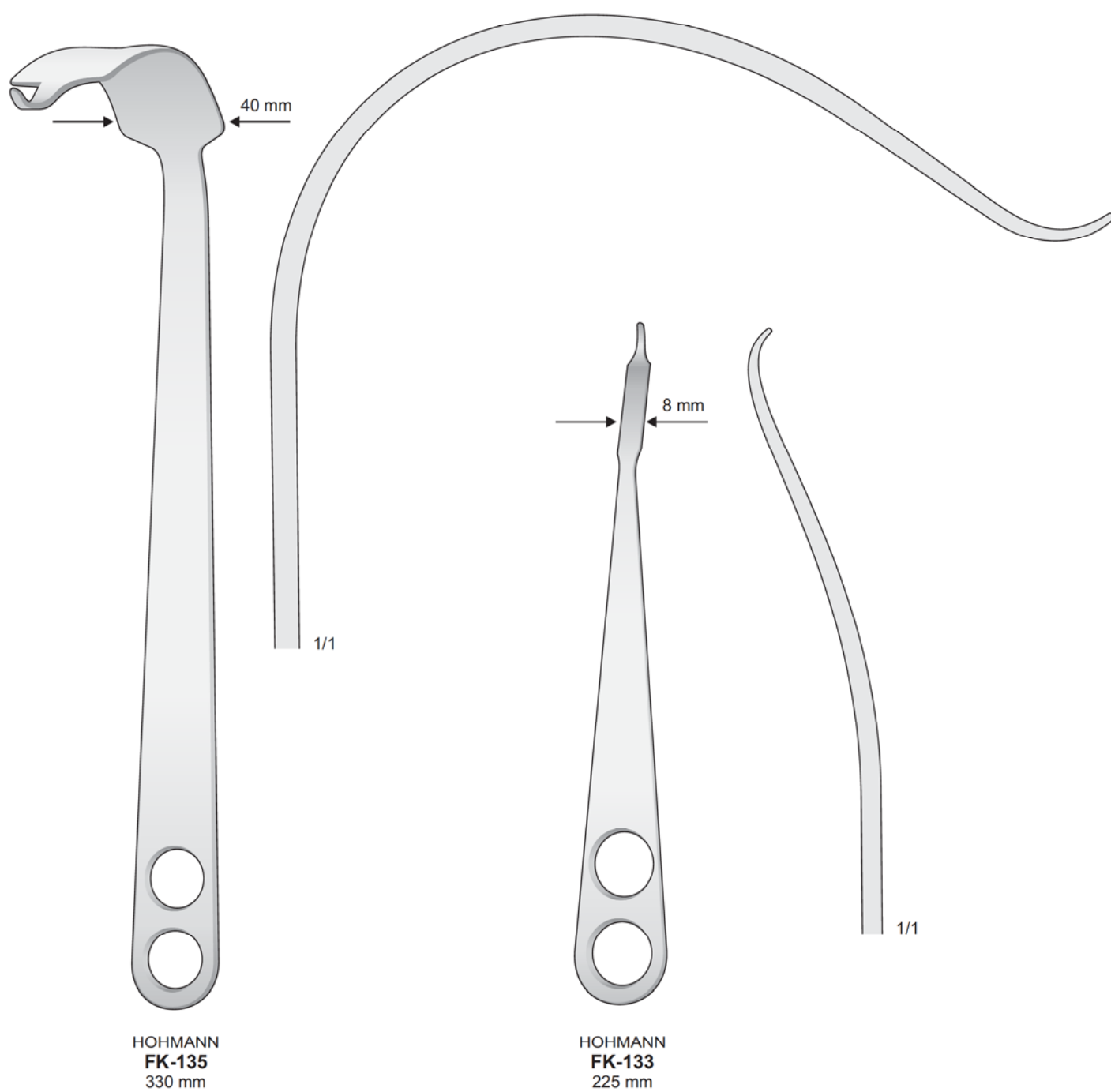
1/1

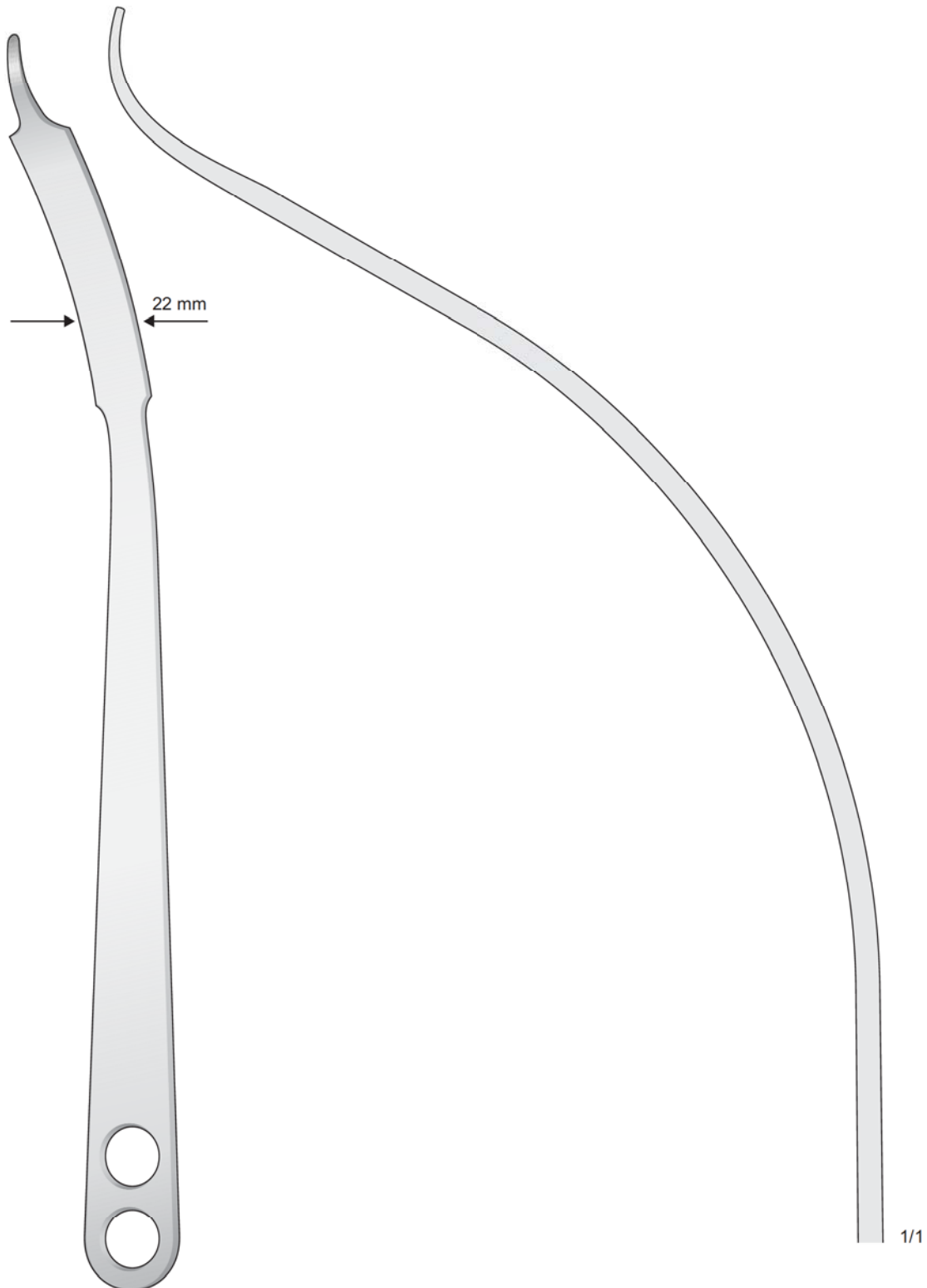
70 mm

FK-164
250 mm

HOHMANN
FK-47/FK-57
240 mm

FK-47
240 mm





HOHMANN
FK-134
400 mm



Raspatorien

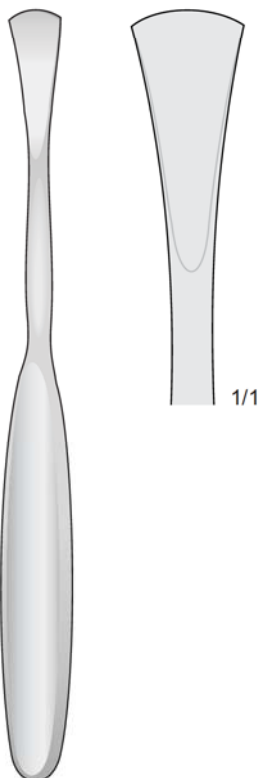
Periosteal Raspatories

Periostotomi - Raspatori

Periostotomos - Legras

Rugines à périostomie

15 mm



CUSHING
FK-252
190 mm



ADSON
FK-260/FK-263
170 mm

8 mm



FK-260

7 mm



FK-261

7 mm



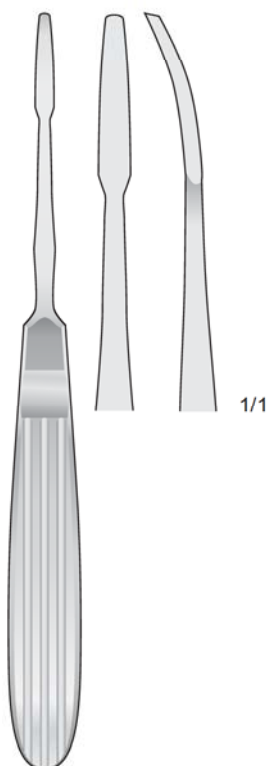
FK-262

7 mm



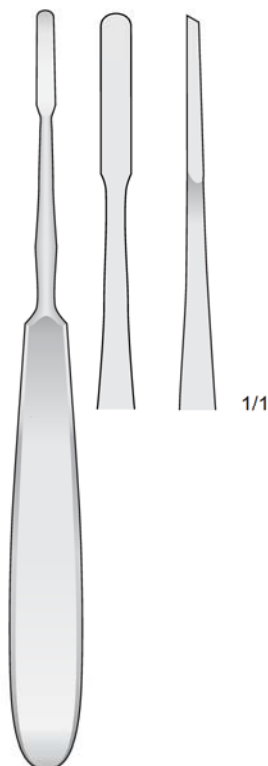
FK-263

2,5 mm



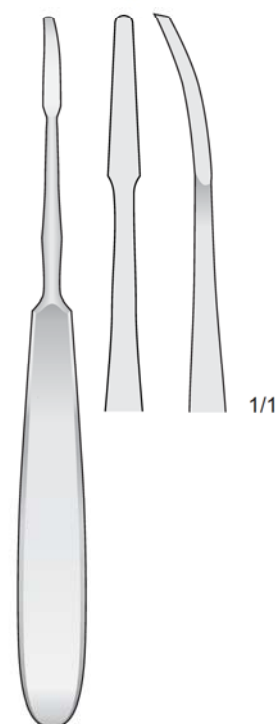
JOSEPH
FK-80
170 mm

4 mm



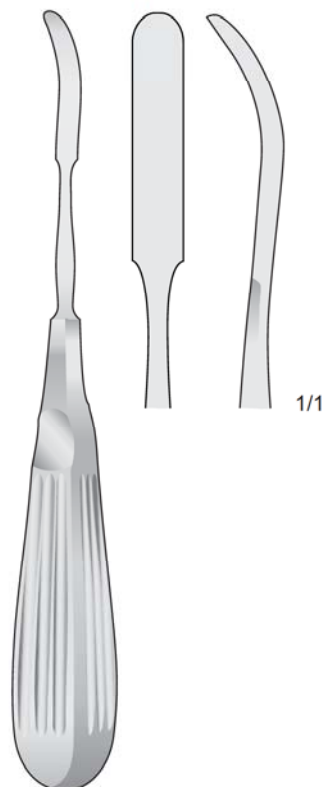
FOMON
FK-264
170 mm

4 mm



JOSEPH
FK-265
160 mm

7 mm



JOSEPH
FK-82
180 mm



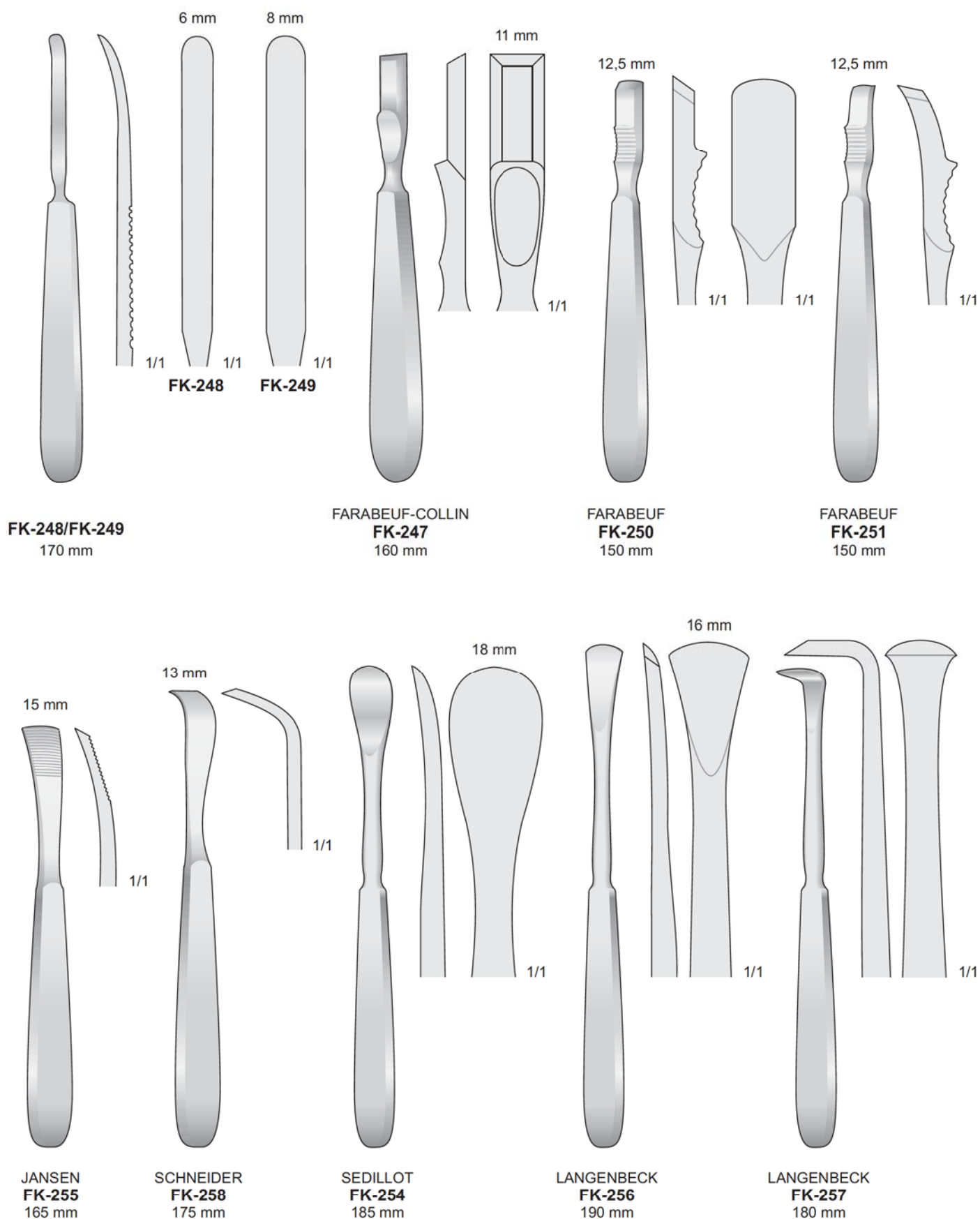
Raspatorien

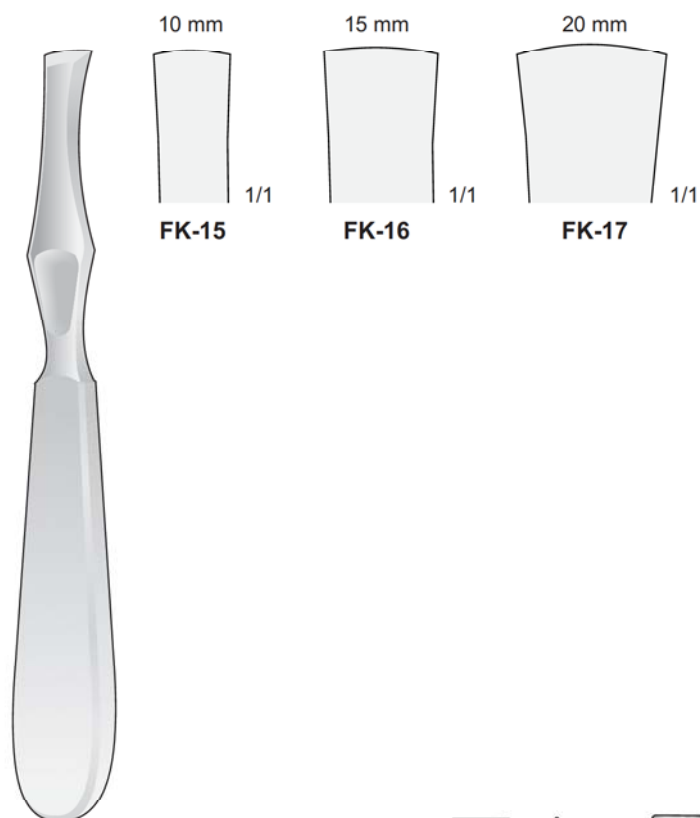
Periosteal Raspatories

Periostotomi - Raspatori

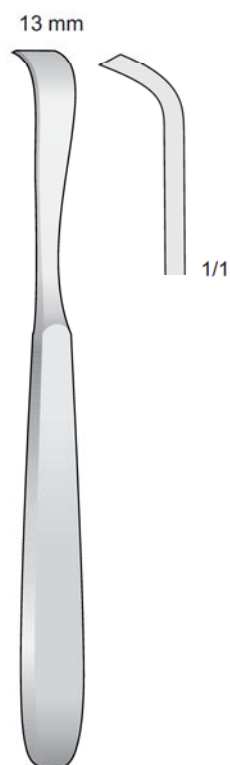
Periostotomos - Legras

Rugines à périostomie

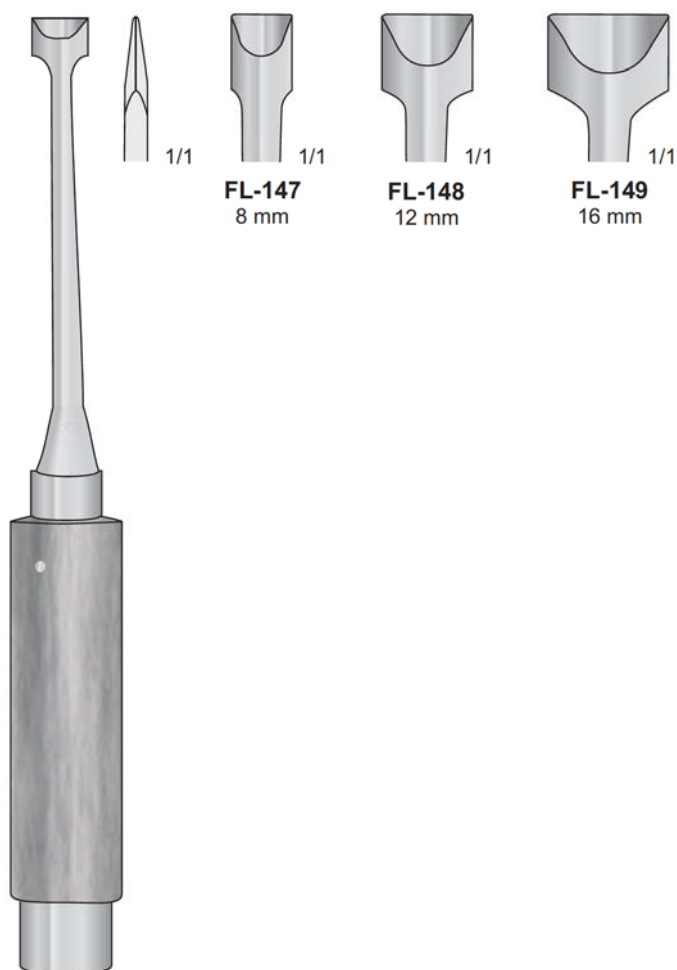




LAMBOTTE
FK-15/FK-17
205 mm



SCHNEIDER-SAUERBRUCH
FK-259
190 mm



OBWEGESER
FL-147/FL-149
220 mm



Raspatorien

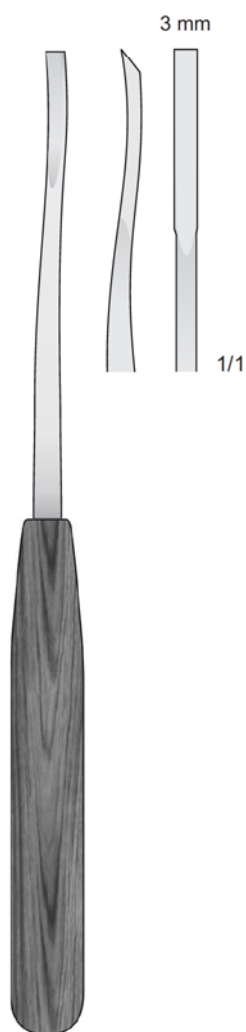
Periosteal Raspatories

Periostotomi - Raspatori

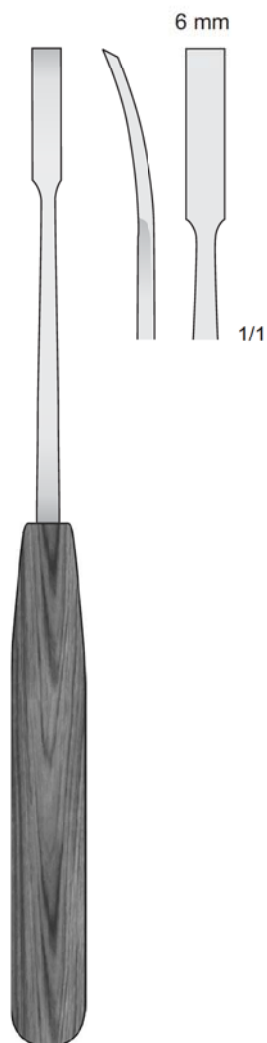
Periostotomos - Legras

Rugines à périostomie

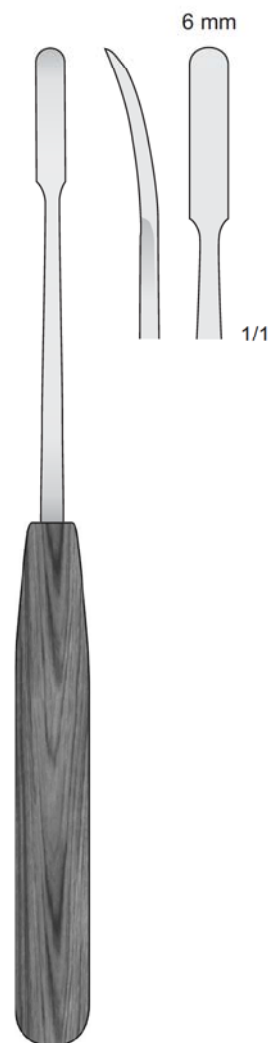
Mit Ferrozellgriff
With Ferrozell handle
Con manico Ferrozell
Con mango de Ferrozell
Avec poignée en Ferrozell



FK-234
180 mm



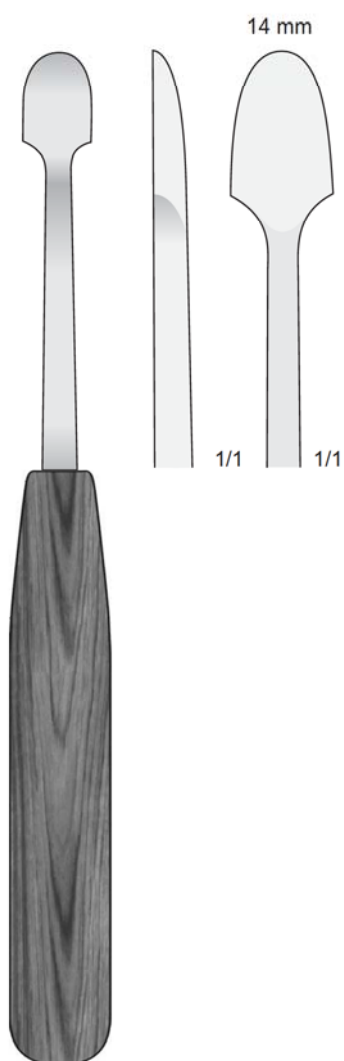
FK-230
190 mm



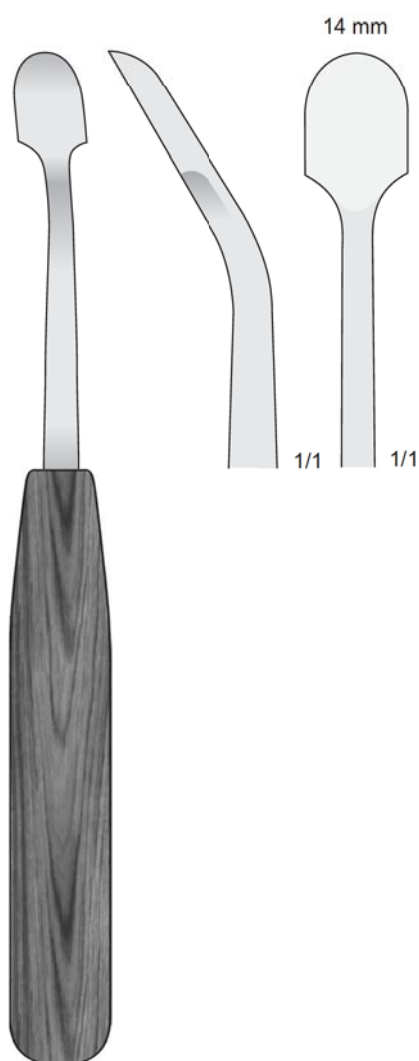
FK-232
190 mm



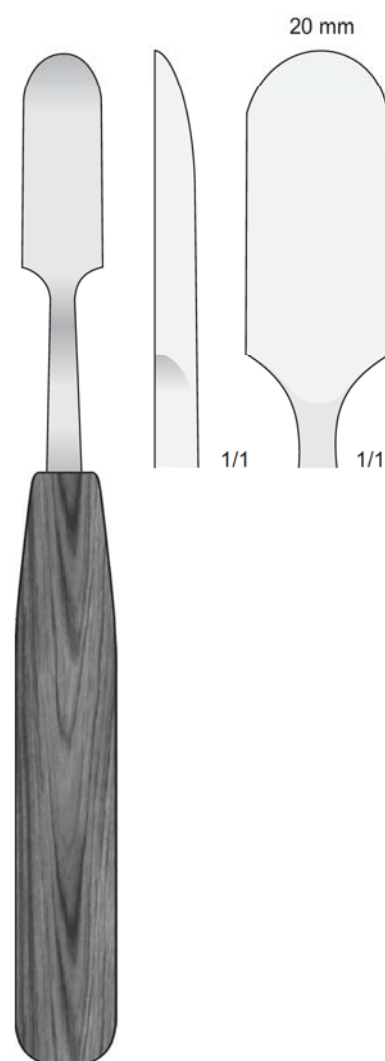
Mit Ferrozellgriff
With Ferrozell handle
Con manico Ferrozell
Con mango de Ferrozell
Avec poignée en Ferrozell



FK-236
200 mm



FK-238
200 mm



FK-240
200 mm



Raspatorien

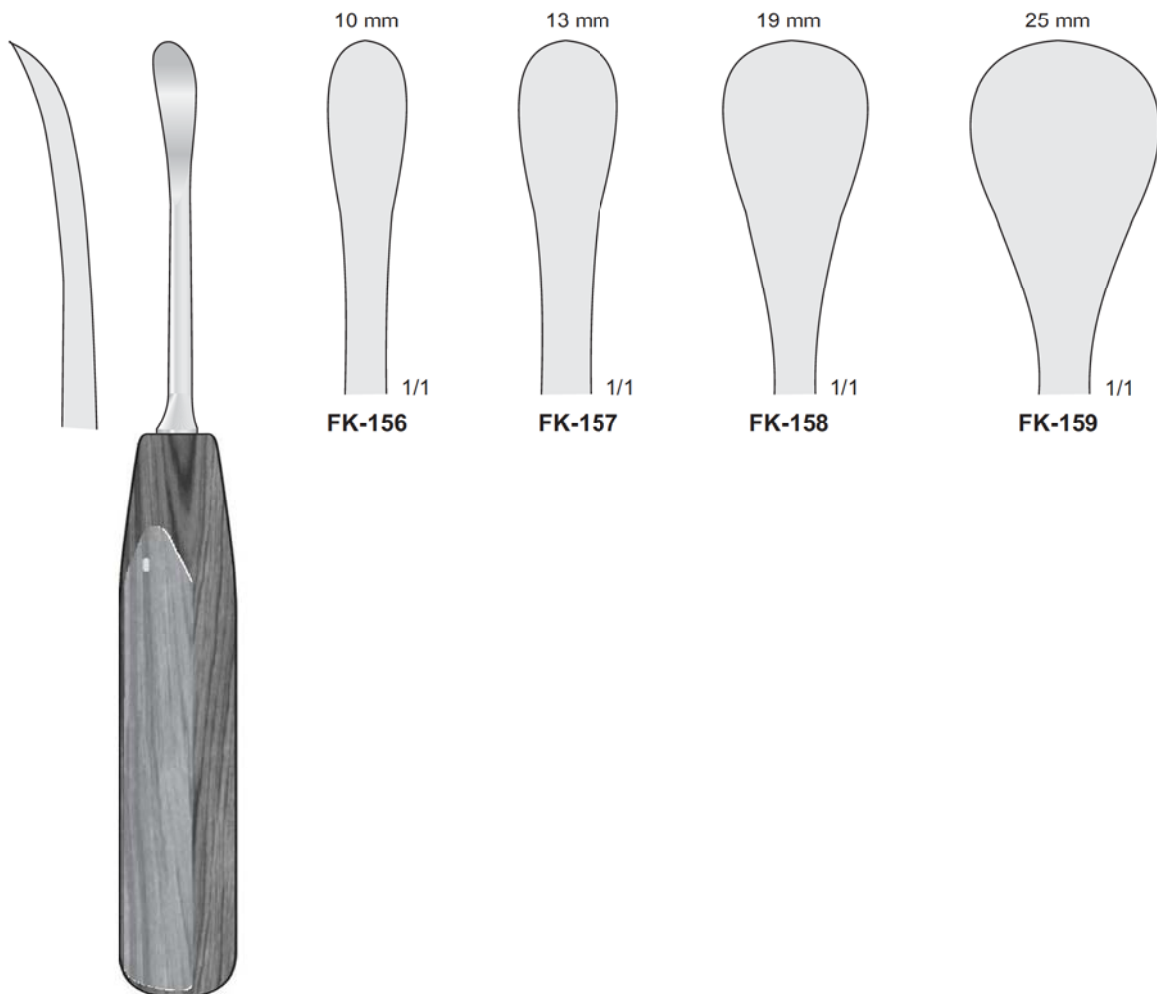
Periosteal Raspatories

Periostotomi - Raspatori

Periostotomos - Legras

Rugines à périostomie

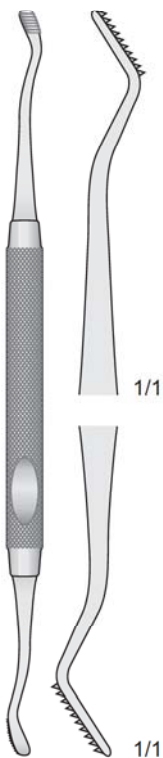
Mit Ferrozellgriff
With Ferrozell handle
Con manico Ferrozell
Con mango de Ferrozell
Avec poignée en Ferrozell



COBB
FK-156/FK-159
250 mm

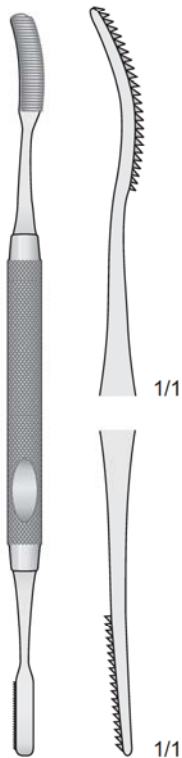


Fig. 67



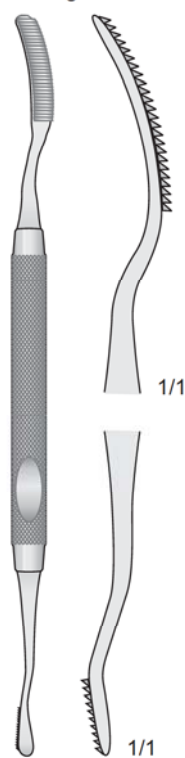
HOWARD
DO-1
180 mm

Fig. 45

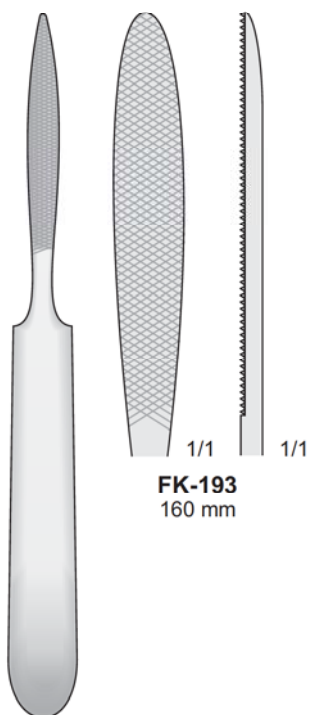


MILLER
DO-2
185 mm

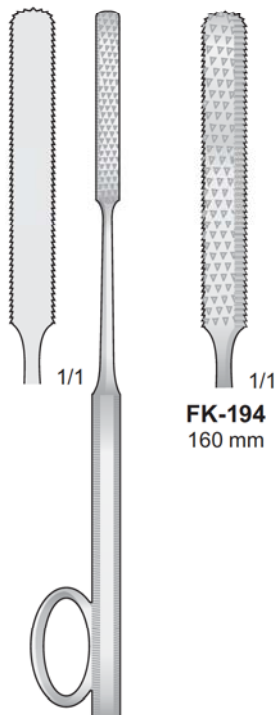
Fig. 52



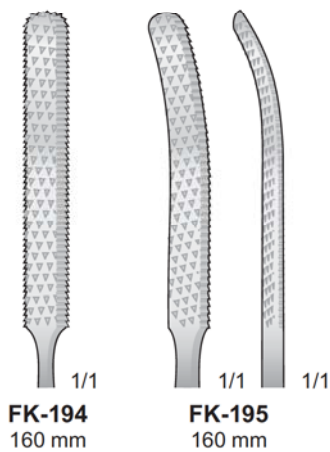
MILLER
DO-3
180 mm



JOSEPH
FK-193
160 mm

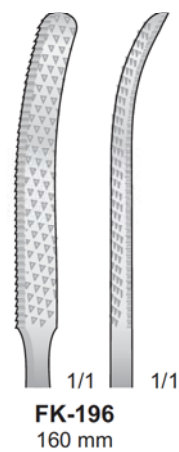


GALLAHER
FK-194/FK-196
160 mm



FK-194
160 mm

FK-195
160 mm



FK-196
160 mm



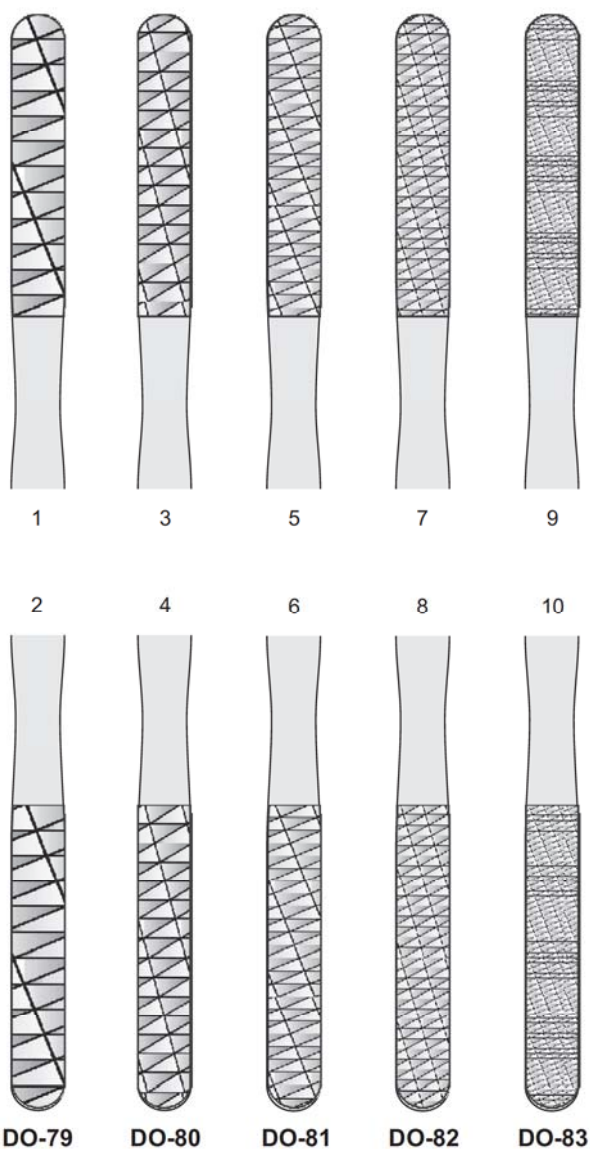
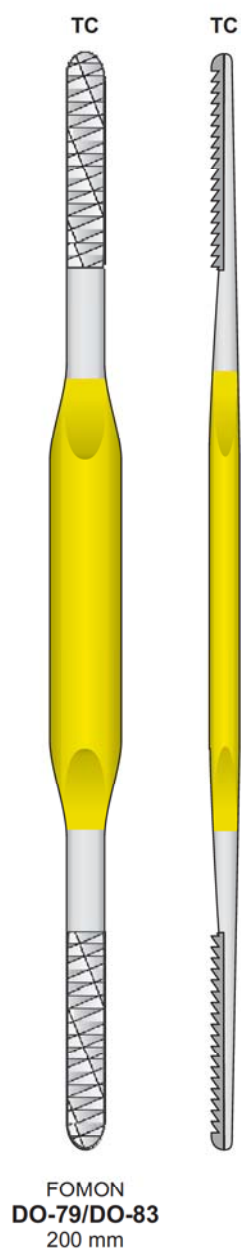
Knochenfeilen

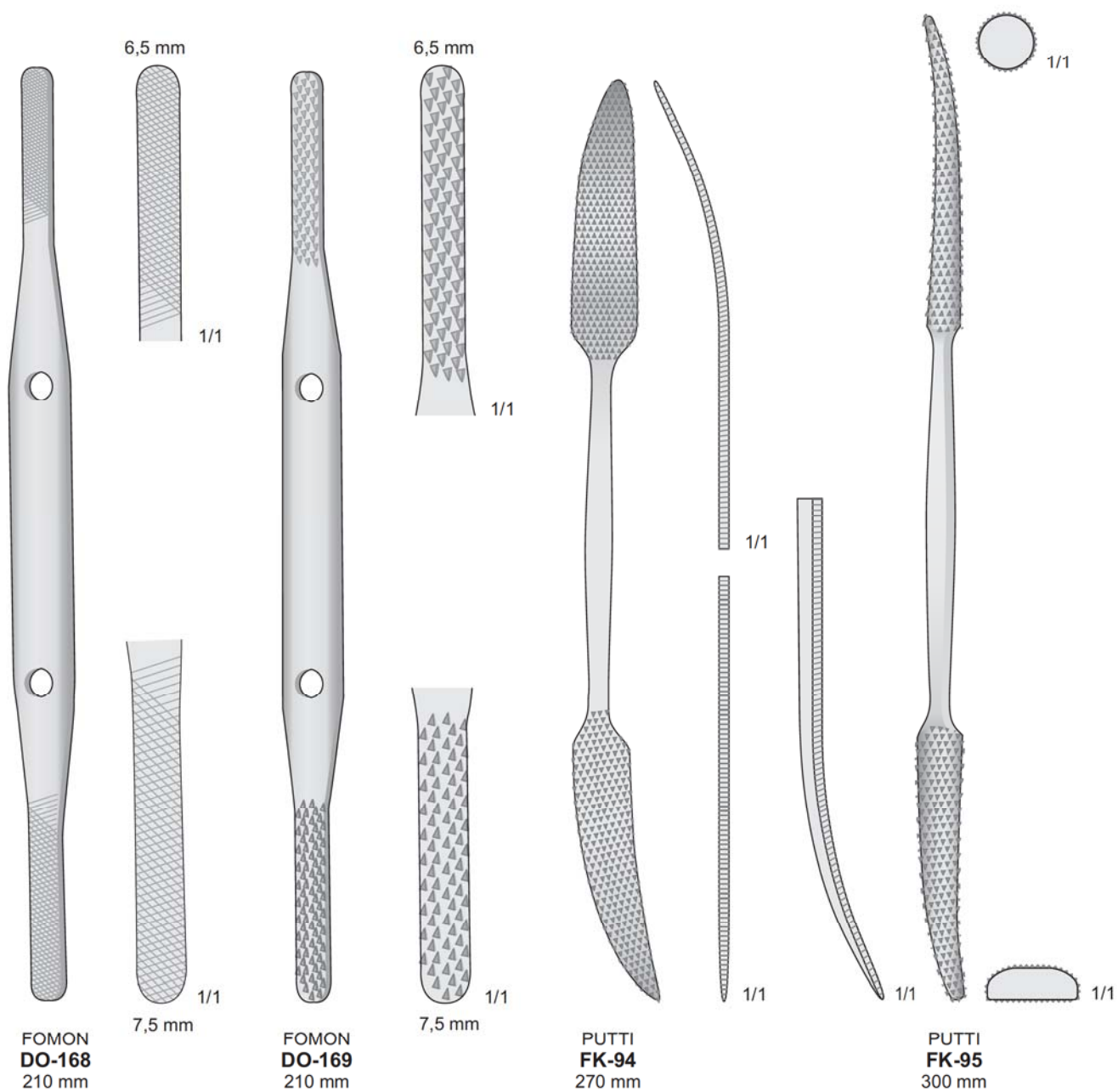
Bone files

Lime per osso

Limas para huesos

Limes à os





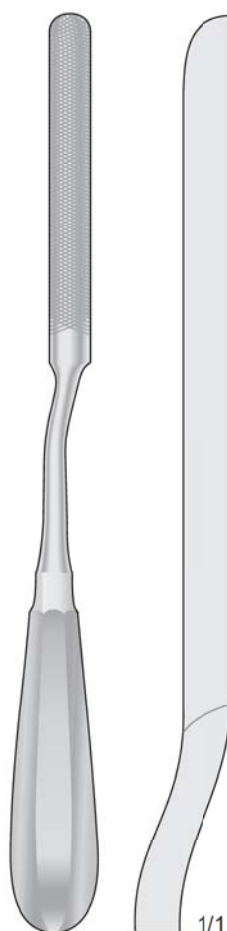


20 mm



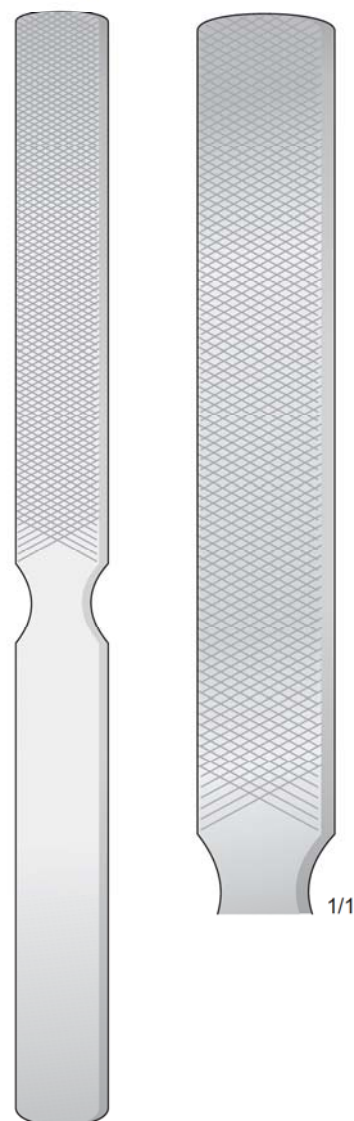
FK-85
295 mm

13 mm



FK-86
240 mm

20 mm



FK-119
220 mm



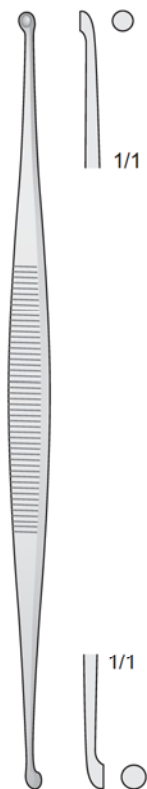
Scharfe Löffel

Sharp curettes

Curette, Cucchiari taglienti

Cucharillas cortantes

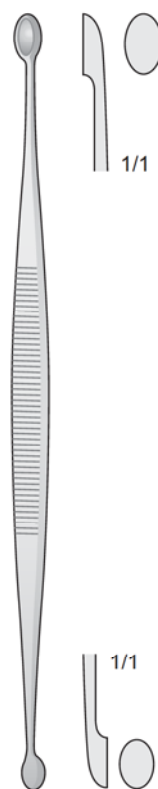
Curettes tranchantes



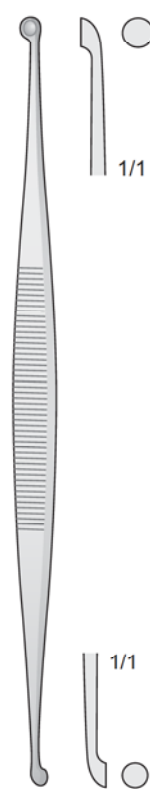
MARTINI
FK-70
140 mm



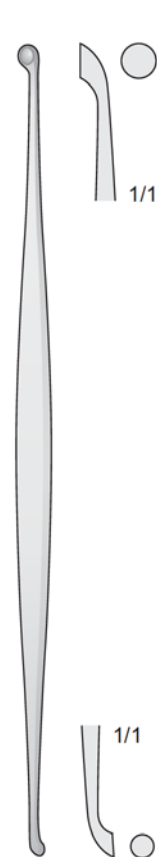
WILLIGER
FK-71
145 mm



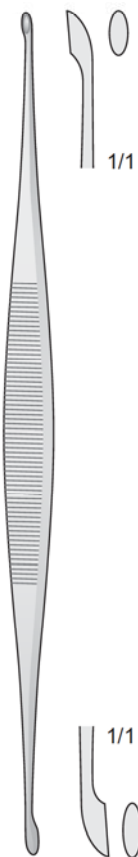
JACOBSON
FK-75
140 mm



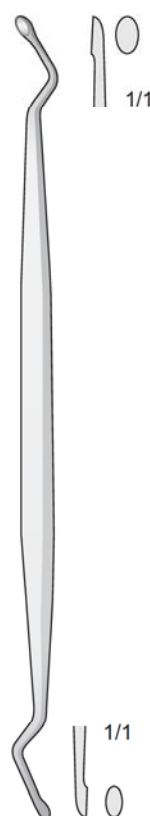
MARTINI
FK-76
140 mm



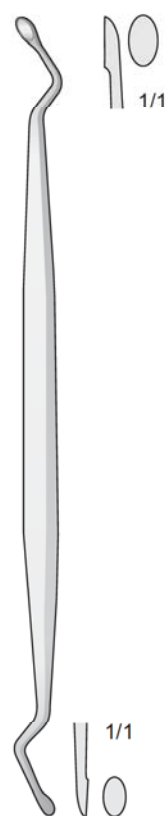
JANSEN
FK-77
160 mm



BARTH
FK-78
180 mm



FK-83
160 mm



JANSEN
FK-84
160 mm



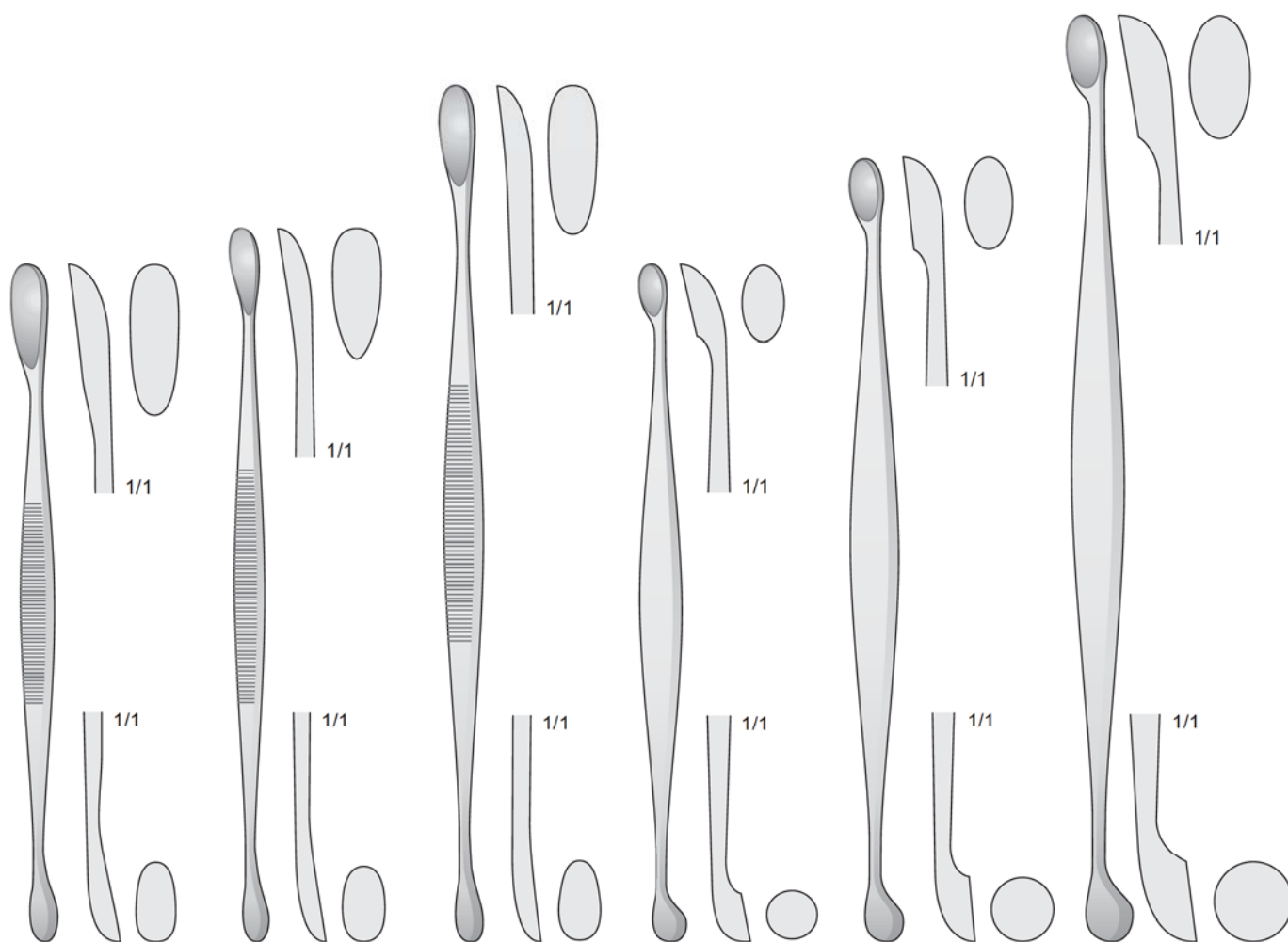
Scharfe Löffel

Sharp curettes

Curette, Cucchiari taglienti

Cucharillas cortantes

Curettes tranchantes



**VOLKMANN
FK-79**
130 mm

**VOLKMANN
FK-72**
145 mm

**VOLKMANN
FK-73**
170 mm

FK-177
130 mm

FK-74
160 mm

FK-178
200 mm



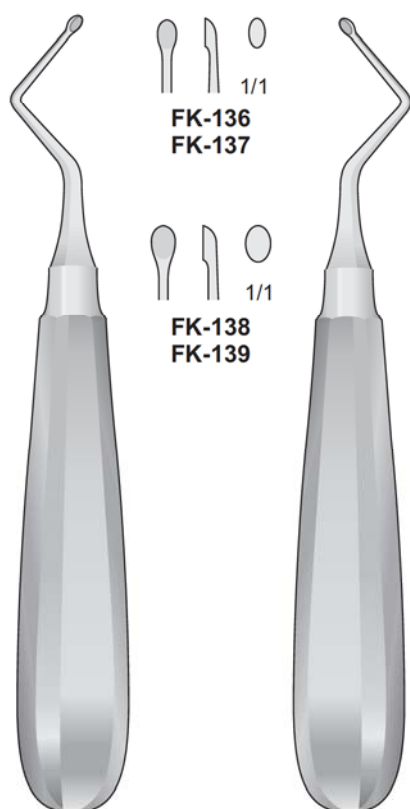
Scharfe Löffel

Sharp curettes

Curette, Cucchiari taglienti

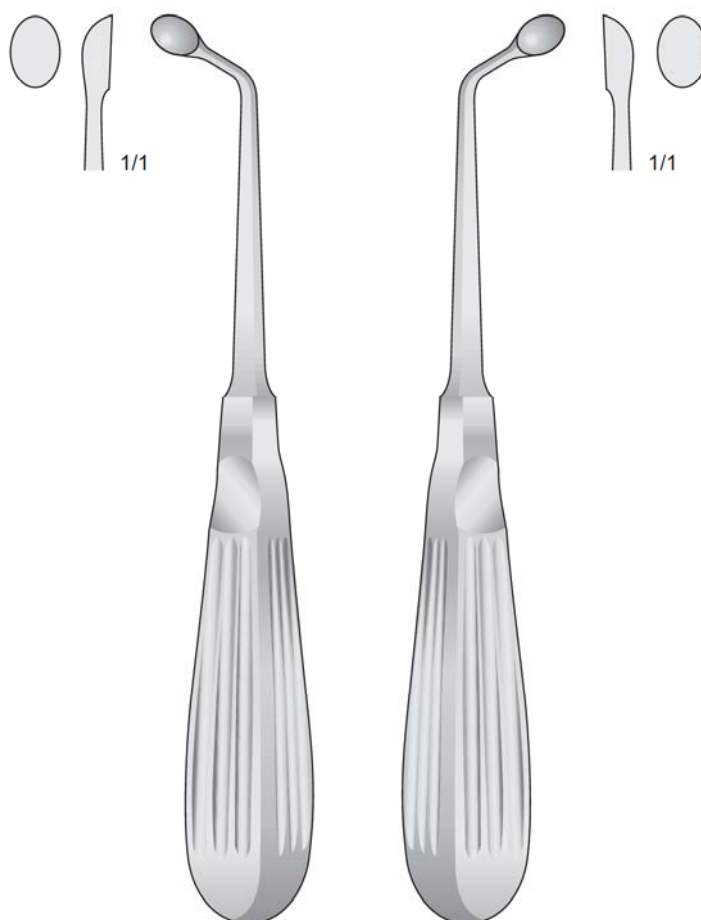
Cucharillas cortantes

Curettes tranchantes



KERPEL
FK-136
FK-138
145 mm

KERPEL
FK-137
FK-139
145 mm



UFFENORDE
FK-188
170 mm

UFFENORDE
FK-189
170 mm



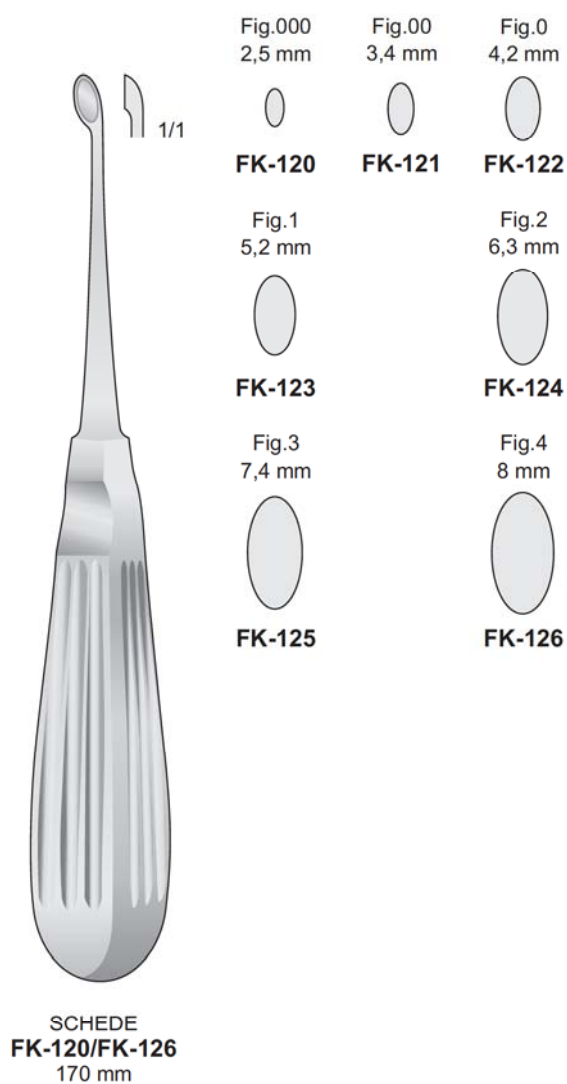
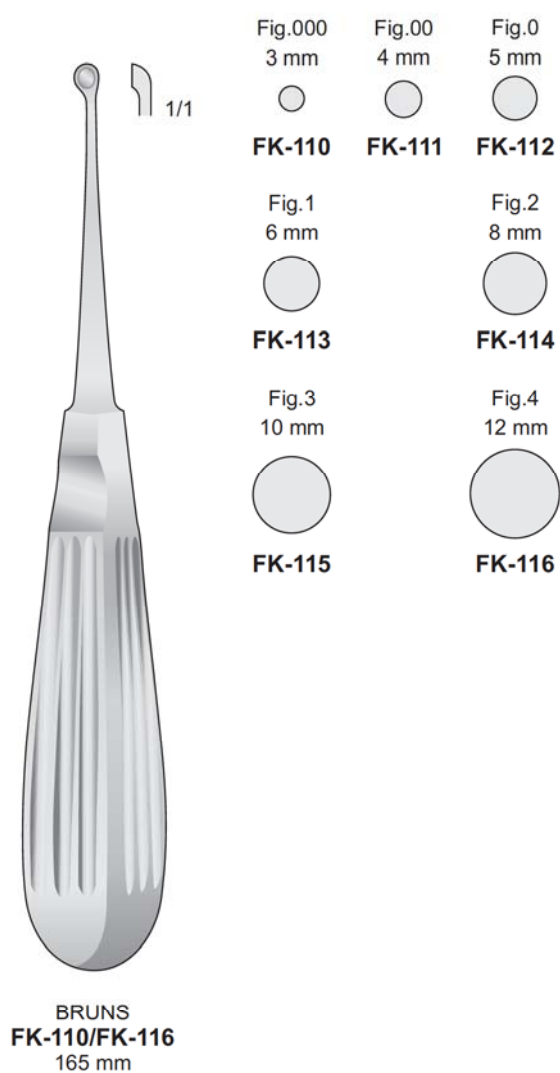
Scharfe Löffel

Sharp curettes

Curette, Cucchiai taglienti

Cucharillas cortantes

Curettes tranchantes





Scharfe Löffel

Sharp curettes

Curette, Cucchiari taglienti

Cucharillas cortantes

Curettes tranchantes



FK-01/FK-08
180 mm

Fig.1
○ 1/1
FK-01

Fig.2
○ 1/1
FK-02

Fig.3
○ 1/1
FK-03

Fig.4
○ 1/1
FK-04

Fig.5
○ 1/1
FK-05

Fig.6
○ 1/1
FK-06

Fig.7
○ 1/1
FK-07

Fig.8
○ 1/1
FK-08



VOLKMANN
FK-60/FK-69
170 mm

Fig.0000
2,8 mm
○ 1/1
FK-60

Fig.000
3,6 mm
○ 1/1
FK-61

Fig.00
4,4 mm
○ 1/1
FK-62

Fig.0
5,2 mm
○ 1/1
FK-63

Fig.1
6,8 mm
○ 1/1
FK-64

Fig.2
8,5 mm
○ 1/1
FK-65

Fig.3
10 mm
○ 1/1
FK-66

Fig.4
11,5 mm
○ 1/1
FK-67

Fig.5
13 mm
○ 1/1
FK-68

Fig.6
14,5 mm
○ 1/1
FK-69



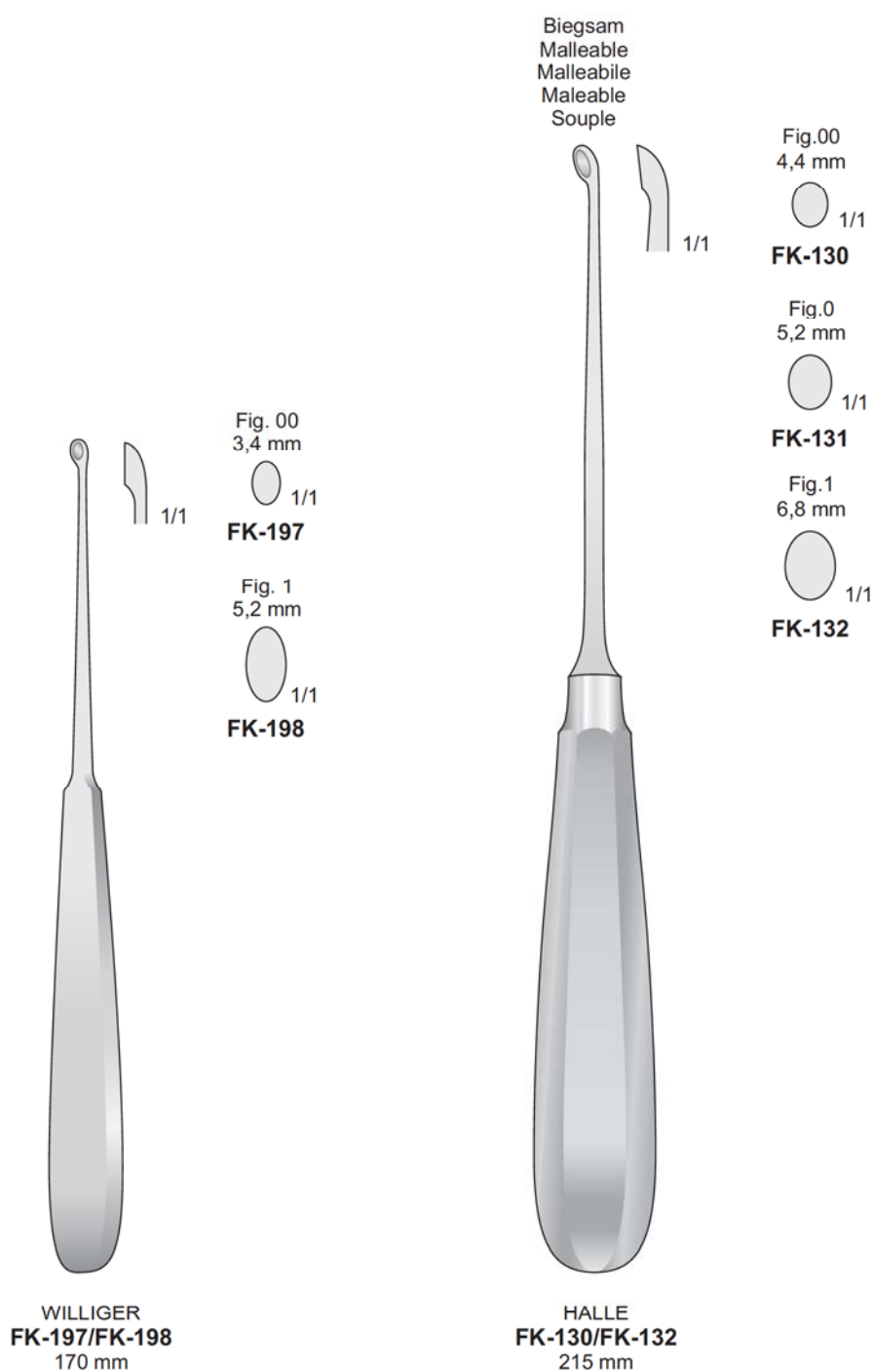
Scharfe Löffel

Sharp curettes

Curette, Cucchiari taglienti

Cucharillas cortantes

Curettes tranchantes





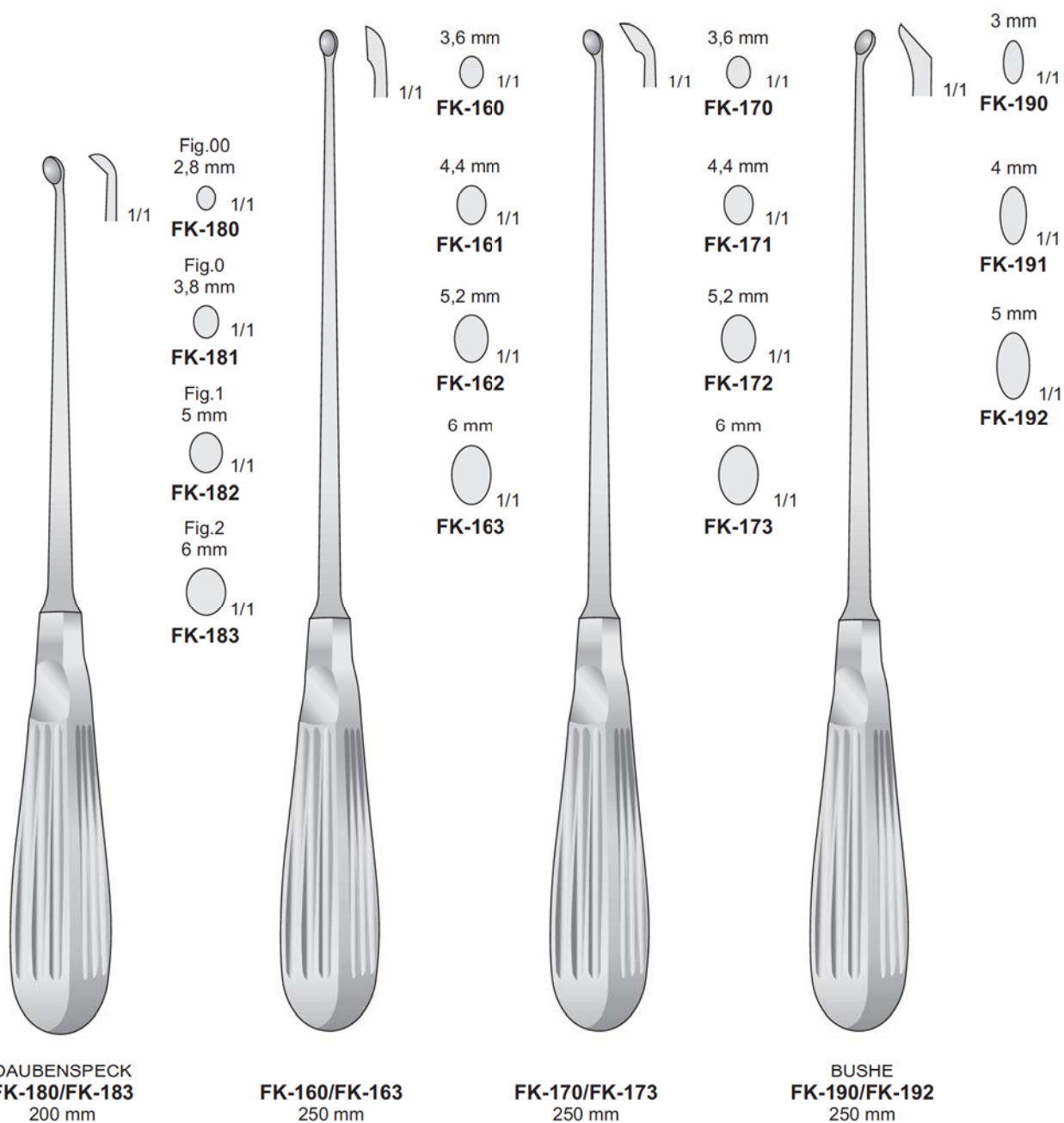
Scharfe Löffel

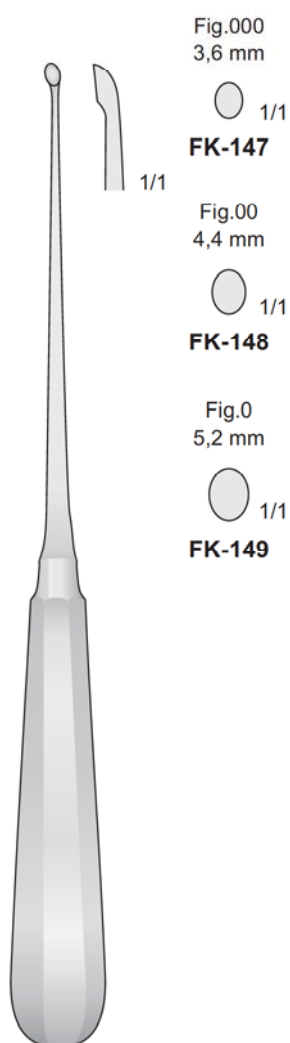
Sharp curettes

Curette, Cucchiari taglienti

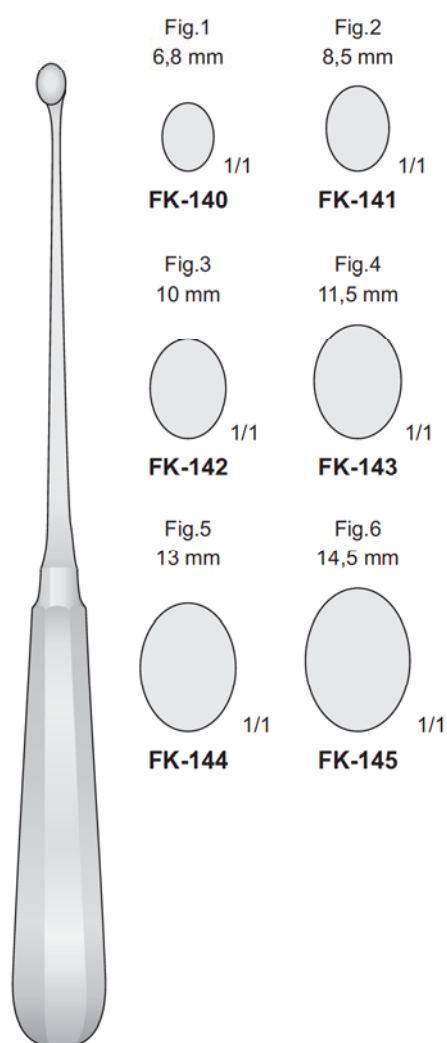
Cucharillas cortantes

Curettes tranchantes

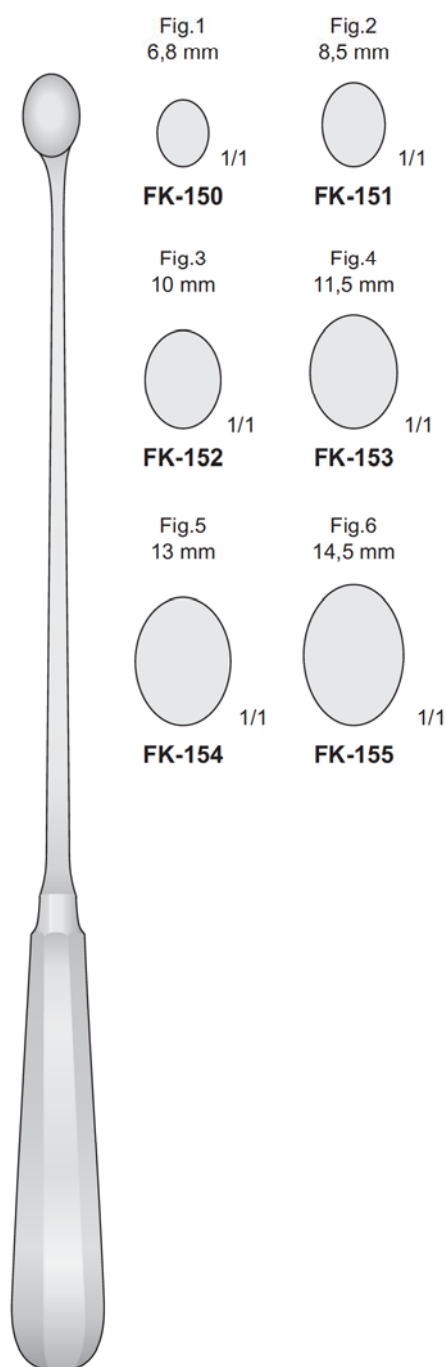




SIMON
FK-147/FK-149
235 mm



SIMON
FK-140/FK-145
240 mm



SCHRÖDER
FK-150/FK-155
310 mm



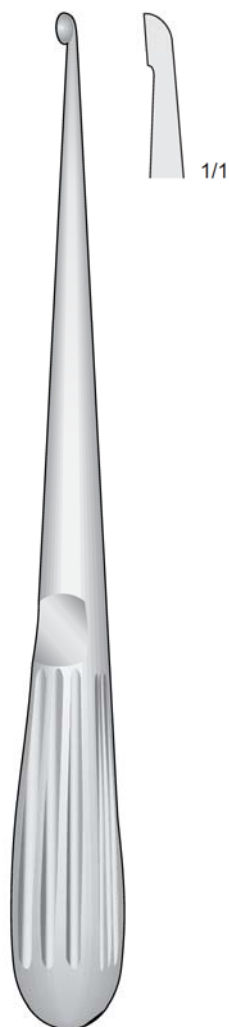
Scharfe Löffel

Sharp curettes

Curette, Cucchiari taglienti

Cucharillas cortantes

Curettes tranchantes



BRUNS
FK-280/FK-290
170 mm

Fig.5/0
2,2 mm



FK-280

Fig.4/0
2,5 mm



FK-281

Fig.3/0
2,8 mm



FK-282

Fig.2/0
3,3 mm



FK-283

Fig.0
3,6 mm



FK-284

Fig.1
4,3 mm



FK-285

Fig.2
4,8 mm



FK-286

Fig.3
5,6 mm



FK-287

Fig.4
6,0 mm



FK-288

Fig.5
6,7 mm



FK-289

Fig.6
8,8 mm



FK-290



Scharfe Löffel

Sharp curettes

Curette, Cucchiari taglienti

Cucharillas cortantes

Curettes tranchantes



BRUNS
FK-291/FK-299
225 mm



1/1

Fig.3/0
2,8 mm
1/1
FK-291

Fig.2/0
3,3 mm
1/1
FK-292

Fig.0
3,6 mm
1/1
FK-293

Fig.1
4,3 mm
1/1
FK-294

Fig.2
4,8 mm
1/1
FK-295

Fig.3
5,6 mm
1/1
FK-296

Fig.4
6,0 mm
1/1
FK-297

Fig.5
6,7 mm
1/1
FK-298

Fig.6
8,8 mm
1/1
FK-299



1/1

Fig.3/0
2,8 mm
1/1
FK-300

Fig.2/0
3,3 mm
1/1
FK-301

Fig.0
3,6 mm
1/1
FK-302

Fig.1
4,3 mm
1/1
FK-303

Fig.2
4,8 mm
1/1
FK-304

Fig.3
5,6 mm
1/1
FK-305

Fig.4
6,0 mm
1/1
FK-306

Fig.5
6,7 mm
1/1
FK-307

Fig.6
8,8 mm
1/1
FK-308

BRUNS
FK-300/FK-308
225 mm



Scharfe Löffel

Sharp curettes

Curette, Cucchiari taglienti

Cucharillas cortantes

Curettes tranchantes

Mit Ferrozellgriff - With Ferrozell handle
Con manico Ferrozell - Con mango de Ferrozell
Avec poignée en Ferrozell



SYPERT
FK-310/FK-313
380 mm

Fig.0000
2,8 mm



1/1

FK-310

Fig.0
5,2 mm



1/1

FK-312

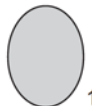
Fig.000
3,6 mm



1/1

FK-311

Fig.3
10,0 mm



1/1

FK-313



SYPERT
FK-314/FK-317
380 mm

Fig.0000
2,8 mm



1/1

FK-314

Fig.0
5,2 mm



1/1

FK-316

Fig.000
3,6 mm



1/1

FK-315

Fig.3
10,0 mm



1/1

FK-317



Scharfe Löffel

Sharp curettes

Curette, Cucchiari taglienti

Cucharillas cortantes

Curettes tranchantes

Mit Ferrozellgriff - With Ferrozell handle
Con manico Ferrozell - Con mango de Ferrozell
Avec poignée en Ferrozell

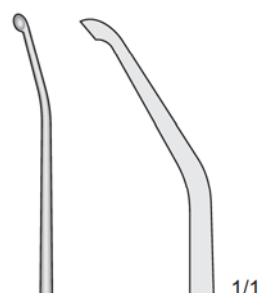


Fig.0000
2,8 mm



FK-318

Fig.000
3,6 mm



FK-319



SYPERT
FK-318/FK-319
420 mm

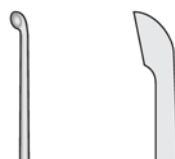


Fig.000
3,6 mm



FK-320

Fig.00
4,4 mm



FK-321

Fig.0
5,2 mm



FK-322



FK-320/FK-322
410 mm



Fig.000
3,6 mm



FK-323

Fig.00
4,4 mm



FK-324

Fig.0
5,2 mm



FK-325



FK-323/FK-325
410 mm



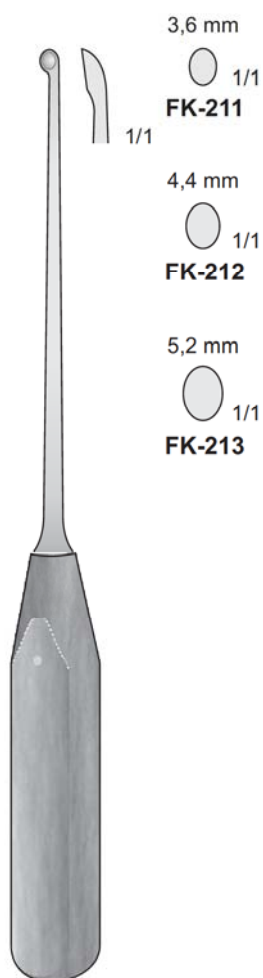
Scharfe Löffel

Sharp cures

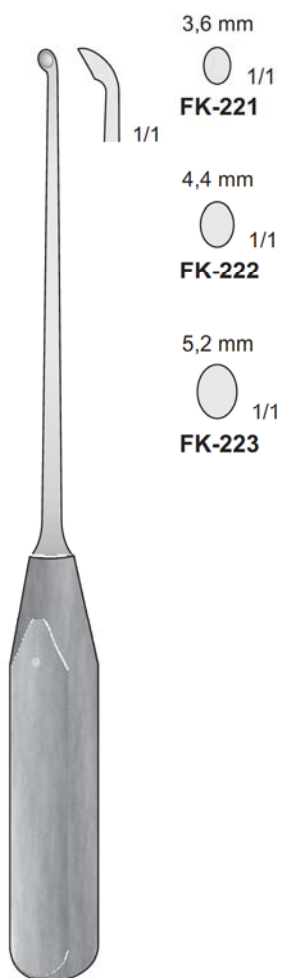
Curette, Cucchiari taglienti

Cucharillas cortantes

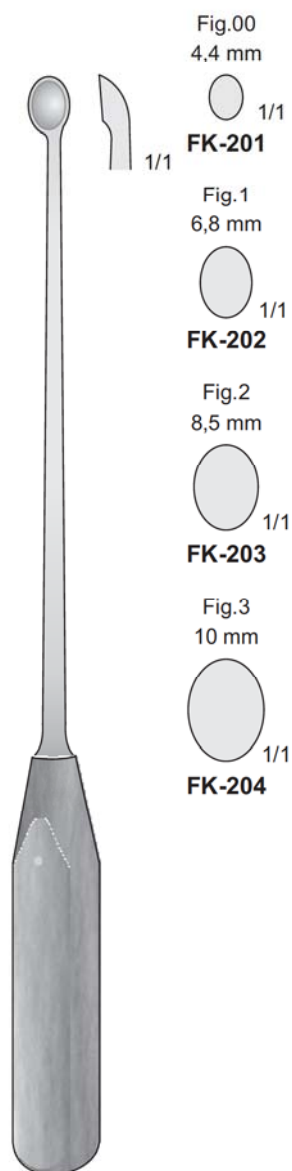
Curettes tranchantes



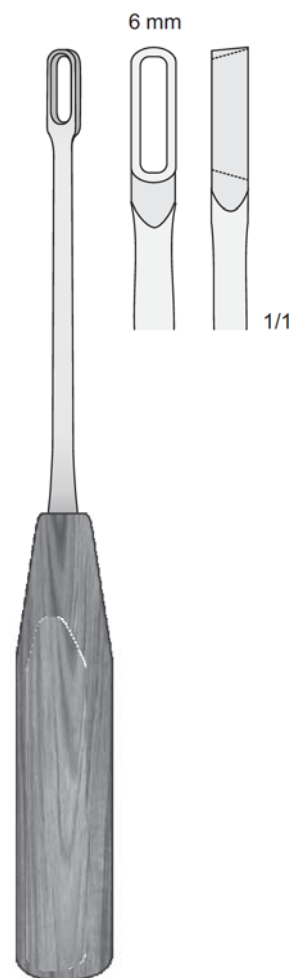
CASPAR
FK-211/FK-213
220 mm



CASPAR
FK-221/FK-223
220 mm



FK-201/FK-204
270 mm



TESSIER
FL-198
220 mm



Scharfe Löffel

Sharp curettes

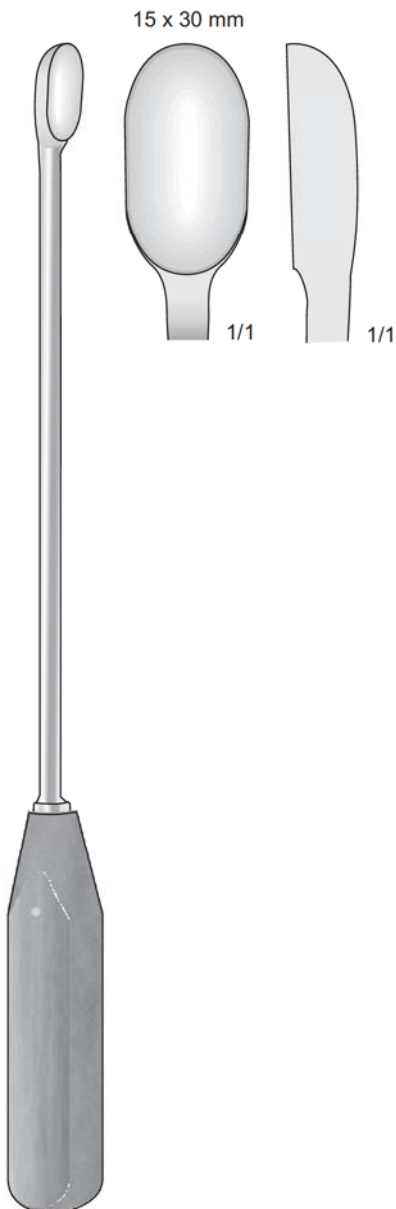
Curette, Cucchiari taglienti

Cucharillas cortantes

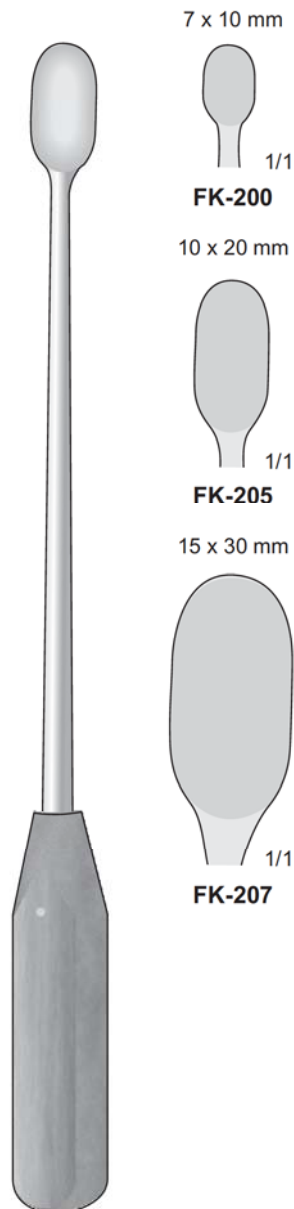
Curettes tranchantes

Femoral prosthesis instrumentation
Strumentario per protesi femorale
Instruments pour prothese femorale

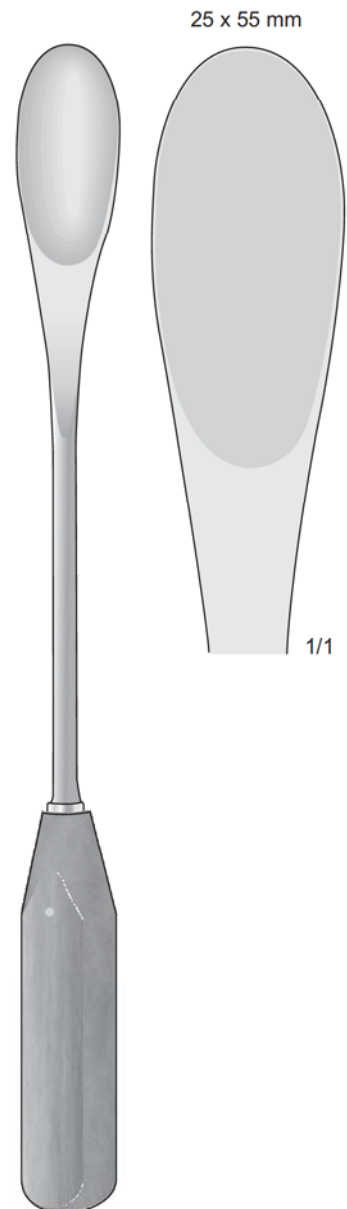
Mit Ferrozellgriff
With Ferrozell handle
Con manico Ferrozell
Con mango de Ferrozell
Avec poignée en Ferrozell



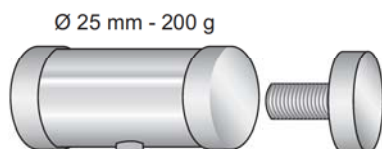
FK-206
300 mm



FK-200/FK-207
300 mm

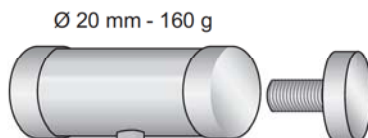


FK-208
300 mm

**FL-11R**

Paar Ersatzbacken
Pair of spare faces
Coppia di teste
di ricambio
Pareja de tapas
intercambiables
Paire de faces
de rechange

MEAD
FL-11
200 mm

**FL-09R**

Paar Ersatzbacken
Pair of spare faces
Coppia di teste
di ricambio
Pareja de tapas
intercambiables
Paire de faces
de rechange

MEAD
FL-09
190 mm

**FL-12R**

Paar Ersatzbacken
Pair of spare faces
Coppia di teste
di ricambio
Pareja de tapas
intercambiables
Paire de faces
de rechange

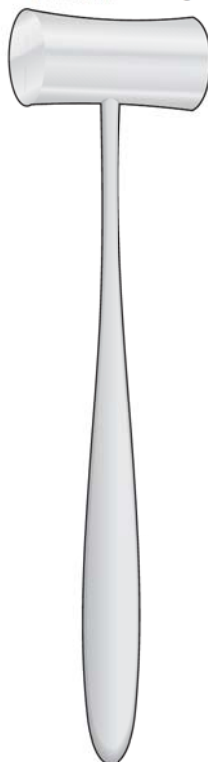
MEAD
FL-12
190 mm

Ø 20 mm - 140 g



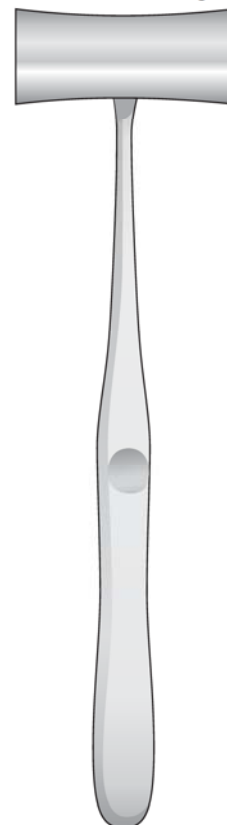
FL-01
165 mm

Ø 25 mm - 300 g



LUCAE
FL-10M
190 mm

Ø 20 mm - 240 g



WILLIGER
FL-02
240 mm



1 Seite flach - 1 Seite convex
1 Side flat - 1 Side convex
1 Lato piatto - 1 Lato convesso
1 Parte plana - 1 Parte convexe
1 Face plate - 1 Face convexe

Ø 30 mm - 240 g



COTTLE
FL-104
185 mm

Ø 30 mm - 300 g



BERGMANN
FL-105
235 mm

Ø 45 mm - 300 g



BERGMANN
FL-106
245 mm



FL-107
240 mm



OMBREDANNE
FL-108
240 mm



HEATH
FL-109
185 mm



FL-112
190 mm



FL-111
200 mm



FL-06
260 mm



FL-113
270 mm



Stößel

Tampers

Battitori

Batidor

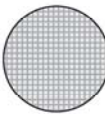
Pilons



-  **FF-147**
Ø3 mm
-  **FF-148**
Ø5 mm
-  **FF-149**
Ø8 mm

CASPAR
FF-147/FF-149
200 mm



-  **FL-253**
Ø12 mm
-  **FL-254**
Ø14 mm
-  **FL-255**
Ø16 mm

FL-253/FL-255
200 mm



-  **FL-256**
3x8 mm
-  **FL-257**
4x10 mm
-  **FL-258**
5x15 mm
-  **FL-259**
6x20 mm

SYPERT
FL-256/FL-259
290 mm



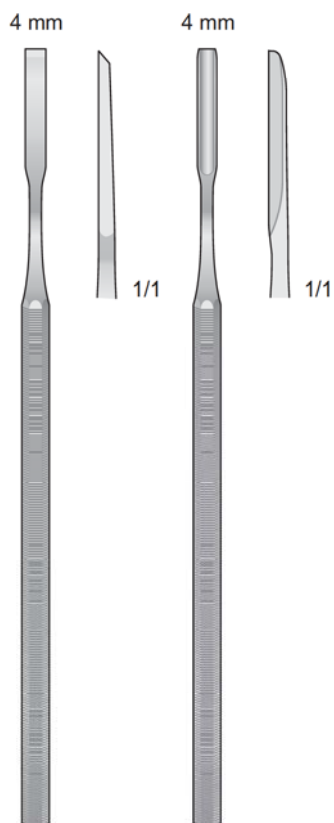
Osteotome - Stossel

Osteotomi - Battitori

Osteotomes - Tampers

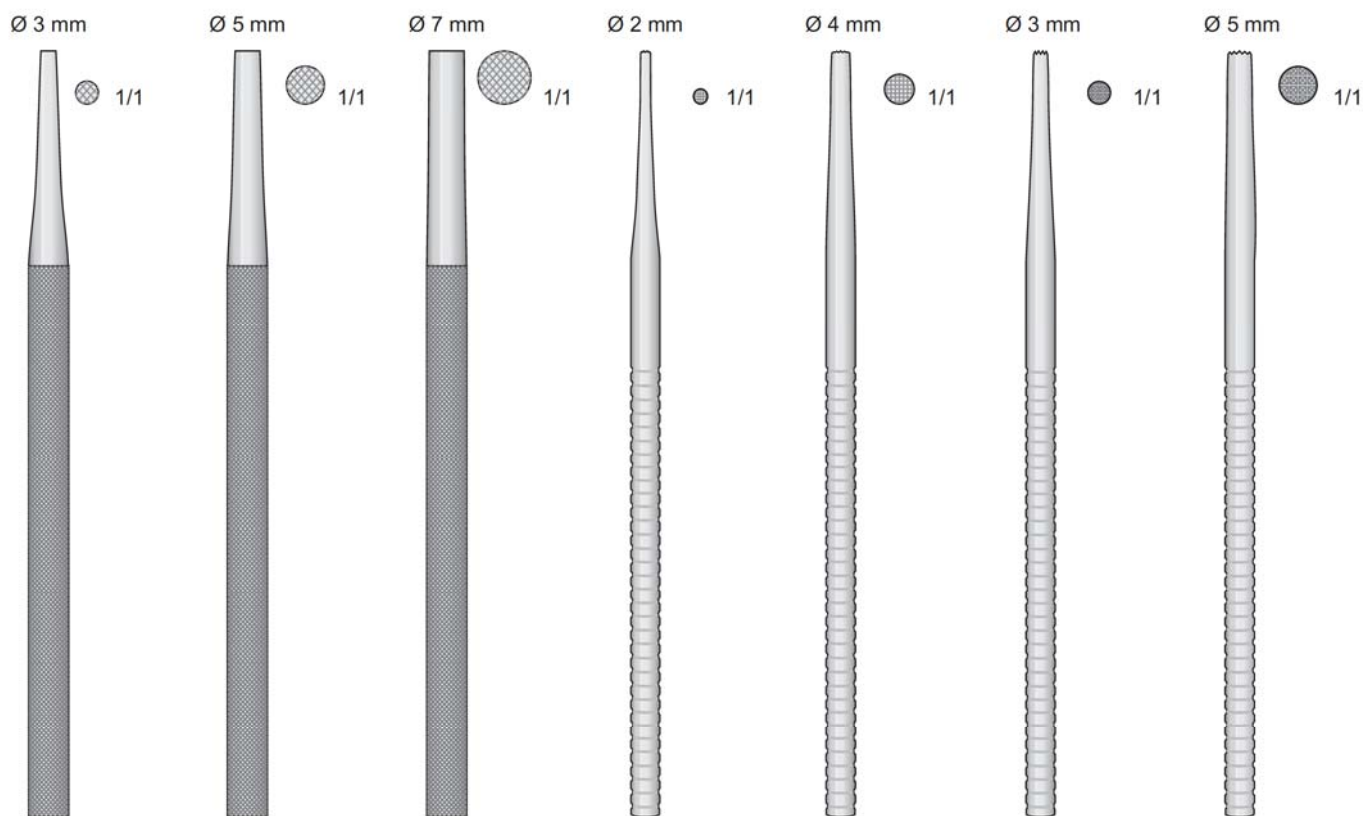
Ostèotomes - Pilons

Osteòtomos - Batidor



BUCKLEY
TG-40
160 mm

BUCKLEY
TG-41
160 mm



FL-20
155 mm

FL-21
155 mm

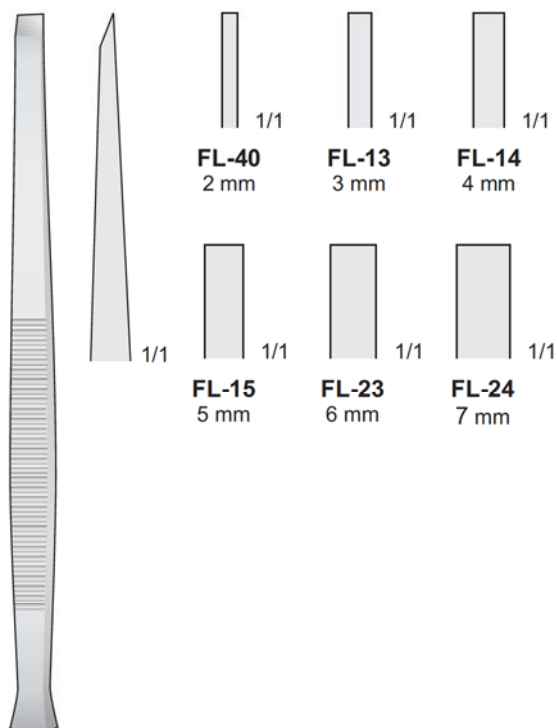
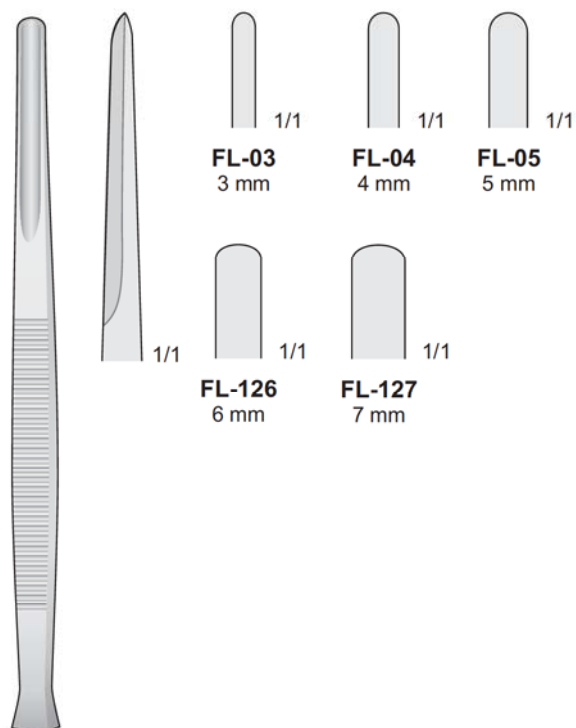
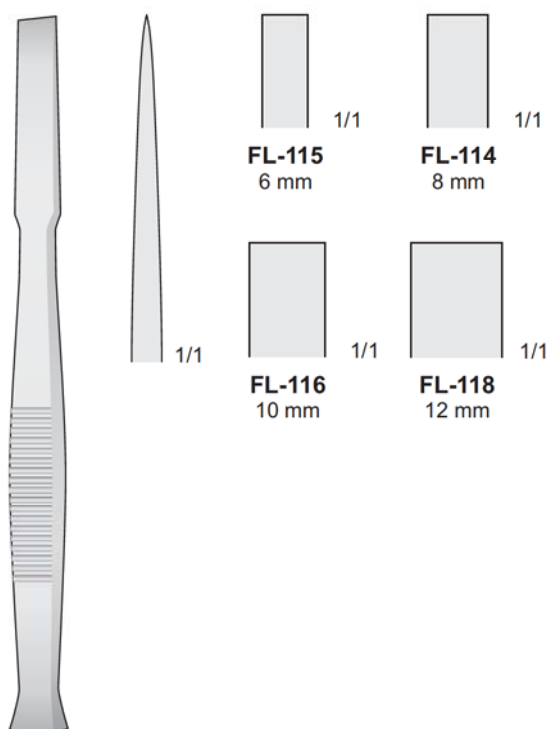
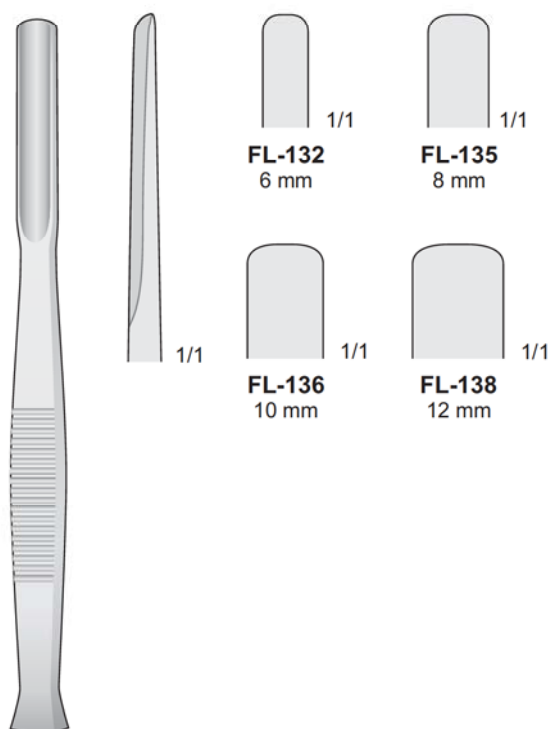
FL-22
155 mm

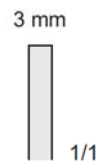
FL-30
155 mm

FL-31
155 mm

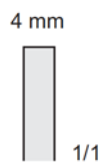
FL-33
155 mm

FL-35
155 mm

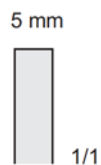
Osteotome - Osteotomes
Osteotomi - Osteótomos - OstéotomesPARTSCH
FL-13/FL-40
140 mmHohlmeissel - Gouges
Sgorbie - Gubias - GougesPARTSCH
FL-03/FL-127
140 mmOsteotome - Osteotomes
Osteotomi - Osteótomos - OstéotomesFL-114/FL-118
140 mmHohlmeissel - Gouges
Sgorbie - Gubias - GougesFL-132/FL-138
140 mm



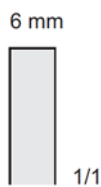
FL-177



FL-179



FL-181

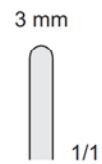


FL-183

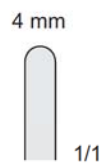


FL-184

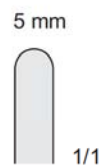
PARTSCH
FL-177/FL-184
170 mm



FL-185



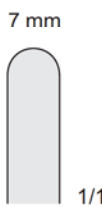
FL-186



FL-187



FL-188



FL-189

PARTSCH
FL-185/FL-189
170 mm



Hohlmeissel

Gouges

Sgorbie

Gubias

Gouges

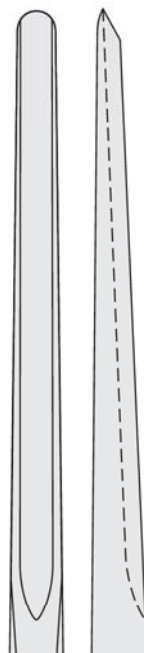
8 mm



COSCIA
FL-368
180 mm

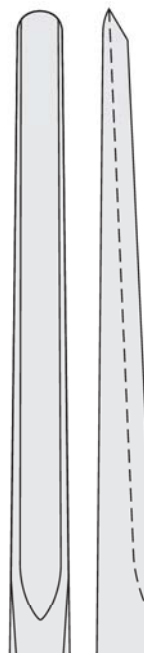


ALEXANDER
FL-206/FL-209
170 mm



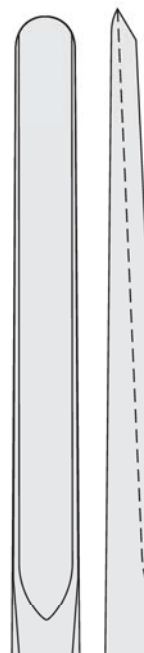
FL-206
5 mm

1/1



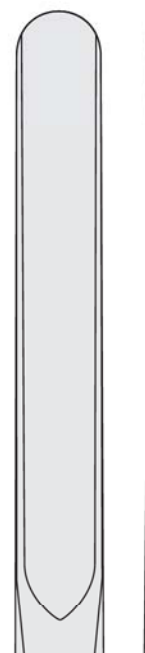
FL-207
7 mm

1/1



FL-208
9 mm

1/1



FL-209
11 mm

1/1



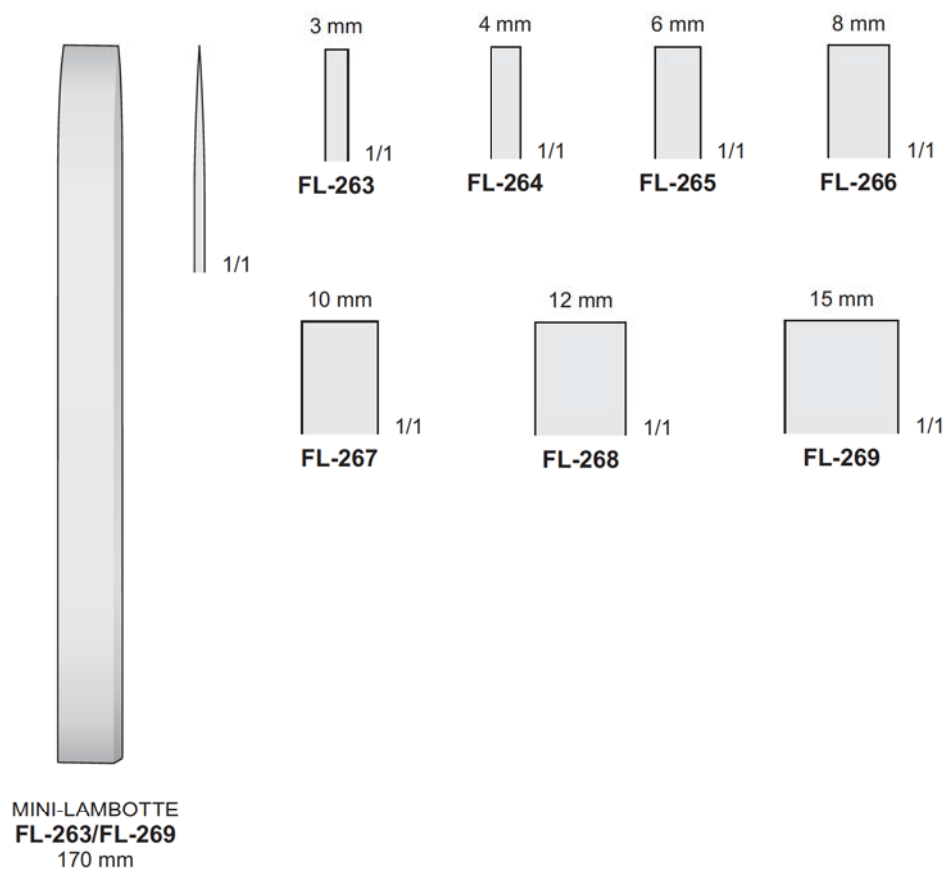
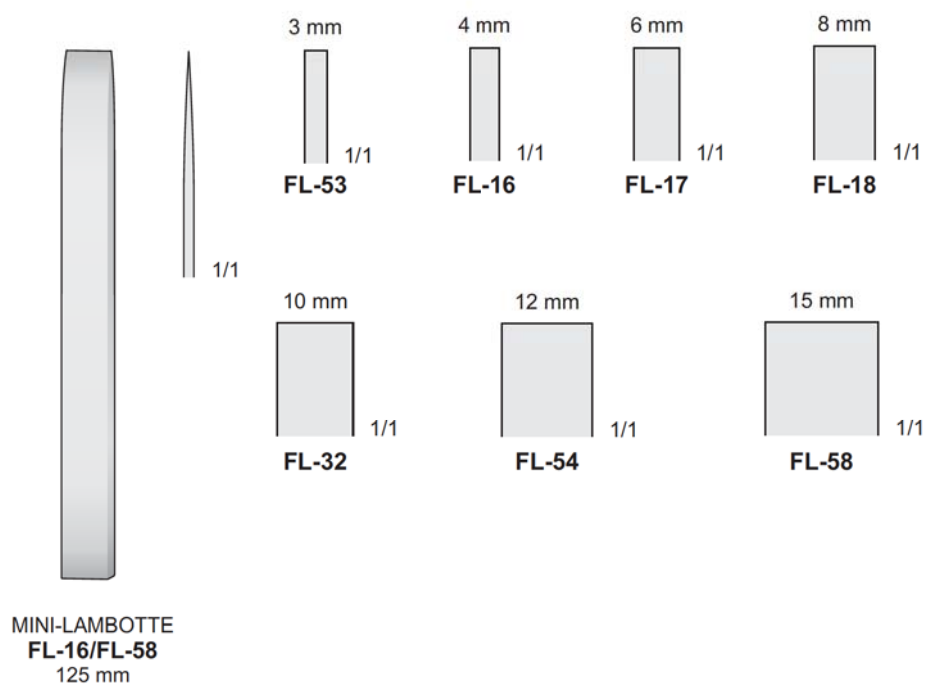
Osteotome

Osteotomes

Osteotomi

Osteòtomas

Ostéotomes





Osteotome

Osteotomes

Osteotomi

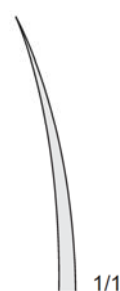
Osteòtoms

Ostéotomes



FL-41 4 mm
FL-29 8 mm
FL-42 10 mm
FL-34 13 mm
FL-43 15 mm
FL-36 18 mm
FL-44 20 mm
FL-45 25 mm
FL-46 30 mm
FL-47 38 mm
FL-48 44 mm
FL-49 50 mm

LAMBOTTE
FL-41/FL-49
250 mm



FL-94 8 mm
FL-95 13 mm
FL-96 18 mm
FL-97 25 mm
FL-98 30 mm
FL-99 38 mm

LAMBOTTE
FL-94/FL-99
250 mm



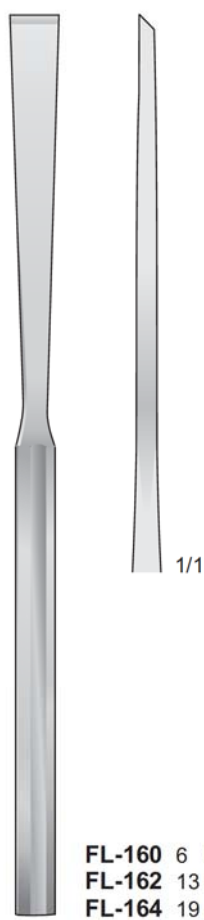
Osteotome

Osteotomes

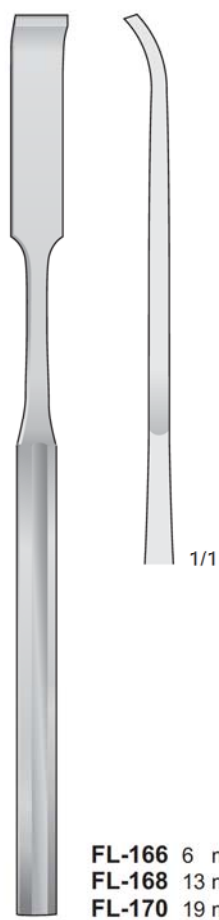
Osteotomi

Osteòtoms

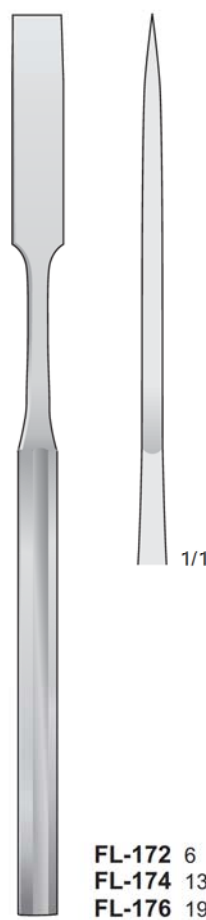
Ostéotomes



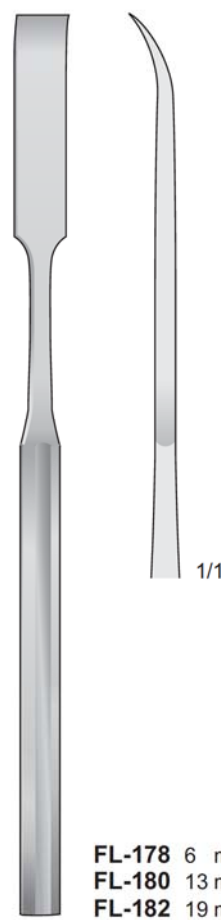
HIBBS
FL-160/FL-164
230 mm



HIBBS
FL-166/FL-170
230 mm



HIBBS
FL-172/FL-176
230 mm



HIBBS
FL-178/FL-182
230 mm



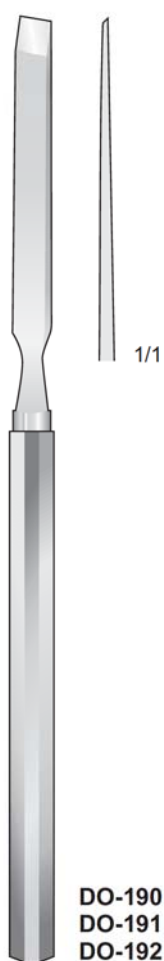
Osteotome

Osteotomes

Osteotomi

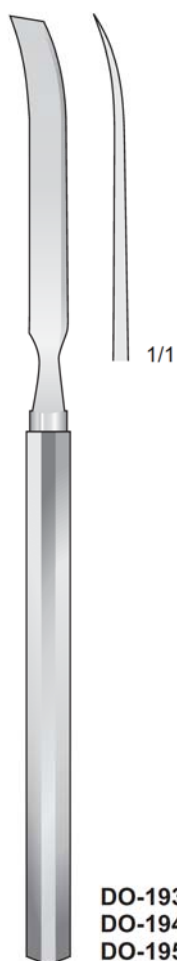
Osteòtoms

Ostéotomes



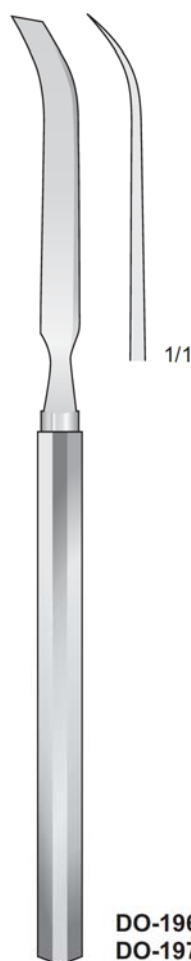
DO-190 4 mm
DO-191 6 mm
DO-192 8 mm

DO-190/DO-192
180 mm



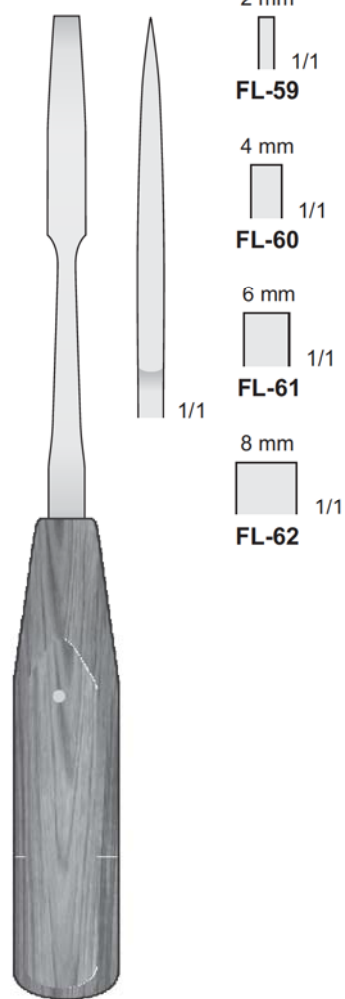
DO-193 4 mm
DO-194 6 mm
DO-195 8 mm

DO-193/DO-195
180 mm



DO-196 6 mm
DO-197 8 mm

DO-196/DO-197
180 mm



MINI-LEXER
FL-59/FL-62
200 mm



10 mm



1/1

FL-63

10 mm



1/1

FL-117

10 mm



1/1

FL-110

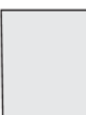
12 mm



1/1

FL-64

12 mm



1/1

FL-119

12 mm



1/1

FL-100

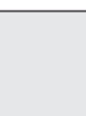
15 mm



1/1

FL-81

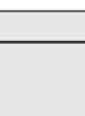
15 mm



1/1

FL-91

15 mm



1/1

FL-101

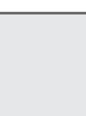
20 mm



1/1

FL-82

20 mm



1/1

FL-92

20 mm



1/1

FL-102

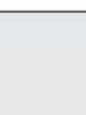
25 mm



1/1

FL-83

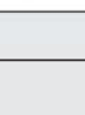
25 mm



1/1

FL-93

25 mm



1/1

FL-103

STILLE
FL-63/FL-83
200 mm



STILLE
FL-91/FL-119
200 mm



STILLE
FL-100/FL-110
200 mm



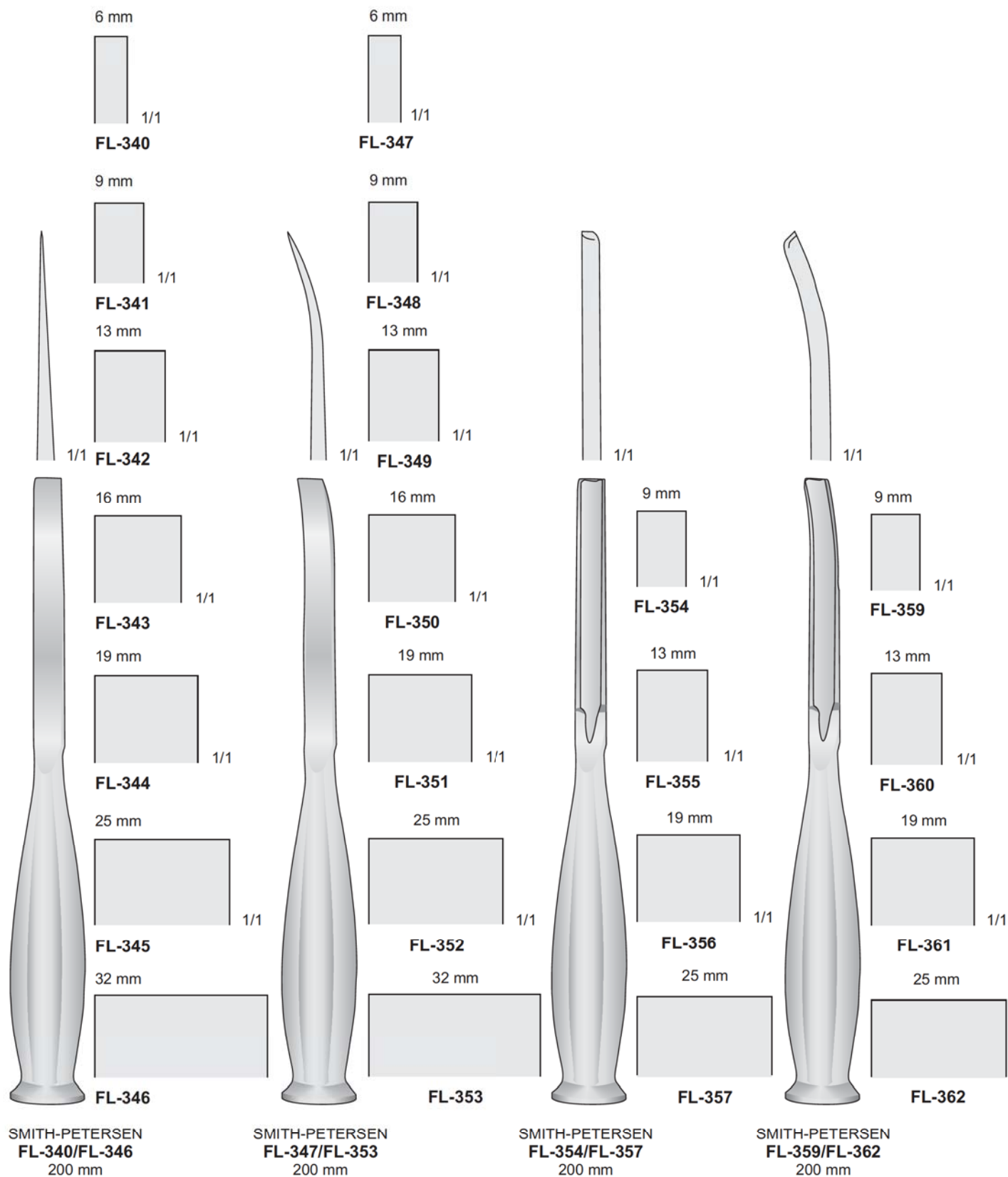
Osteotome

Osteotomes

Osteotomi

Osteòtoms

Ostéotomes





Osteotome

Osteotomes

Osteotomi

Osteòtomas

Ostéotomes

3,0 mm



1/1

FK-273

175 mm

6,0 mm



1/1

FK-274

175 mm

10,0 mm



1/1

FK-275

190 mm

13,0 mm



1/1

FK-276

190 mm

16,0 mm



1/1

FK-277

200 mm

19,0 mm



1/1

FK-278

200 mm

25,0 mm



1/1

FK-279

210 mm



FL-307 10 mm

FL-308 15 mm

FL-309 20 mm

FL-310 30 mm

TESSIER
FL-307/FL-310
200 mm



FL-311 10 mm

FL-312 15 mm

TESSIER
FL-311/FL-312
200 mm



KEY
FK-273/FK-279
190 mm



Osteotome

Osteotomes

Osteotomi

Osteòtoms

Ostéotomes



1/1

FL-230 4 mm
FL-231 6 mm
FL-232 8 mm
FL-233 10 mm
FL-234 12 mm

MINI-LEXER
FL-230/FL-234
180 mm



1/1

FL-240 4 mm
FL-241 6 mm
FL-242 8 mm
FL-243 10 mm
FL-244 12 mm

MINI-LEXER
FL-240/FL-244
180 mm



1/1

FL-190 4 mm
FL-191 6 mm
FL-192 8 mm
FL-193 10 mm
FL-194 12 mm

LEXER
FL-190/FL-194
180 mm



Osteotome

Osteotomes

Osteotomi

Osteòtoms

Ostéotomes



1/1

FL-210 5 mm
FL-211 7 mm
FL-212 10 mm
FL-213 15 mm
FL-214 20 mm
FL-215 25 mm
FL-216 30 mm

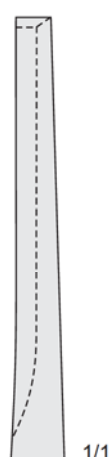
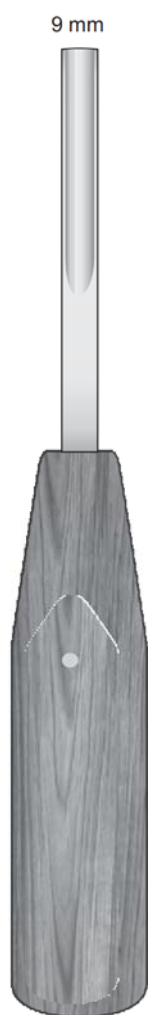
LEXER
FL-210/FL-216
220 mm



1/1

FL-220 5 mm
FL-221 7 mm
FL-222 10 mm
FL-223 15 mm
FL-224 20 mm
FL-225 25 mm
FL-226 30 mm

LEXER
FL-220/FL-226
220 mm



1/1

9 mm

FL-272
220 mm



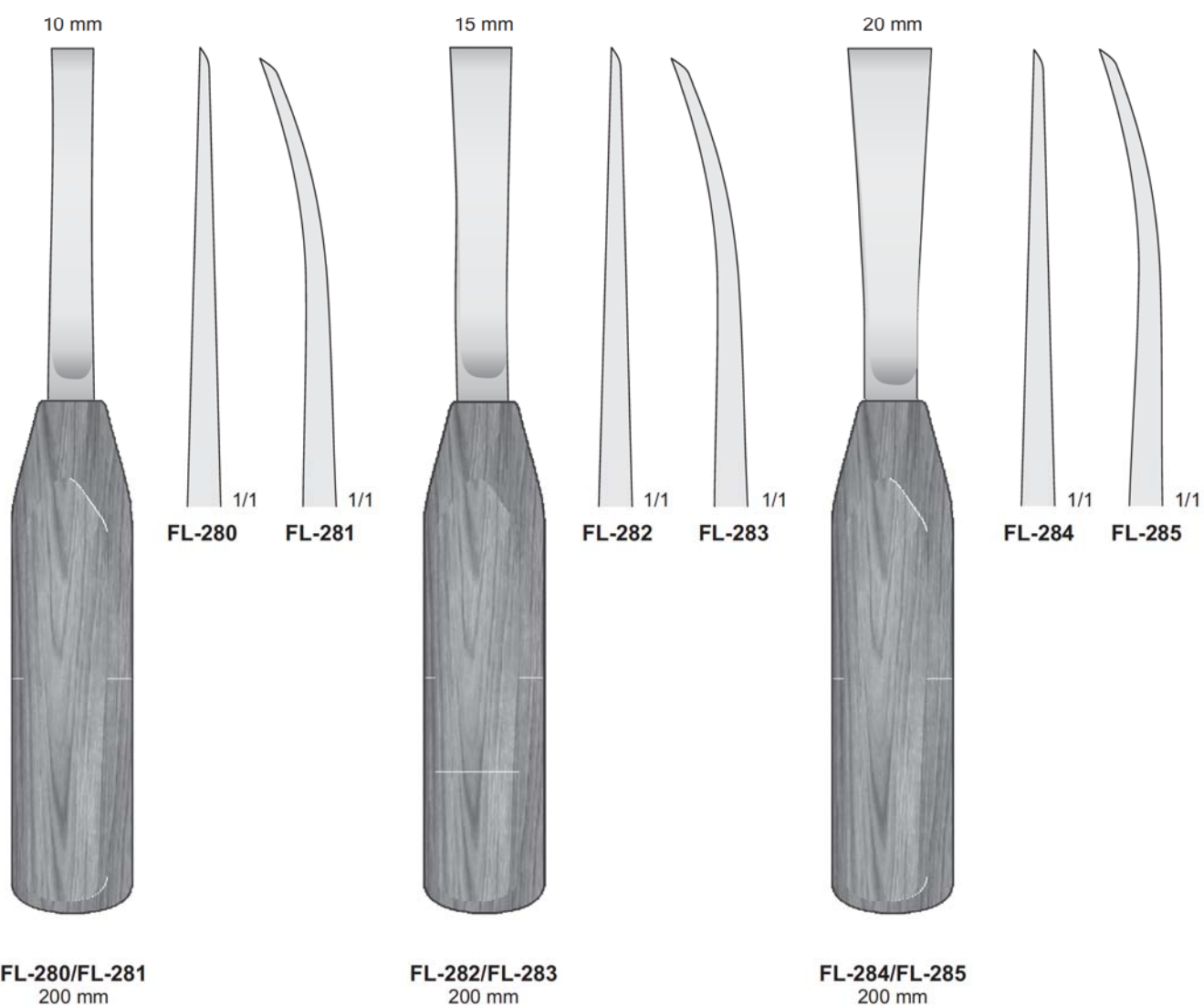
Osteotome

Osteotomes

Osteotomi

Osteòtoms

Ostéotomes





Osteotome

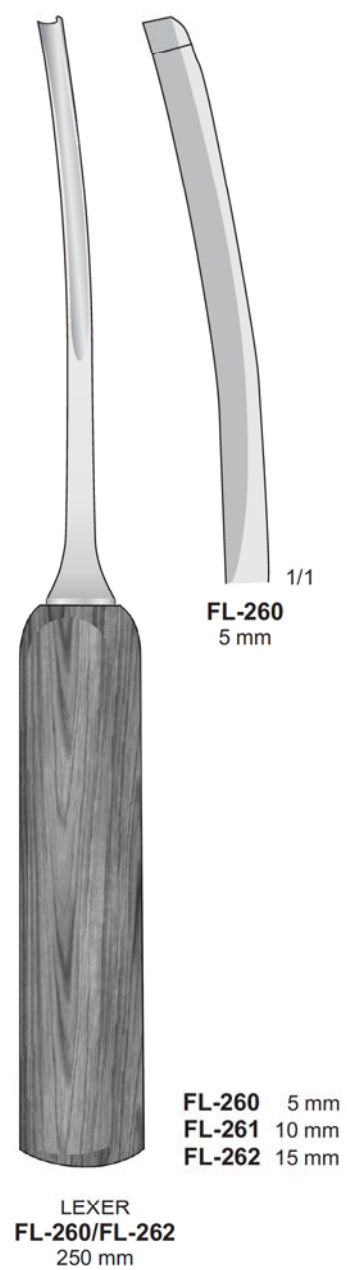
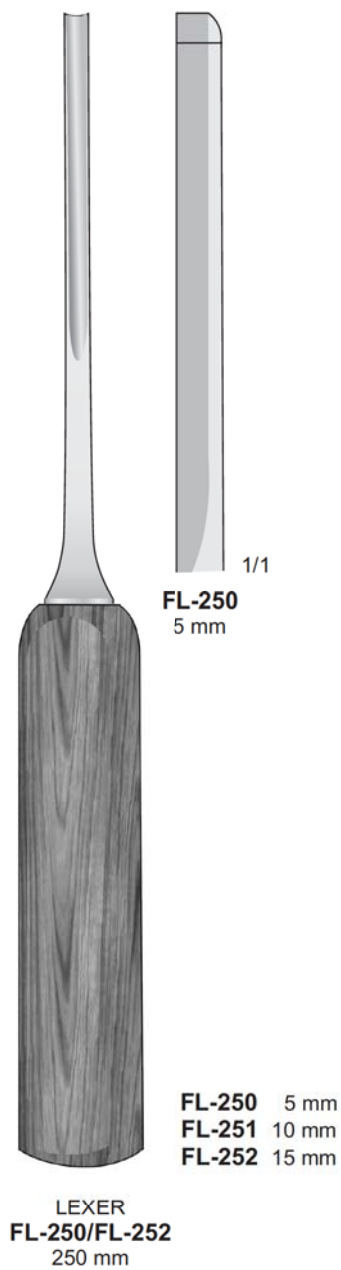
Osteotomes

Osteotomi

Osteòtomas

Ostéotomes

Hohlmeissel - Gouges
Sgorbie - Gubias - Gouges





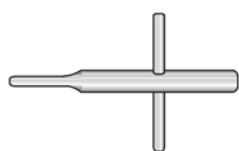
Osteotome

Osteotomes

Osteotomi

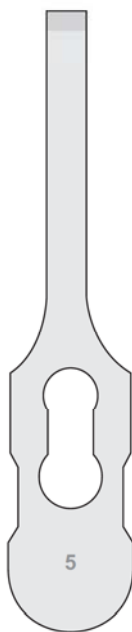
Osteòtomas

Ostéotomes



FL-84
90 mm

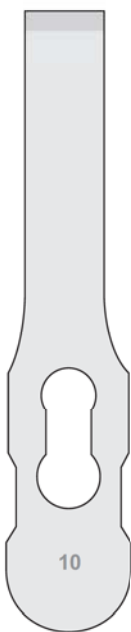
Fig. 1
5 mm



FL-86
85 mm

1/1

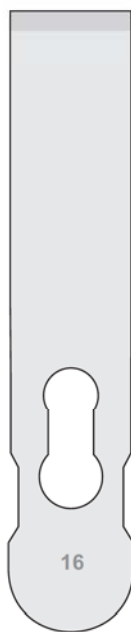
Fig. 2
10 mm



FL-87
85 mm

1/1

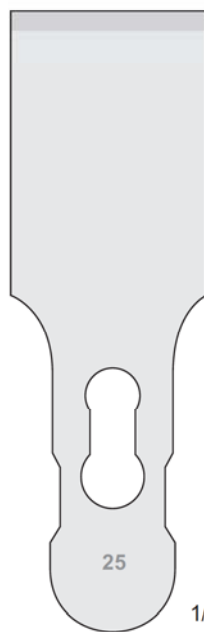
Fig. 3
16 mm



FL-88
85 mm

1/1

Fig. 4
25 mm



FL-89
85 mm

1/1

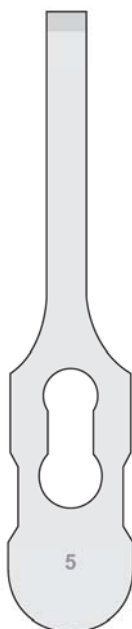


Meißel
Chisel
Scalpelli
Cinceles
Ciseaux-burins



FL-85
190 mm

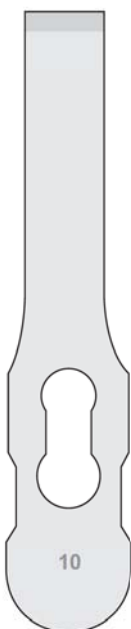
Fig. 1
5 mm



FL-286
85 mm

1/1

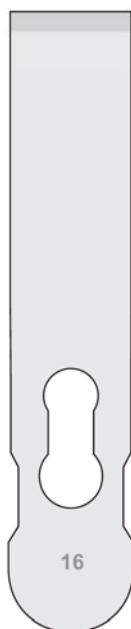
Fig. 2
10 mm



FL-287
85 mm

1/1

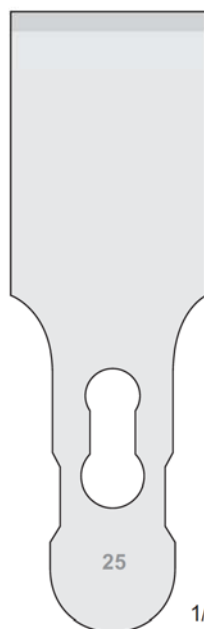
Fig. 3
16 mm



FL-288
85 mm

1/1

Fig. 4
25 mm



FL-289
85 mm

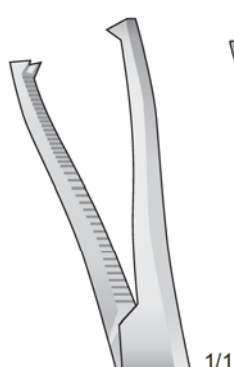
1/1



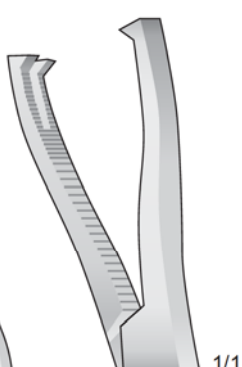
Osteotom
Gouge
Osteotomi
Cubias
Gouges



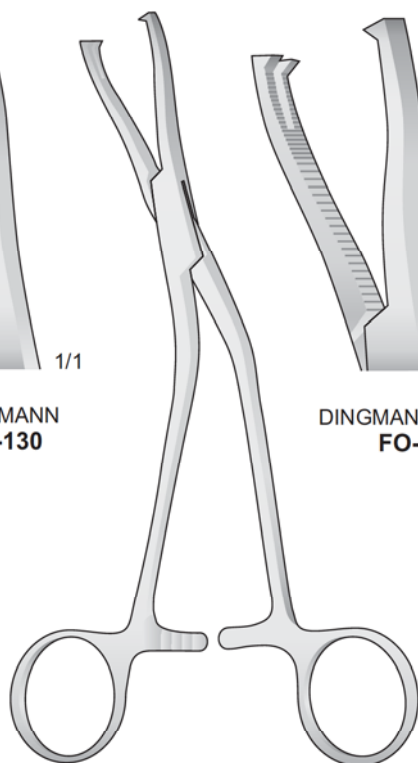
Meniskus und Knorpelfasszangen - Meniscus and cartilage clamp
Pinze per menisco e cartilagine - Pinces à saisir ménisque et cartilages



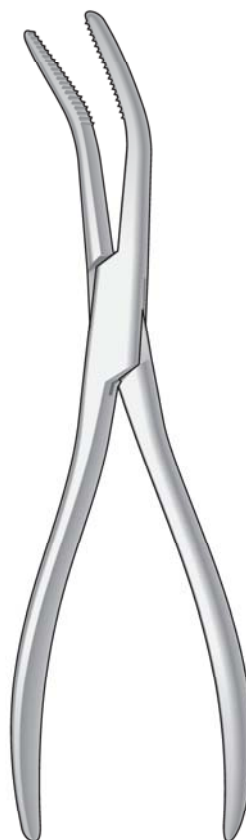
DINGMANN
FO-130



DINGMANN MODIF.
FO-131

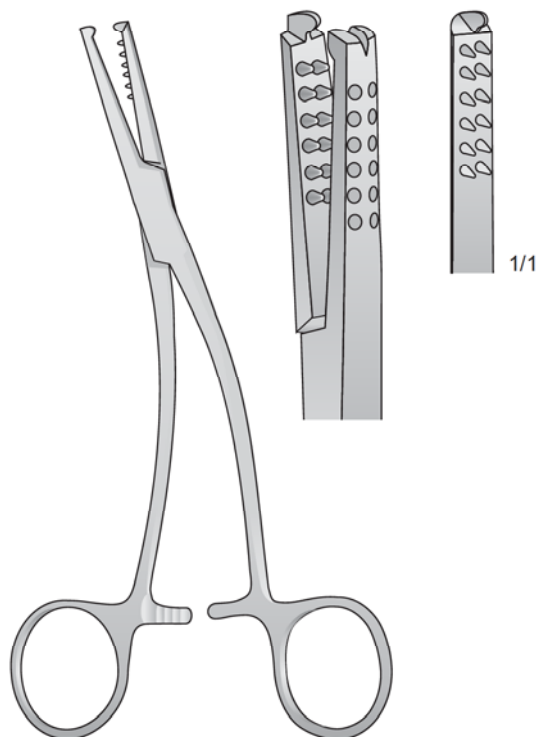


DINGMANN
FO-130/FO-131
190 mm

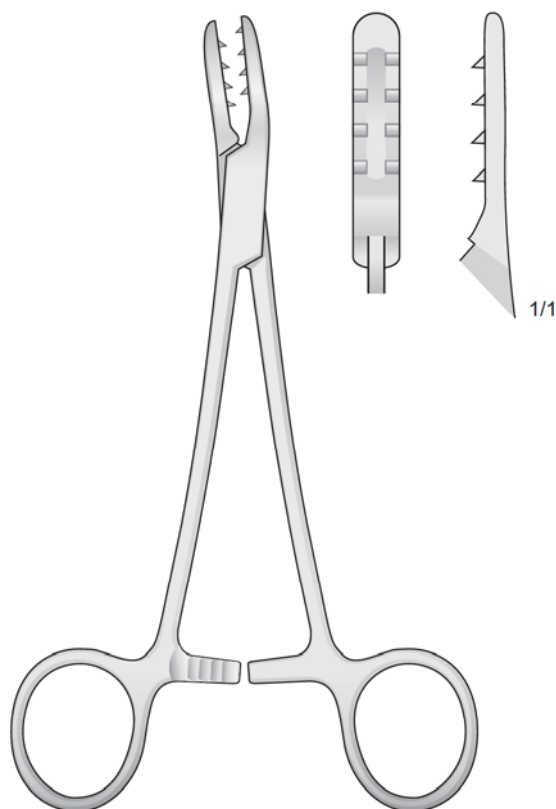


VAN BUREN
FO-217
225 mm

Seitwärts gebogen
Curved to side
Curva su un lato



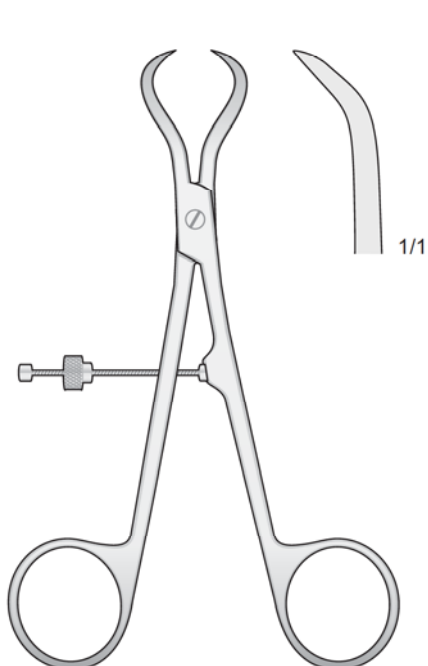
FO-134
185 mm



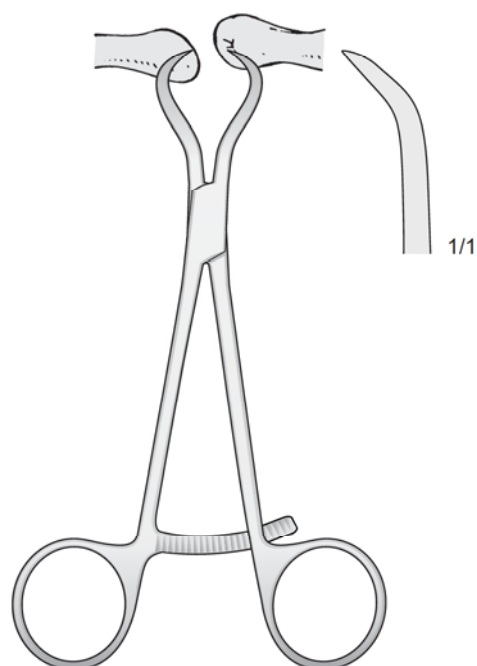
MARTIN
FO-133
200 mm



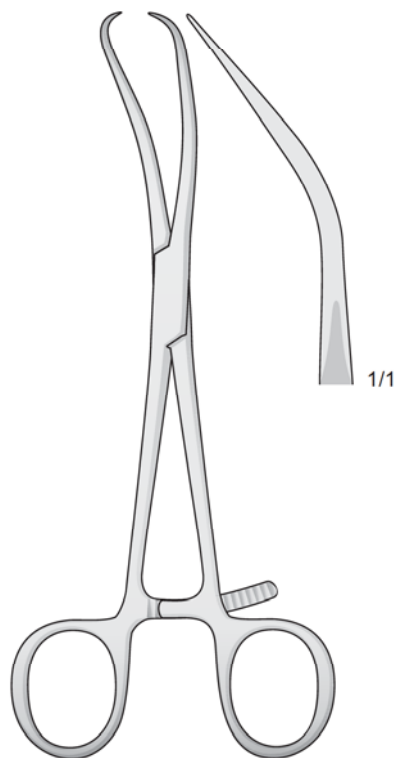
Repositionszangen - Reposition forceps
Pinze riposizionatrici di osso - Pinzas para la reducción de huesos



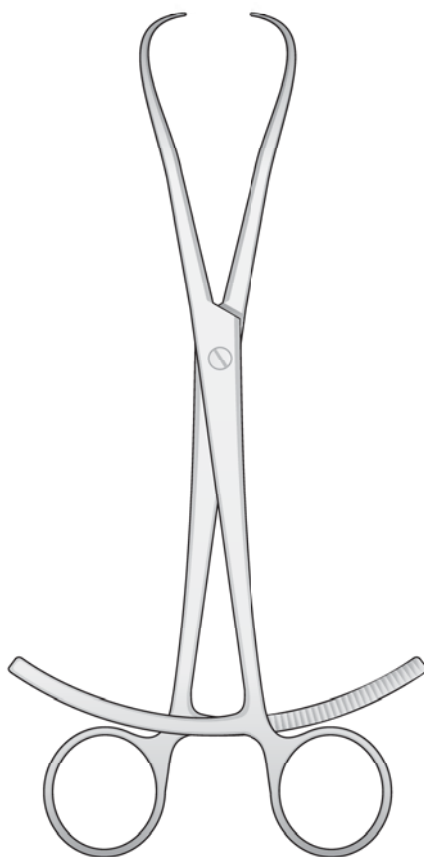
FO-79
140 mm



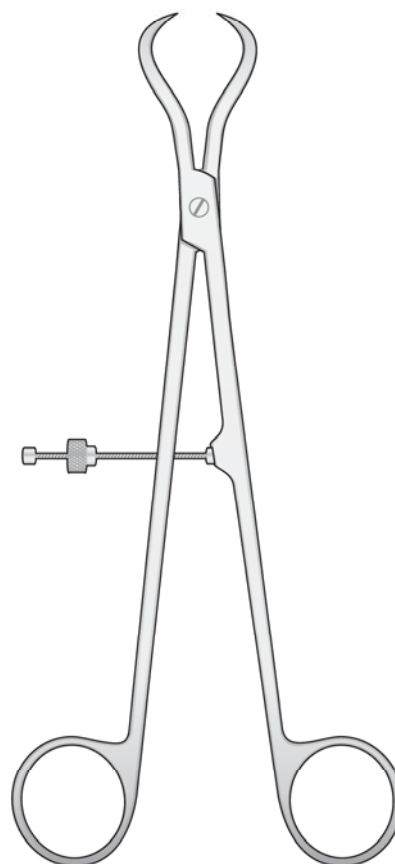
FO-66
135 mm



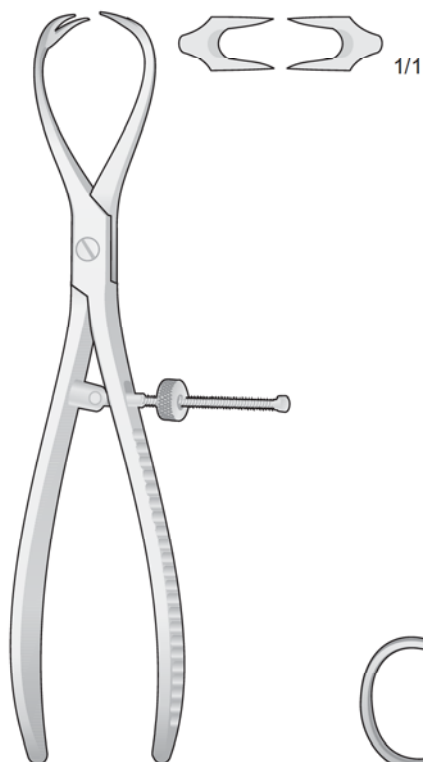
REILL
FO-64
170 mm



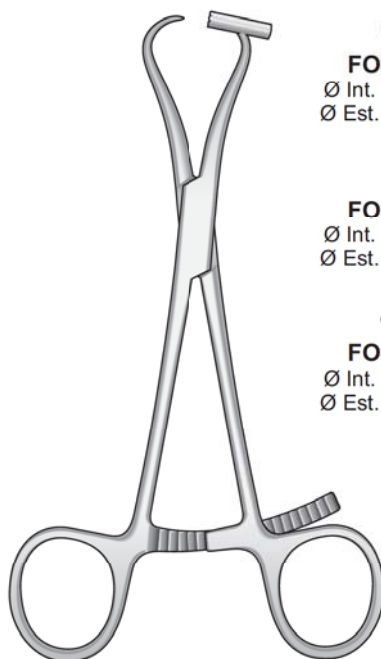
FO-68
200 mm



FO-81
210 mm



PATELLA
FO-46
185 mm



FO-240
Ø Int. 1,0 mm
Ø Est. 2,0 mm

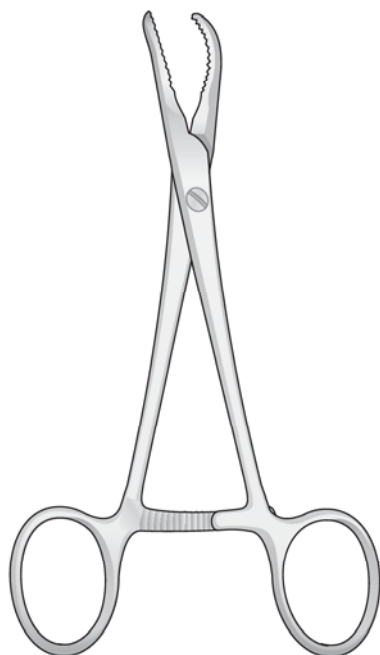
FO-241
Ø Int. 1,3 mm
Ø Est. 2,3 mm

FO-242
Ø Int. 1,6 mm
Ø Est. 2,6 mm

FO-240/FO-242
140 mm

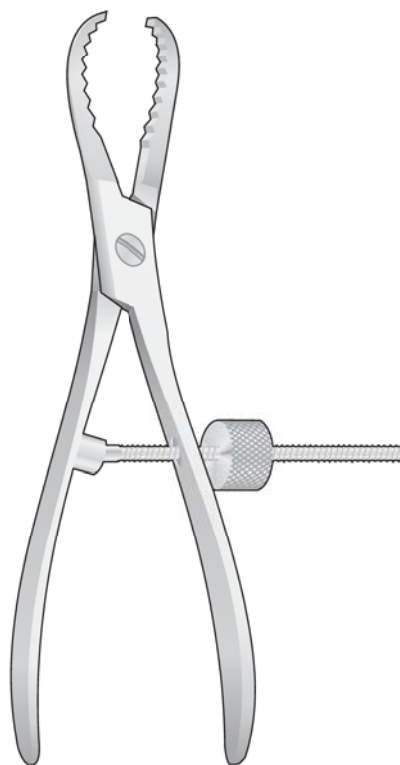
Zange mit Gewindsperre
Forceps with thread fixation
Pinza con regolazione
Davier avec système d'arrêt fileté

Zange mit Zahnsperre
Forceps with ratchet fixation
Pinza con cremagliera
Davier à crémaillère

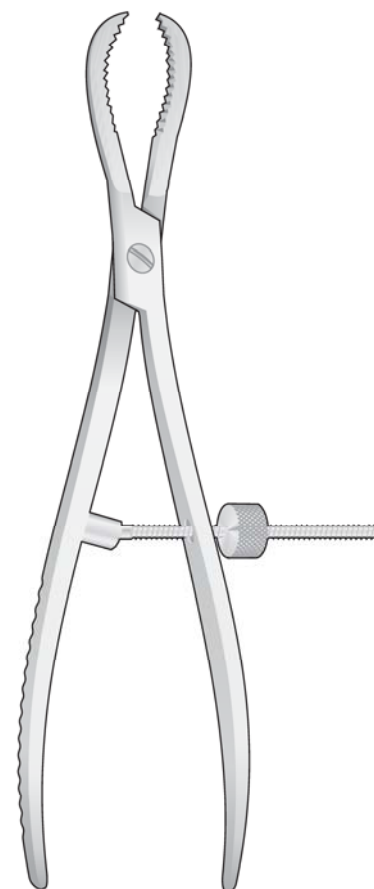


FO-47
140 mm

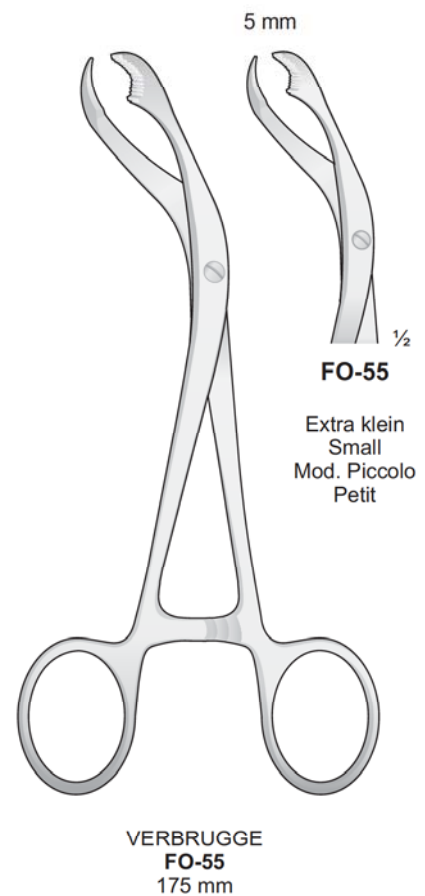
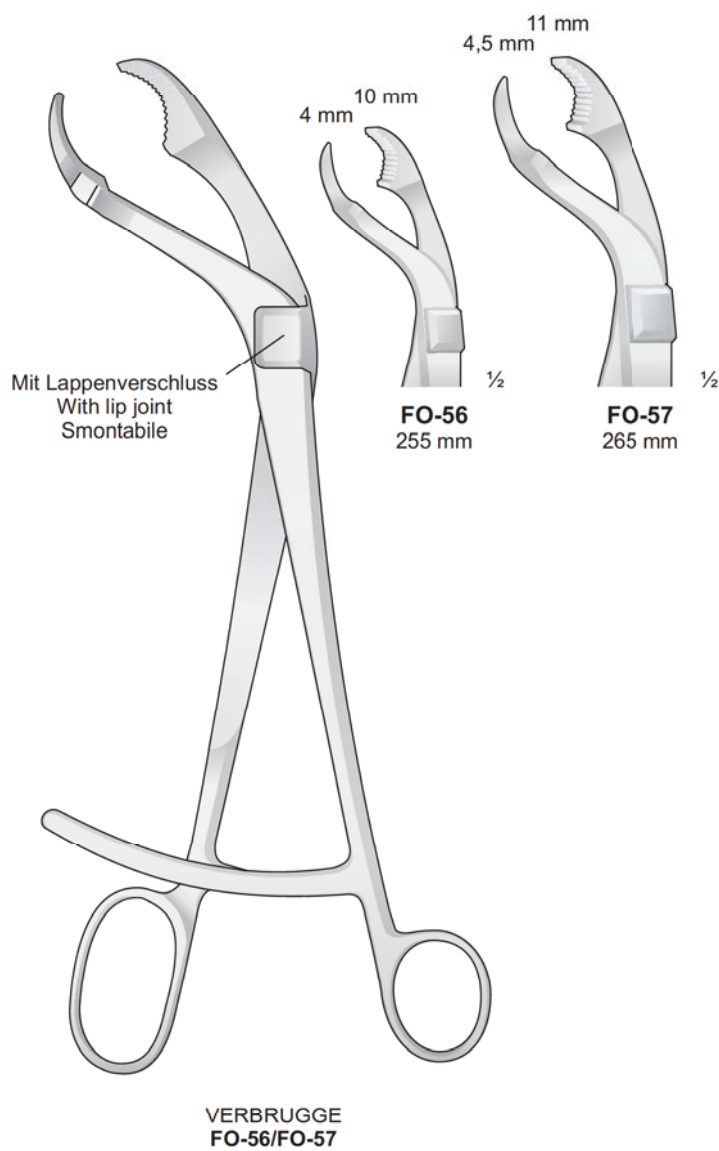
Zange mit Gewindsperre
Forceps with thread fixation
Pinza con regolazione
Davier avec système d'arrêt fileté



FO-48
170 mm

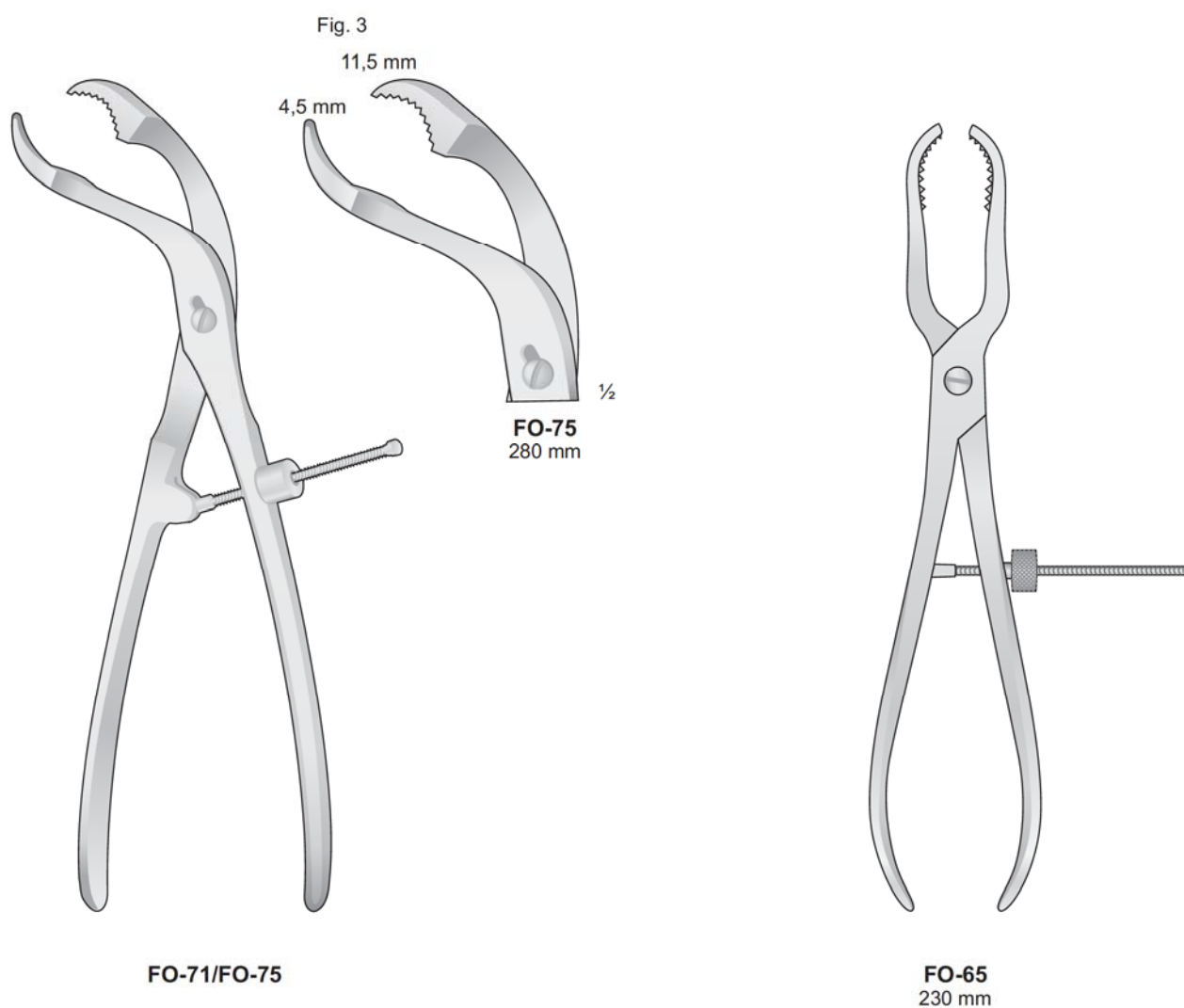
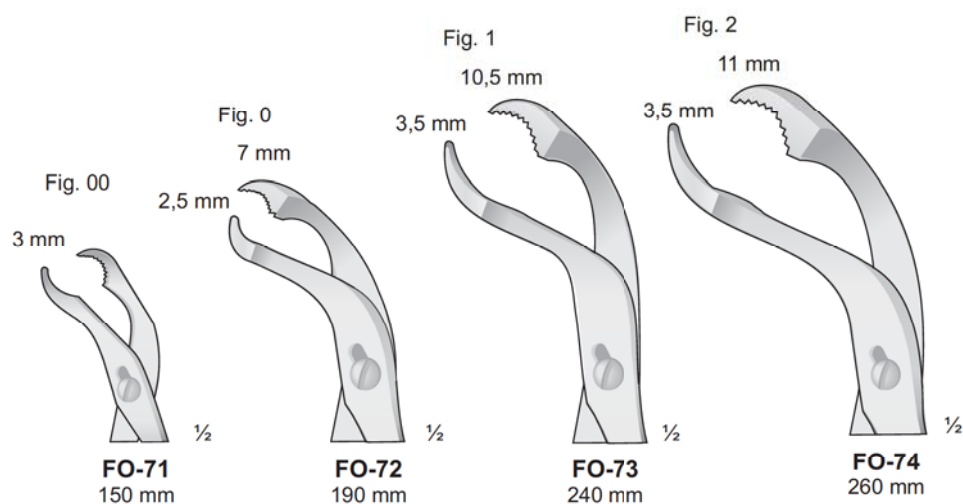


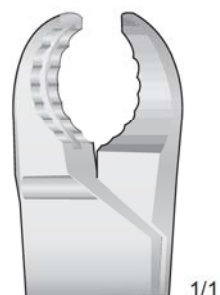
FO-49
235 mm





Selbstzentrierend mit Gewindesperre
Self-centering bone holding forceps with thread lock
Autocentrante con blocco
À centrage automatique avec arrêt de filetage





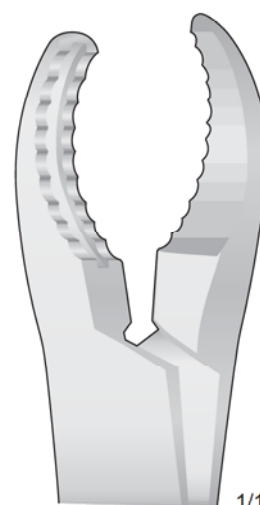
1/1

FO-62
230 mm



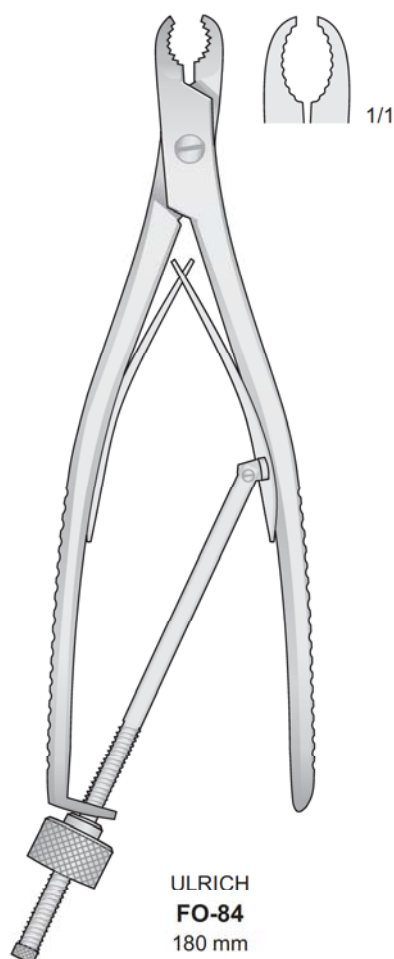
1/1

FO-82
250 mm



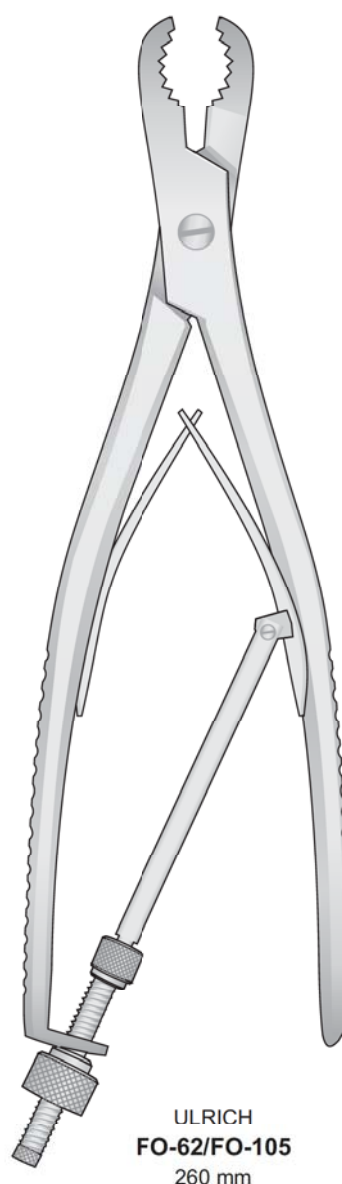
1/1

FO-105
280 mm

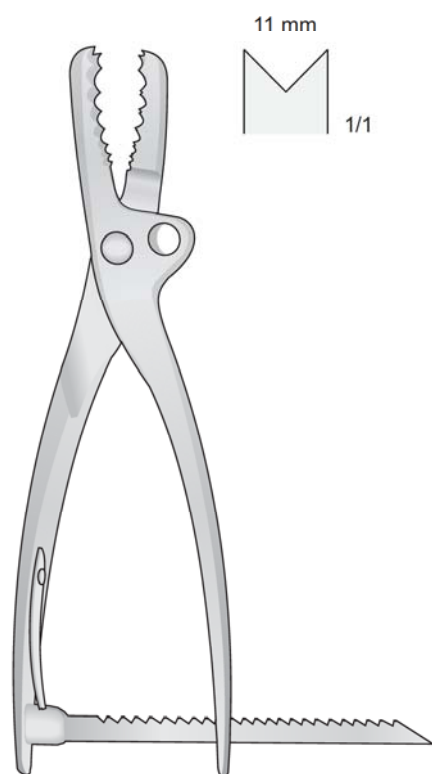


1/1

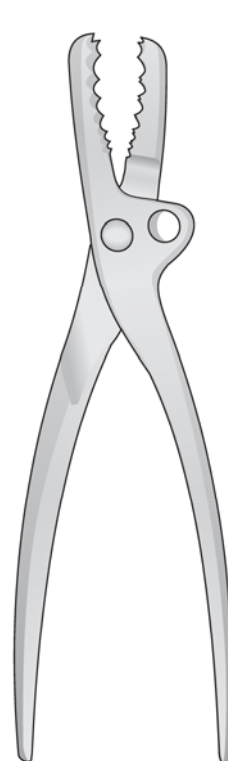
ULRICH
FO-84
180 mm



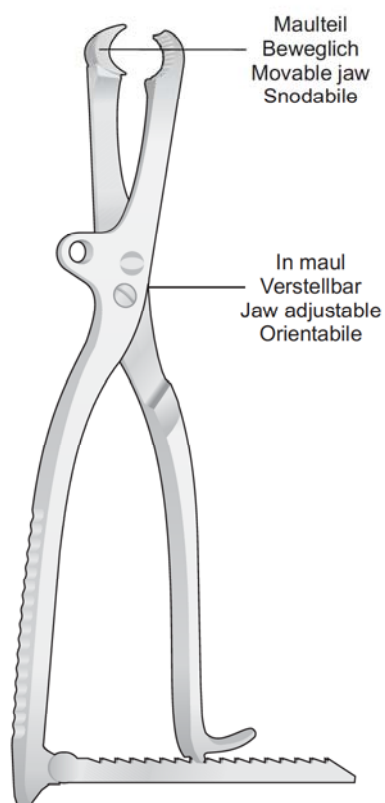
ULRICH
FO-62/FO-105
260 mm



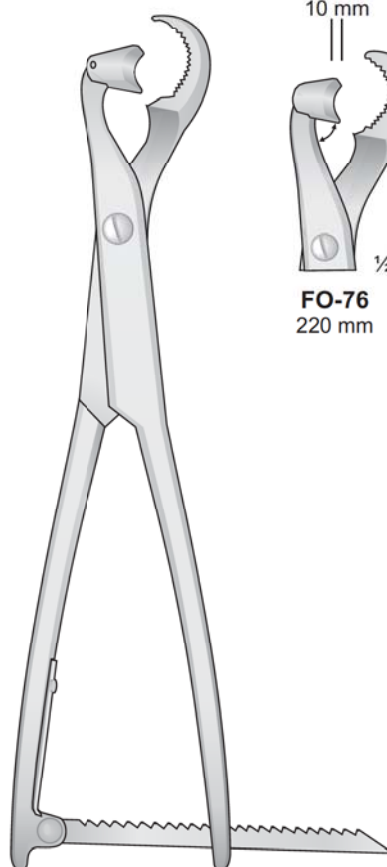
FARABEUF-LAMBOTTE
FO-52
250 mm



FARABEUF
FO-51/FO-54



LAMBOTTE
FO-44
265 mm



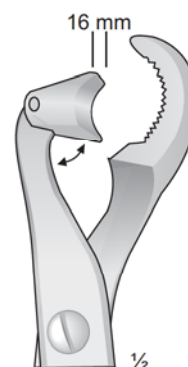
LAMBOTTE
FO-50/FO-76



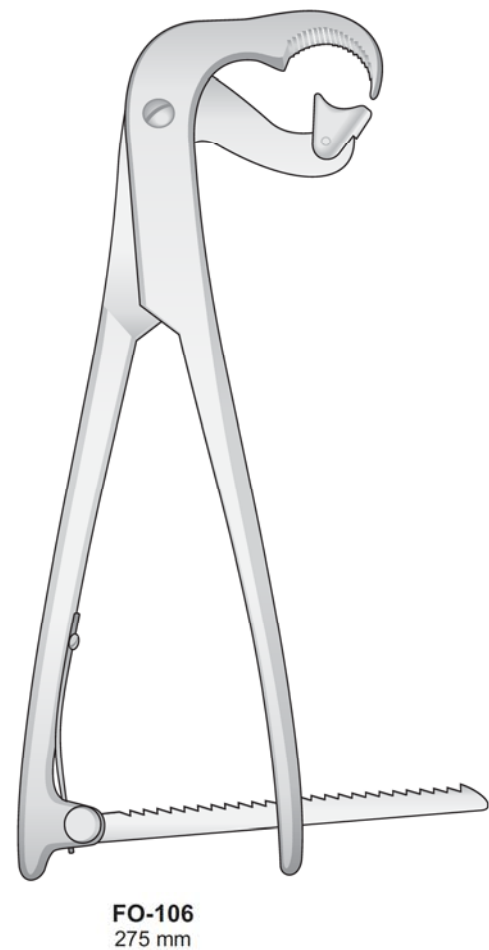
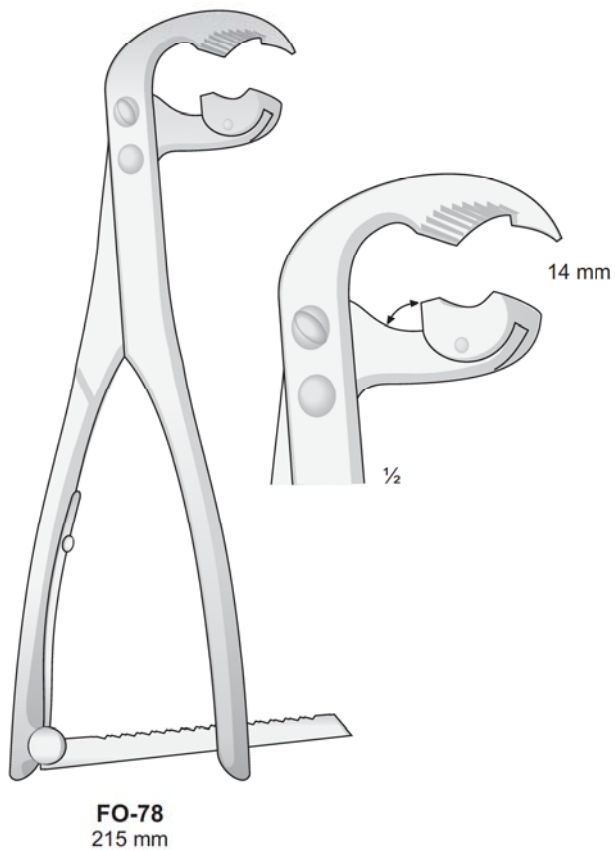
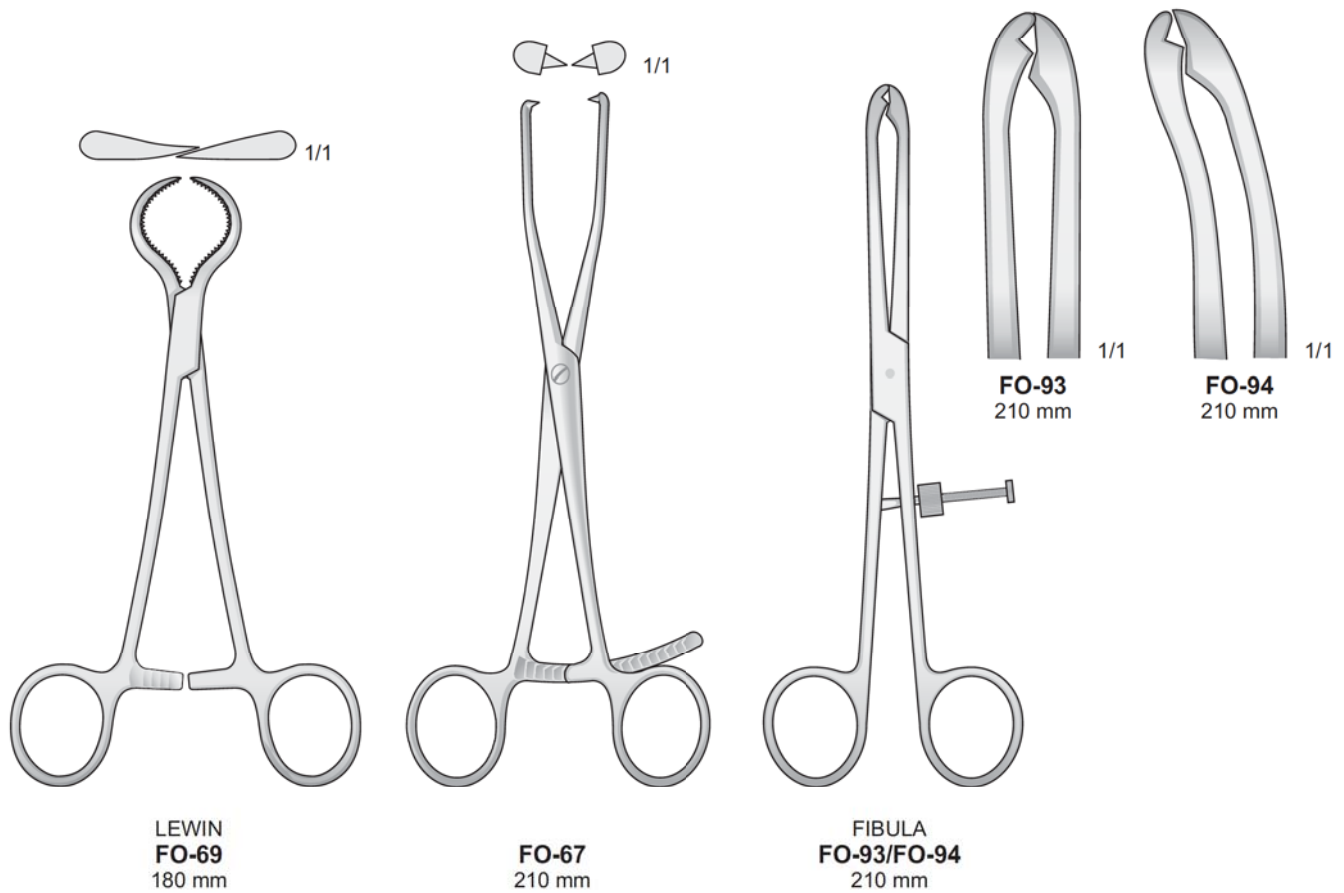
FO-76
220 mm

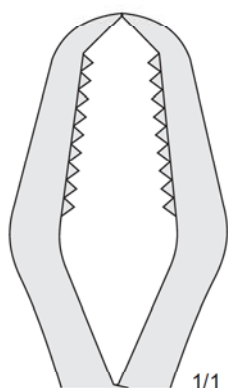


FO-53
260 mm

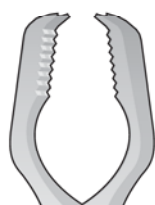


FO-50
330 mm



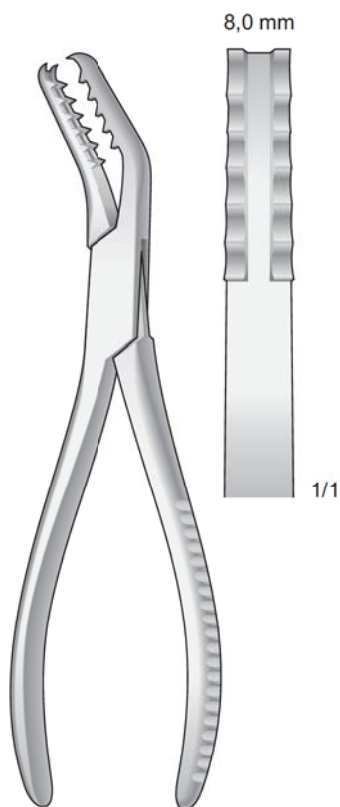


1/1

13 mm
||

1/1

LANE
FO-116
320 mm



8,0 mm

1/1

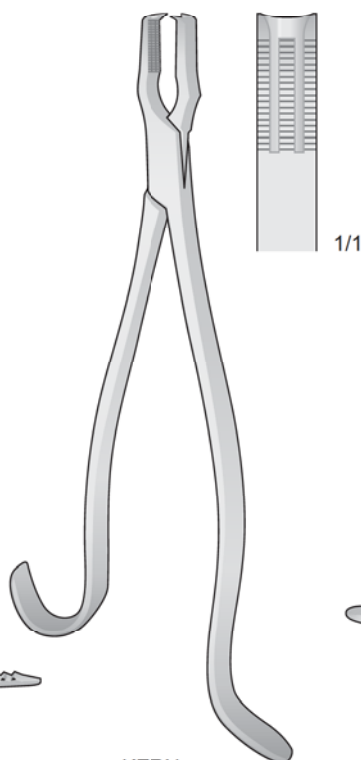
SEMB
FO-236
190 mm



8,0 mm

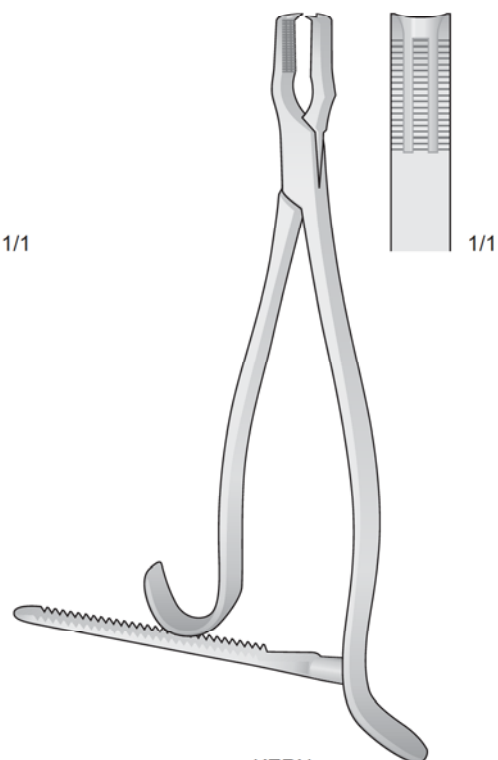
1/1

SEMB
FO-237
190 mm



1/1

KERN
FO-114 170 mm
FO-115 220 mm



1/1

KERN
FO-110 170 mm
FO-112 220 mm



Knochenhalteklammern

Bone holding clamps

Pinze per osso

Pinces à os

Pinzas para huesos



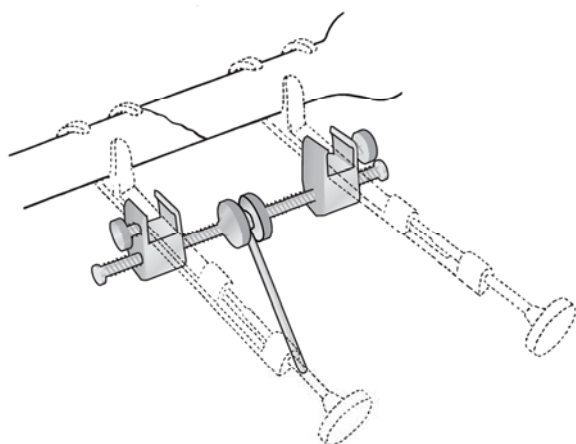
LANGENBECK
FO-99
200 mm



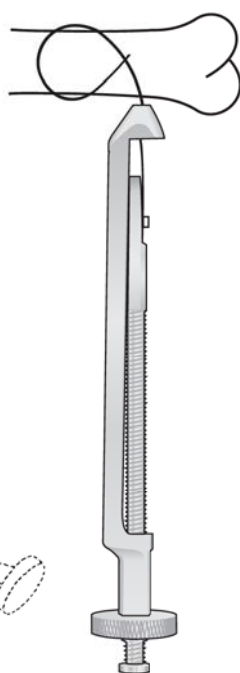
LANGENBECK
FO-111
205 mm



FERGUSSON
FO-113
205 mm



GERSTER
FO-96



PARHAM
FO-98
175 mm

Matrice di ricambio
per FO-98



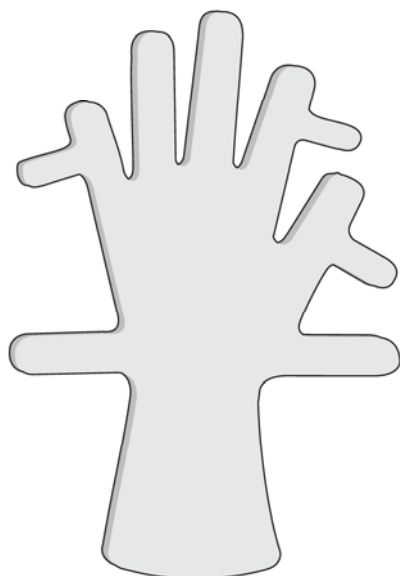
FO-97
190 mm



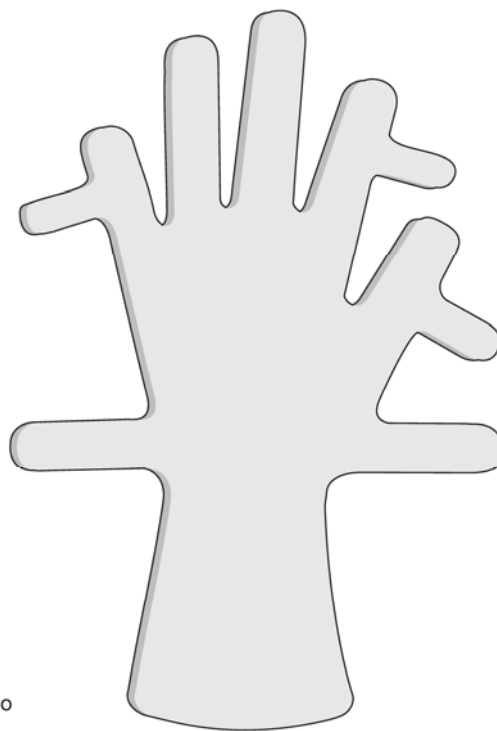
GERSTER-LOWMAN
FO-90 120 mm
FO-91 185 mm
FO-92 200 mm



Für kinder
For children
Per bambini
Para niños
Pour enfants

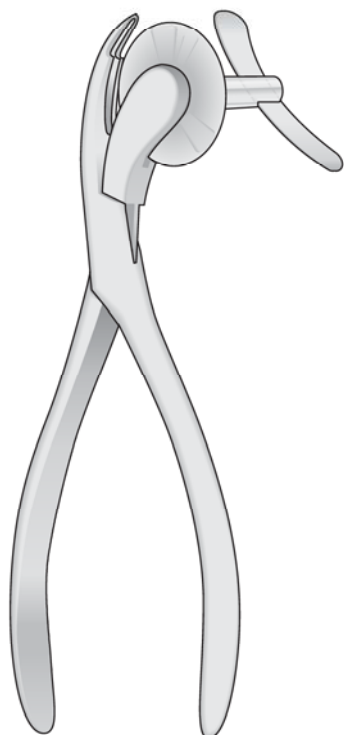
**FO-299**

Für Erwachsene - For adults - Per adulti
Para adultos - Pour adultes

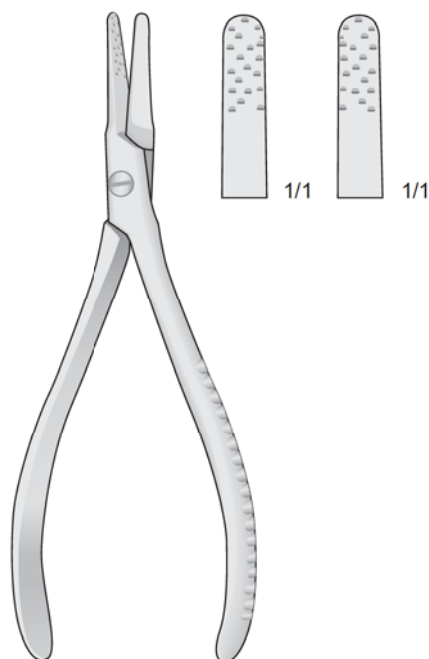
**FO-300**

Bleihände
Lead hands
Mani di piombo
Manos de plombo
Main de plomb

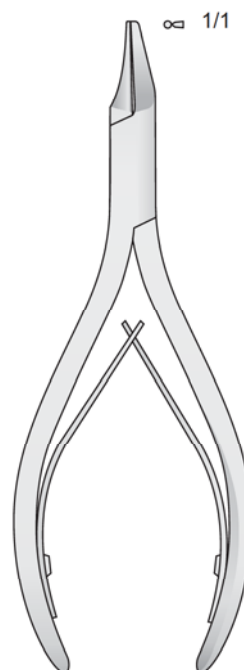
Fingerringsägen - Forceps for opening rings
Pinza taglia anelli - Sierra para anillos - Scies pour bagues

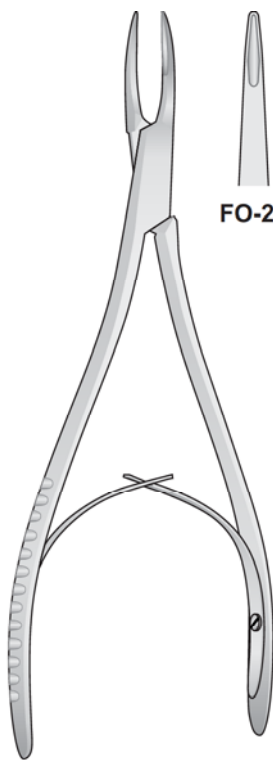
**FO-80**
170 mm

Nagel -Ausreisszange
Nail extracting forceps
Pinza per estrazione delle unghie
Pinzas para arrancar uñas
Pince pour extraire les ongles

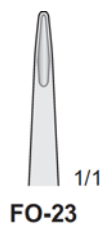
**RADOLF**
FO-159
135 mm

Nagelspaltzange
Nail nipper
Pinza per unghie
Pinzas corta uñas
Pince à ongles

**DP-09**
135 mm



MINI-FRIEDMANN
FO-22/FO-220
150 mm



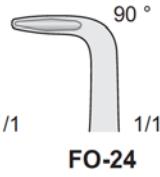
FO-23



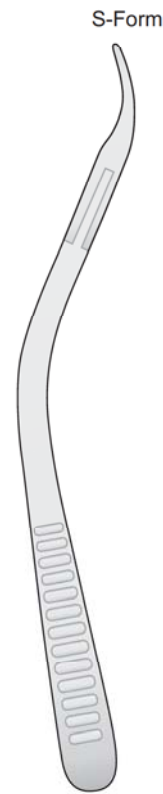
FO-22



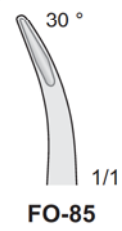
FO-220



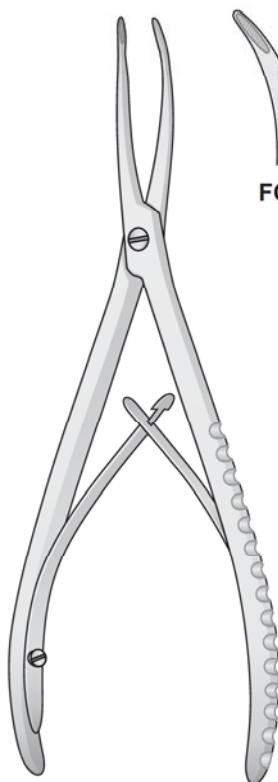
FO-24



MINI-FRIEDMANN
FO-85
145 mm



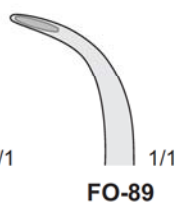
FO-85



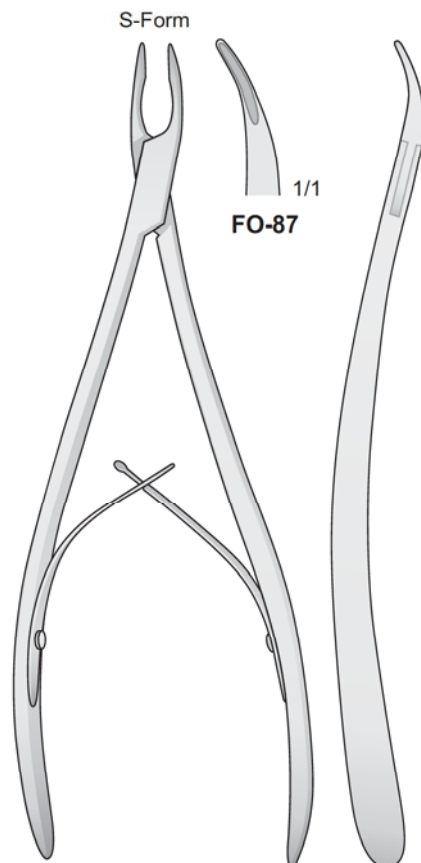
STELLBRINK
FO-88/FO-89
170 mm



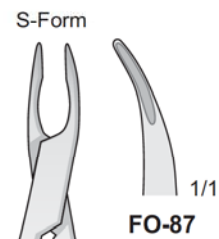
FO-88



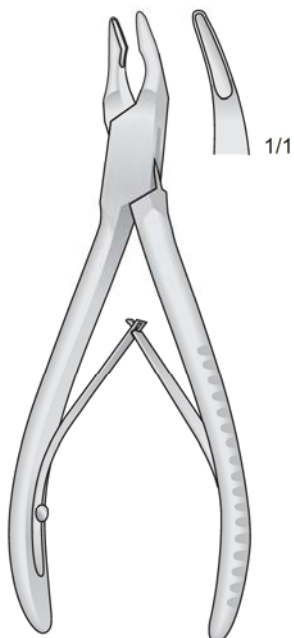
FO-89



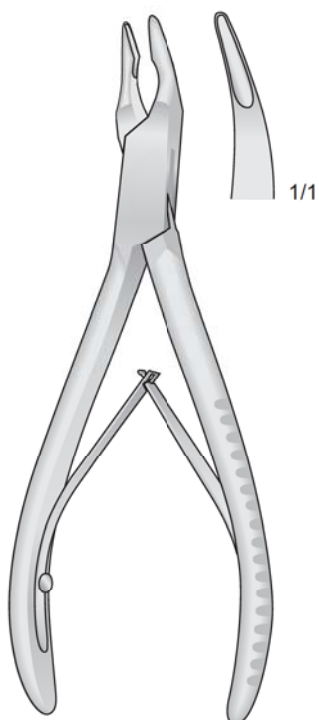
STELLBRINK
FO-87
190 mm



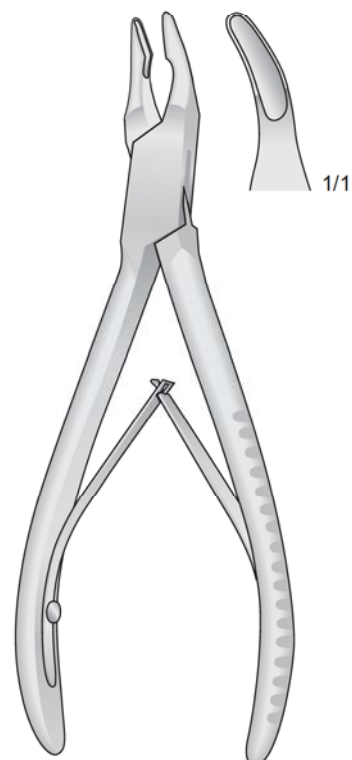
FO-87



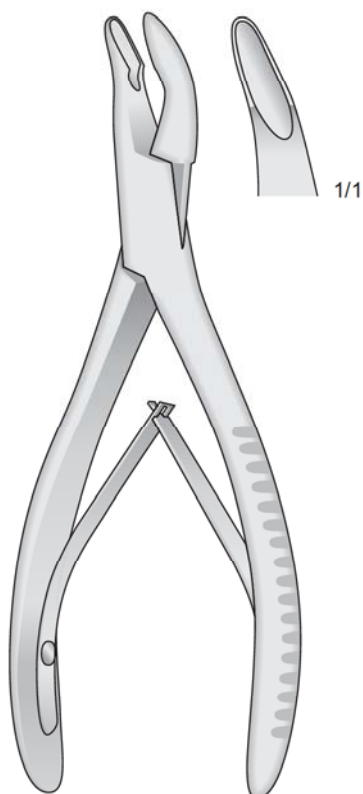
MINI FRIEDMANN
FO-15
120 mm



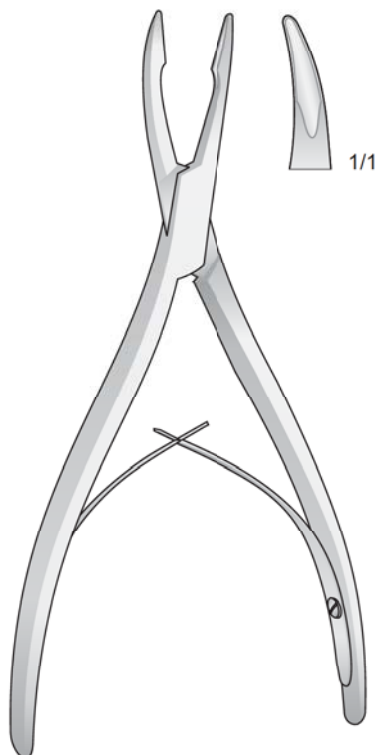
FRIEDMANN
FO-17
140 mm



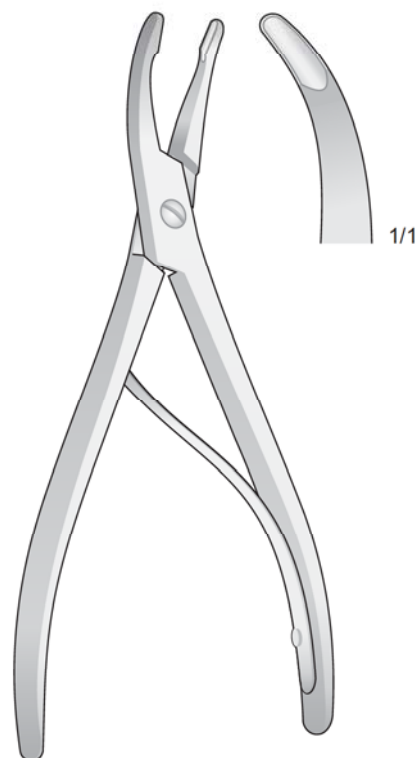
BLUMENTHAL
FO-19
155 mm



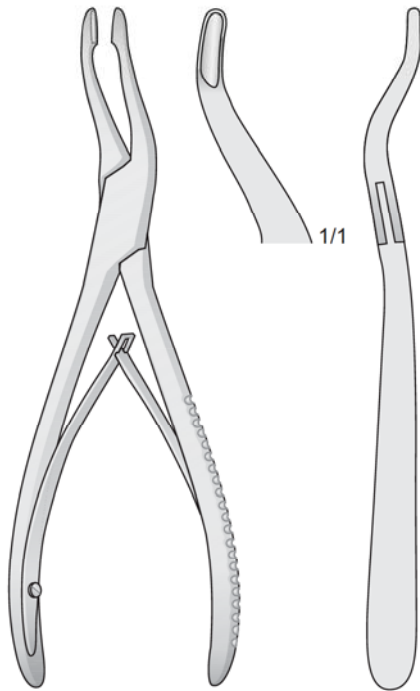
MEAD
FO-21
165 mm



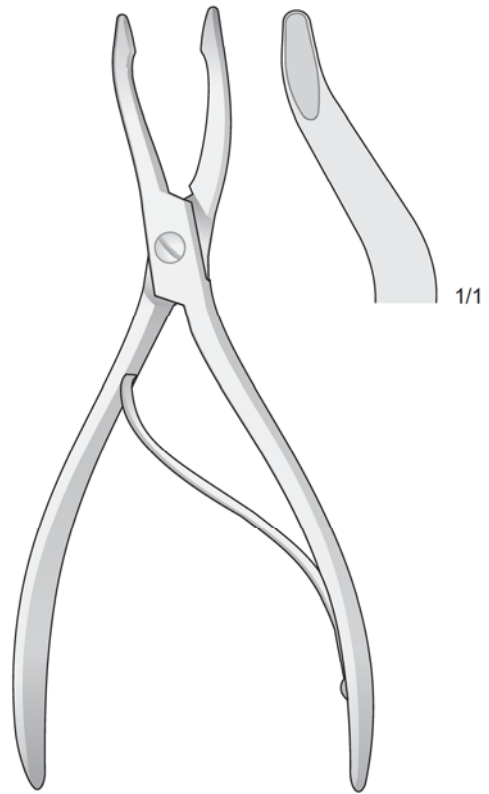
FRIEDMANN
FO-16
160 mm



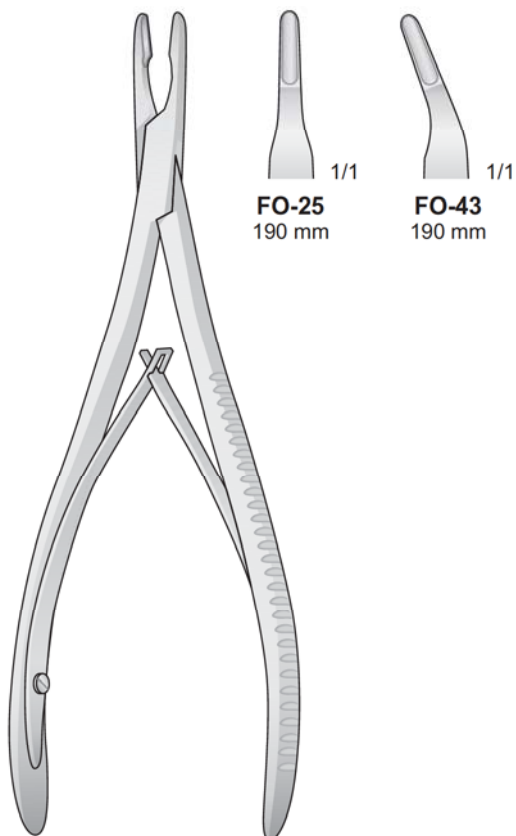
LUER
FO-18
155 mm



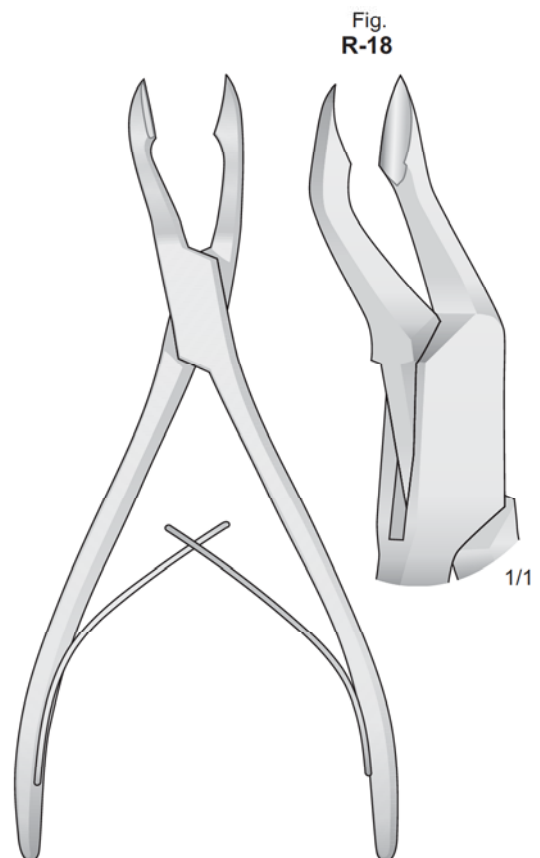
ALEXANDER
FO-27
140 mm



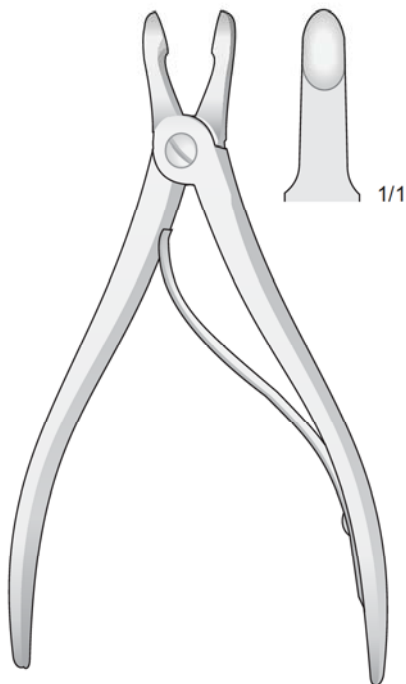
JANSEN-LEUER
FO-10
180 mm



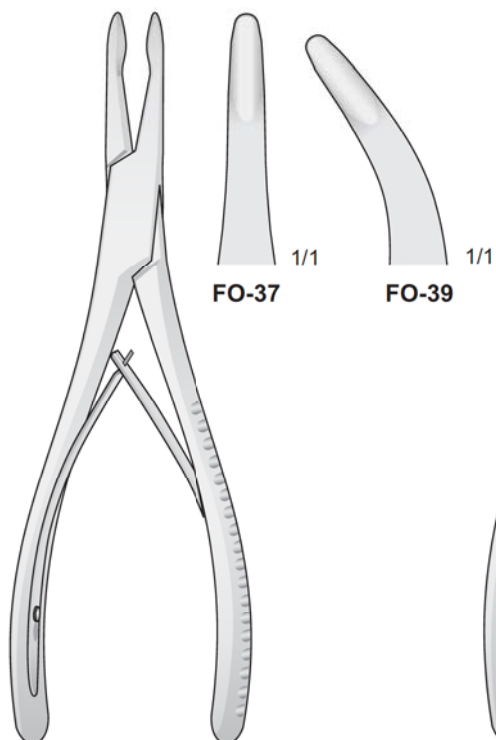
LEMPERT
FO-25/FO-43
190 mm



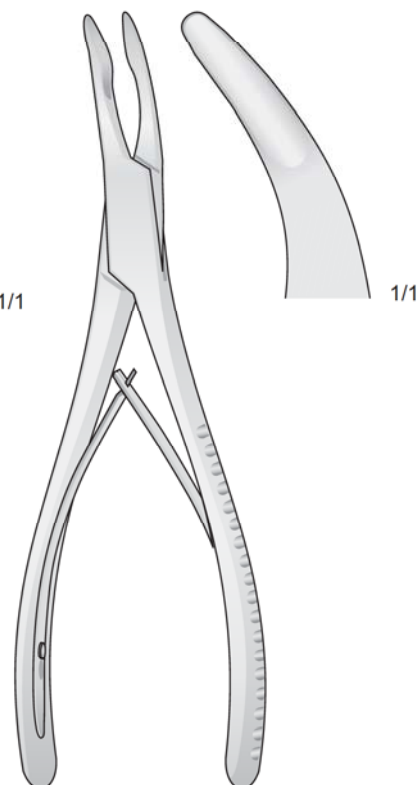
FO-33
175 mm



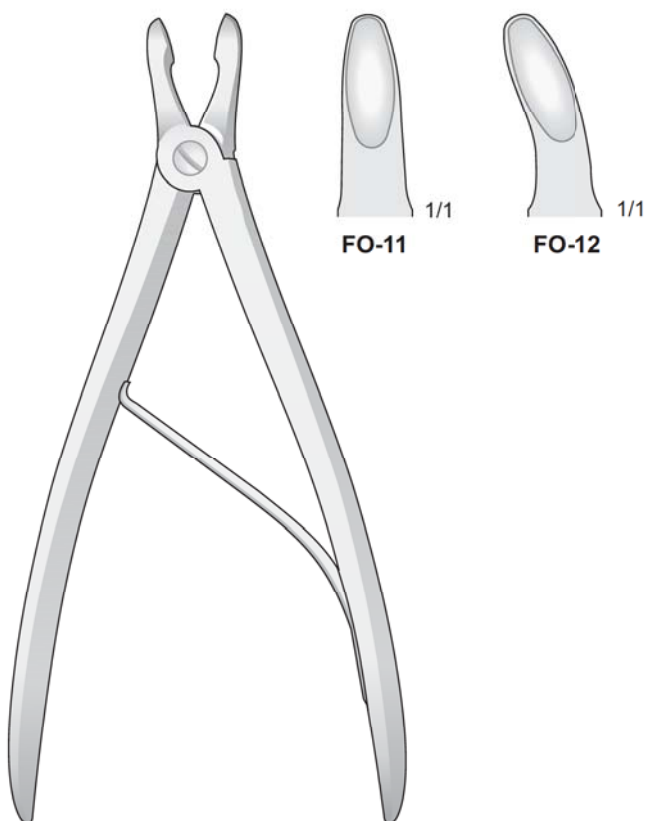
HARTMANN
FO-14
155 mm



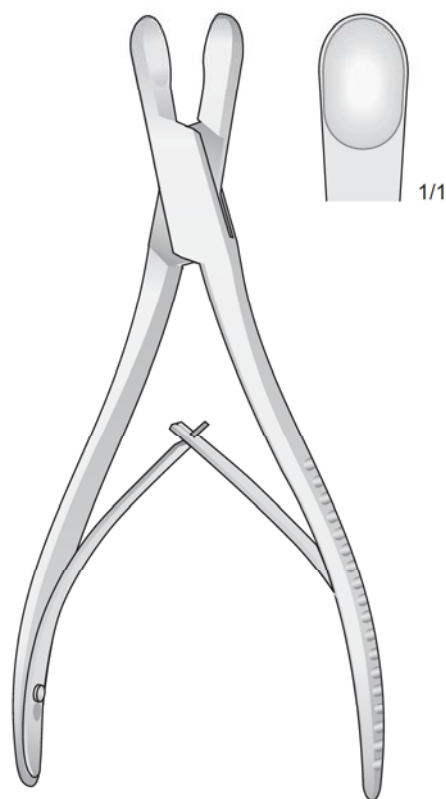
JANSEN
FO-37/FO-39
170 mm



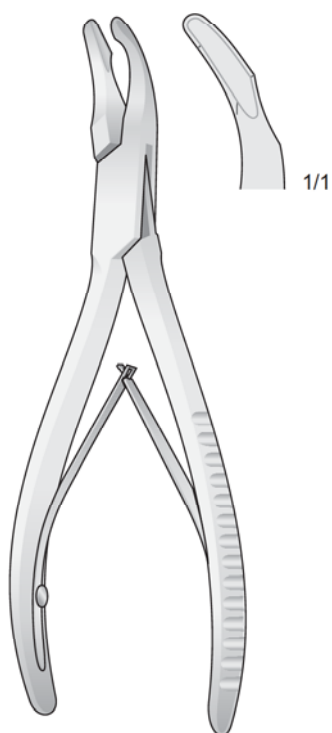
OLIVECRONA
FO-45
190 mm



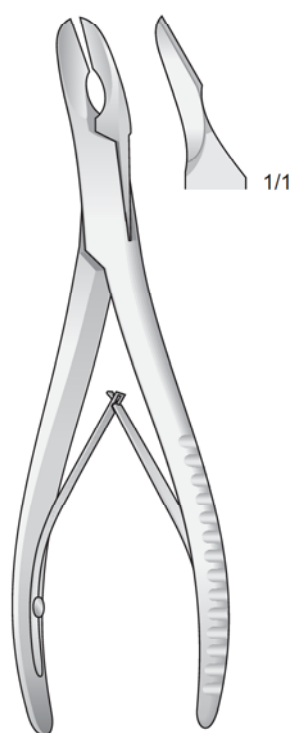
CUSHING
FO-11/FO-12
190 mm



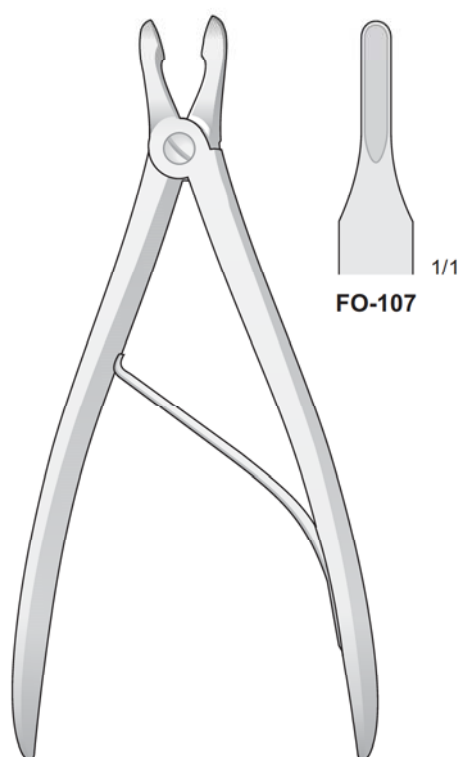
LUER-STILLE
FO-13
185 mm



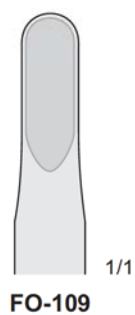
CLEVELAND
FO-231 140 mm
FO-232 170 mm



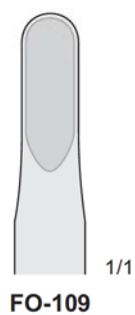
CLEVELAND
FO-233 150 mm
FO-234 170 mm



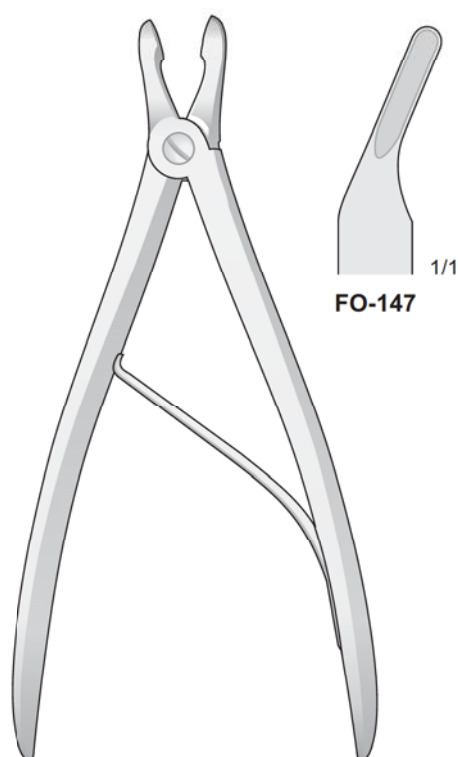
CUSHING
FO-107/FO-109
190 mm



FO-107



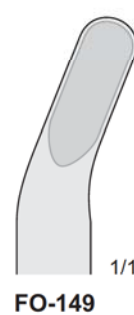
FO-109



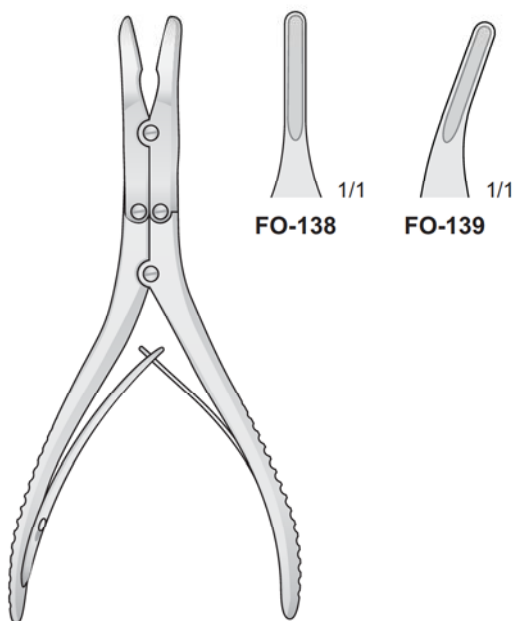
CUSHING
FO-147/FO-149
190 mm



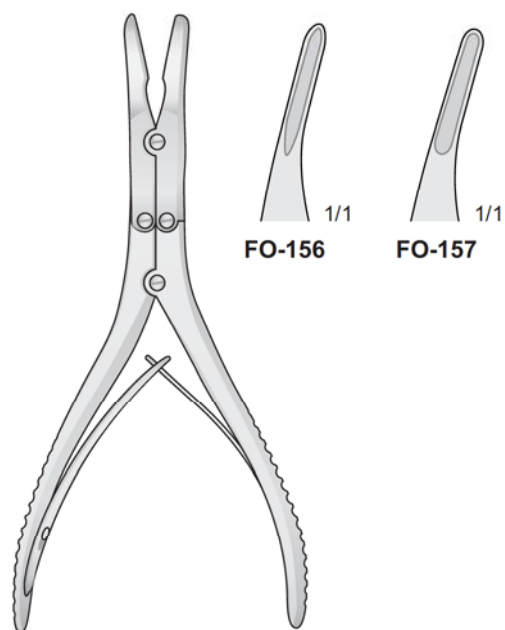
FO-147



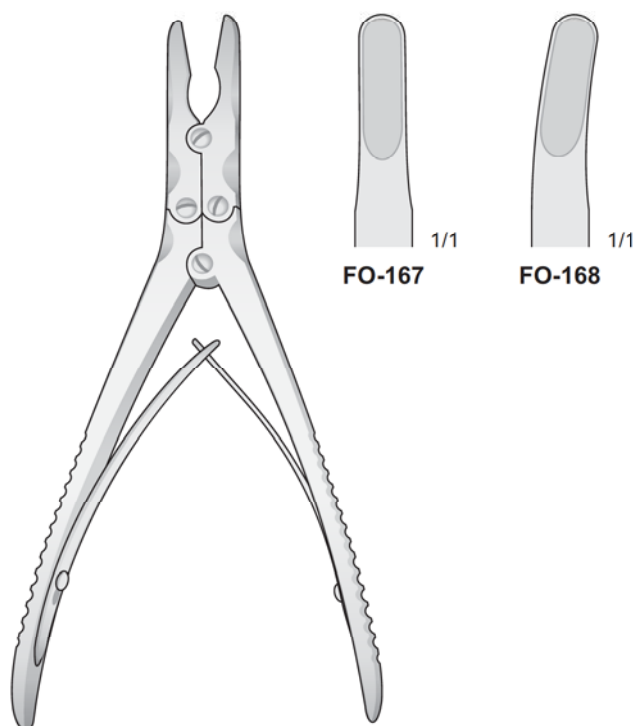
FO-149



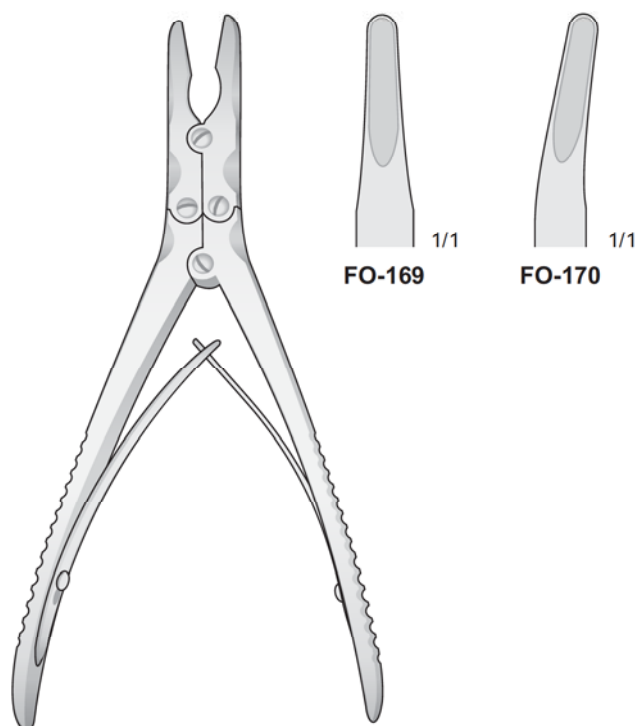
RUSKIN
FO-138/FO-139
150 mm



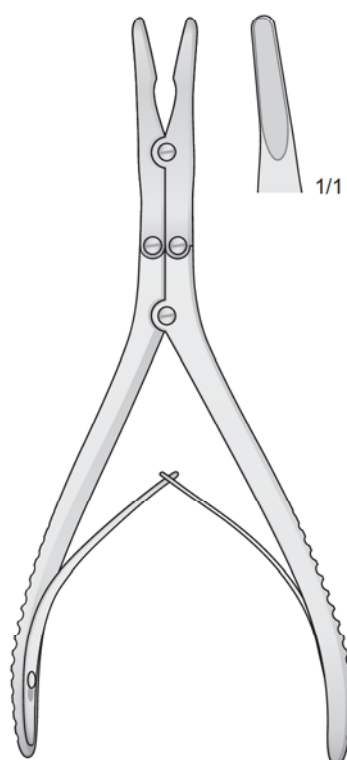
KLEINERT-KUTZ
FO-156/FO-157
155 mm



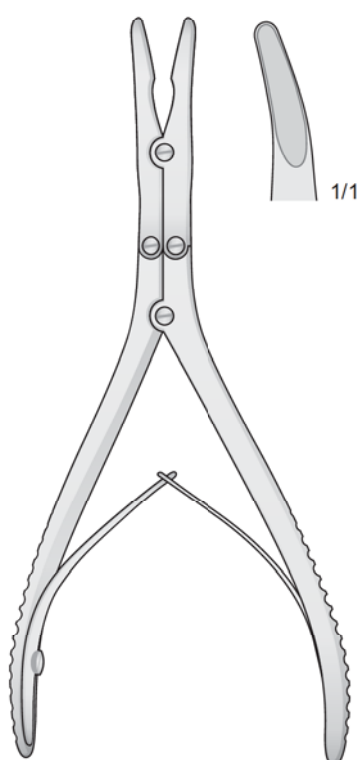
RUSKIN
FO-167/FO-168
185 mm



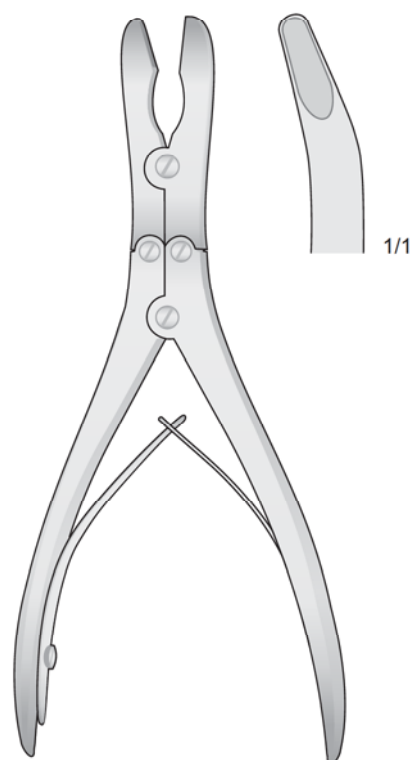
RUSKIN
FO-169/FO-170
185 mm



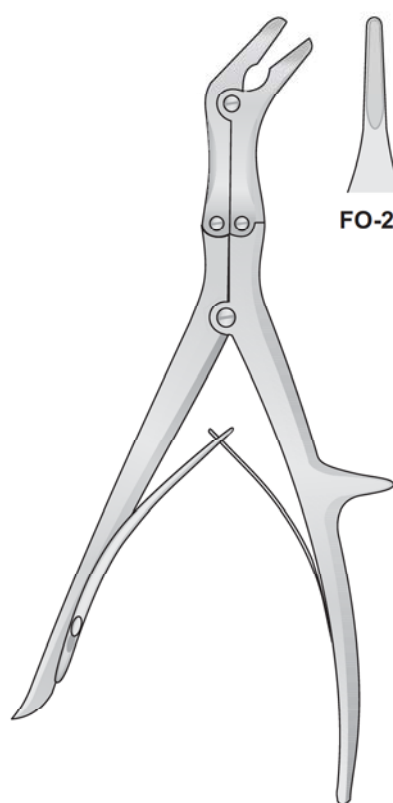
BEYER
FO-20
180 mm



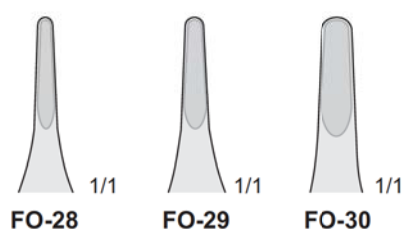
ZAUFAL-JANSEN
FO-34
180 mm



RUSKIN-STILLE
FO-35
180 mm



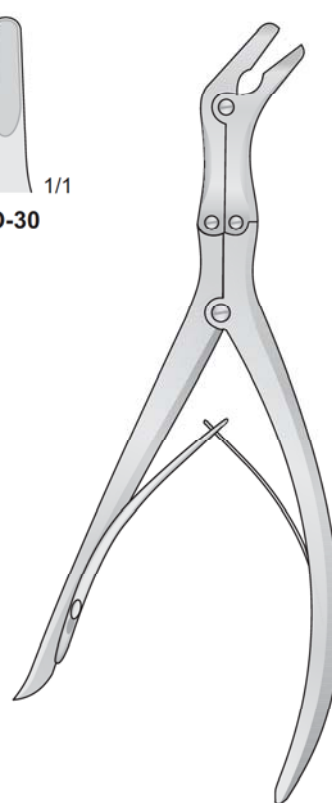
ECHLIN
FO-28/FO-30
230 mm



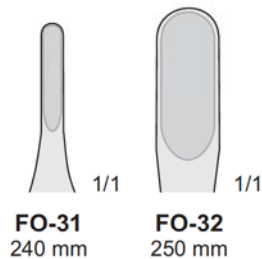
FO-28

FO-29

FO-30

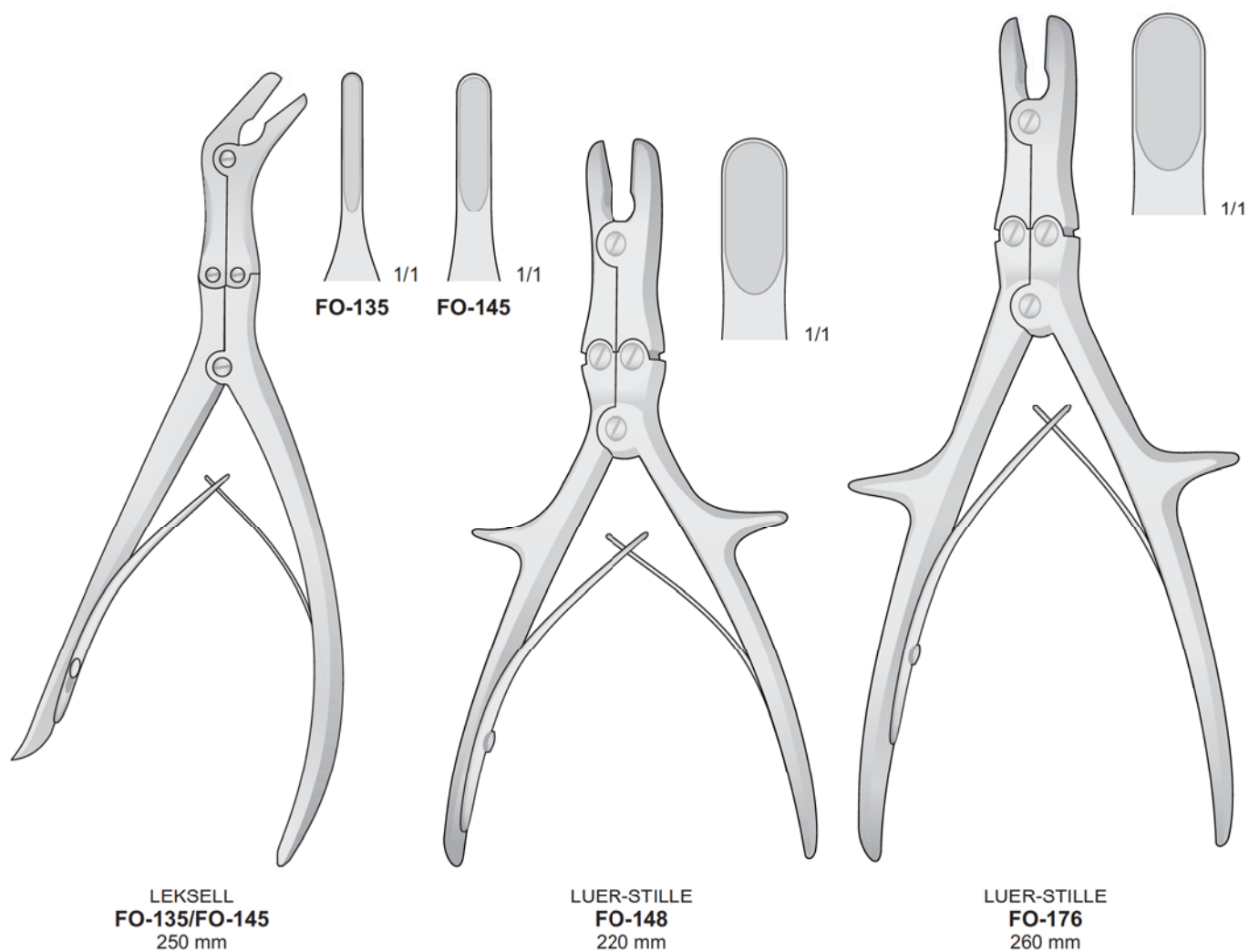


LEKSELL
FO-31/FO-32



FO-31
240 mm

FO-32
250 mm





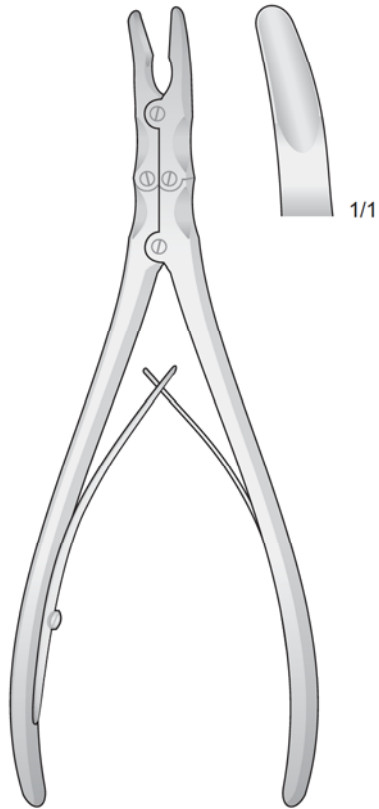
Hohlmeißelzangen

Bone rongeurs

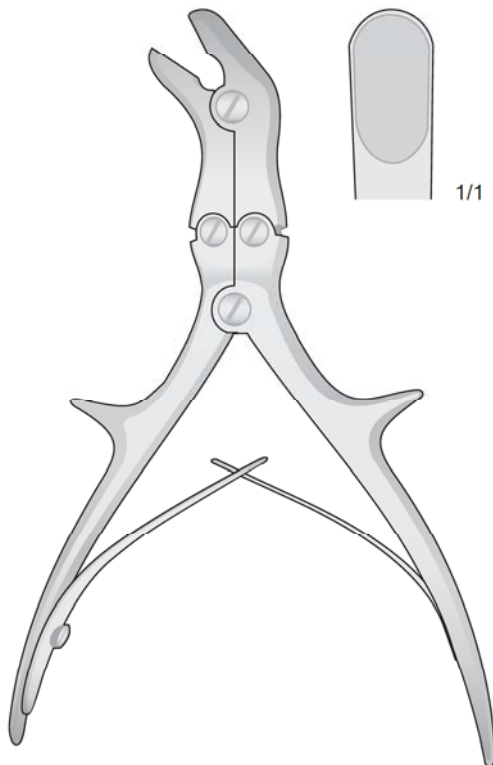
Pinze ossivore

Pinza-gubias

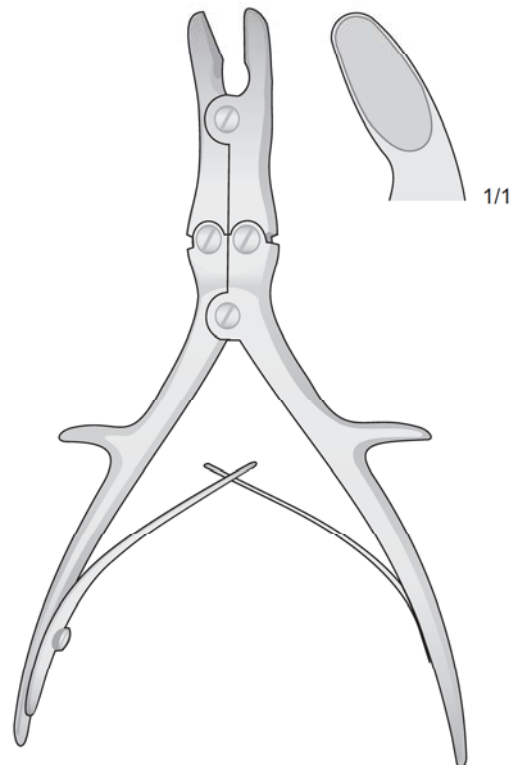
Pinces-gouges



RÖTTGEN-RUSKIN
FO-199
240 mm



STILLE
FO-36
210 mm



LUER-STILLE
FO-38
210 mm



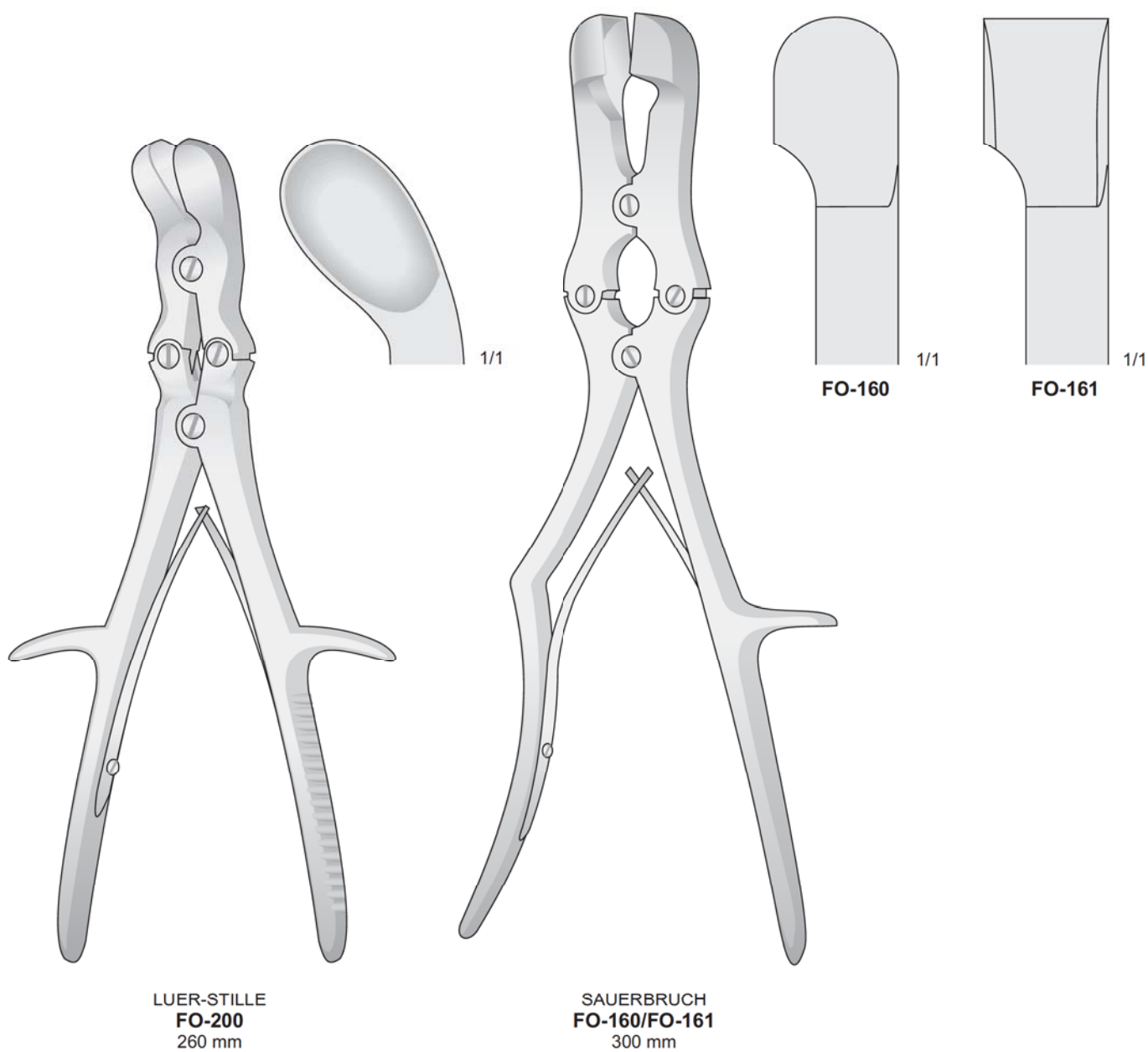
Hohlmeißelzangen

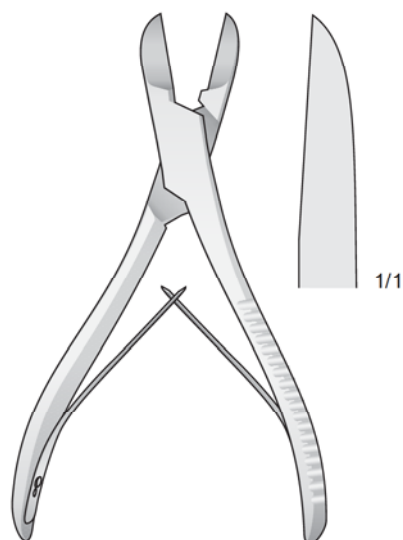
Bone rongeurs

Pinze ossivore

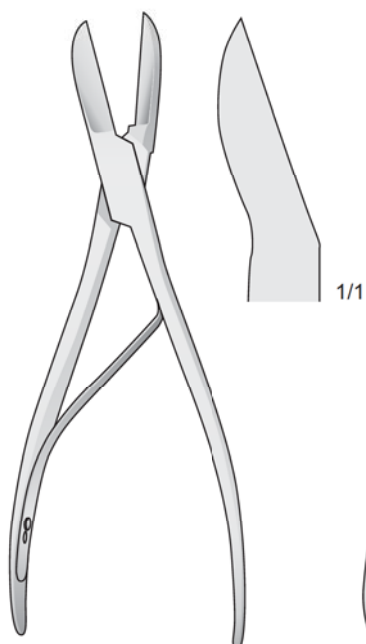
Pinza-gubias

Pinces-gouges

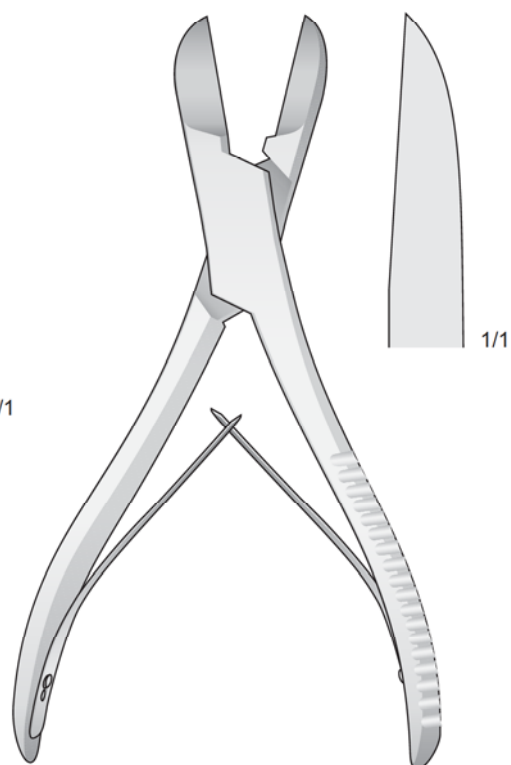




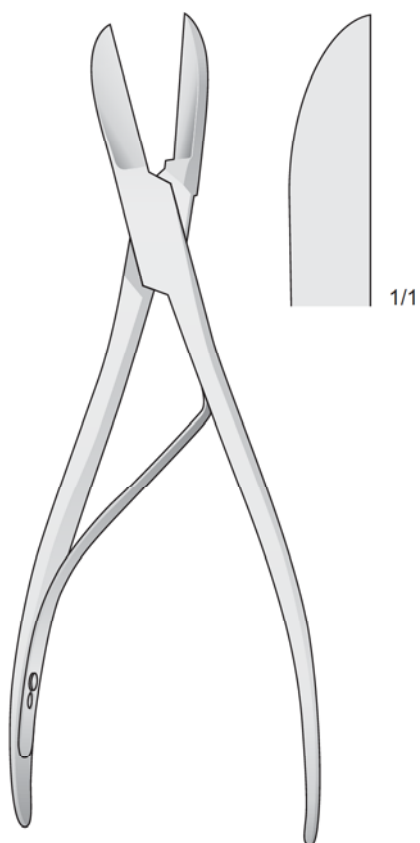
LISTON
LX-111
140 mm



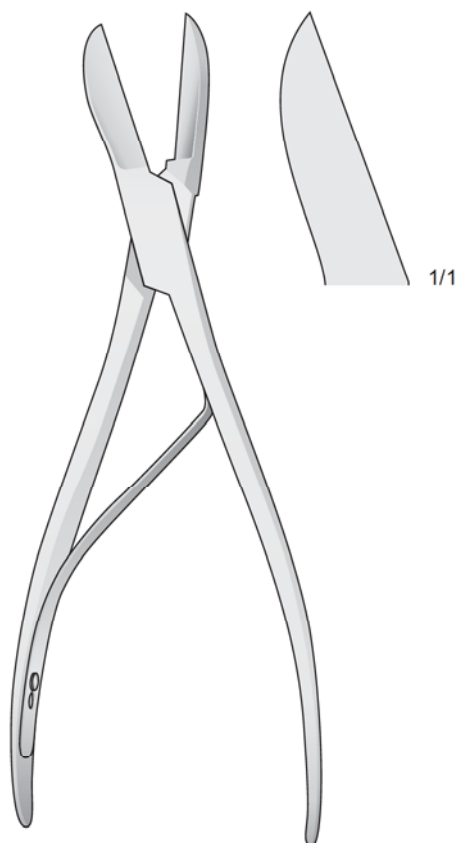
LISTON
LX-109
170 mm



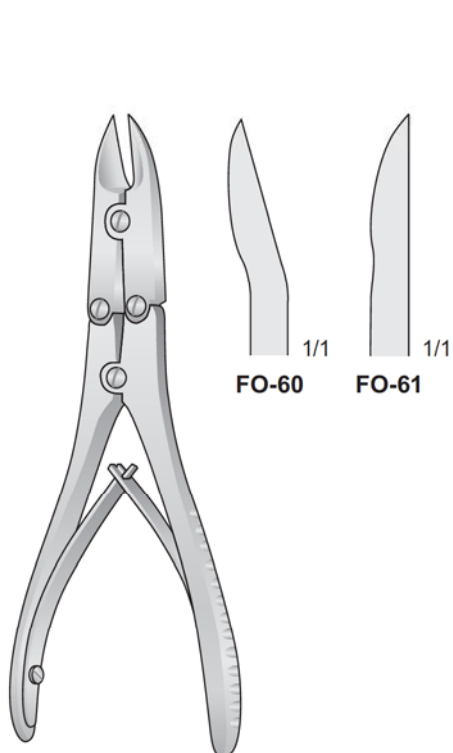
LISTON
LX-116
200 mm



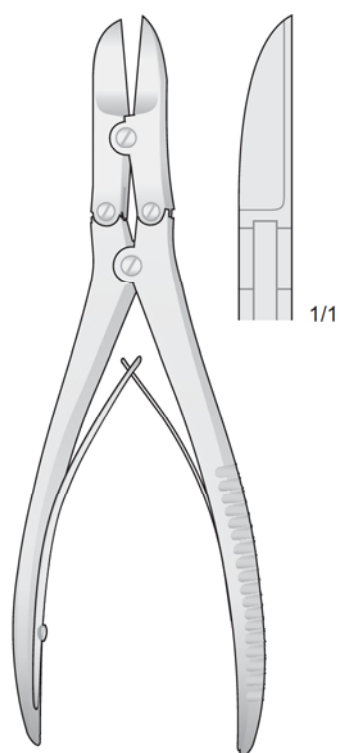
LISTON
LX-108
220 mm



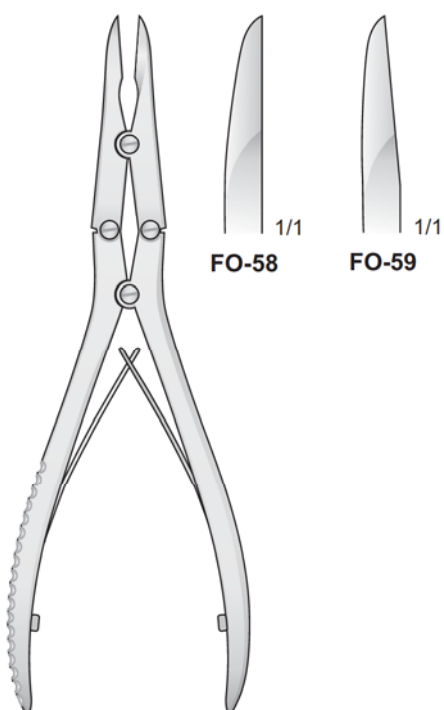
LISTON
LX-110
220 mm



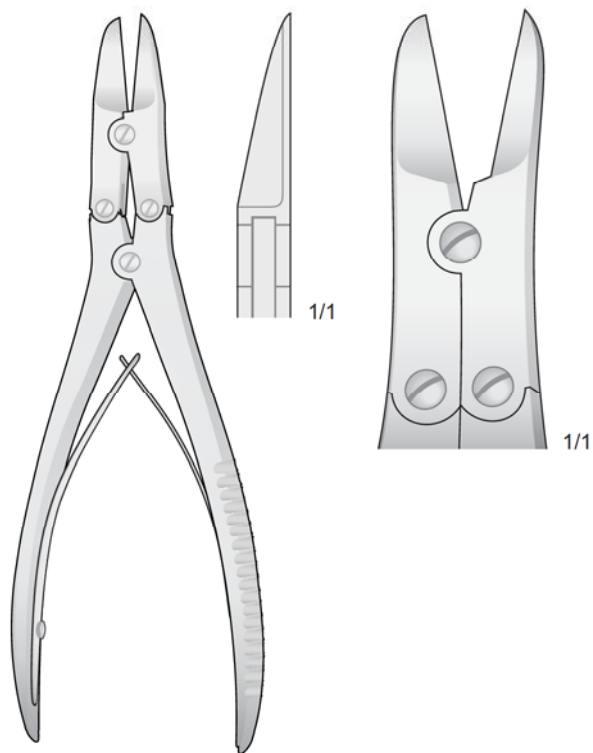
BÖHLER
FO-60/FO-61
150 mm



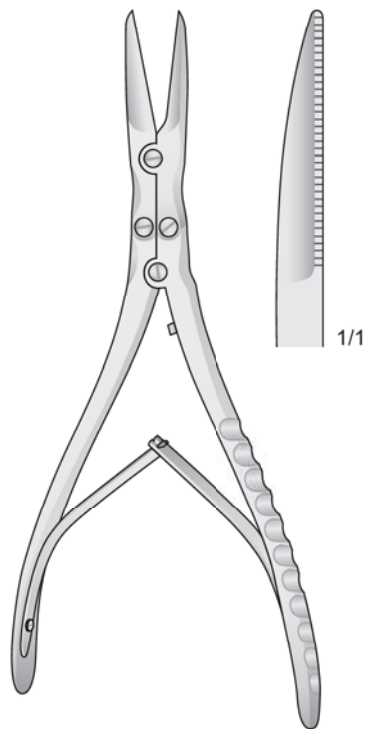
RUSKIN-LISTON
FO-108
190 mm



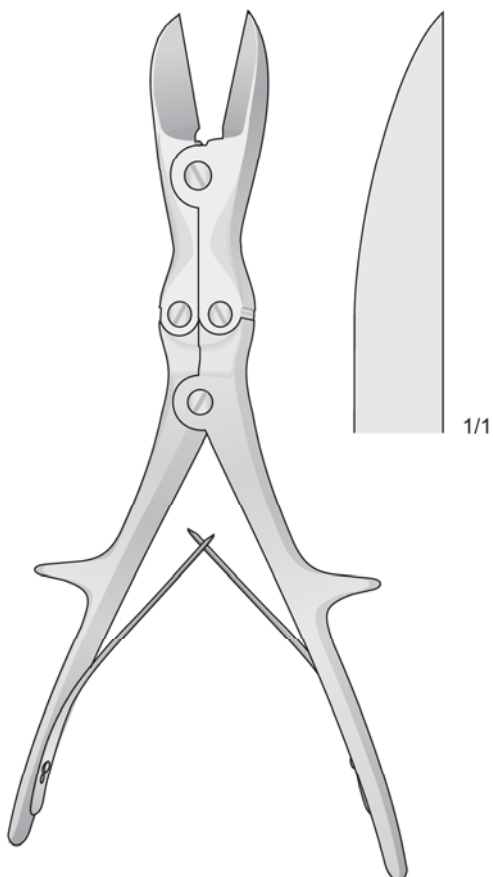
FO-58/FO-59
180 mm



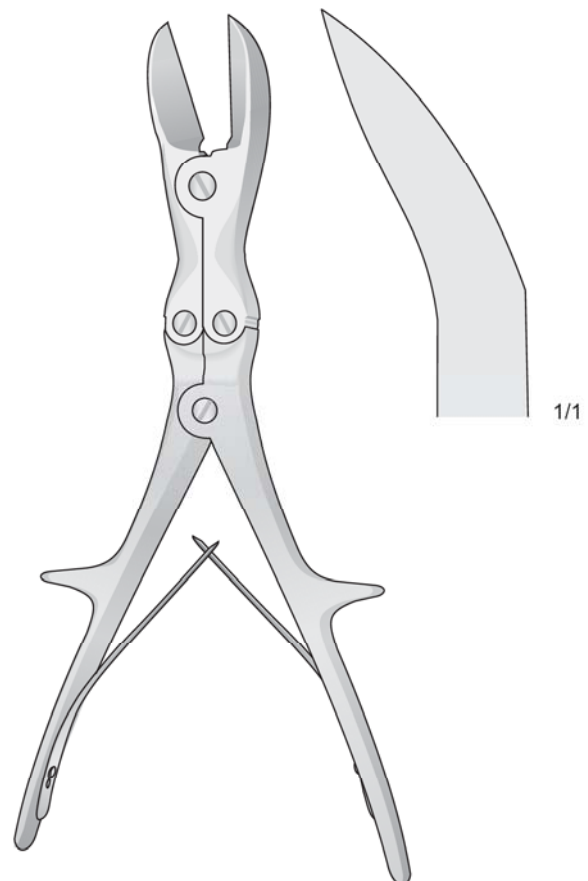
RUSKIN-LISTON
FO-178
190 mm



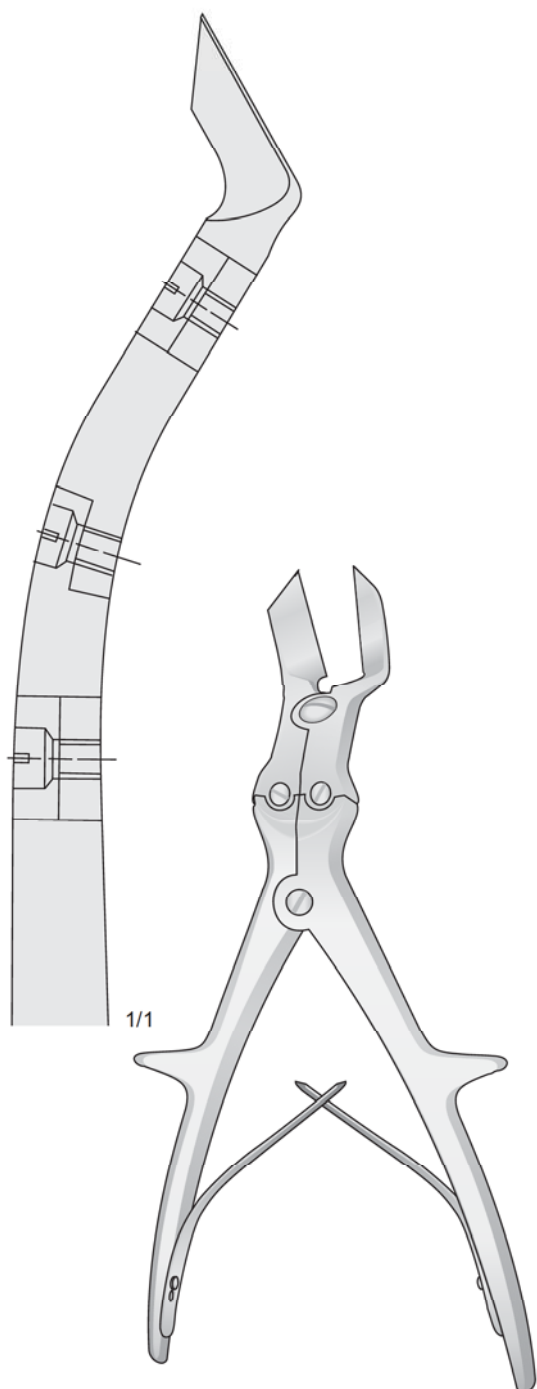
FO-146
215 mm



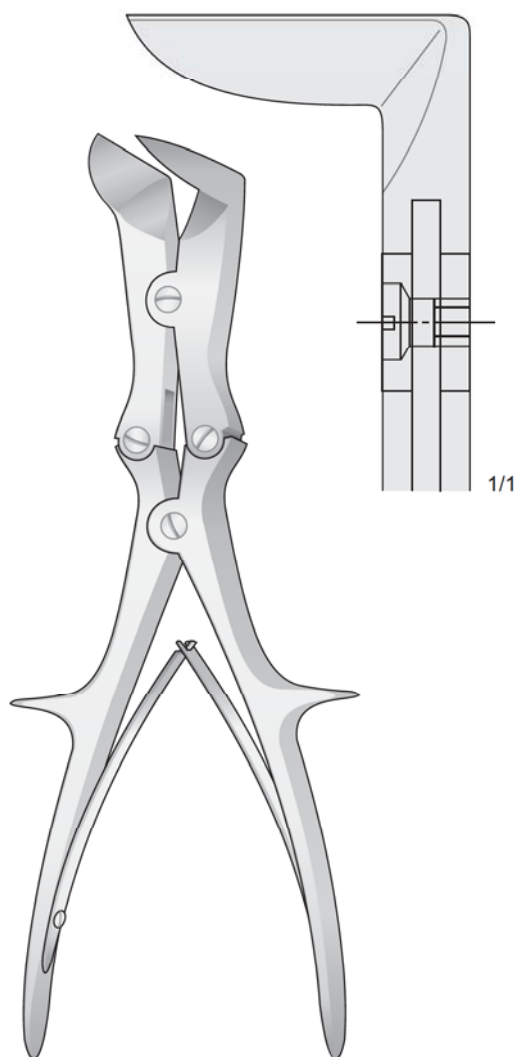
LISTON
FO-41
270 mm



LISTON
FO-42
270 mm



KEY-HORSLEY
FO-40
235 mm



LISTON-STILLE
FO-158
265 mm



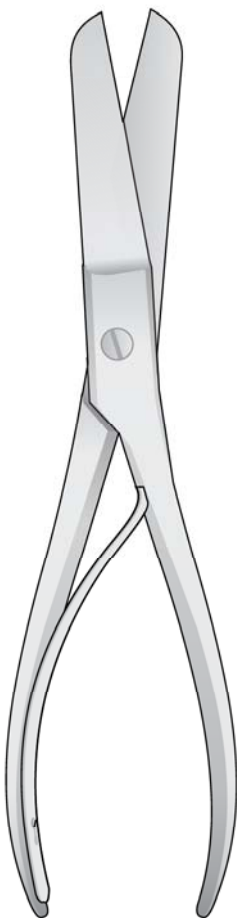
Knochensplitterscheren

Bone cutting scissors

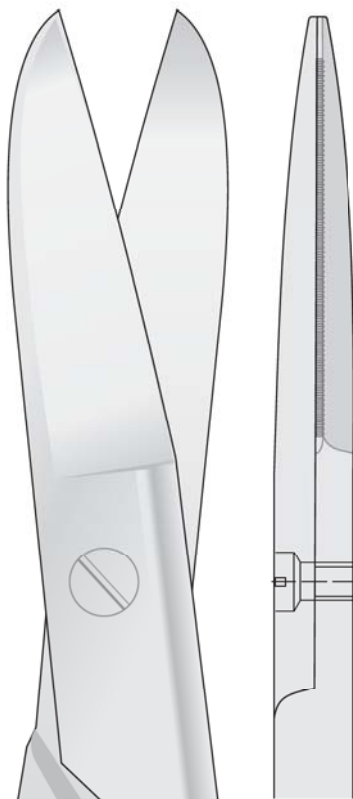
Forbici ossivore

Tijeras para huesos

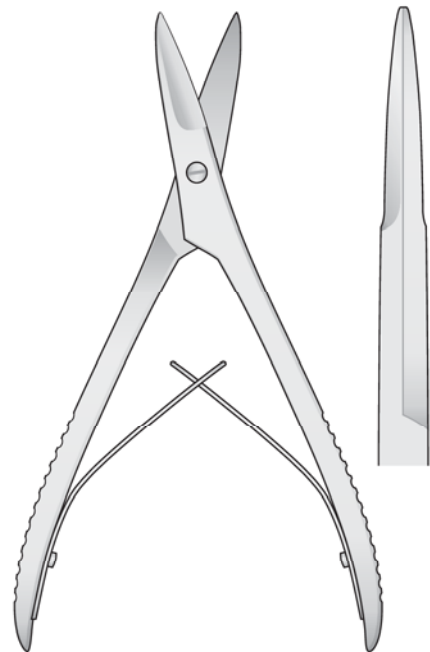
Ciseaux à os



FG-40
230 mm



1/1



1/1

FO-63
160 mm



KIRSCHNER
Trokarspitze
Trocár point
Punta trequarti
Punta de tròcar
Pointe de Trocart



KIRSCHNER
Trokarspitze
Trocár point
Punta trequarti
Punta de tròcar
Pointe de Trocart



KIRSCHNER
Lanzenspitze
Lance point
Punte lanceolate
Punta lanceolar
Pointe lancette



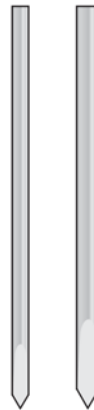
Trokarspitze
Trocár point
Punta trequarti
Punta de tròcar
Pointe de Trocart

310 mm



Rundes ende
Round shaft
Punta rotonda
Punta redonda
Pointe ronde

310 mm



Lanzenspitze
Lance point
Punte lanceolate
Punta lanceolar
Pointe lancette

310 mm

Ø/Diam.	Conf. 10 pz.
0,8 mm	KI-99
1.0 mm	KI-100
1,2 mm	KI-102
1,4 mm	KI-114
1,5 mm	KI-115
1,6 mm	KI-116
1,7 mm	KI-117
1,8 mm	KI-118
2,0 mm	KI-120
2,2 mm	KI-122
2,5 mm	KI-125
3,0 mm	KI-130

Ø/Diam.	Conf. 10 pz.
0,8 mm	KI-00
1.0 mm	KI-01
1,2 mm	KI-02
1,4 mm	KI-14
1,5 mm	KI-15
1,6 mm	KI-16
1,7 mm	KI-17
1,8 mm	KI-18
2,0 mm	KI-20
2,2 mm	KI-22
2,5 mm	KI-25
3,0 mm	KI-30

Ø/Diam.	Conf. 10 pz.
0,8 mm	KI-40
1.0 mm	KI-41
1,2 mm	KI-42
1,5 mm	KI-43
1,6 mm	KI-44
1,8 mm	KI-45
2,0 mm	KI-46
2,2 mm	KI-47
2,5 mm	KI-48
3,0 mm	KI-49



KIRSCHNER

Trokarspitze
Trocar point
Punta trequarti
Punta de tròcar
Pointe de Trocart



KIRSCHNER

Trokarspitze
Trocar point
Punta trequarti
Punta de tròcar
Pointe de Trocart



KIRSCHNER

Lanzenspitze
Lance point
Punte lanceolate
Punta lanceolar
Pointe lancette



Rundes ende
Round shaft
Punta rotonda
Punta redonda
Pointe ronde

150 mm



Trokarspitze
Trocar point
Punta trequarti
Punta de tròcar
Pointe de Trocart

150 mm



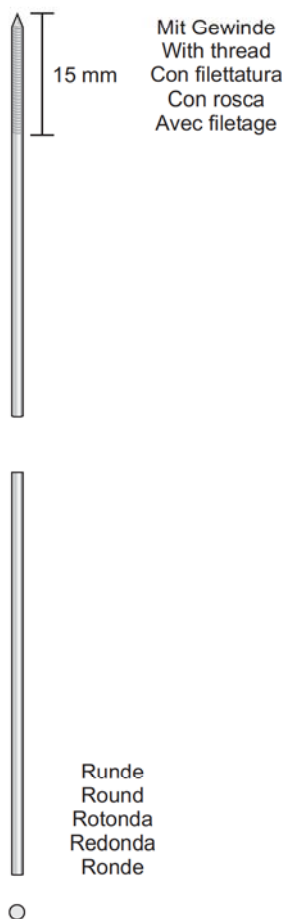
Lanzenspitze
Lance point
Punte lanceolate
Punta lanceolar
Pointe lancette

150 mm

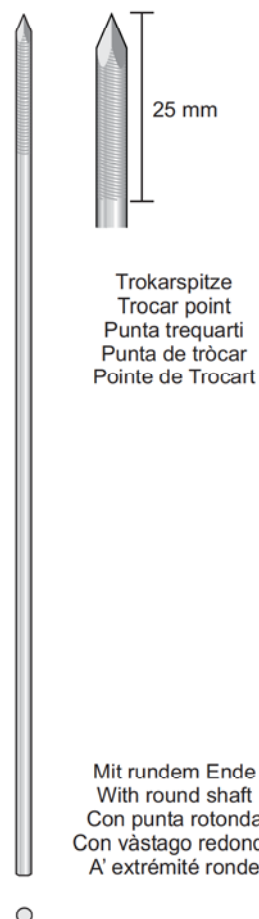
Ø/Diam.	Conf. 10 pz.
0,8 mm	KI-69
1.0 mm	KI-70
1,2 mm	KI-72
1,4 mm	KI-74
1,5 mm	KI-75
1,6 mm	KI-76
1,7 mm	KI-77
1,8 mm	KI-78
2,0 mm	KI-80
2,2 mm	KI-82
2,5 mm	KI-85
3,0 mm	KI-90

Ø/Diam.	Conf. 10 pz.
0,8 mm	KI-60
1.0 mm	KI-61
1,2 mm	KI-62
1,4 mm	KI-63
1,6 mm	KI-64
1,8 mm	KI-65
2,0 mm	KI-66
2,2 mm	KI-67
2,5 mm	KI-68
3,0 mm	KI-71

Ø/Diam.	Conf. 10 pz.
0,8 mm	KI-29
1.0 mm	KI-31
1,2 mm	KI-32
1,5 mm	KI-33
1,6 mm	KI-34
1,8 mm	KI-35
2,0 mm	KI-36
2,2 mm	KI-37
2,5 mm	KI-38
3,0 mm	KI-39



KIRSCHNER			
Codice	Ø mm	Lung.	Lung. filo
KI-220	1,5	150	5
KI-221	1,6	150	15
KI-222	2	150	15
KI-223	2	200	15



KIRSCHNER			
Codice	Ø mm	Lung.	Lung. filo
KI-224	2,5	200	25
KI-225	2,5	230	25
KI-226	2,5	300	25
KI-227	3,0	300	25
KI-228	3,5	300	25
KI-229	4,0	260	25
KI-233	4,5	300	25



KIRSCHNER

Bundel-Nagel



500 mm

Steinmann pins



310 mm

Küntscher



400 mm

Threaded Steinmann Pins



Runde



230 mm

Ø/Diam.	Conf. 10 pz.
2,0 mm	KI-50
2,5 mm	KI-51
3,0 mm	KI-52
3,5 mm	KI-53
4,0 mm	KI-54
4,5 mm	KI-55
5,0 mm	KI-56
5,5 mm	KI-57
6,0 mm	KI-58

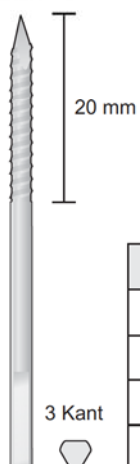
Ø/Diam.	Conf. 1 pz.
3,5 mm	KI-280
4,0 mm	KI-282
4,5 mm	KI-284
5,0 mm	KI-286
6,0 mm	KI-288
6,5 mm	KI-290

Ø/Diam.	Conf. 1 pz.
6,0 mm	KI-252
7,0 mm	KI-254
8,0 mm	KI-256
9,0 mm	KI-258
10 mm	KI-260
11 mm	KI-262
12 mm	KI-264

Ø/Diam.	Conf. 1 pz.
2,0 mm	KI-160
2,5 mm	KI-161

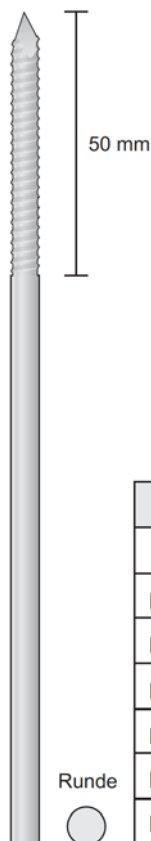


Negativo



SCHANZ			
Codice	Ø mm	Lung.	Lung. filo
KI-230	3	60	20
KI-231	3	80	20
KI-232	4	60	25

Negativo



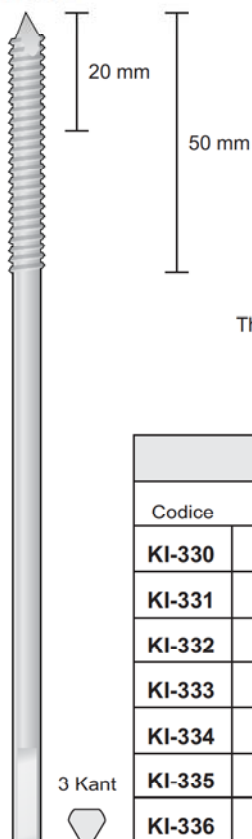
SCHANZ			
Codice	Ø mm	Lung.	Lung. filo
KI-293	2	150	50
KI-294	3	150	50
KI-295	3,5	150	50
KI-296	4	150	50
KI-297	4,5	150	50
KI-298	5	150	50

Negativo



SCHANZ			
Codice	Ø mm	Lung.	Lung. filo
KI-238	2	150	50
KI-240	3	150	50
KI-242	3,5	150	50
KI-244	4	150	50
KI-246	4,5	150	50
KI-248	5	150	50

Positivo



Thread - Ø is 0,5 mm
more than pin - Ø

SCHANZ			
Codice	Ø mm	Lung.	Lung. filo
KI-330	2	150	20
KI-331	3	150	20
KI-332	3,5	150	50
KI-333	4	150	25
KI-334	4	150	50
KI-335	4,5	150	50
KI-336	5	150	50



Steinmann Pins with Central Thread with Trocar Point

Bohrdrahtspender
Contentitore per
sterilizzazione Kirschner

Ø 10 mm

Positivo
Thread - Ø is 0,5 mm
more than pin - Ø



3 Kant

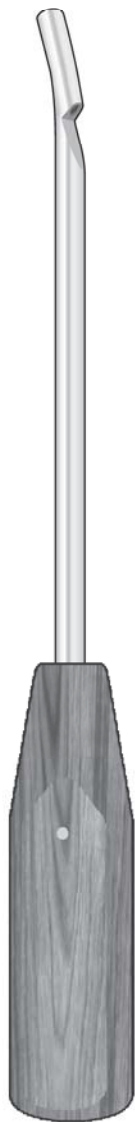
STEINMANN PINS		
Codice	Ø mm	Lung.
KI-175	3	150
KI-176	3	180
KI-177	3	200
KI-178	3	230
KI-179	3,5	150
KI-180	3,5	180
KI-181	3,5	200
KI-182	3,5	230
KI-183	4	150
KI-184	4	180
KI-185	4	200
KI-186	4	230
KI-187	4	250
KI-188	4,5	150
KI-189	4,5	180
KI-190	4,5	200
KI-191	4,5	230
KI-192	4,5	250
KI-193	4,5	300
KI-194	5	150
KI-195	5	180
KI-196	5	200
KI-197	5	230
KI-198	5	250
KI-199	5	300



KI-300
320 mm
KI-301
190 mm

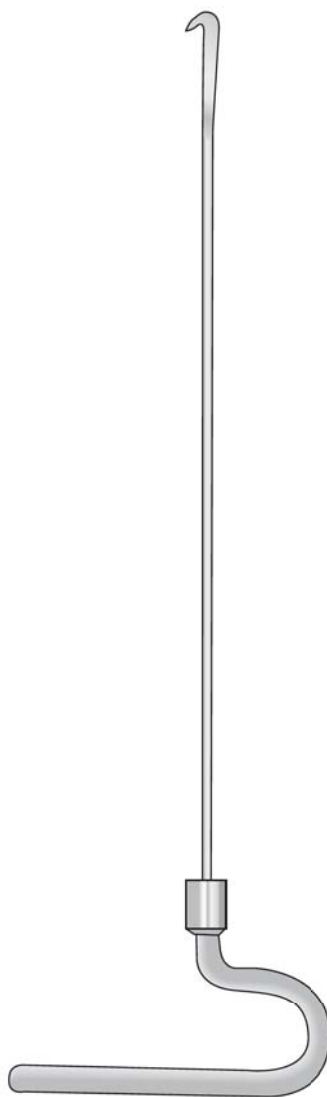


Bis Ø 3 mm
Up to Ø 3 mm
Fino a Ø 3 mm



WAGNER
LS-106
300 mm

Extraktionshaken
Extraction hooks
Gancio d'estrazione
Ganchos extractores
Crochets d'extraction



KI-306 - 290 mm
KI-307 - 370 mm
KI-308 - 420 mm

Ø Int. 2,5 mm

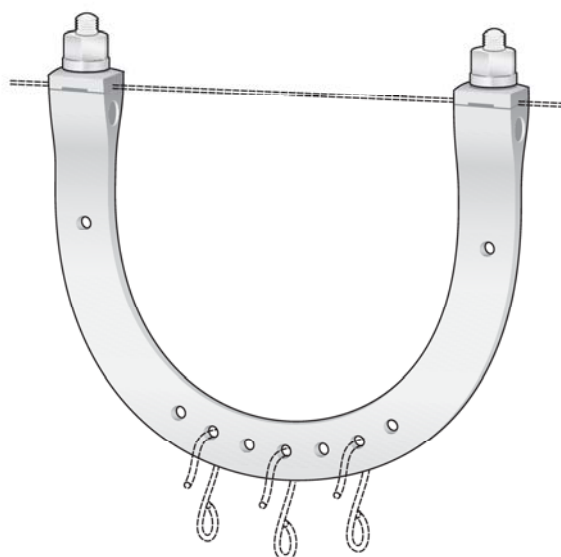


Ø Int. 1,2 mm

LS-100
120 mm

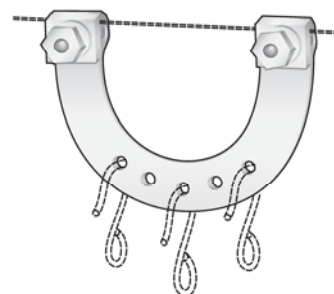


KÜNTSCHER
FK-09
210 mm

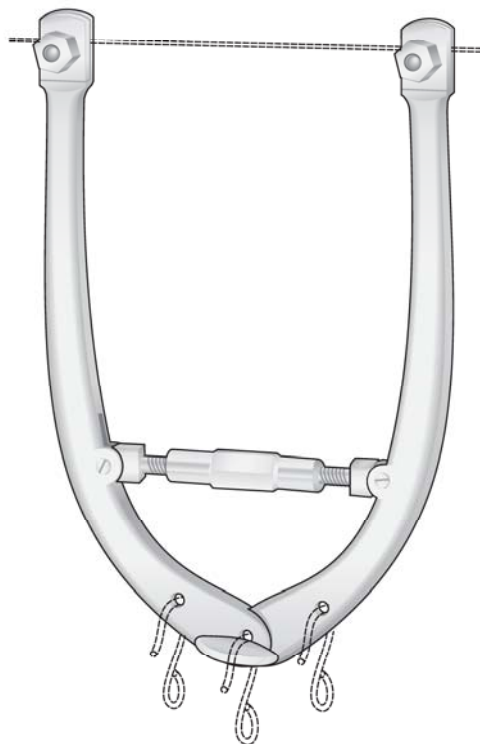


KIRSCHNER
LS-370/LS-378

LS-370	200 x 155 mm
LS-371	155 x 155 mm
LS-372	155 x 100 mm
LS-373	135 x 130 mm
LS-374	120 x 120 mm
LS-375	105 x 100 mm
LS-376	95 x 110 mm
LS-377	105 x 80 mm
LS-378	95 x 70 mm



KIRSCHNER
LS-379
60 x 50 mm



LS-380 180 x 100 mm
LS-381 270 x 160 mm



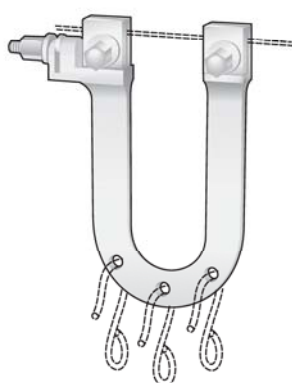
LS-382



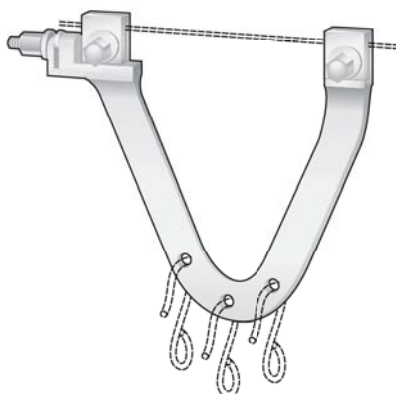
LS-383



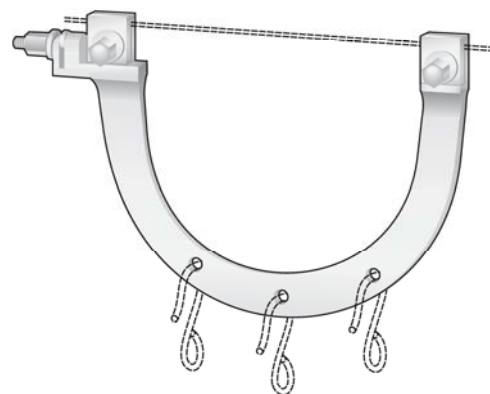
LS-384



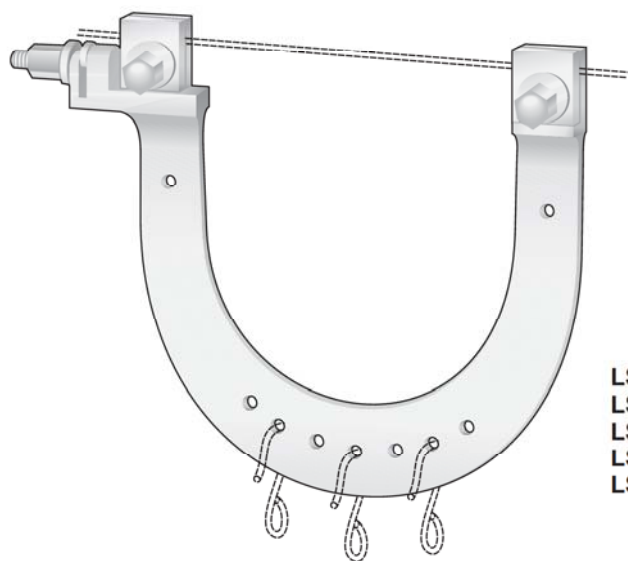
LS-385
30 x 80 mm



LS-386
60 x 70 mm



LS-387
105 x 80 mm



LS-390/LS-394

LS-390 95 x 155 mm
LS-391 120 x 115 mm
LS-392 135 x 125 mm
LS-393 155 x 140 mm
LS-394 200 x 140 mm



LS-388/LS-389

Dental schaft
Attacco Dentale

Ø 1,5 mm

**LS-32**
50 mm

Ø 2,0 mm

**LS-33**
55 mmMit AO schaft
Attacco AO

Ø 1,5 mm

**LS-10**
65 mm

Ø 2 mm

**LS-11**
70 mm

Ø 2,7 mm

**LS-12**
100 mmPasso della vite
a 1,25 mm

Ø 3,5 mm

**LS-13**
110 mmPasso della vite
a 1,75 mm

Ø 3,5 mm

**LS-14**
110 mm

Ø 4,5 mm

**LS-15**
130 mm

Ø 4,5 mm

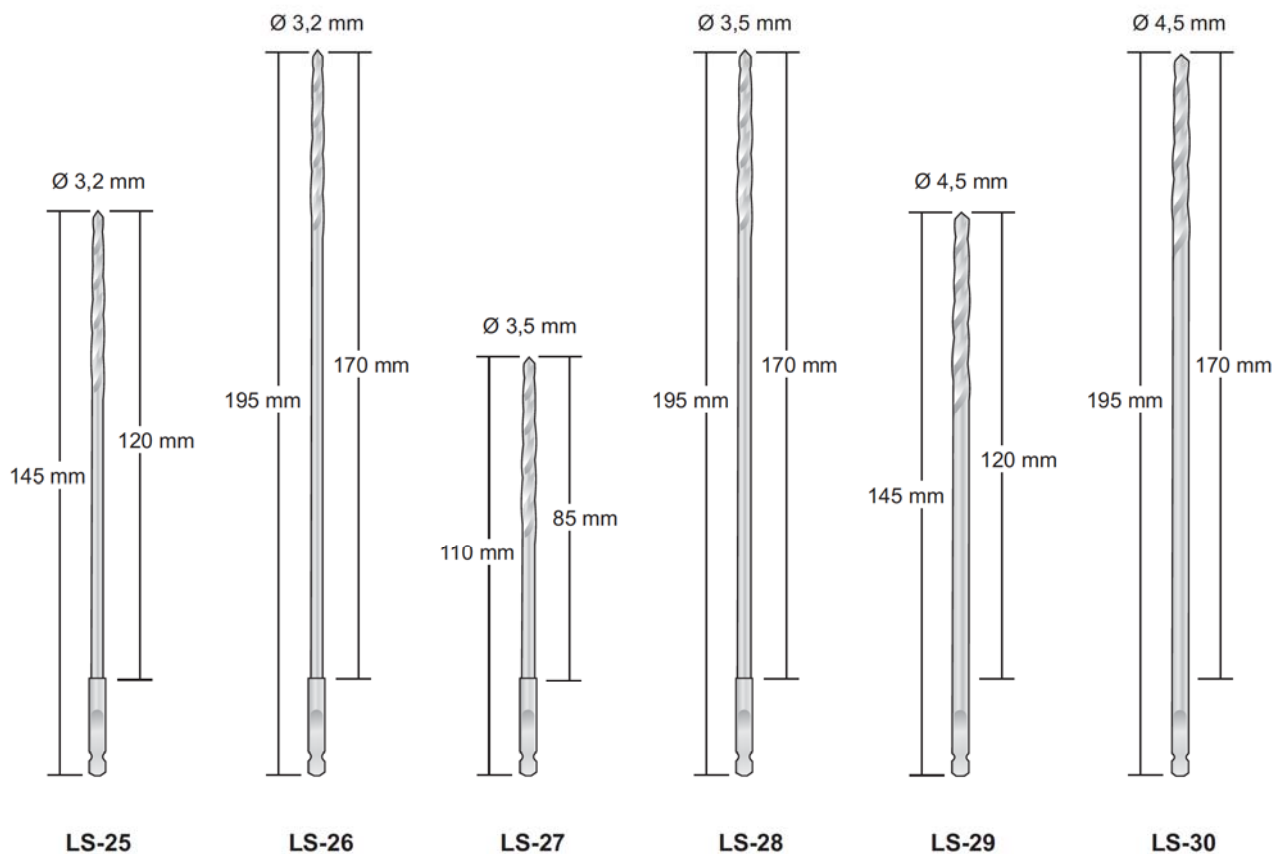
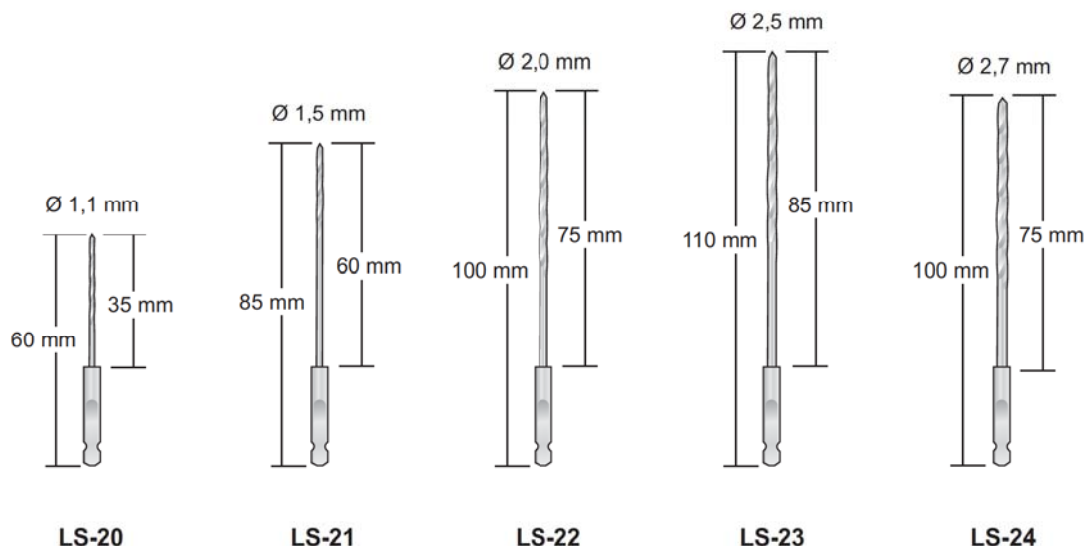
**LS-16**
130 mm

Ø 6,5 mm

**LS-17**
170 mm

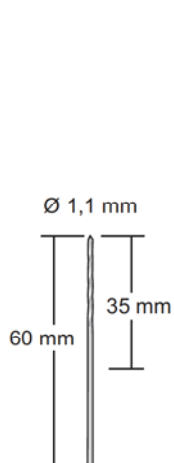


Mit AO schaft
Drill bits
Attacco AO

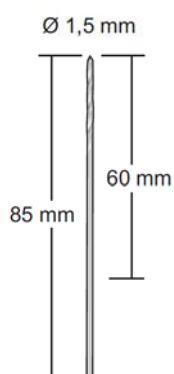




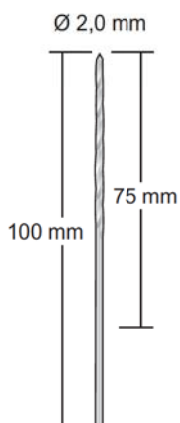
Mit rundschaft
Drill bits
Con attacco rotondo



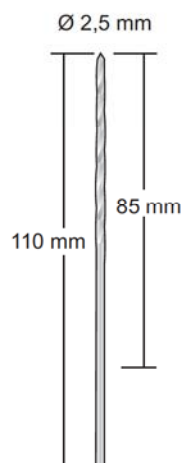
LS-40



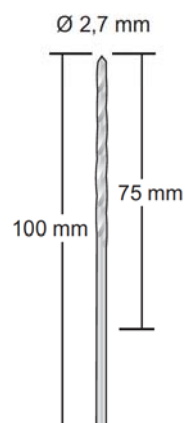
LS-41



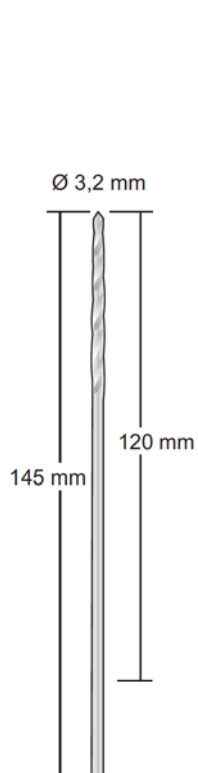
LS-42



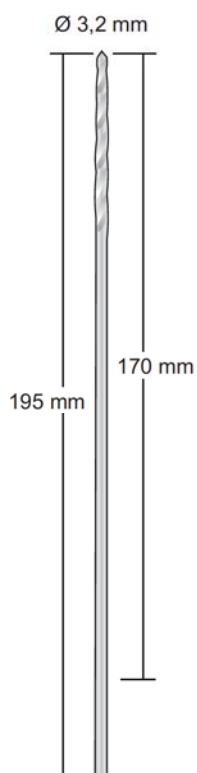
LS-43



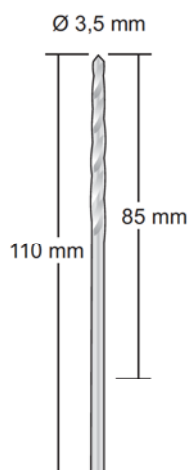
LS-44



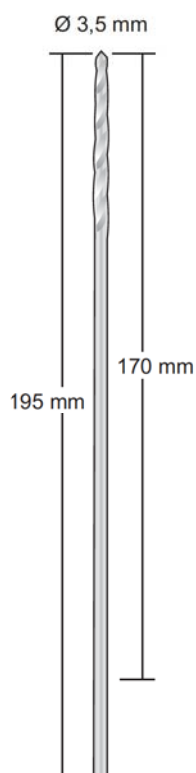
LS-45



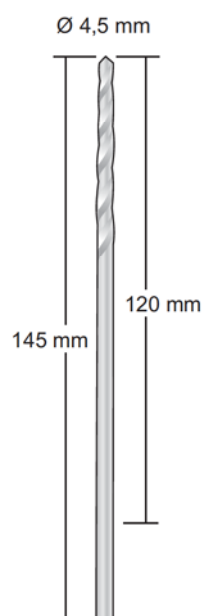
LS-46



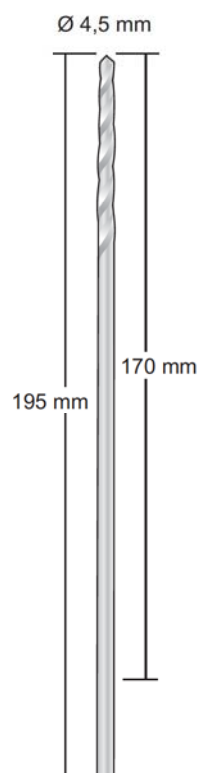
LS-47



LS-48



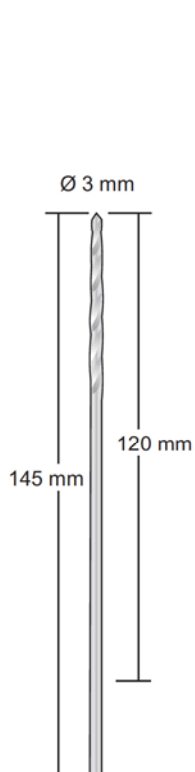
LS-49



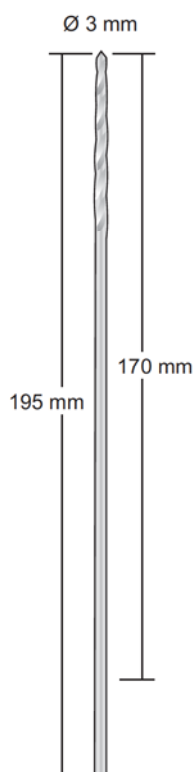
LS-50



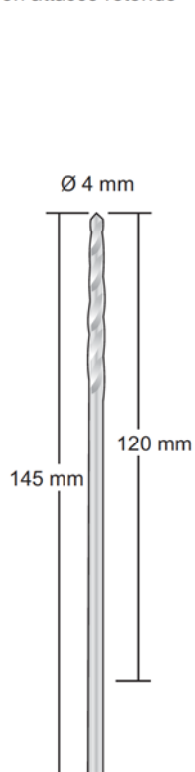
Mit rundschaft
Drill bits
Con attacco rotondo



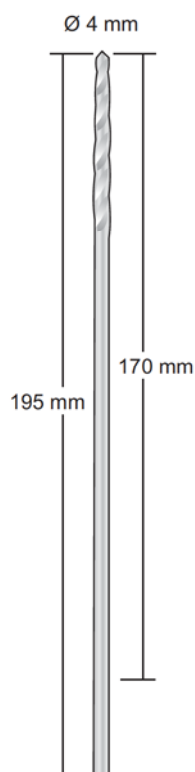
LS-51



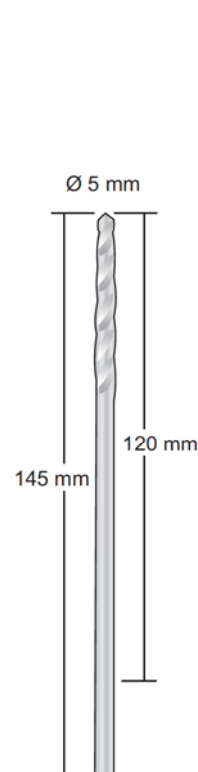
LS-52



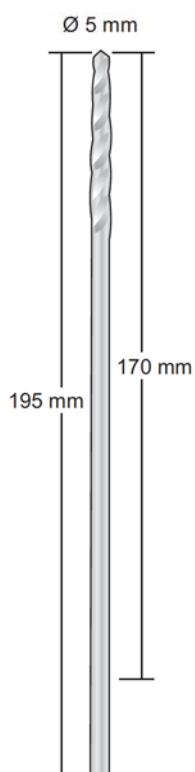
LS-53



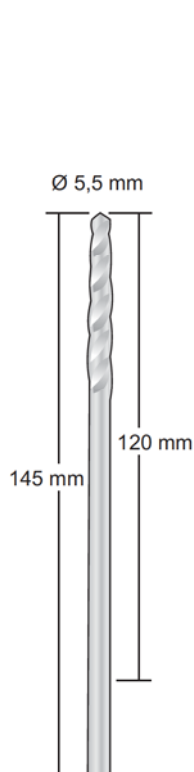
LS-54



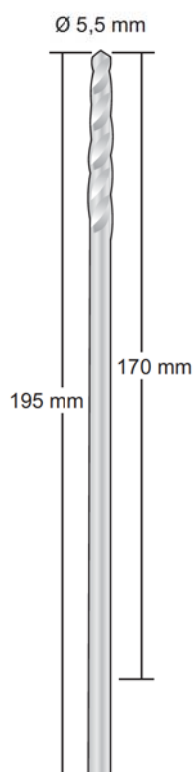
LS-55



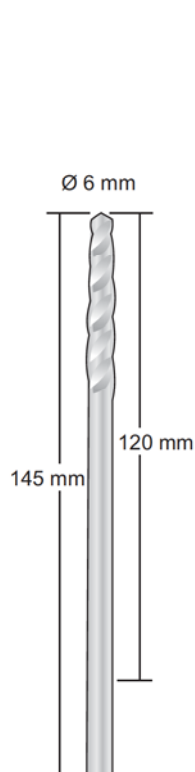
LS-56



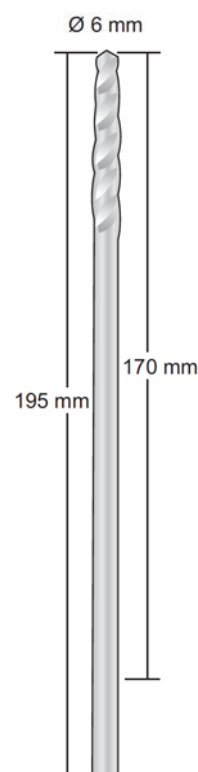
LS-57



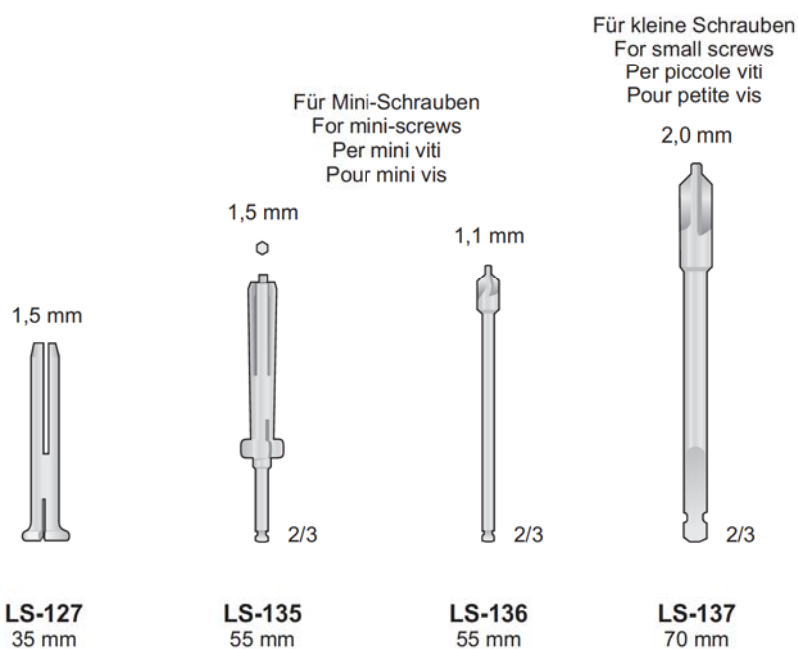
LS-58



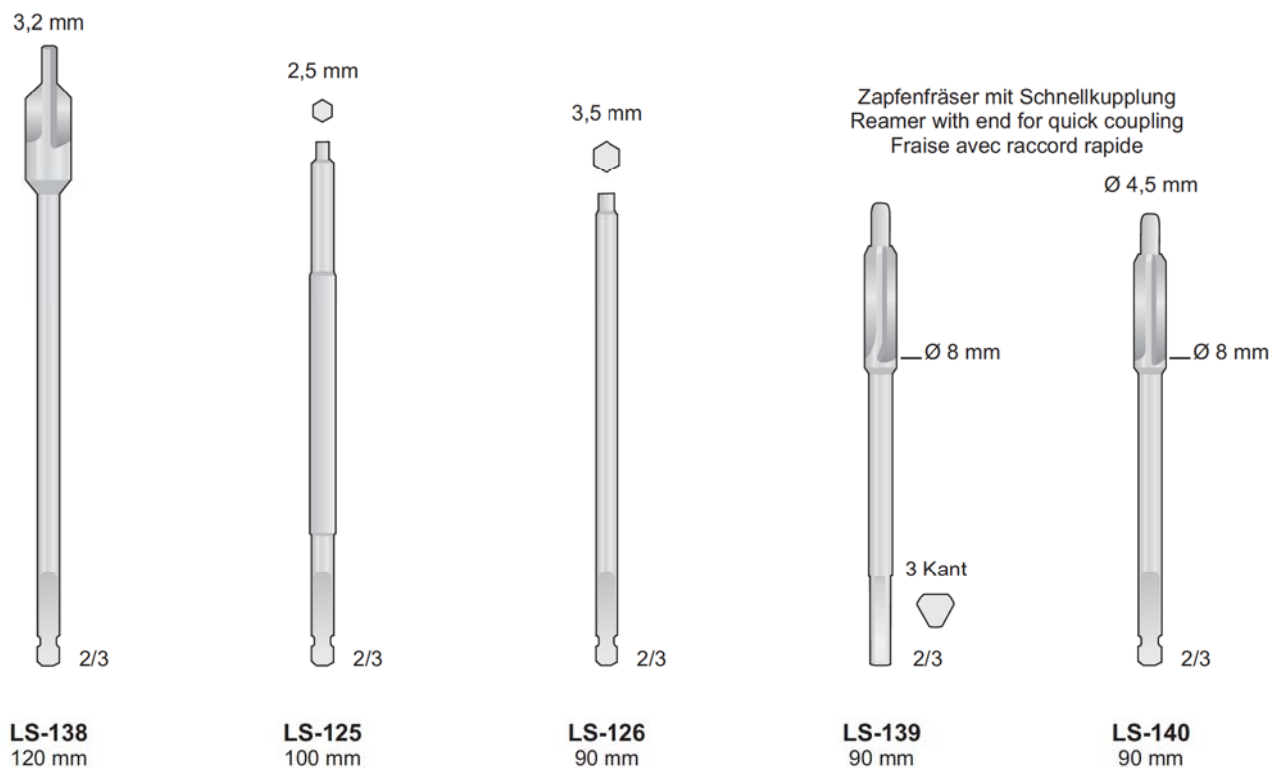
LS-59



LS-60



Für Malleolarschrauben
For malleolar screws
Per viti malleolari
Pour vis à malléole





Handgriffe mit schnellspann futter
Handles with quick-action chuck
Manico con mandrino rapido
Poignées avec mandrins rapides

AO-Schaft



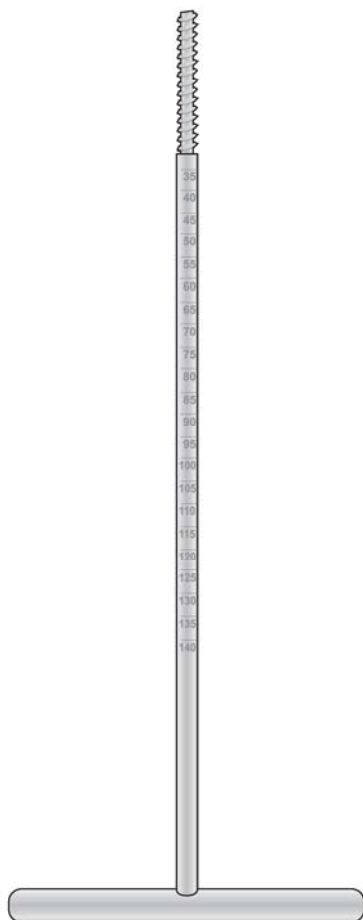
Dental-Schaft



4kant-Schaft



Ø 4 mm



LS-120
260 mm



MANICO FERROZELL
LS-242
125 mm



LS-244
110 mm



LS-240
80 mm

**LS-233**

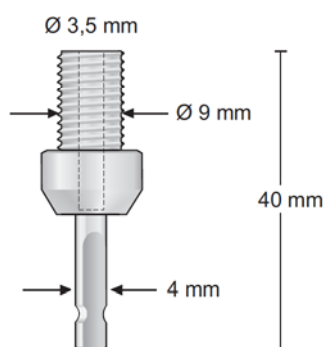
Komplett mit - Complete with
Completo con - Completos con
Completos avec:

1 **LS-236**

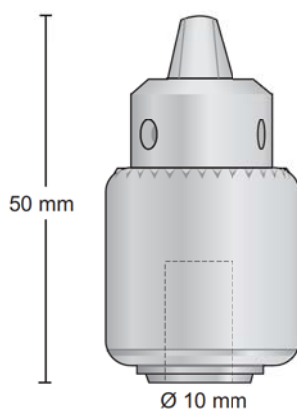
1 **LS-229**

1 **LS-241**

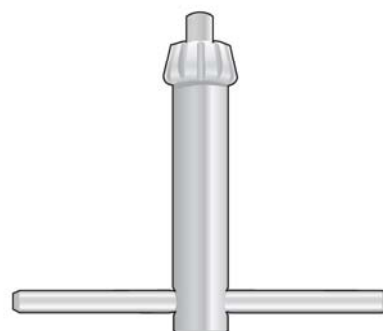
Attacco AO



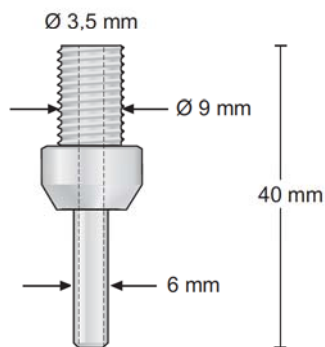
LS-227
40 mm

Inox
ORIGINAL JACOBS

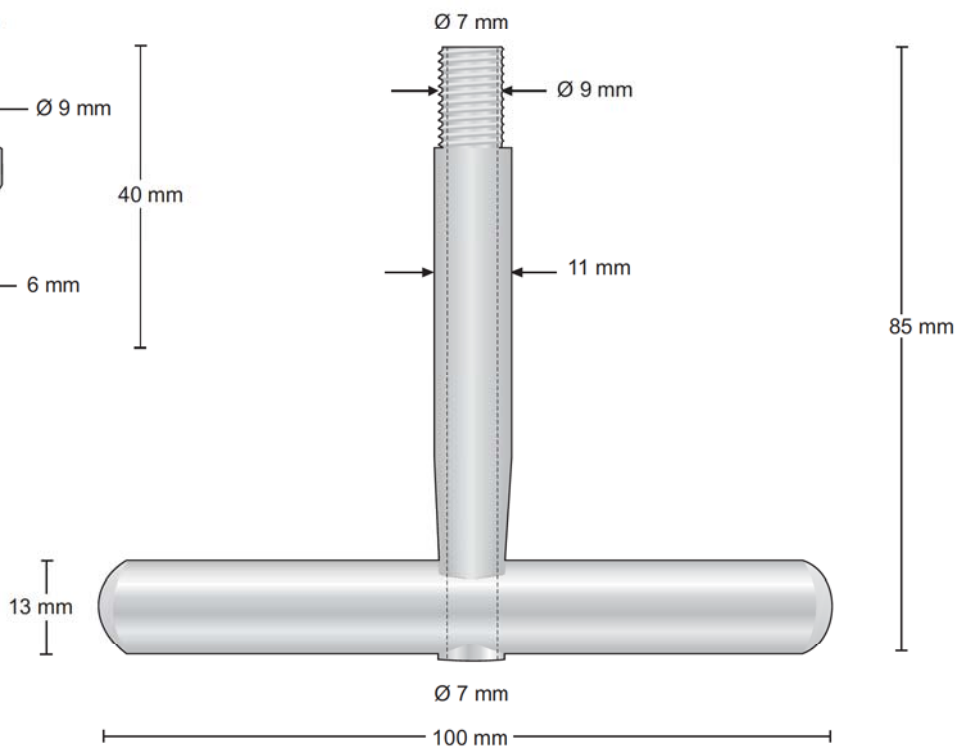
LS-236
50 mm



LS-241
52 mm



LS-228
40 mm

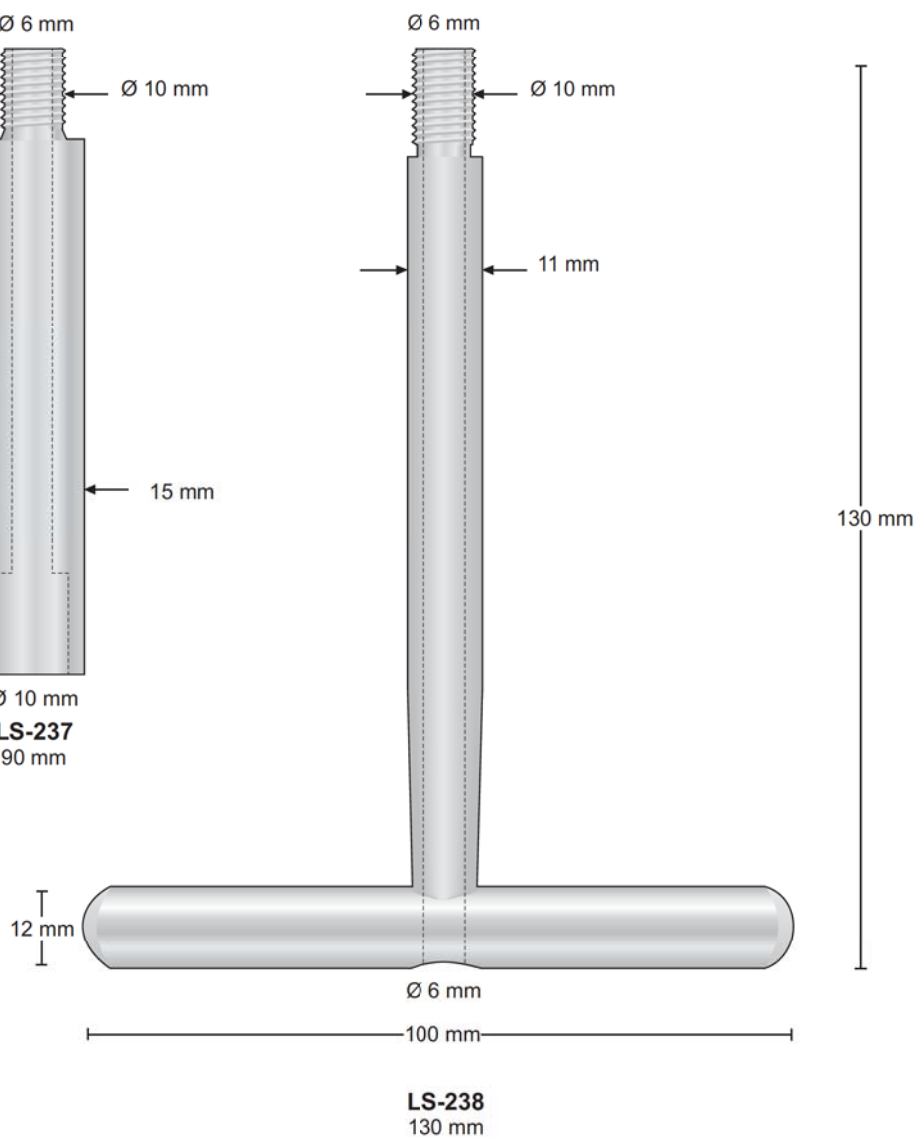
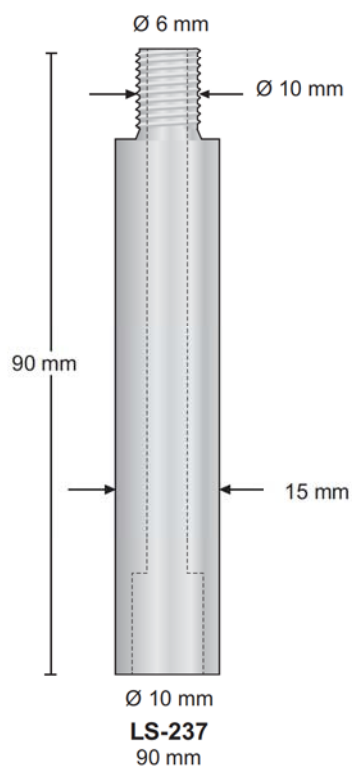
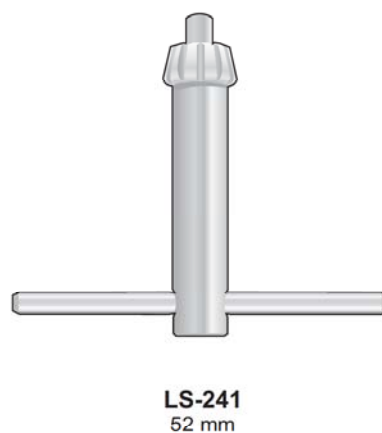
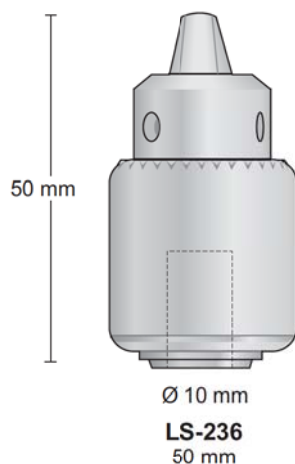


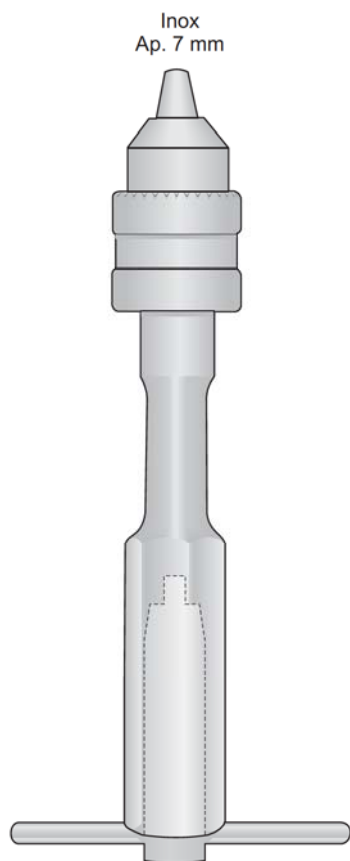
LS-229
85 mm



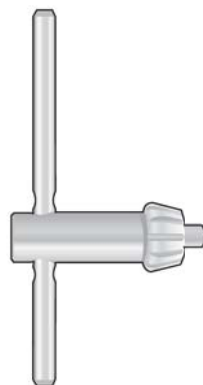
LS-239
Komplett mit - Complete with
Completo con - Completos con
Completos avec:
1 **LS-236**
1 **LS-237**
1 **LS-238**
1 **LS-241**

Inox
ORIGINAL JACOBS





LS-232
130 mm

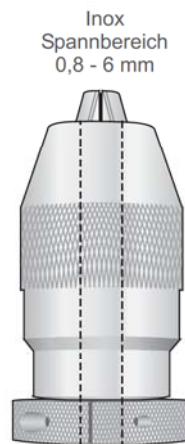


LS-231
32 mm

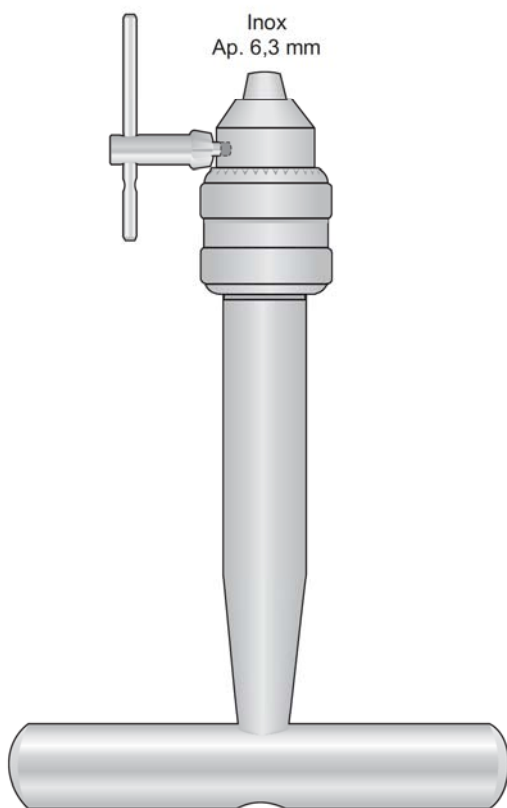
Von Handt zu spannen
Tightened by hand
Con chiusura a mano



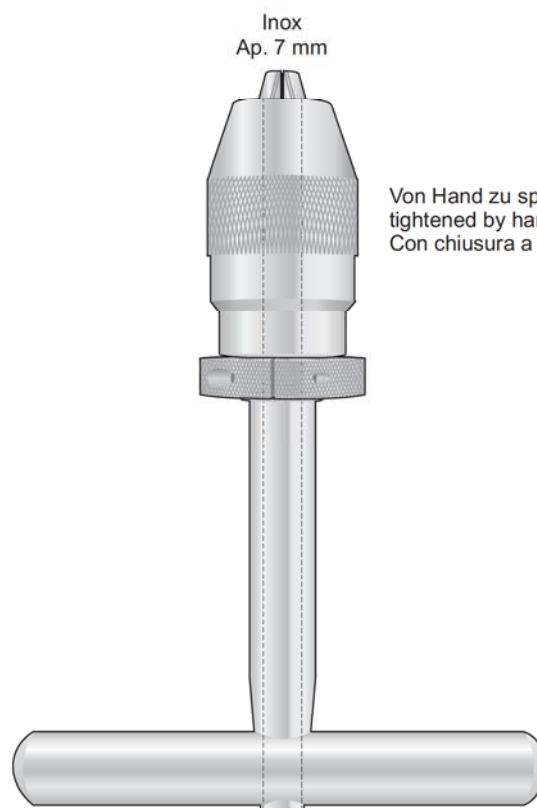
LS-222



LS-224



LS-230
130 mm

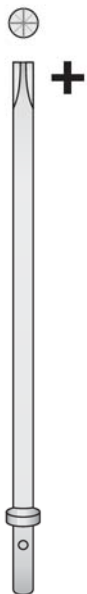


Von Handt zu spannen
tightened by hand
Con chiusura a mano

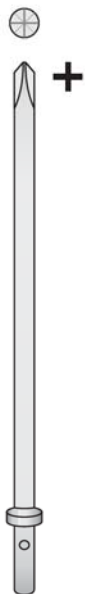
LS-234
135 mm



Schraubenzieher, Set mit Etui - Box with screws driver - Scatola con set giraviti
Set destornilladores - Jeu de tournevis, en boîte



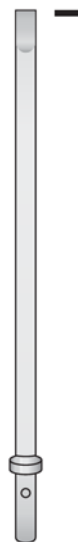
LS-321
140 mm



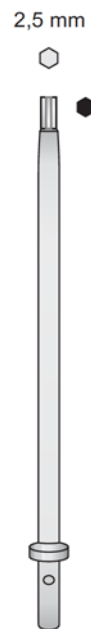
LS-322
140 mm



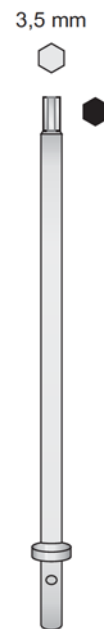
LS-323
140 mm



LS-324
140 mm



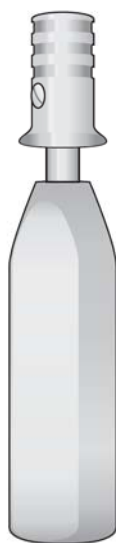
LS-325
140 mm



LS-326
140 mm



LS-231
32 mm



LS-320
145 mm



**UNIVERSAL
LS-235**
75 mm

LS-330

Schraubenzieher, Set mit Etui - Komplet
Box with screws driver - Complete
Scatola con set giraviti - Completo
Set destornilladores - Completos
Jeu de tournevis, en boîte - Complete

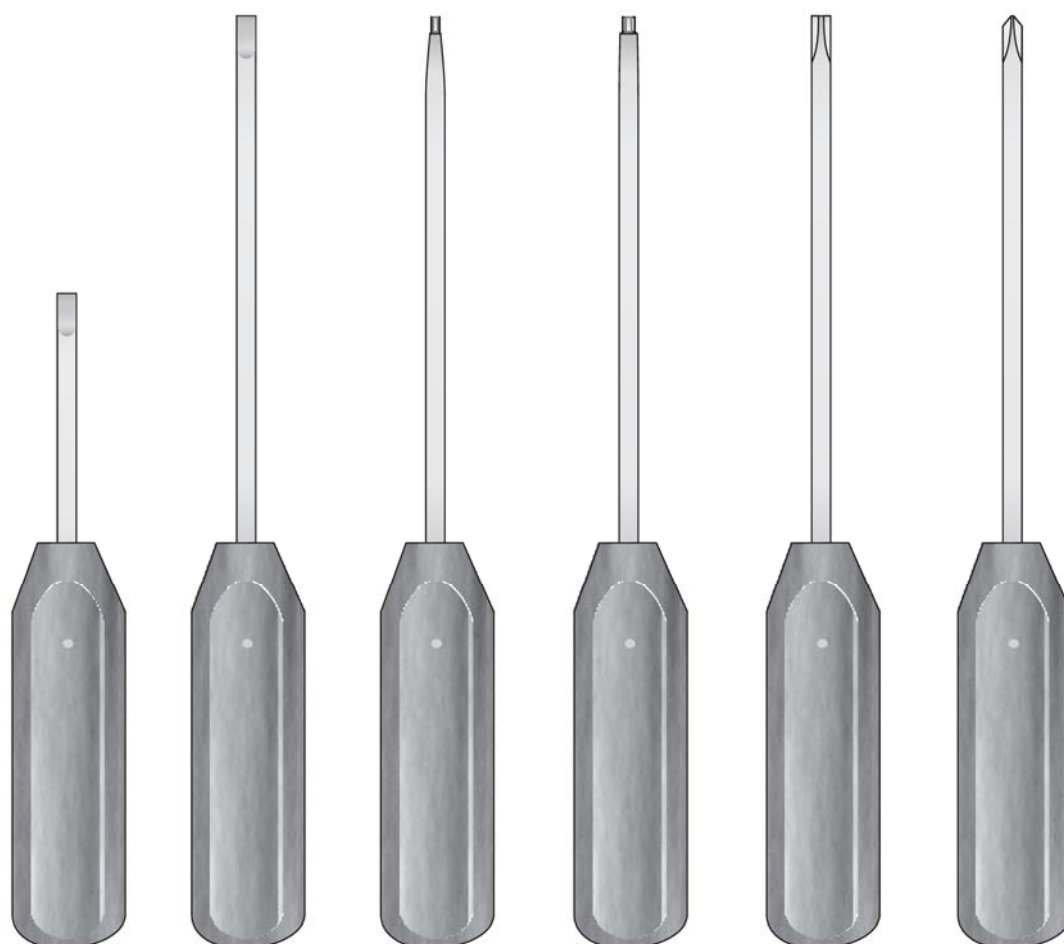
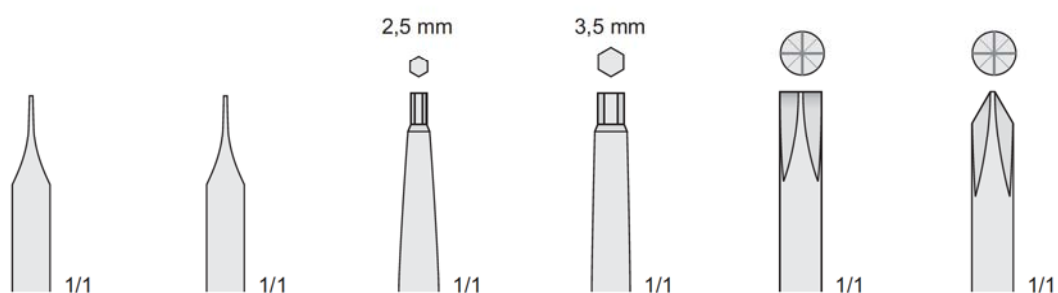
Etui allein
Box only
Solo scatola
Seul boîte



LS-329
200x100x40 mm



Schraubenzieher mit Ferrozellgriff
Screws driver with Ferrozell handle
Giraviti con manico di Ferrozell
Destornilladores con mango de Ferrozell
Jeu de tournevis avec poignée en Ferrozell



LS-310
170 mm

LANE
LS-311
250 mm

LS-312
250 mm

LS-313
250 mm

LS-314
250 mm

PHILIPS
LS-315
250 mm



Schraubenzieher mit Ferrozellgriff
Screws driver with Ferrozell handle
Giraviti con manico di Ferrozell
Destornilladores con mango de Ferrozell
Jeu de tournevis avec poignée en Ferrozell

2,5 mm



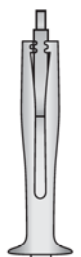
LS-128
50 mm

+ 1,5 -2,5 mm



LS-316
195 mm

○ 1,5 mm



LS-317
195 mm

○ 2,5 mm



LS-318
195 mm



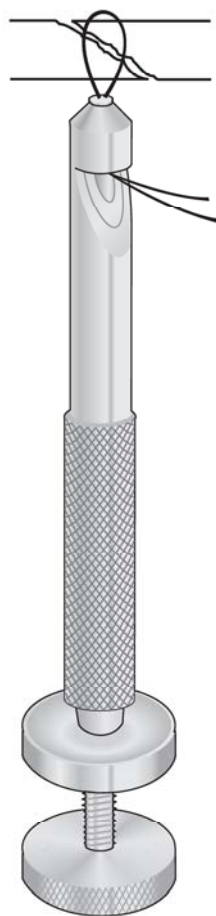
Drahtinstrumentarium
Wire instrument set
Strumenti per filo di cerchiaggio
Instrumental para cerclaje
Instruments à fil

Draht weich
Wire soft
Filo malleabile
per compattare l'osso
Alambre ligadura
Fil à os



10 mt.

Ø/Diam.	Codice
0,2 mm	KI-202
0,3 mm	KI-203
0,4 mm	KI-204
0,5 mm	KI-205
0,6 mm	KI-206
0,7 mm	KI-207
0,8 mm	KI-208
0,9 mm	KI-209
1,0 mm	KI-210
1,2 mm	KI-211
1,5 mm	KI-212



LOUTE
KI-322
220 mm

Drahtspanninstrument
Bone wire tighteners
Strumenti tendifili
Tensor cierra-hilos
Tendeur serre fils



LS-110
130 mm

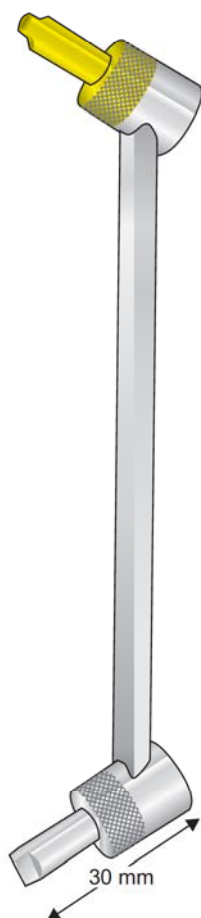


Bohrbüchsen zu Knochenplatten - Drill guides - Centratori guida punte - Guide méche

Codificazione del colore

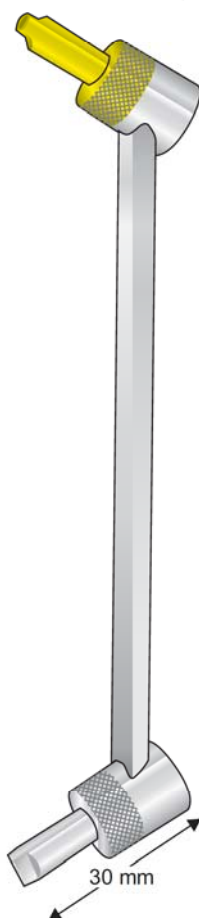
verde = centrico
oro = eccentrico

Per trapano Ø 2,0 mm
Per viti da corticale Ø 2,7 mm



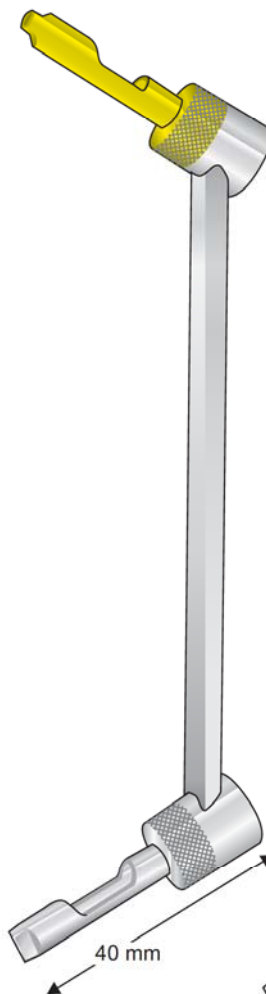
LS-91
140 mm

Per trapano Ø 2,5 mm
Per viti da corticale Ø 3,5 mm



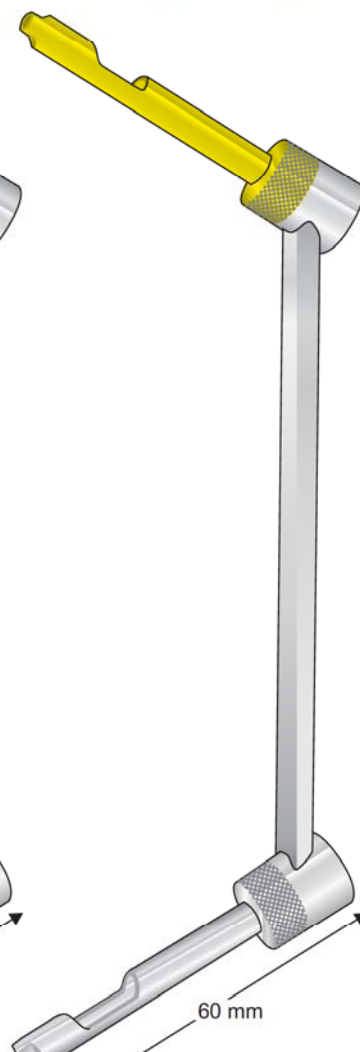
LS-90
140 mm

Per trapano Ø 3,2 mm
Per viti da corticale Ø 4,5 mm



LS-92
165 mm

Per trapano Ø 3,2 mm
Per viti da corticale Ø 4,5 mm



LS-93
170 mm



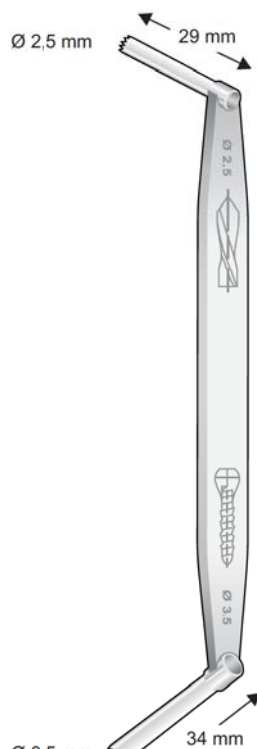
Bohrbüchsen zu Knochenplatten - Drill guides - Centratori guida punte - Guide méche



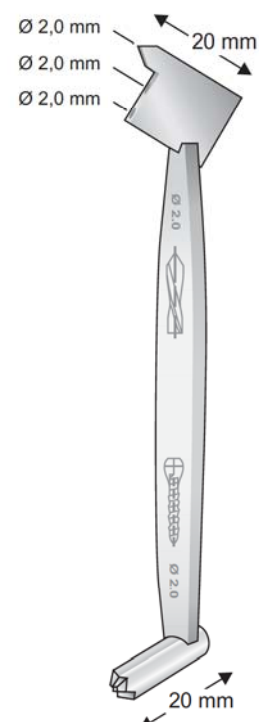
LS-73
120 mm



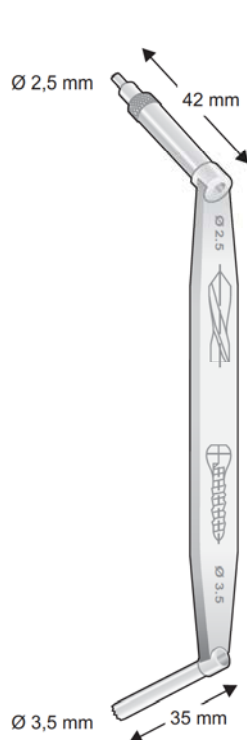
LS-74
120 mm



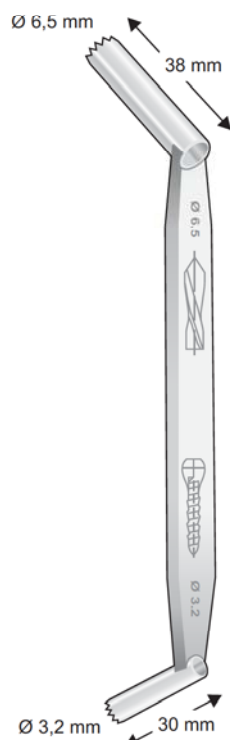
LS-75
120 mm



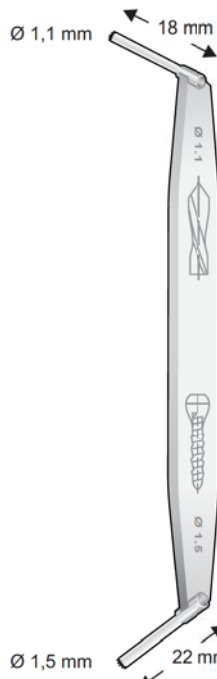
LS-80
110 mm



LS-81



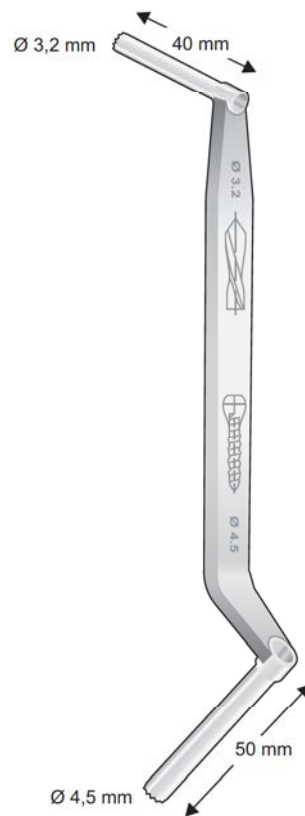
LS-82



LS-83
105 mm



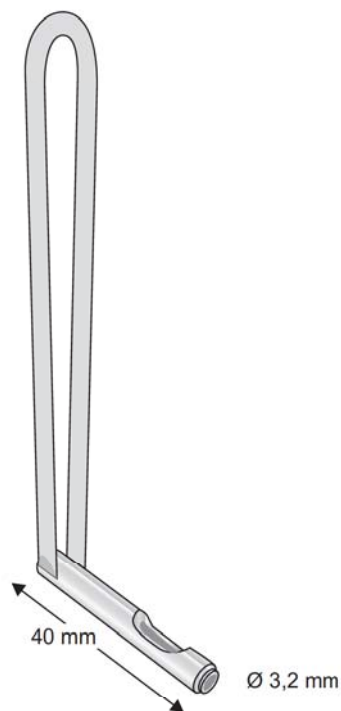
LS-84
160 mm



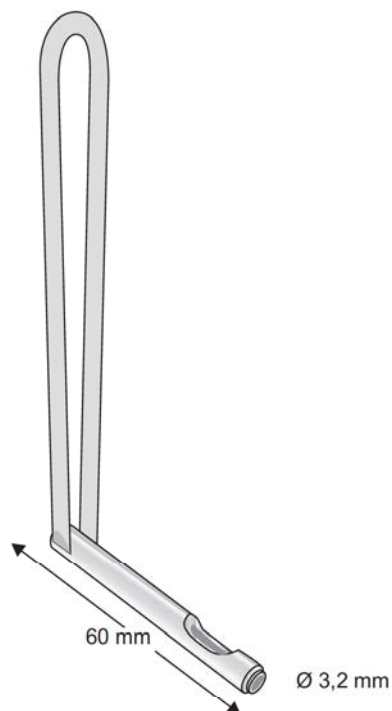
LS-85



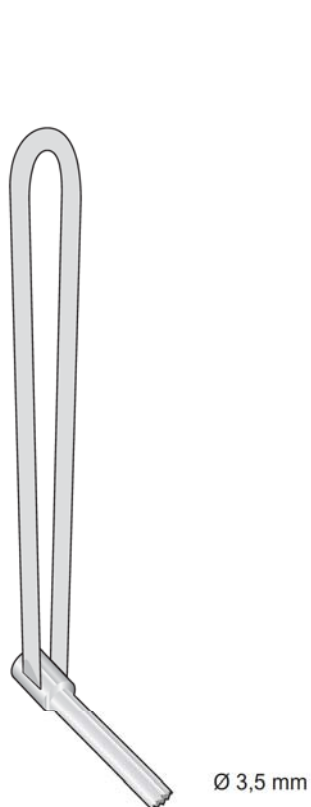
Bohrbüchsen zu Knochenplatten - Drill guides - Centratori guida punte - Guide méche



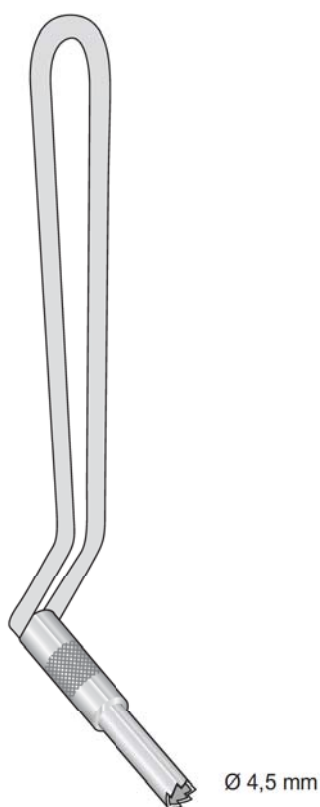
LS-117
125 mm



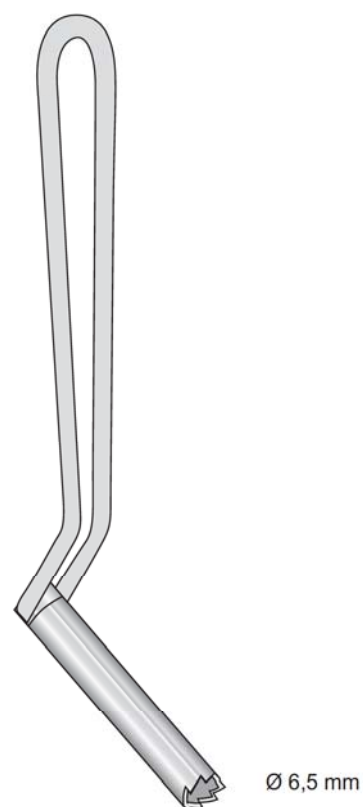
LS-124
125 mm



LS-116
125 mm



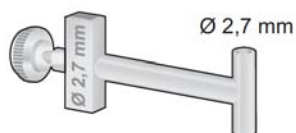
LS-119
150 mm



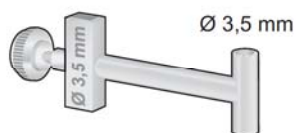
LS-121
150 mm



LS-96

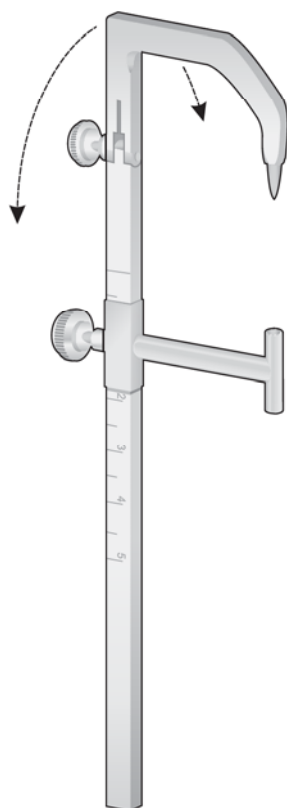


LS-97



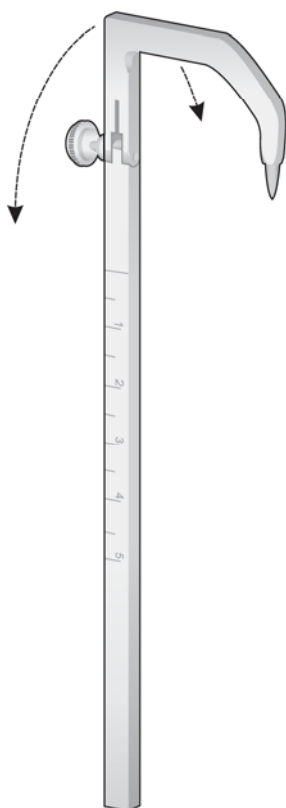
LS-98

LS-95
Complete with 3 guide
Completo di 3 guide
LS-94+LS-96+LS-97+LS-98



LS-95
145 mm

LS-94
Drill guide only
Centratore solo



LS-94
145 mm

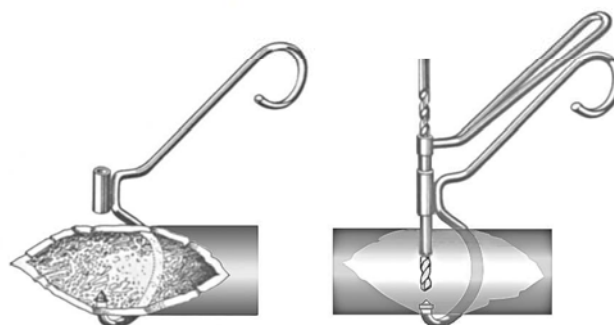
Steckbohrbüchsen
Manicotto dentato
Centrapunte
Insert-drill



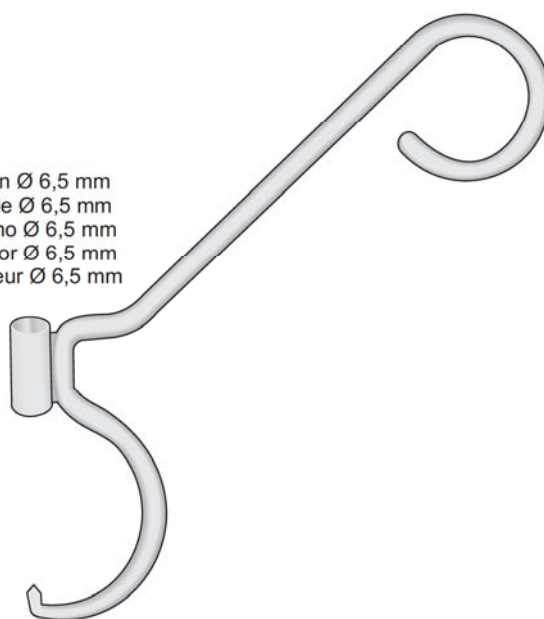
	Ø Außen Ø Outside Ø Esterno Ø Exterior Ø Extérieur	Ø Für Bohrer Ø For drills Ø Per punte Ø Para agujas Ø Pour Mèches
Cod. Art.		

Cod. Art.	Ø Außen Ø Outside Ø Esterno Ø Exterior Ø Extérieur	Ø Für Bohrer Ø For drills Ø Per punte Ø Para agujas Ø Pour Mèches
LS-113	4,5 mm	3,2 mm
LS-114	3,5 mm	2 mm
LS-115	3,5 mm	2,7 mm

Gewebeschutzhülsen
Guida per punte elicoidali



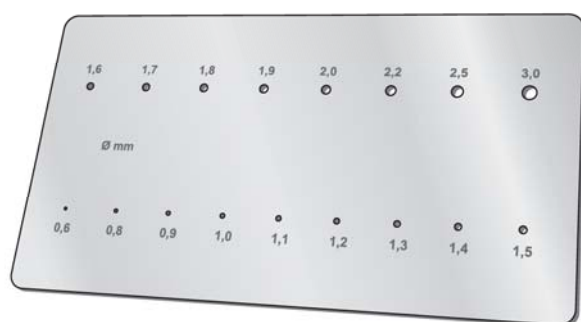
Innen Ø 6,5 mm
Inside Ø 6,5 mm
Interno Ø 6,5 mm
Interior Ø 6,5 mm
Intérieur Ø 6,5 mm



LS-112



Meßlehre für Kirschnerdrähte
Measuring Gauge for nails
Misuratore per chiodi Kirschner



KI-10

0,5 mm



0,5 mm



0,5 mm



0,5 mm



LS-07
50 mm

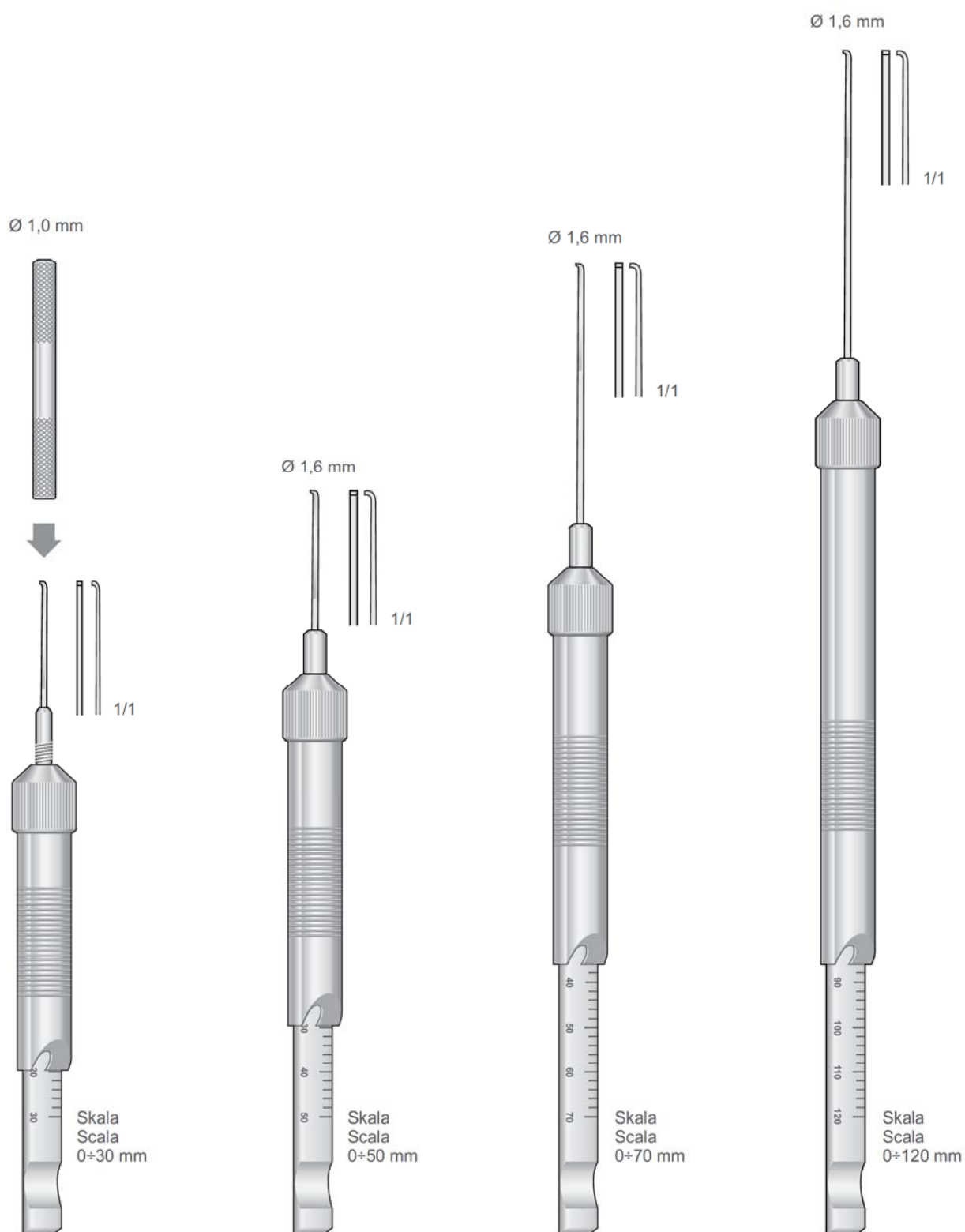
LS-08
100 mm

LS-09
150 mm

LS-06
300 mm



Screw depth gauges, to select proper length of screw
Misuratore di lunghezza per viti
Instruments de mesure de profondeur pour déterminer la longueur de vis requise



LS-199
138 mm

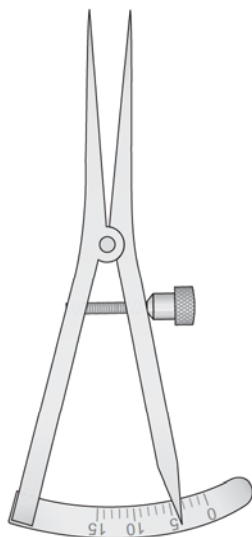
LS-200
156 mm

LS-201
190 mm

LS-202
285 mm

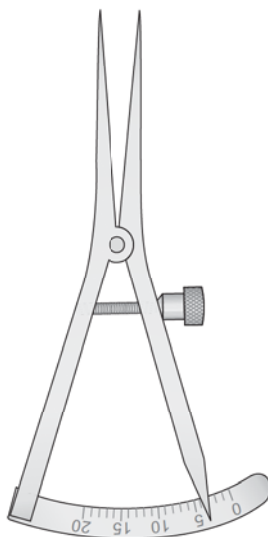


Meßbereich: 0 - 15 mm
Measuring range: 0 - 15 mm
Campo di misura: 0 - 15 mm
Alcance de medición: 0 - 15 mm
Etendue de mesure: 0 - 15 mm



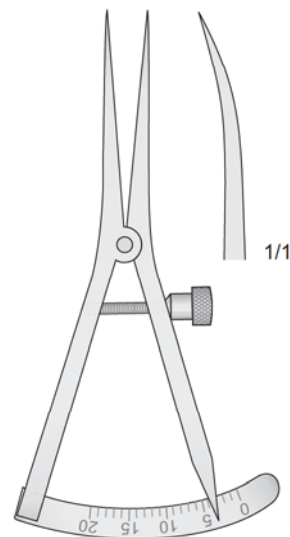
CASTROVIEJO
OR-15
90 mm

Meßbereich: 0 - 20 mm
Measuring range: 0 - 20 mm
Campo di misura: 0 - 20 mm
Alcance de medición: 0 - 20 mm
Etendue de mesure: 0 - 20 mm



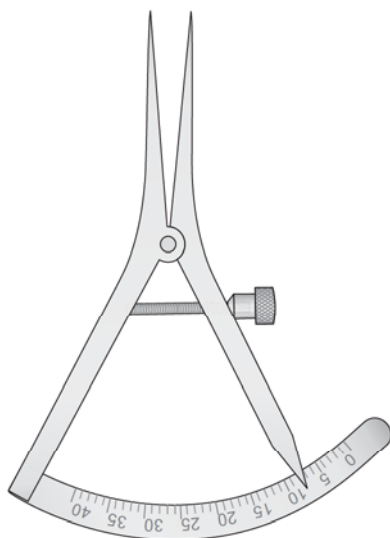
CASTROVIEJO
OR-17
90 mm

Meßbereich: 0 - 20 mm
Measuring range: 0 - 20 mm
Campo di misura: 0 - 20 mm
Alcance de medición: 0 - 20 mm
Etendue de mesure: 0 - 20 mm



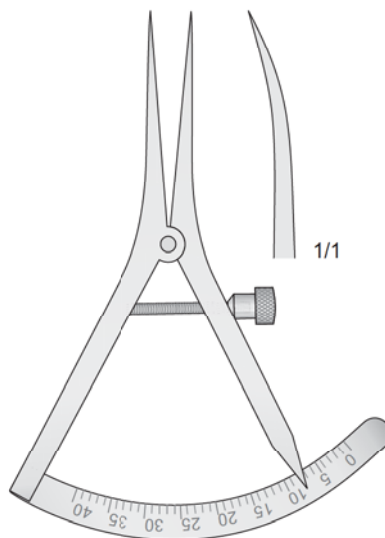
CASTROVIEJO
OR-19
90 mm

Meßbereich: 0 - 40 mm
Measuring range: 0 - 40 mm
Campo di misura: 0 - 40 mm
Alcance de medición: 0 - 40 mm
Etendue de mesure: 0 - 40 mm

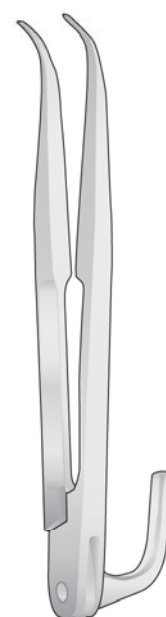


CASTROVIEJO
OR-11
90 mm

Meßbereich: 0 - 40 mm
Measuring range: 0 - 40 mm
Campo di misura: 0 - 40 mm
Alcance de medición: 0 - 40 mm
Etendue de mesure: 0 - 40 mm



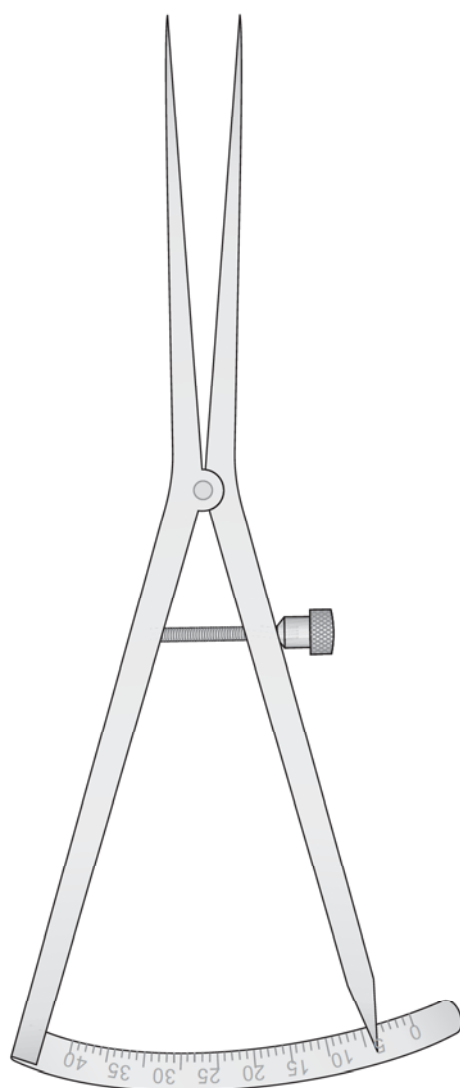
CASTROVIEJO
OR-13
90 mm



ZIELINSKY
DP-725
110 mm

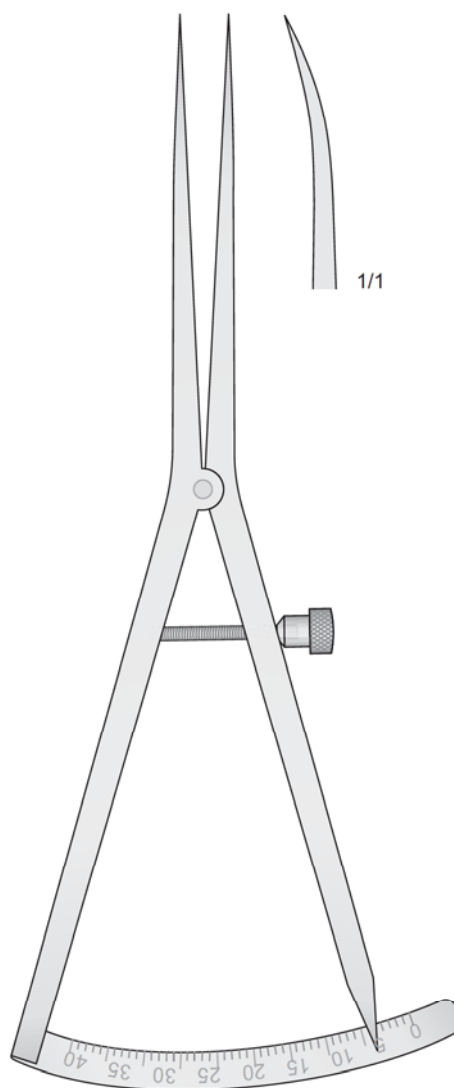


Meßbereich: 0 - 40 mm
Measuring range: 0 - 40 mm
Campo di misura: 0 - 40 mm
Alcance de medición: 0 - 40 mm
Etendue de mesure: 0 - 40 mm



CASTROVIEJO
OR-12
170 mm

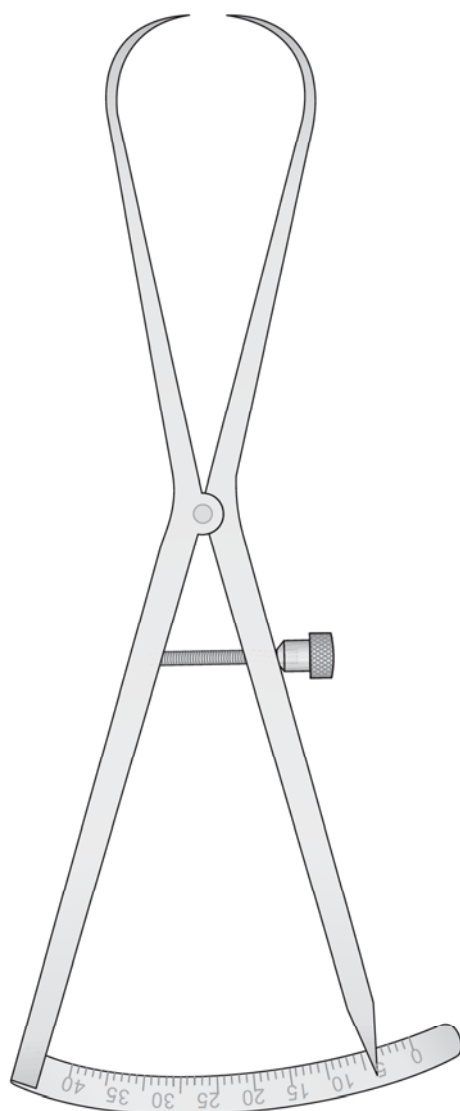
Meßbereich: 0 - 40 mm
Measuring range: 0 - 40 mm
Campo di misura: 0 - 40 mm
Alcance de medición: 0 - 40 mm
Etendue de mesure: 0 - 40 mm



CASTROVIEJO
OR-14
170 mm

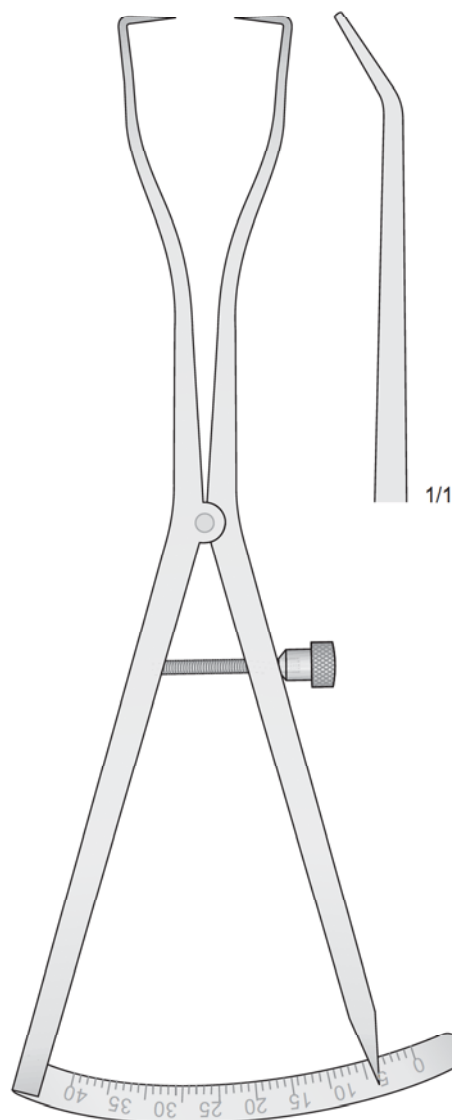


Meßbereich: 0 - 40 mm
Measuring range: 0 - 40 mm
Campo di misura: 0 - 40 mm
Alcance de medición: 0 - 40 mm
Etendue de mesure: 0 - 40 mm



CASTROVIEJO
OR-16
170 mm

Meßbereich: 0 - 40 mm
Measuring range: 0 - 40 mm
Campo di misura: 0 - 40 mm
Alcance de medición: 0 - 40 mm
Etendue de mesure: 0 - 40 mm



CASTROVIEJO
OR-18
170 mm



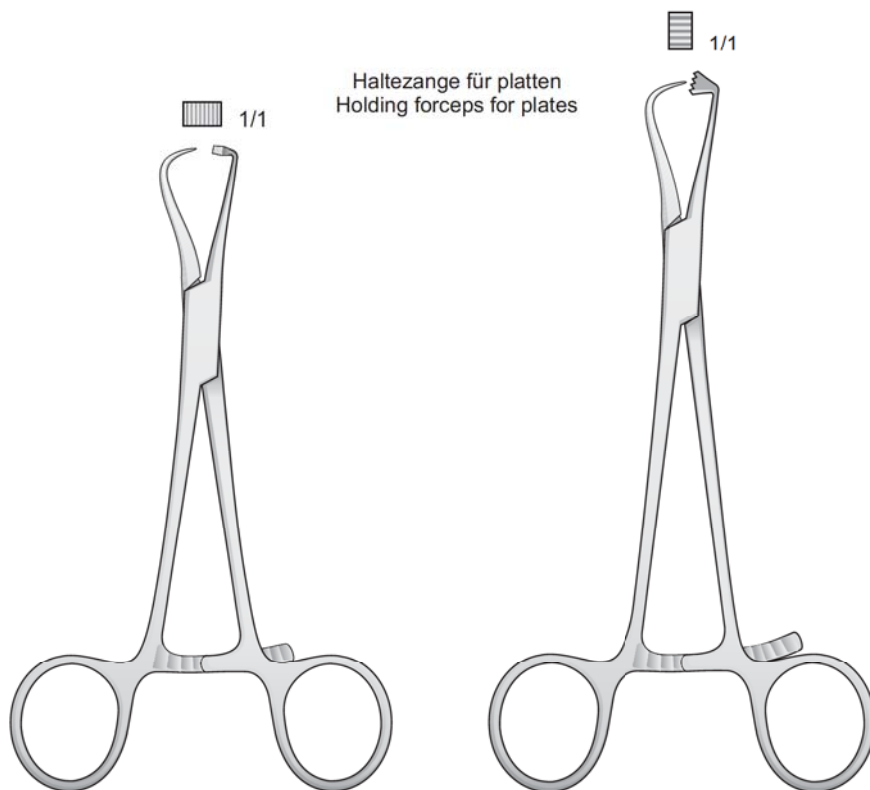
Forceps
for plattes

Biege und
schränkhebel

Pinze e chiavi
per placche

Pinzas
para placas

Pinces à courber
pour plaques

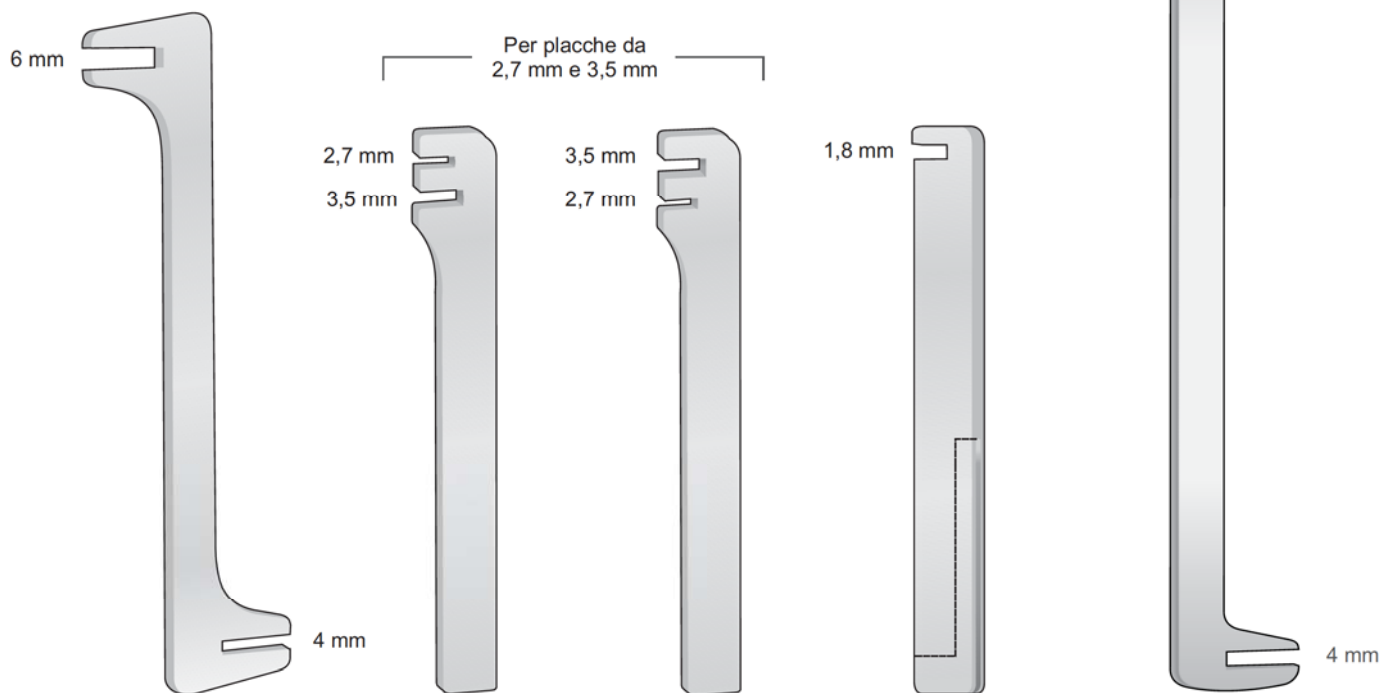


LS-76
120 mm

LS-78
125 mm

Für Standard-Platten
For standard plates

Biege und Schränkhebel für kleine platten
Bending irons, for small plates



LS-101
180 mm

LS-103 100 mm
LS-102 140 mm

LS-123 100 mm
LS-122 140 mm

LS-104
100 mm

LS-105
250 mm



Forceps
for plattes

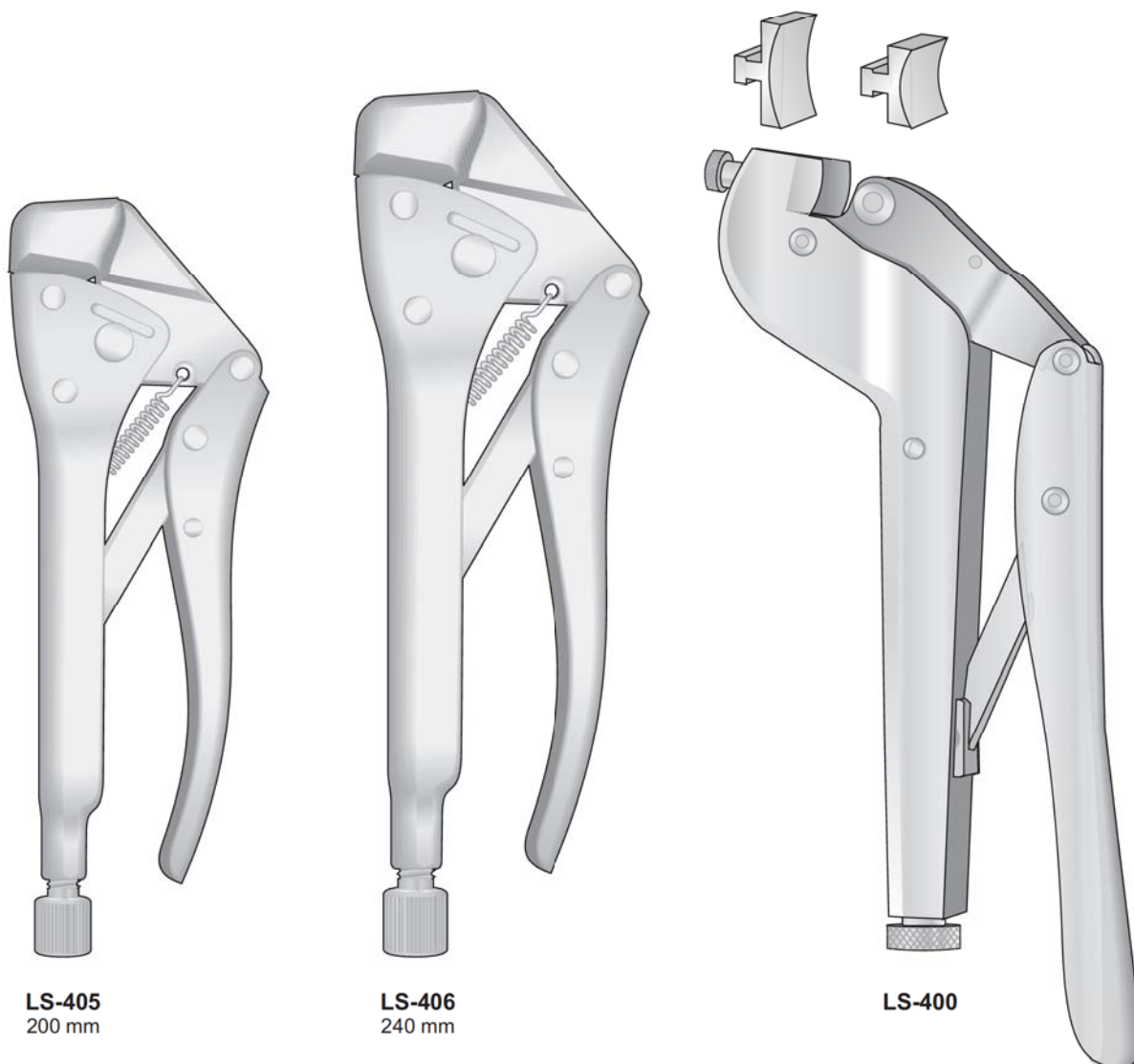
Zangen für
schränkhebel platten

Pinze
per placche

Pinzas
para placas

Pinces à courber
pour plaques

Biegezange - Bending pliers - Pinze piegaplacche - Pinces à plier

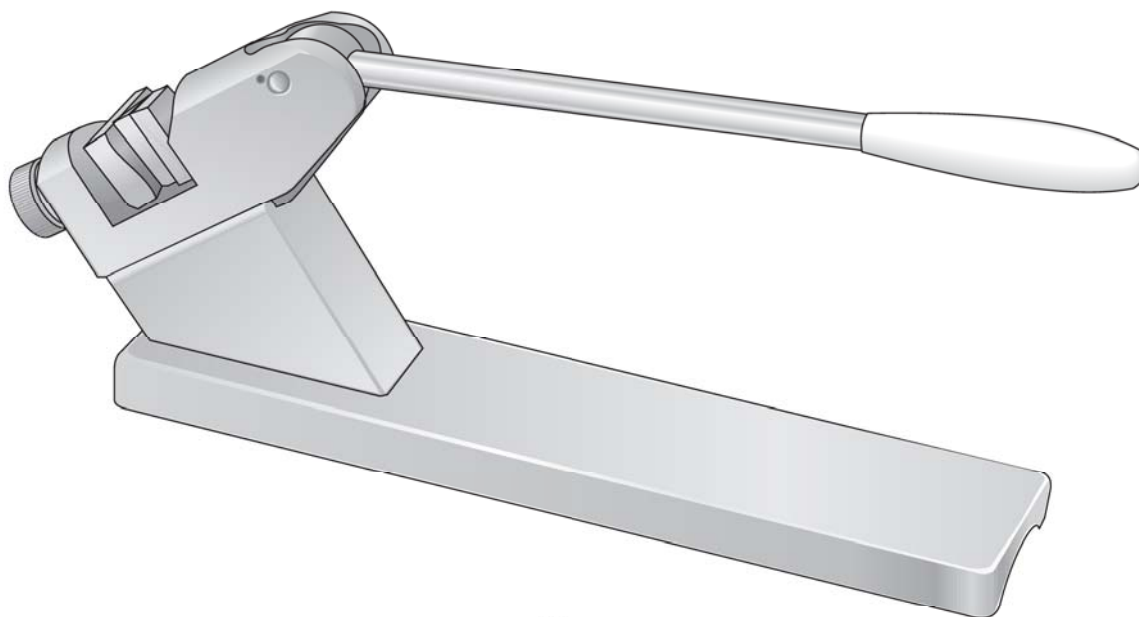


LS-405
200 mm

LS-406
240 mm

LS-400

Biegepresse - Bending press - Pressa piegaplacche - Presse pour plier



LS-410

**FR-20**

FR-21 FR-22 + FR-23 FR-24 FR-25 FR-26
 Komplet, mit Fräsern Fig. 1-4 und Verlängerungsstück
 Complete, with burrs no. 1-4 and extension piece
 Completo, con fresa Fig. 1-4 e giunto di prolungamento
 Completo, con fresas no. 1-4 y pieza de prolongación
 Complet, avec fraises no. 1-4 et pièce de rallonge



Verlängerungsstück
 Extension Piece
 Giunto di prolungamento
 Pieza de prolongación
 Pièce de rallonge

HUDSON
FR-22



HUDSON
FR-23
 Ø 9 mm

Kegelfräser
 Conical Burr
 Fresa cuneiforme
 Fresa cónica
 Fraise conique



HUDSON
FR-24
 Ø 14 mm

Kegelfräser
 Conical Burr
 Fresa cuneiforme
 Fresa cónica
 Fraise conique



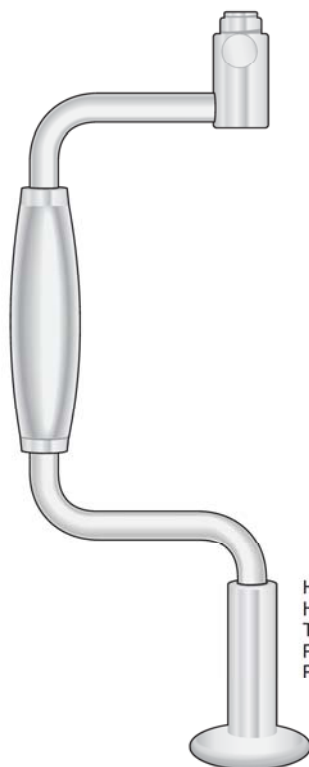
HUDSON
FR-25
 Ø 16 mm

Kugelfräser
 Spherical Burr
 Fresa sferica
 Fresa esférica
 Fraise spherique



HUDSON
FR-26
 Ø 22 mm

Kugelfräser
 Spherical Burr
 Fresa sferica
 Fresa esférica
 Fraise spherique



Handbohr allein
 Hand drill only
 Trapano solo
 Perforador suelto
 Perforateur seul

HUDSON
FR-21
 280 mm



ADSON
FR-27
 Ø 15 mm

Bohrer
 Burr
 Punta
 Fresa
 Fraise



Mc KENZIE
FR-28
 Ø 13 mm

Bohrer
 Burr
 Punta
 Fresa
 Fraise



CUSHING
FR-29
 Ø 14 mm

Flachbohrer
 Flat Trephine
 Trapano piatto
 Taladro plano
 Fraise plate



FR-30
 Ø 2 mm

Spiralbohrer
 Twist Drill
 Punta a spirale
 Broca espiral
 Mèche hélicoïdale



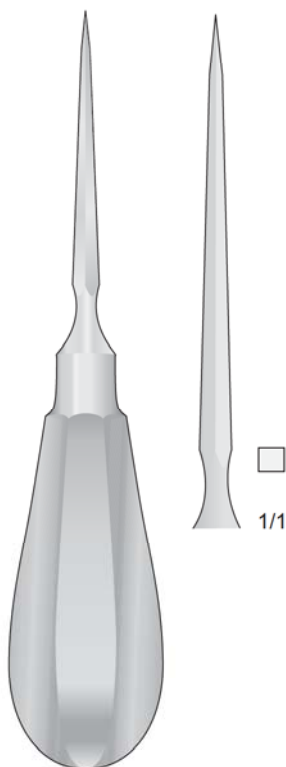
Bohrinstrumente
Pfrieme

Boring
instruments

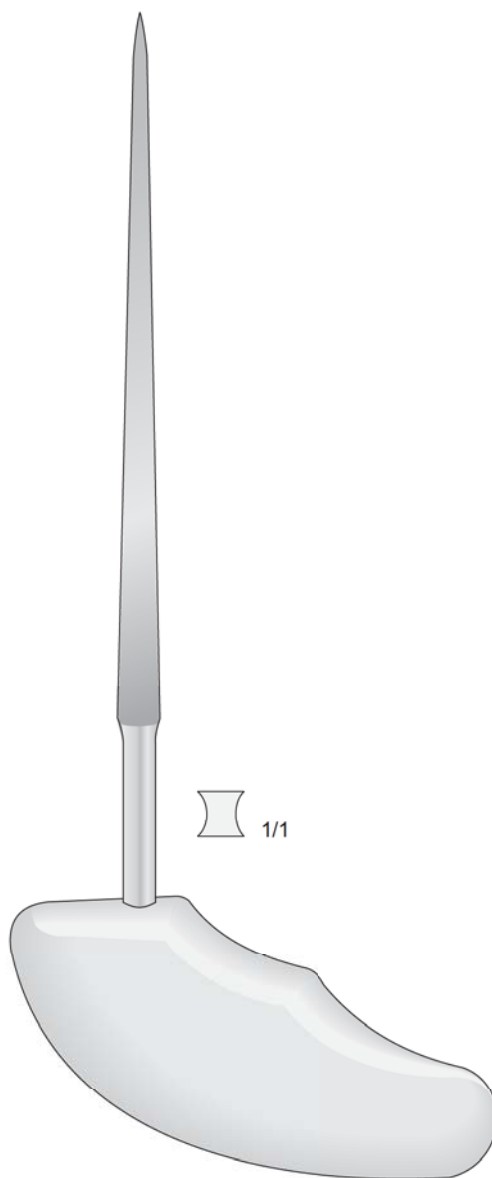
Perforatori
a mano

Perforadores
para huesos

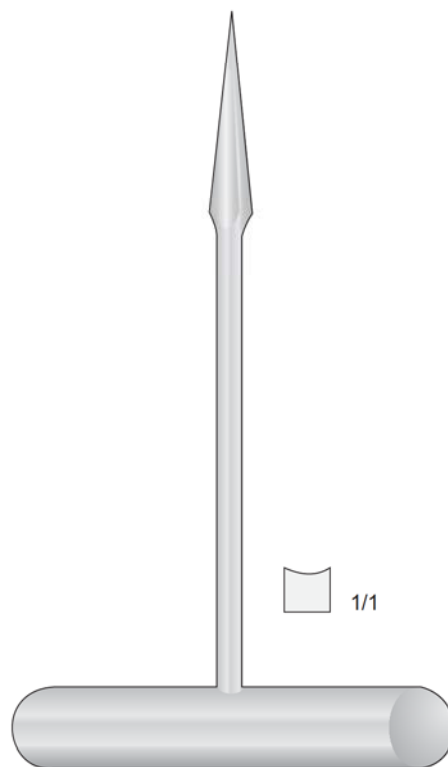
Instruments à perforer
alènes



TR-77
140 mm



**PERTHES
TR-78**
210 mm



TR-76
140 mm



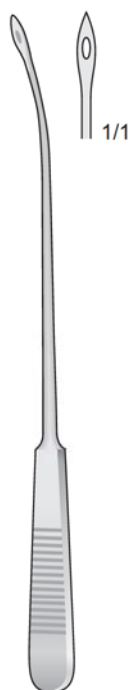
Unterbindungsnadeln

Ligature needles

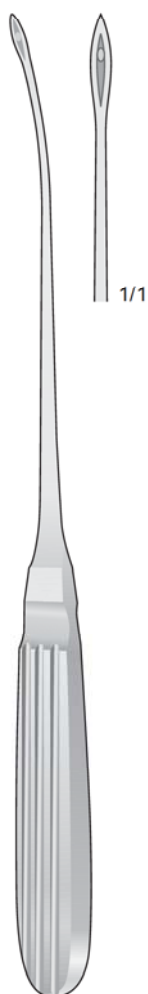
Aghi per legature

Agujas para ligaduras

Aiguilles à ligatures



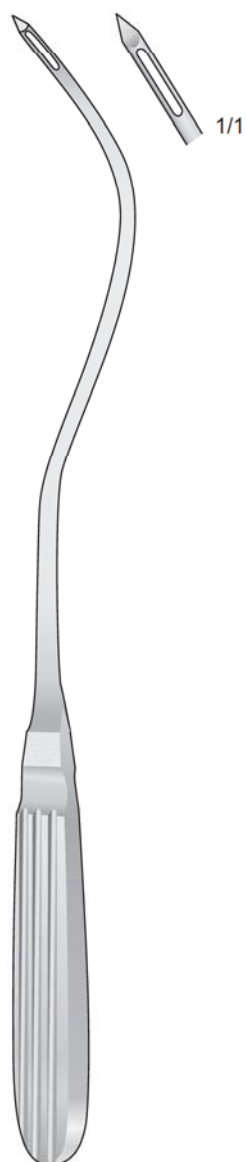
OBWEGESER
DO-30
140 mm



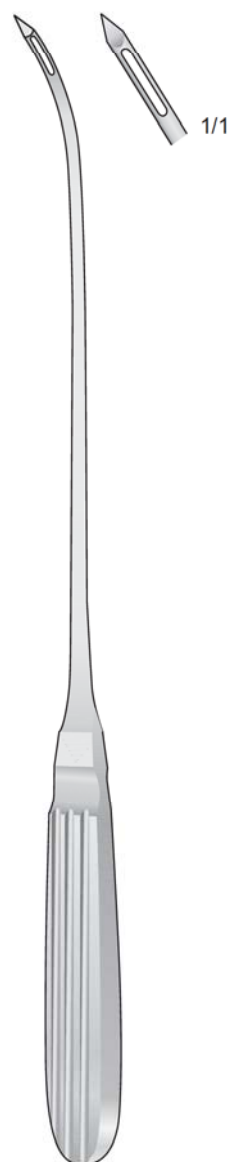
OBWEGESER
DO-31
230 mm



DO-32
180 mm



SANDERS-BROWN
DO-44
290 mm



SANDERS-BROWN
DO-49
300 mm

DEMEL
BM-12/BM-14

Fig.3

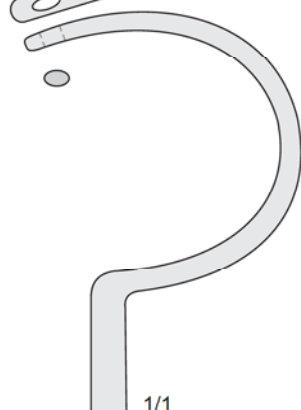
**BM-12**
275 mm

Fig.2

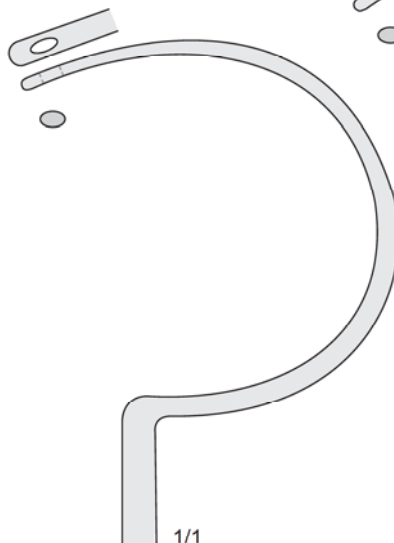
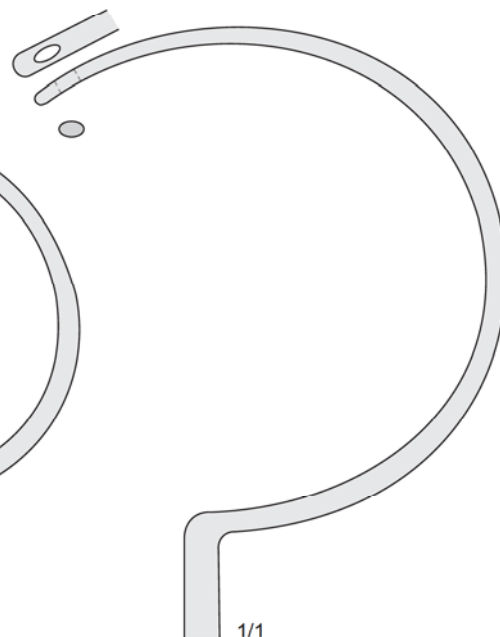
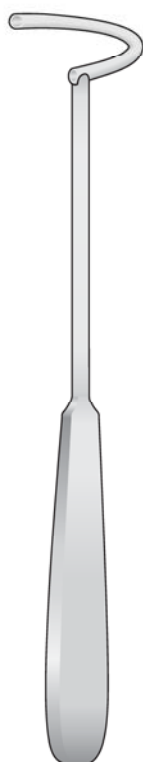
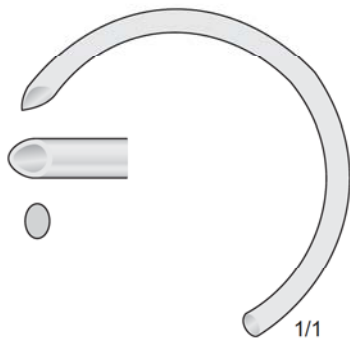
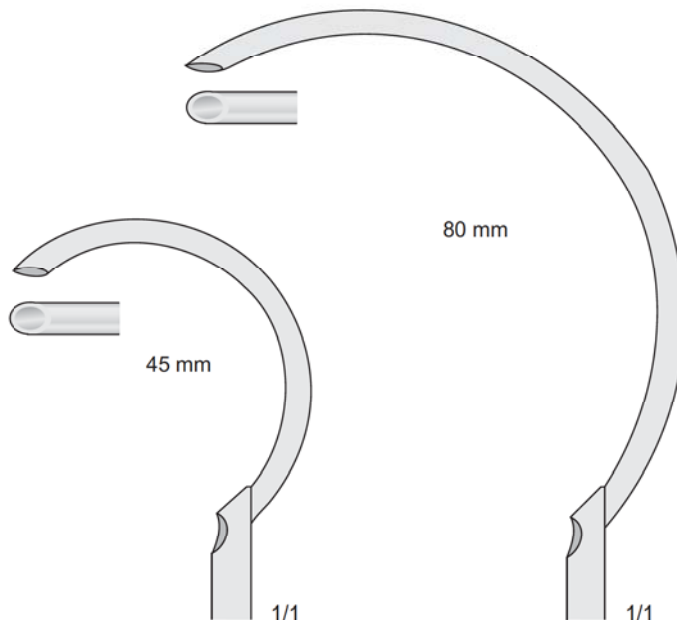
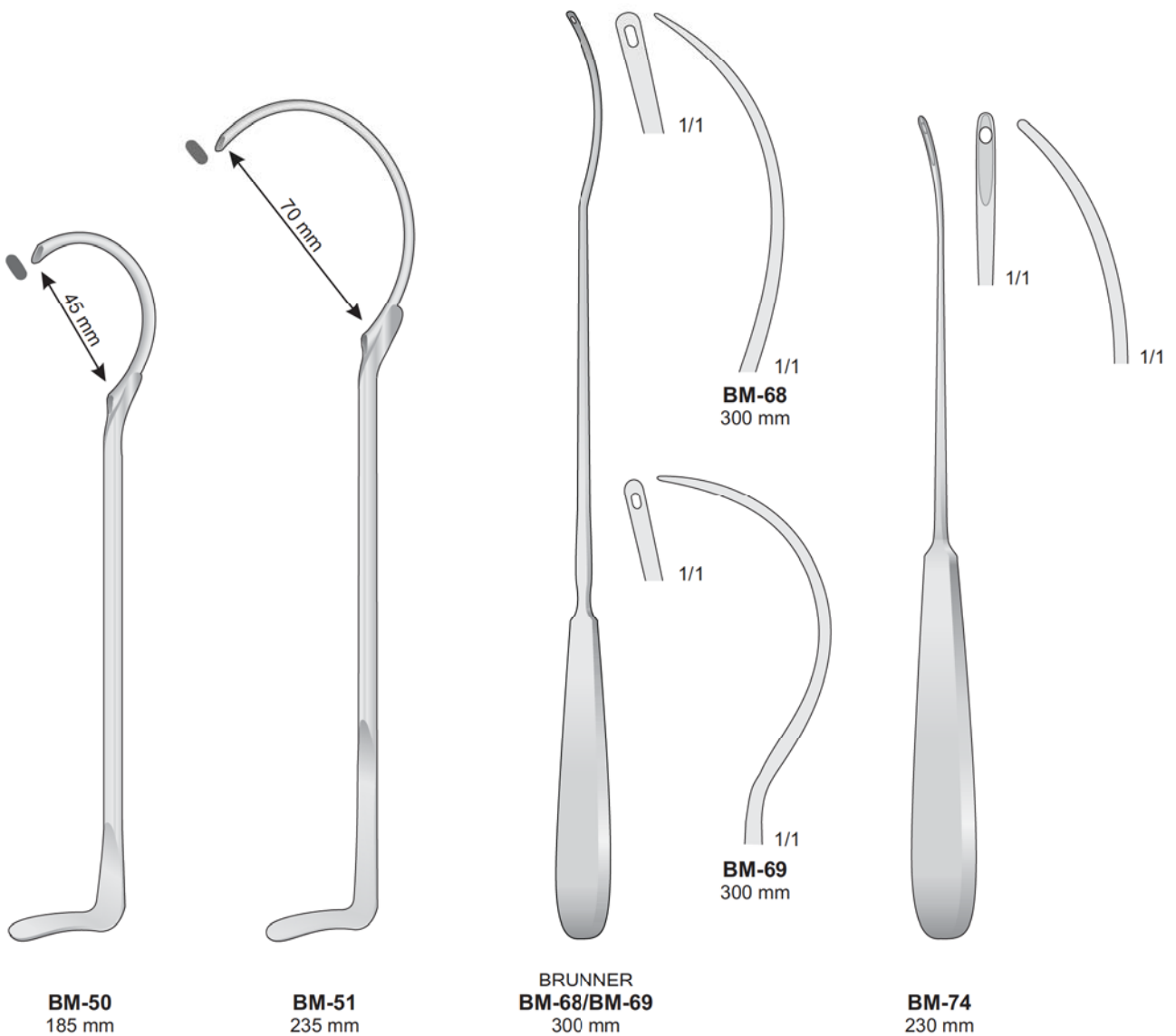
**BM-13**
285 mm

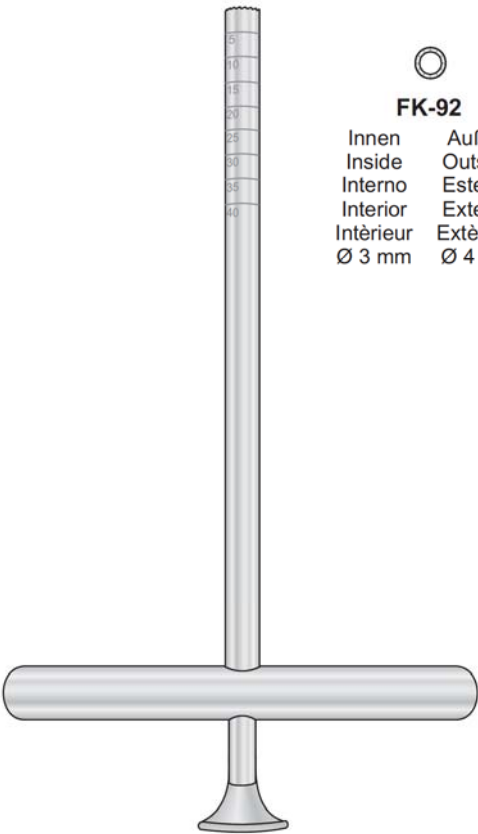
Fig.1

**BM-14**
295 mm**BM-10**
225 mm**BM-10**
225 mm**BM-11**
240 mm

80 mm

BM-09
270 mm





FK-90/FK-92
170 mm



FK-92

Innen	Außen
Inside	Outside
Interno	Esterno
Interior	Exterior
Intérieur	Extérieur
Ø 3 mm	Ø 4 mm



FK-90

Innen	Außen
Inside	Outside
Interno	Esterno
Interior	Exterior
Intérieur	Extérieur
Ø 3,9 mm	Ø 5 mm



FK-91

Innen	Außen
Inside	Outside
Interno	Esterno
Interior	Exterior
Intérieur	Extérieur
Ø 6,4 mm	Ø 8 mm



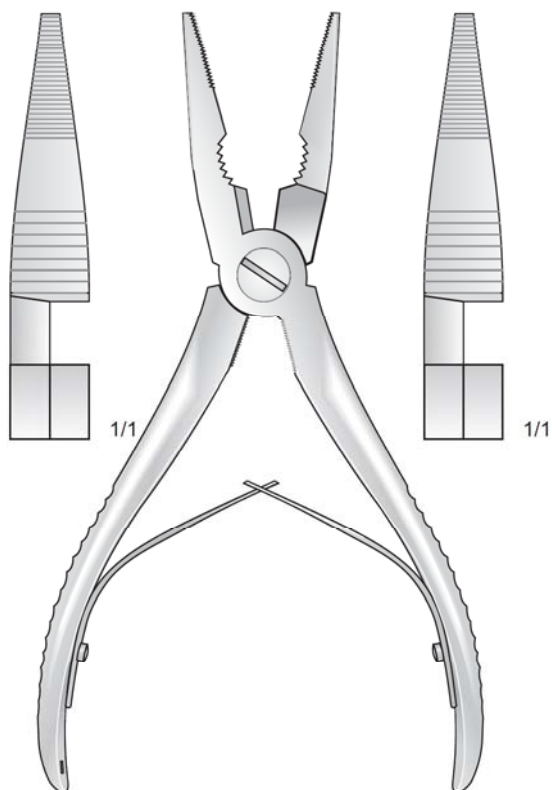
Extraktionszangen
für bohrdrähte

Extraction pliers
for boring wires

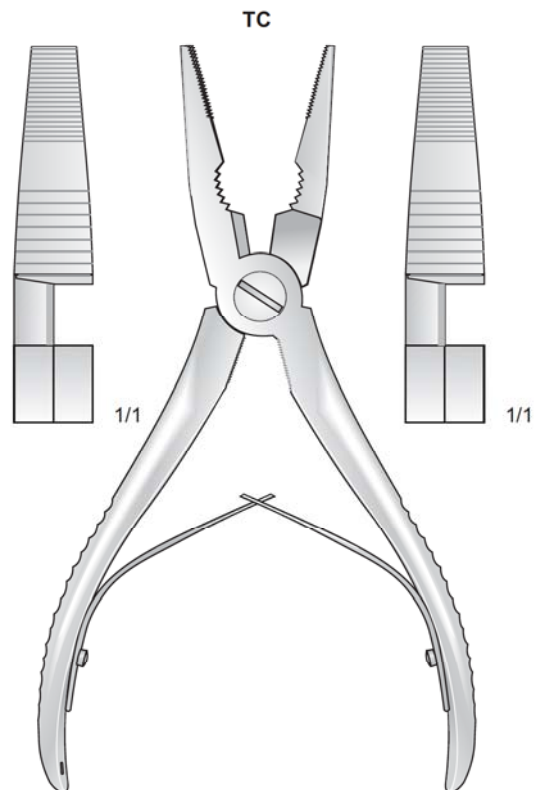
Pinze per estrazione
fili metallici

Pinzas para extracción
de hilo metálico

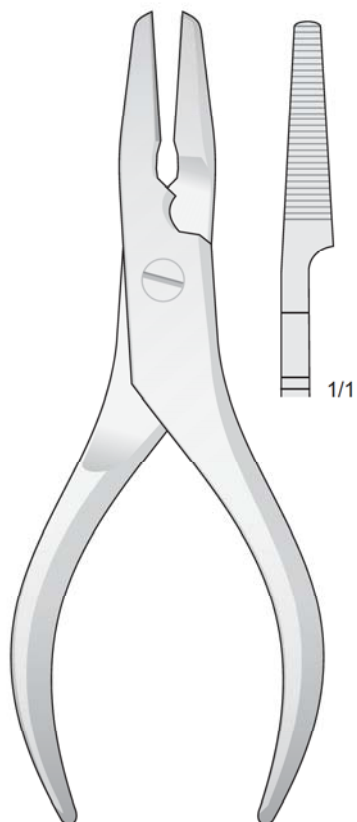
Pinces pour
l'extraction des broches



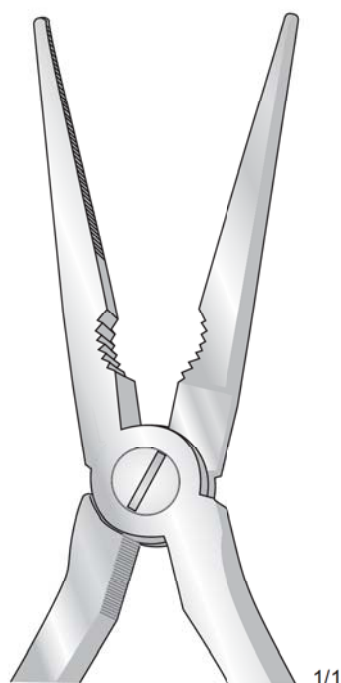
LX-135
175 mm



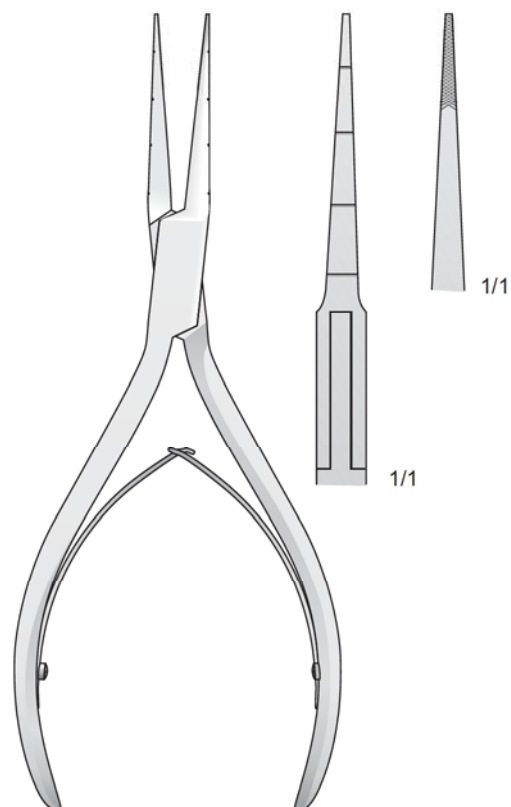
LX-136
165 mm



LX-134
160 mm



LX-137
200 mm



DP-96
150 mm



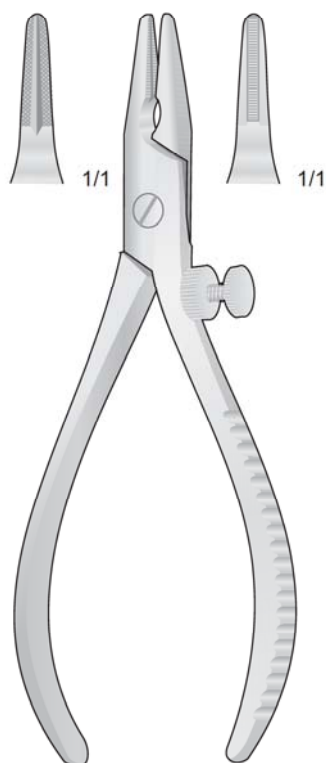
Extraktionszangen
für bohrdrähte

Extraction pliers
for boring wires

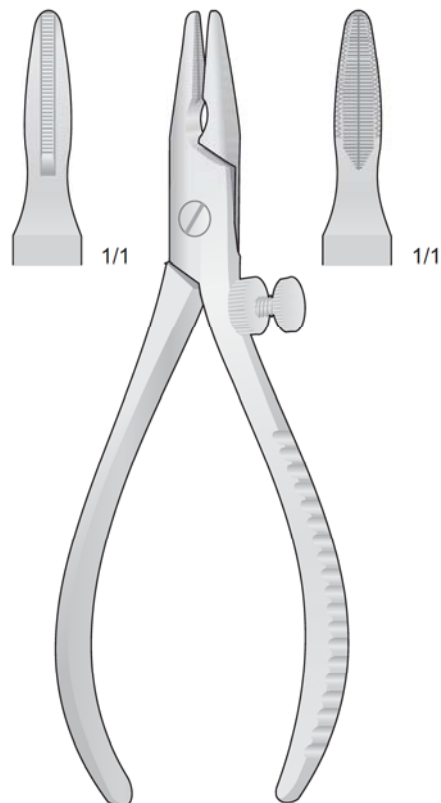
Pinze per estrazione
fili metallici

Pinzas para extracción
de hilo metálico

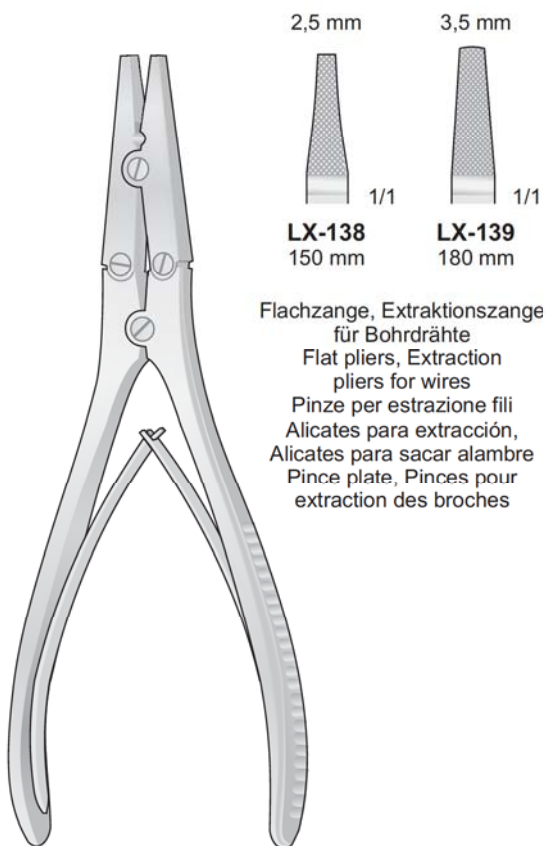
Pinces pour
l'extraction des broches



LX-130
140 mm



LX-131
180 mm

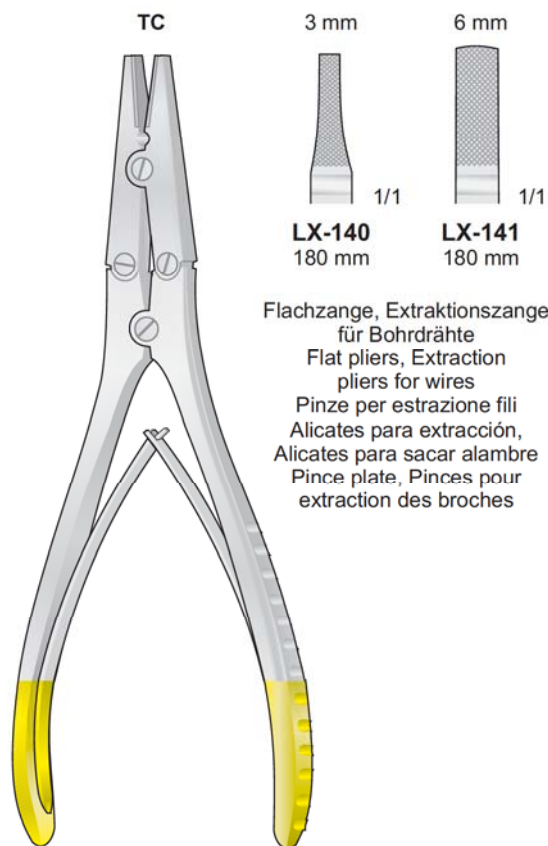


LX-138
150 mm

LX-139
180 mm

Flachzange, Extraktionszange
für Bohrdrähte
Flat pliers, Extraction
pliers for wires
Pinze per estrazione fili
Alicates para extracción,
Alicates para sacar alambre
Pince plate, Pinces pour
extraction des broches

LX-138/LX-139



LX-140
180 mm

LX-141
180 mm

Flachzange, Extraktionszange
für Bohrdrähte
Flat pliers, Extraction
pliers for wires
Pinze per estrazione fili
Alicates para extracción,
Alicates para sacar alambre
Pince plate, Pinces pour
extraction des broches

LX-140/LX-141



Extraktionszangen
für bohrdrähte

Extraction pliers
for boring wires

Pinze per estrazione
fili metallici

Pinzas para extracción
de hilo metálico

Pinces pour
l'extraction des broches



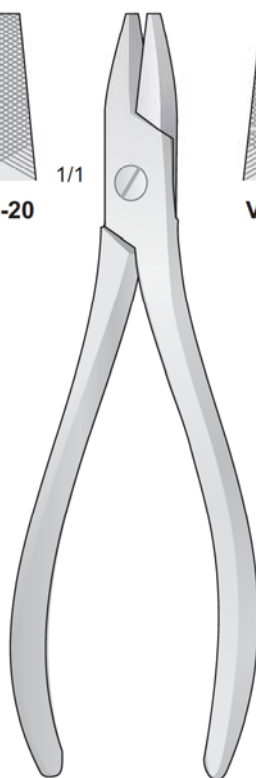
1/1

VH-20



1/1

VH-21



VH-20/VH-21
175 mm

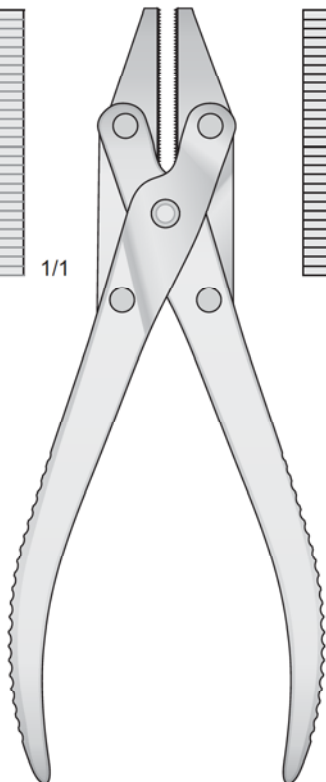
Parallel-Flachzange - Flat-nosed pliers, parallel
Pinza a branche parallele - Alicates planos - Pincas plates



1/1

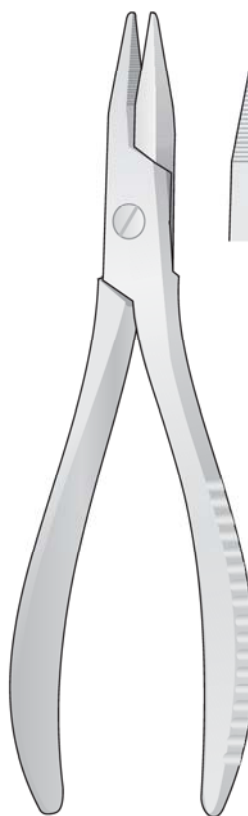


1/1



VH-25
185 mm

Inox
Stainless Steel
Rostfrei



VH-23
190 mm

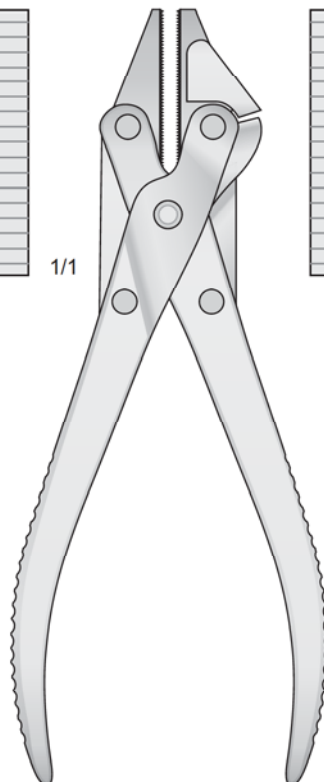
Parallel-Flachzange mit Seitenschneider
Flat-nose pliers parallel with lateral wire cutter
Pinza a branche parallele con tronchese



1/1



1/1



LX-80
185 mm

Inox
Stainless Steel
Rostfrei



Extraktionszangen
für bohrdrähte

Extraction pliers
for boring wires

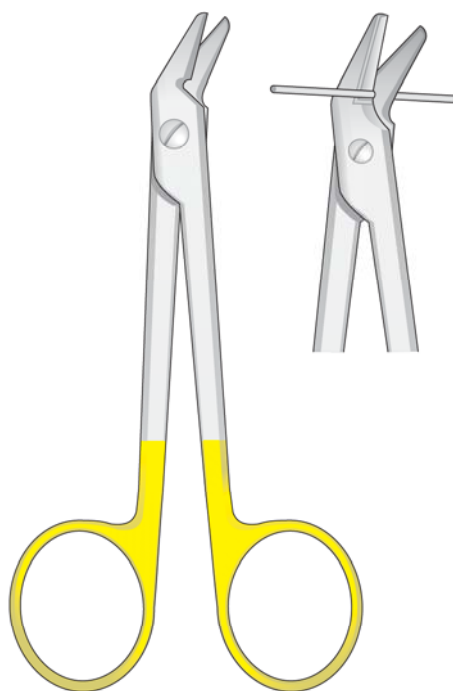
Pinze per estrazione
fili metallici

Pinzas para extracción
de hilo metálico

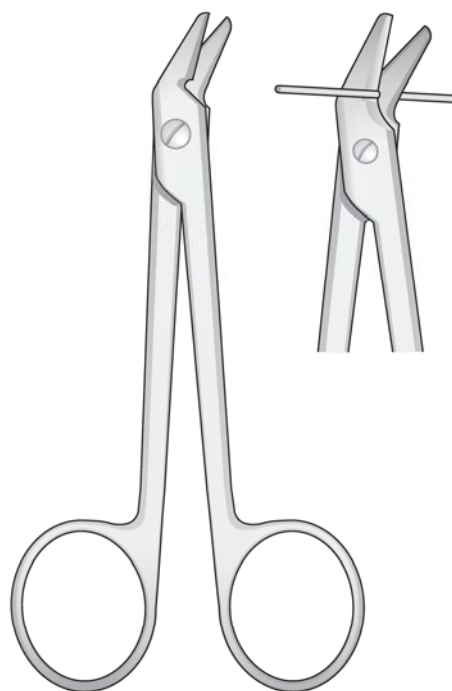
Pinces pour
l'extraction des broches

Draht- und bleischere gezahnt - Wire cutting scissor serrated
Forbice universale dentellata - Tijeras para cortar hilo de acero dentadas

TC

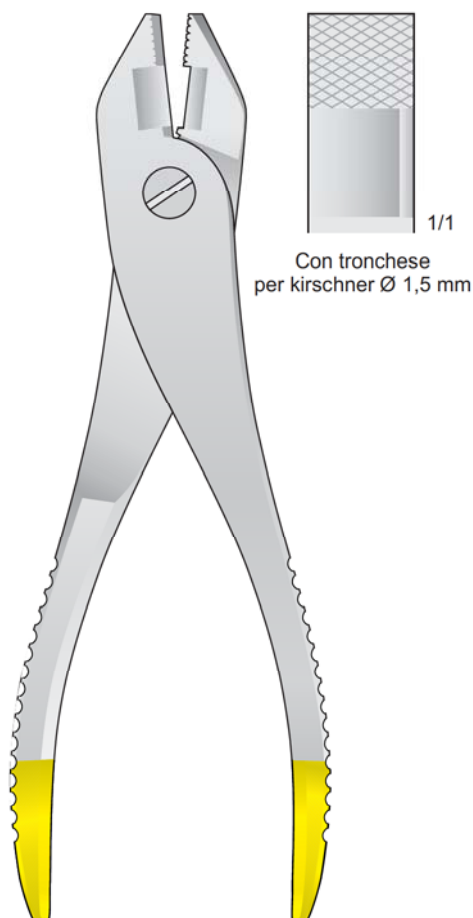


DP-120
120 mm

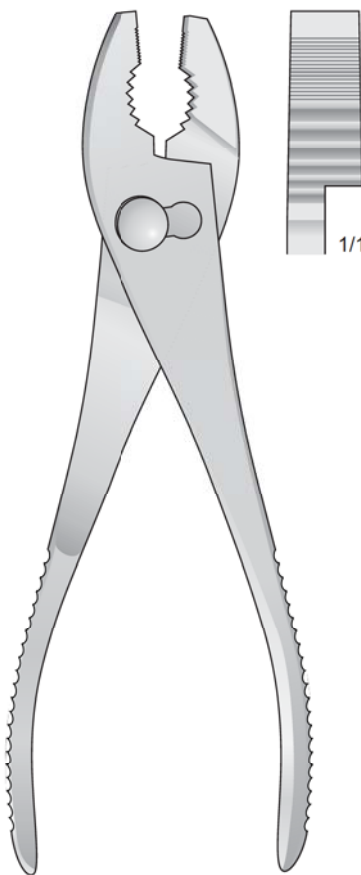


DP-90
120 mm

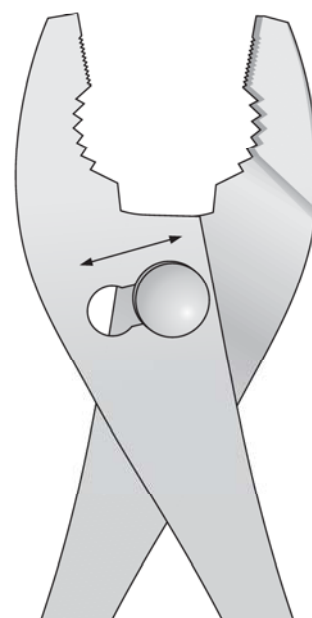
TC



LX-125
220 mm



VH-40
200 mm





Komplett aus rostfreiem Stahl gefertigte und gehärtete Backen sorgen für einen guten Halt. Spannen und lösen erfolgt mit einer Hand



LS-407
180 mm



LS-408
200 mm



LS-409
240 mm



Nadelhalter

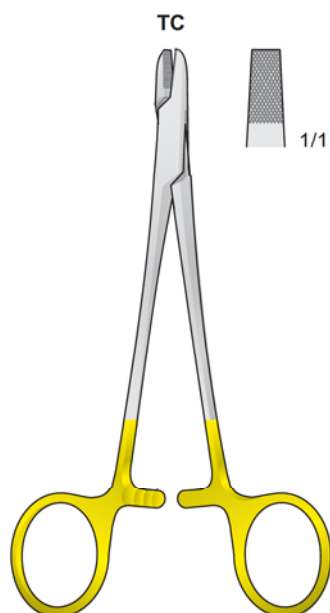
Needle holders

Port'aghi per fili metallici

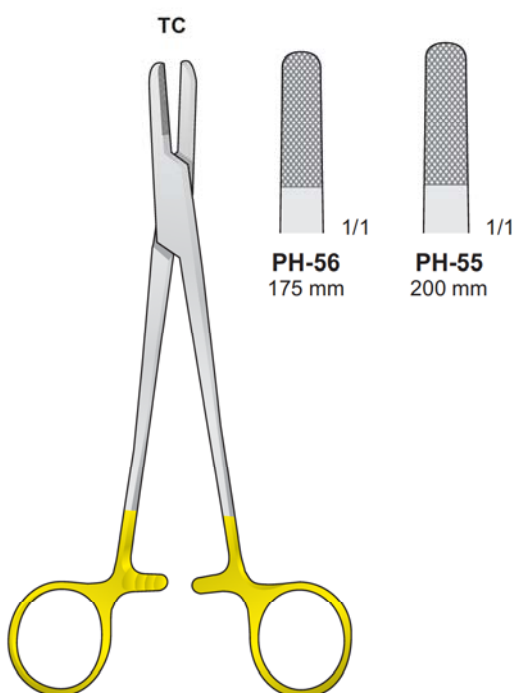
Portaagujas para hilos

Porte aiguilles pour fil métallique

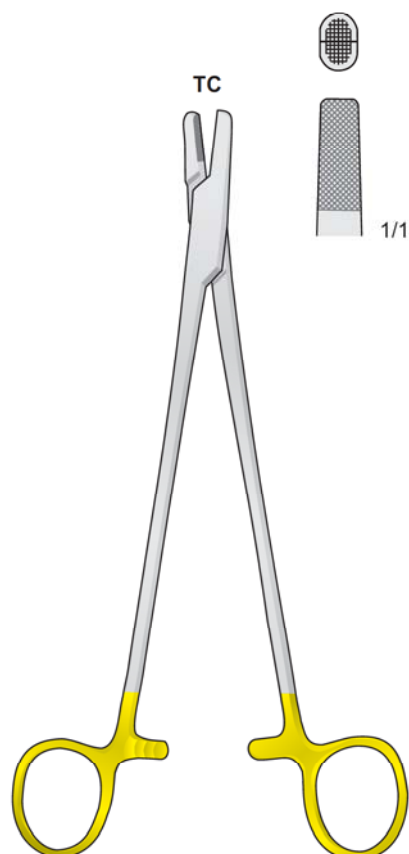
Nadelhalter, Stahldrahtzangen - Needle holders, steel wire forceps
Port'aghi, pinze per fili d'acciaio - Porta agujas, pinzas para hilos de acero
Porte aiguilles, pincès à saisir fils d'acier



PH-58
150 mm



PH-55/PH-56



BAUMGARTNER
PH-57
200 mm



Drahtschneidezangen

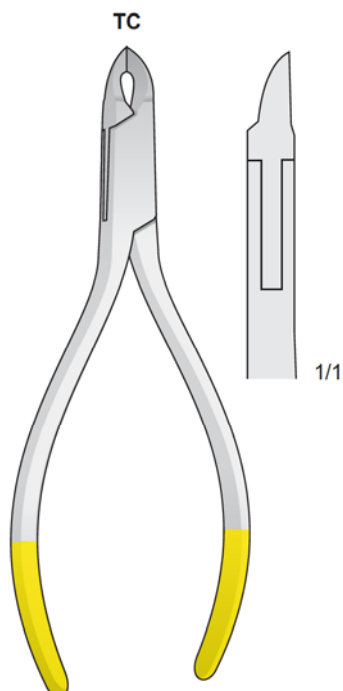
Wire cutting pliers

Tronchesi per fili metallici

Alicates para cortar alambre

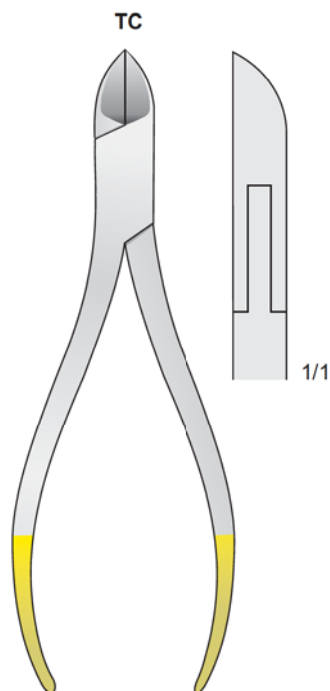
Pinces à couper le fil

Für harten Draht bis $\varnothing 0,4$ mm - For hard wire with $\varnothing 0,4$ mm
Per fili duri di $\varnothing 0,4$ mm - Para alambres duros de $\varnothing 0,4$ mm
Pour fils durs avec $\varnothing 0,4$ mm

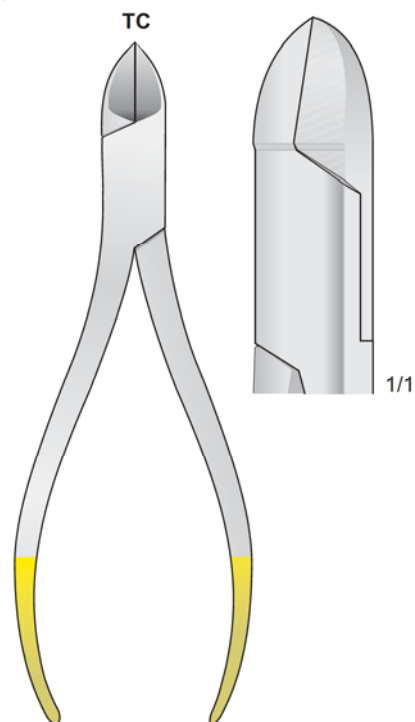


ANGLE
LX-95TC
130 mm

Für harten Draht bis $\varnothing 1$ mm - For hard wire with $\varnothing 1$ mm
Per filo duro $\varnothing 1$ mm - Para alambres duro $\varnothing 1$ mm
Pour fil dur avec $\varnothing 1$ mm

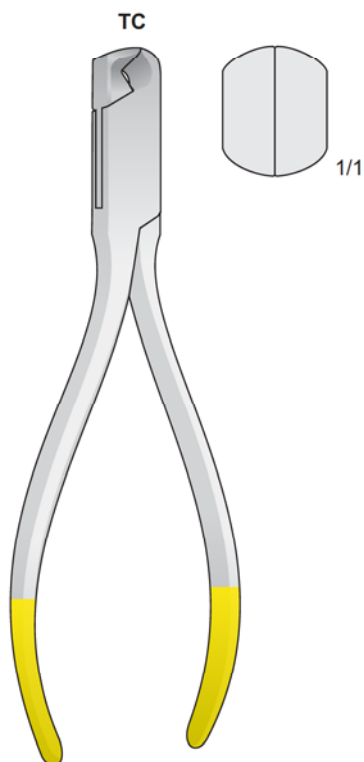


LX-99
130 mm



LX-96TC
150 mm

Für harten Draht bis $\varnothing 1$ mm - For hard wire with $\varnothing 1$ mm
Per filo duro $\varnothing 1$ mm - Para alambres duro $\varnothing 1$ mm
Pour fil dur avec $\varnothing 1$ mm



LX-92TC
145 mm

Für harten Draht bis $\varnothing 1,7$ mm
For hard wire with $\varnothing 1,7$ mm
Per filo duro $\varnothing 1,7$ mm
Para alambres duro $\varnothing 1,7$ mm
Pour fil dur avec $\varnothing 1,7$ mm



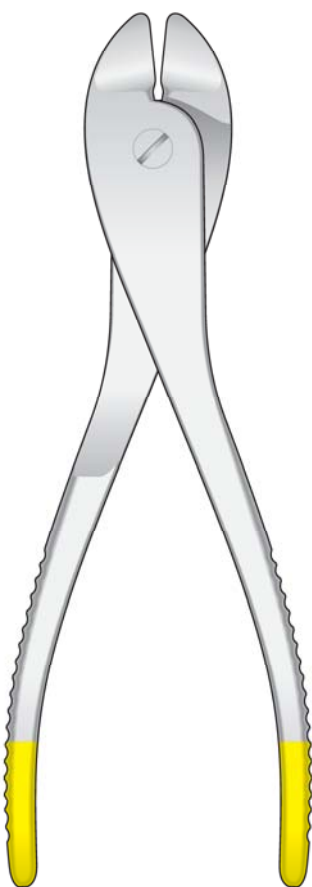
LX-82
185 mm



Für weichen draht Ø 2 mm
Für harten draht Ø 1,5 mm
For soft wire Ø 2 mm
For hard wire Ø 1,5 mm
Per filo leggero Ø 2 mm
Per filo duro Ø 1,5 mm
Para alambres ligero Ø 2 mm
Para alambres duro 1,5 mm
Pour fil léger Ø 2 mm
Pour fil dur Ø 1,5 mm

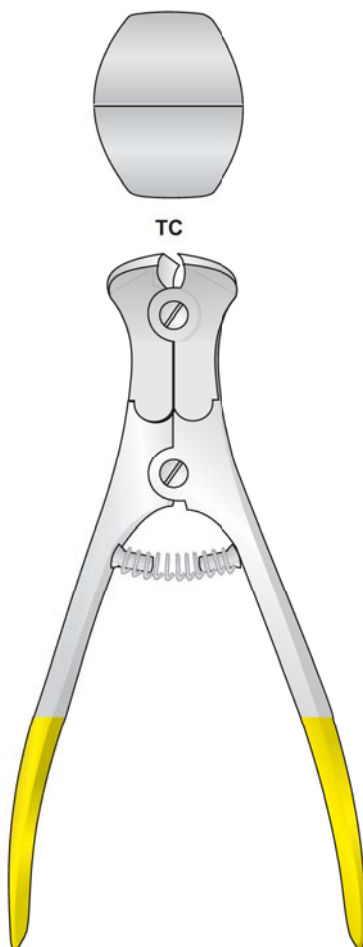
Für weichen draht Ø 2 mm
Für harten draht Ø 1,6 mm
For soft wire Ø 2 mm
For hard wire Ø 1,6 mm
Per filo leggero Ø 2 mm
Per filo duro Ø 1,6 mm
Para alambres ligero Ø 2 mm
Para alambres duro Ø 1,6 mm
Pour fil léger Ø 2 mm
Pour fil dur Ø 1,6 mm

TC



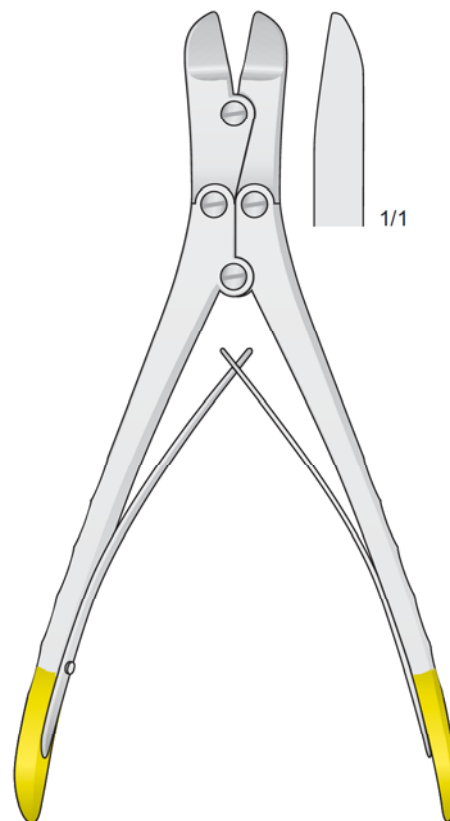
LX-101
185 mm

TC



LX-102
145 mm

TC



LX-103
170 mm



Drahtschneidezangen

Wire cutting pliers

Tronchesi per fili metallici

Alicates para cortar alambre

Pinces à couper le fil

Für weichen draht Ø 3,5 mm
Für harten draht Ø 2,5 mm
For soft wire Ø 3,5 mm
For hard wire Ø 2,5 mm
Per filo leggero Ø 3,5 mm
Per filo duro Ø 2,5 mm
Para alambres ligero Ø 3,5 mm
Para alambres duro Ø 2,5 mm
Pour fil léger Ø 3,5 mm
Pour fil dur Ø 2,5 mm

Für weichen draht Ø 3 mm
Für harten draht Ø 2,2 mm
For soft wire Ø 3 mm
For hard wire Ø 2,2 mm
Per filo leggero Ø 3 mm
Per filo duro Ø 2,2 mm
Para alambres ligero Ø 3 mm
Para alambres duro Ø 2,2 mm
Pour fil léger Ø 3 mm
Pour fil dur Ø 2,2 mm

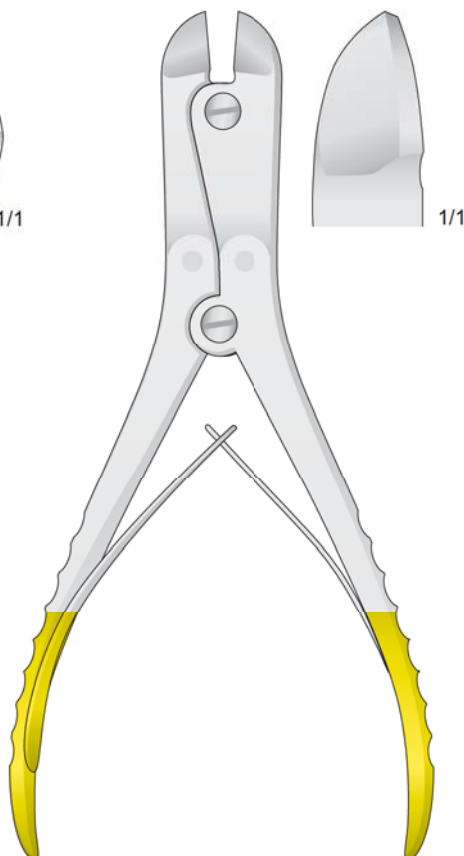
Für weichen draht Ø 2,5 mm
Für harten draht Ø 2 mm
For soft wire Ø 2,5 mm
For hard wire Ø 2 mm
Per filo leggero Ø 2,5 mm
Per filo duro Ø 2 mm
Para alambres ligero Ø 2,5 mm
Para alambres duro Ø 2 mm
Pour fil léger Ø 2,5 mm
Pour fil dur Ø 2 mm

TC



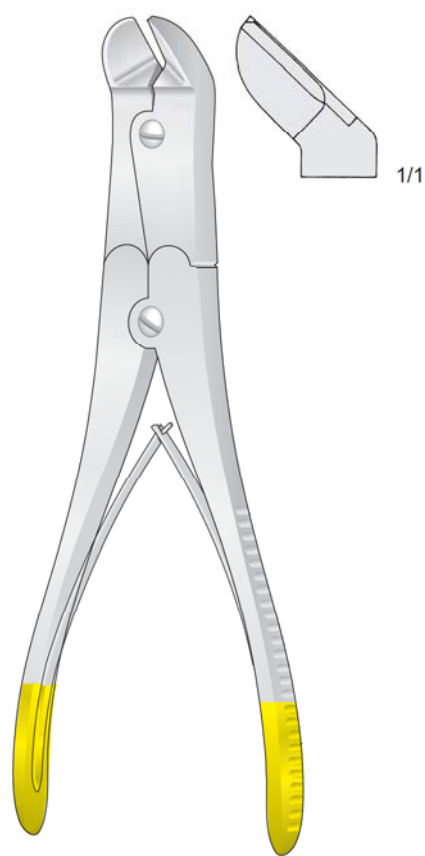
LX-104
215 mm

TC



LX-106
230 mm

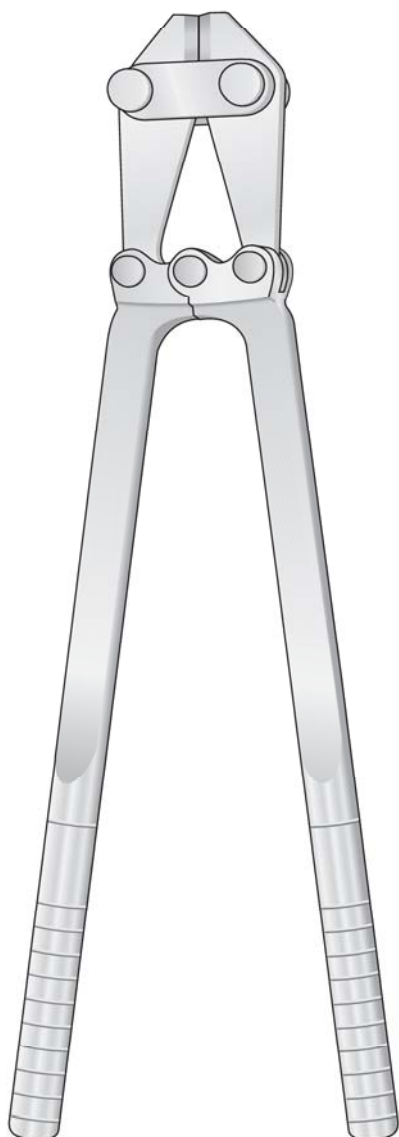
TC



LX-105
230 mm

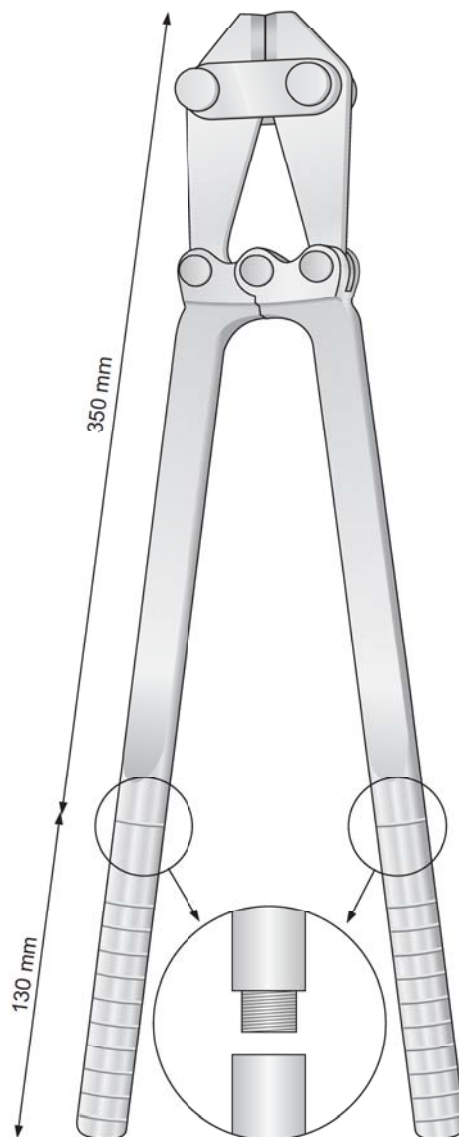


Für weichen Draht Ø 7 mm
Für harten Draht Ø 6 mm
For soft wire Ø 7 mm
For hard wire Ø 6 mm
Per filo leggero Ø 7 mm
Per filo duro Ø 6 mm
Para alambres ligero Ø 7 mm
Para alambres duro Ø 6 mm
Pour fil léger Ø 7 mm
Pour fil dur Ø 6 mm



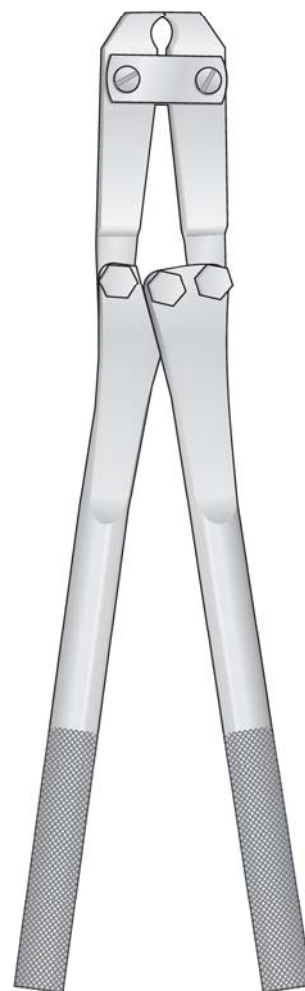
VF-98
480 mm

Für weichen Draht Ø 7 mm
Für harten Draht Ø 6 mm
For soft wire Ø 7 mm
For hard wire Ø 6 mm
Per filo leggero Ø 7 mm
Per filo duro Ø 6 mm
Para alambres ligero Ø 7 mm
Para alambres duro Ø 6 mm
Pour fil léger Ø 7 mm
Pour fil dur Ø 6 mm



VF-98M
480 mm

Für weichen Draht Ø 5 mm
Für harten Draht Ø 4,5 mm
For soft wire Ø 5 mm
For hard wire Ø 4,5 mm
Per filo leggero Ø 5 mm
Per filo duro Ø 4,5 mm
Para alambres ligero Ø 5 mm
Para alambres duro Ø 4,5 mm
Pour fil léger Ø 5 mm
Pour fil dur Ø 4,5 mm



LX-107
375 mm



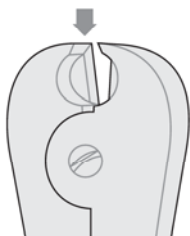
Drahtschneidezangen

Wire cutting pliers

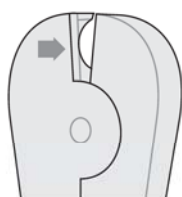
Tronchesi per fili metallici

Alicates para cortar alambre

Pinces à couper le fil



Für weiche Drähte bis Ø 2 mm
Per fili morbidi fino a Ø 2 mm
Pour fils mous jusqu'à Ø 2 mm



Für harte Drähte bis Ø 1,5 mm
Per fili duri fino a Ø 1,5 mm
Pour fils durs jusqu'à Ø 1,5 mm

TC



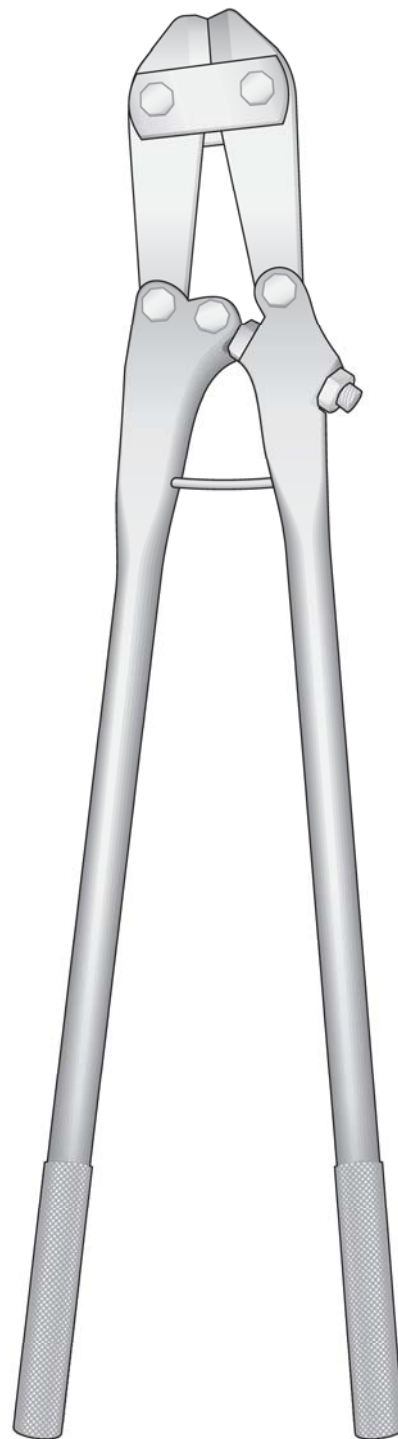
LX-126
180 mm

Von Kirschner-Drähten Ø 6 mm
For Kirschner wires Ø 6 mm
Per chiodi Kirschner Ø 6 mm



LX-150
450 mm

Von Kirschner-Drähten Ø 6 mm
For Kirschner wires Ø 6 mm
Per chiodi Kirschner Ø 6 mm



LX-151
560 mm



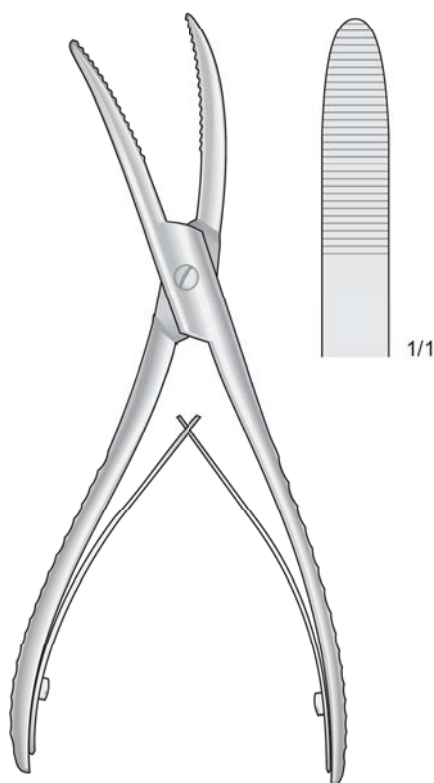
Gipsspreizer
Gipsabreisszangen

Plaster spreader
Plaster cast breakers

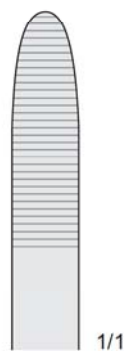
Strumenti
per gesso

Pinza para
arrancar vendajes

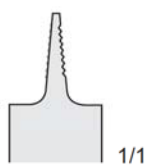
Pinces pour
appareils plâtrés



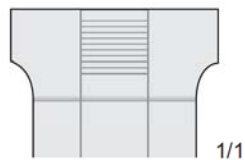
WOLFF
LX-113
180 mm



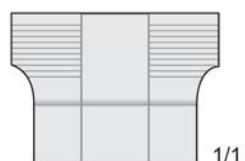
1/1



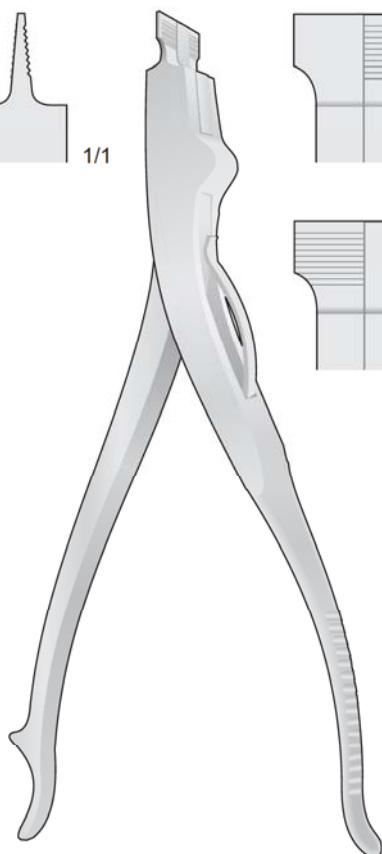
1/1



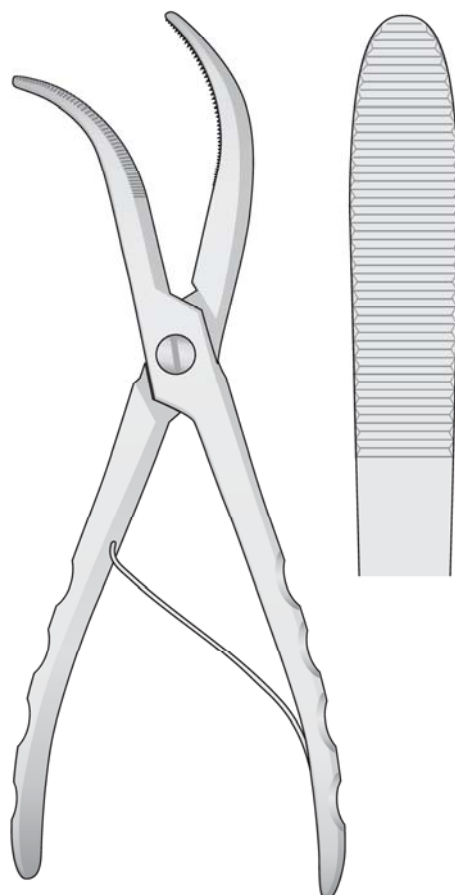
1/1



1/1



LX-115
220 mm



WOLFF
LX-114
250 mm



1/1



Gipsscheren

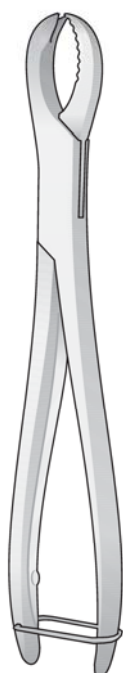
Plaster cast breakers

Strumenti per gesso

Pinza para arrancar vendajes

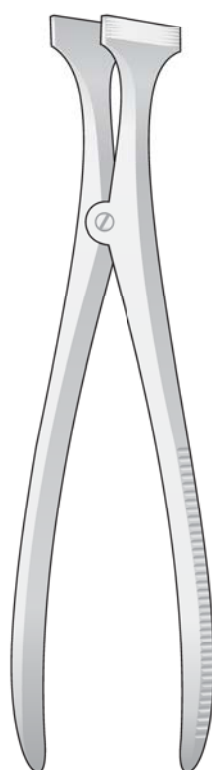
Appareils plâtrés

Gips - Schneidezangen
Cesoie per gesso

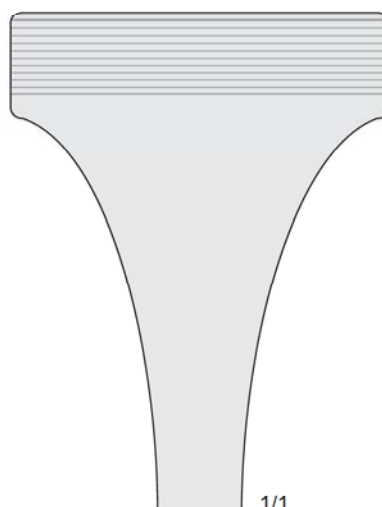


1/1

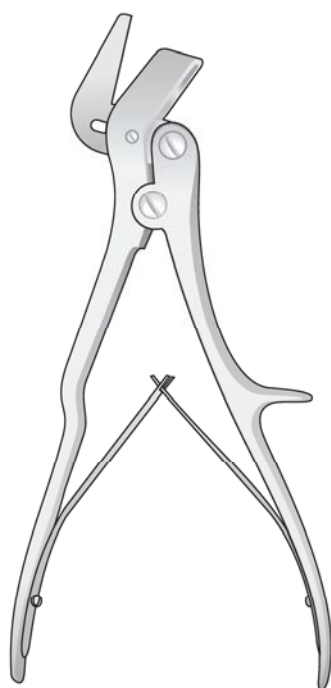
BK-30
210 mm



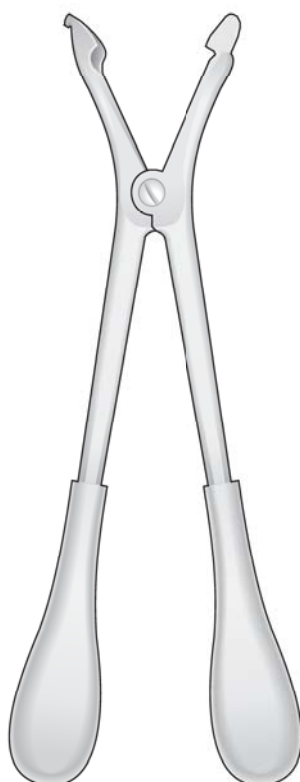
HENNIG
LX-123
270 mm



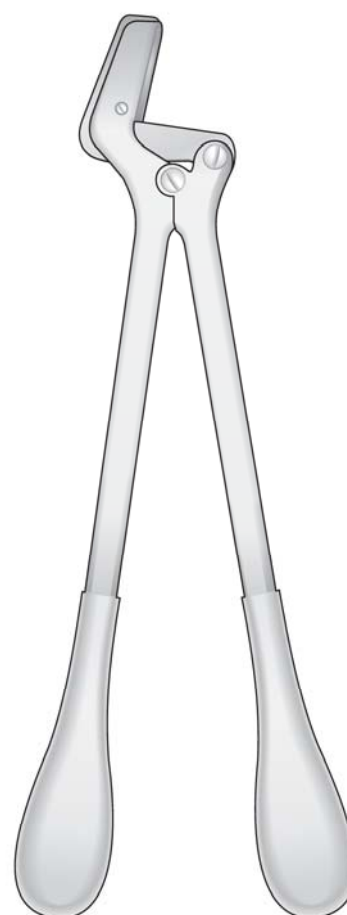
1/1



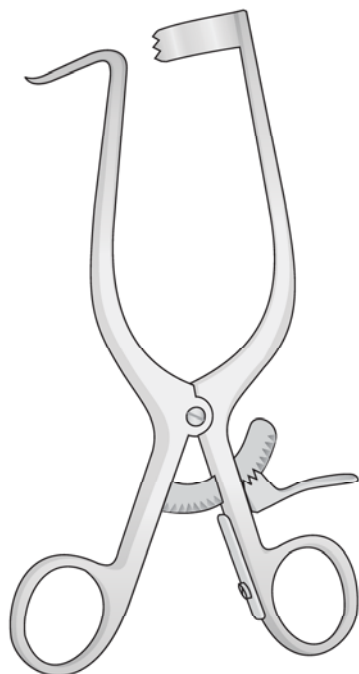
STILLE
LX-120
230 mm



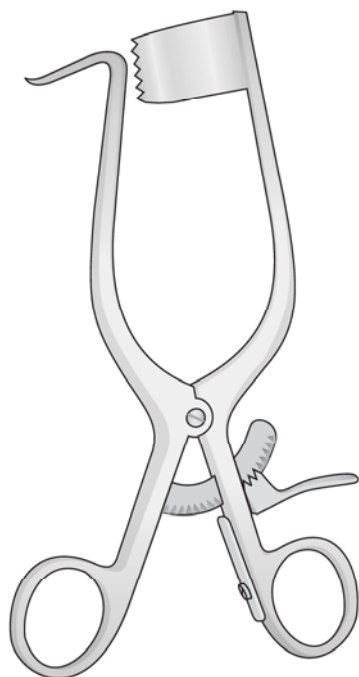
HAGLUND
LX-121
280 mm



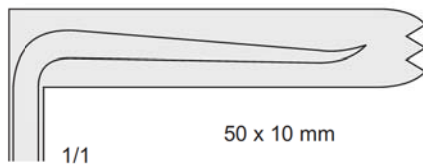
STILLE
LX-122
370 mm



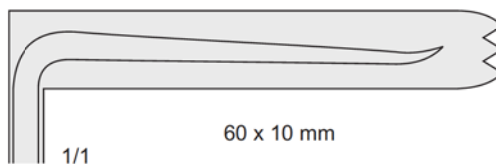
WILLIAMS
BV-401/BV-403
170 mm



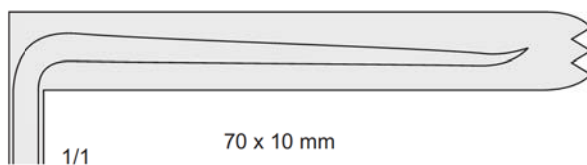
WILLIAMS
BV-404/BV-406
170 mm



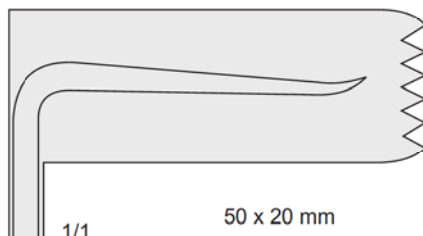
BV-401



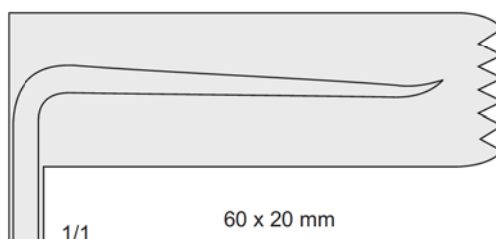
BV-402



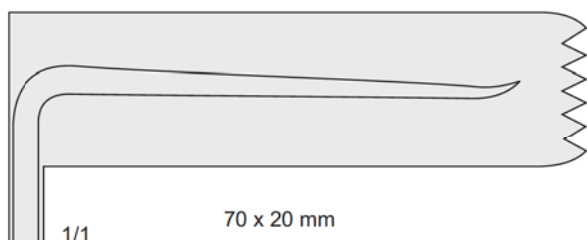
BV-403



BV-404



BV-405

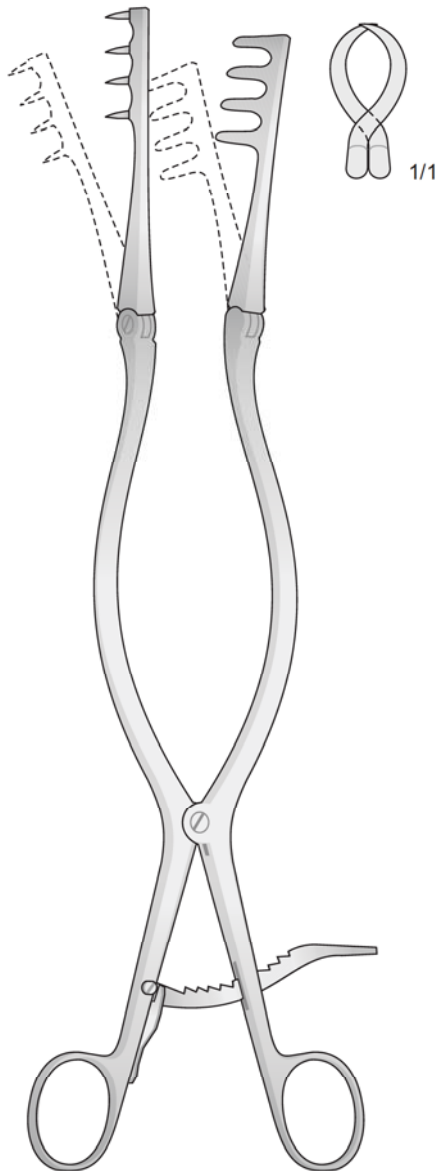


BV-406



Spitz - Sharp
Acuto - Agudas
Pointu

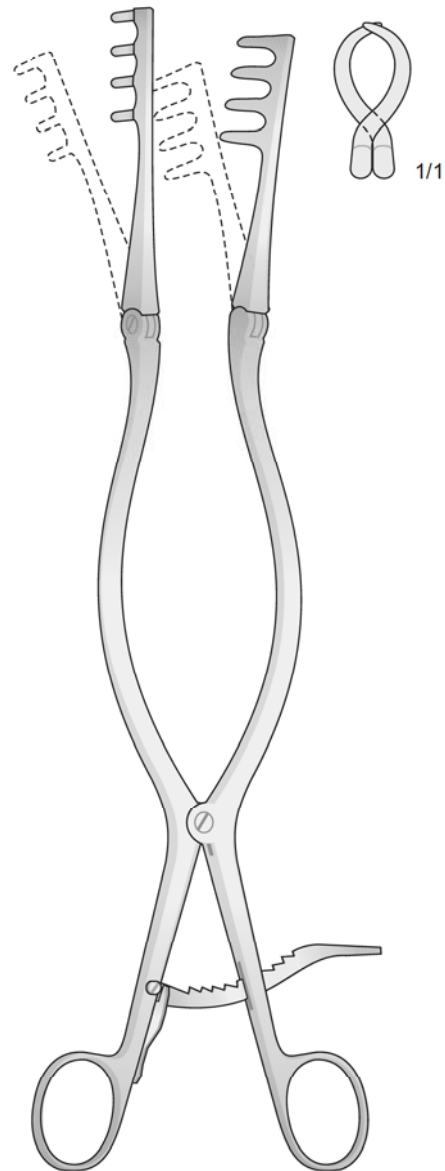
4 x 4 Zähne
4 x 4 Teeth
4 x 4 Denti
4 x 4 Dientes
4 x 4 Dents



BECKMANN
BV-121
310 mm

Halbscharf - Sharp
Semi acuto - Agudas
Semi pointu

4 x 4 Zähne
4 x 4 Teeth
4 x 4 Denti
4 x 4 Dientes
4 x 4 Dents

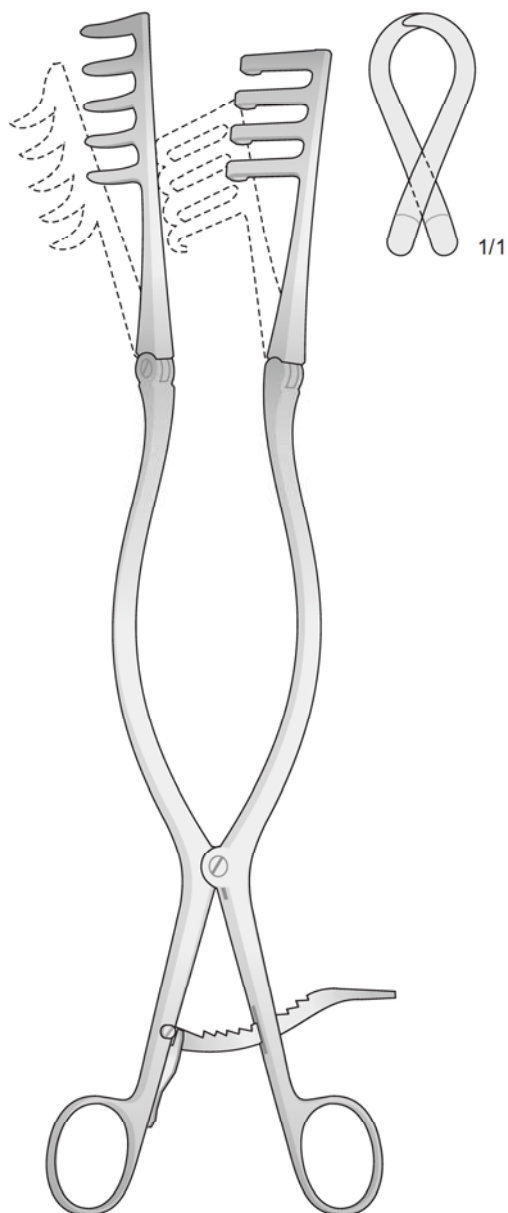


BECKMANN
BV-122
310 mm



Stumpf - Blunt - Smusso
Romas - Mousse

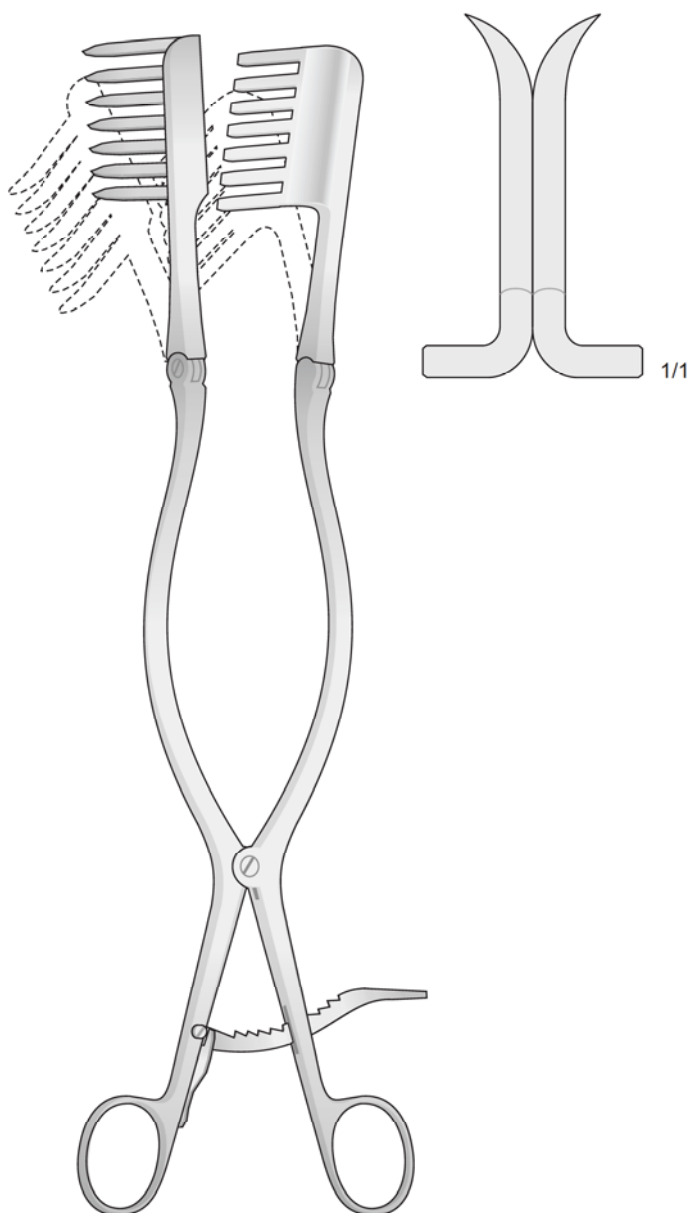
5 x 4 Zähne
5 x 4 Teeth
5 x 4 Denti
5 x 4 Dientes
5 x 4 Dents



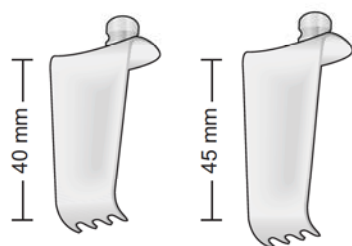
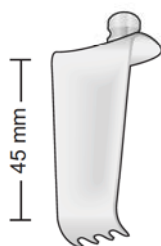
ADSON
BV-123
320 mm

Spitz - Sharp - Acuto
Agudas - Pointù

7 x 7 Zähne
7 x 7 Teeth
7 x 7 Denti
7 x 7 Dientes
7 x 7 Dents



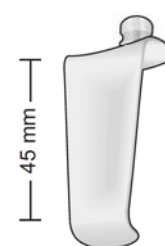
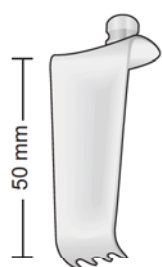
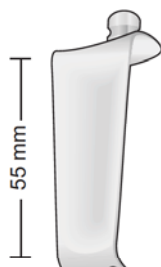
BECKMANN-EATON
BV-124
330 mm

**BV-321****BV-322**

CLOWARD Modif.

BV-319

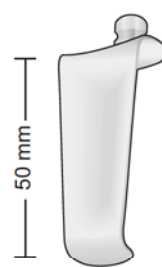
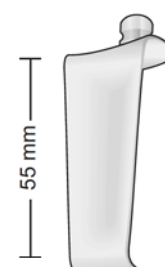
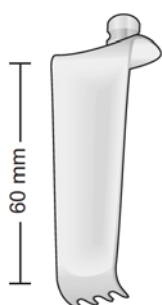
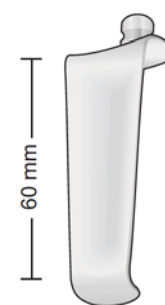
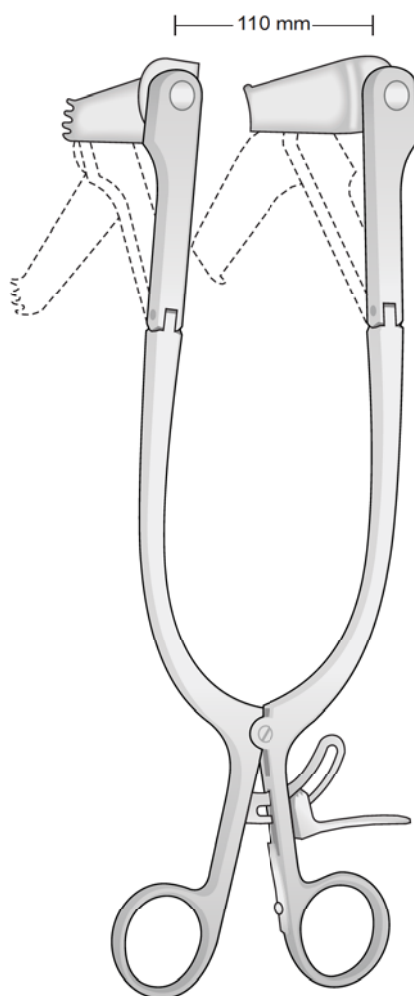
Sperrer, allein
Retractor, only
Divaricatore, solo
Separador, suelto
Ecarteur, seul

**BV-326****BV-327****BV-323****BV-324**

CLOWARD modif.

BV-320

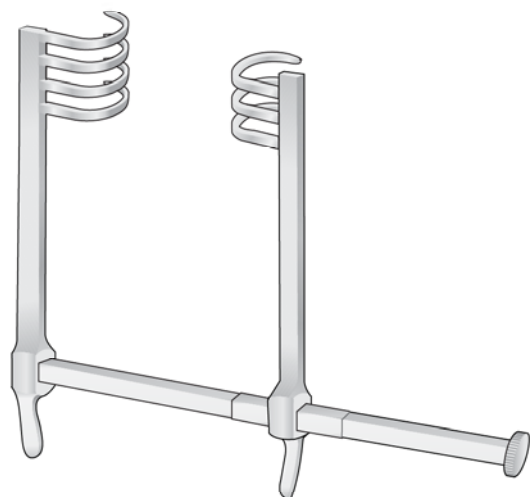
Komplett mit 5 Valven
Complete with 5 blades
Completo di 5 valve
Completo con 5 valvas
Complet avec 5 valves

**BV-328****BV-329****BV-325****BV-330**

CLOWARD modif.

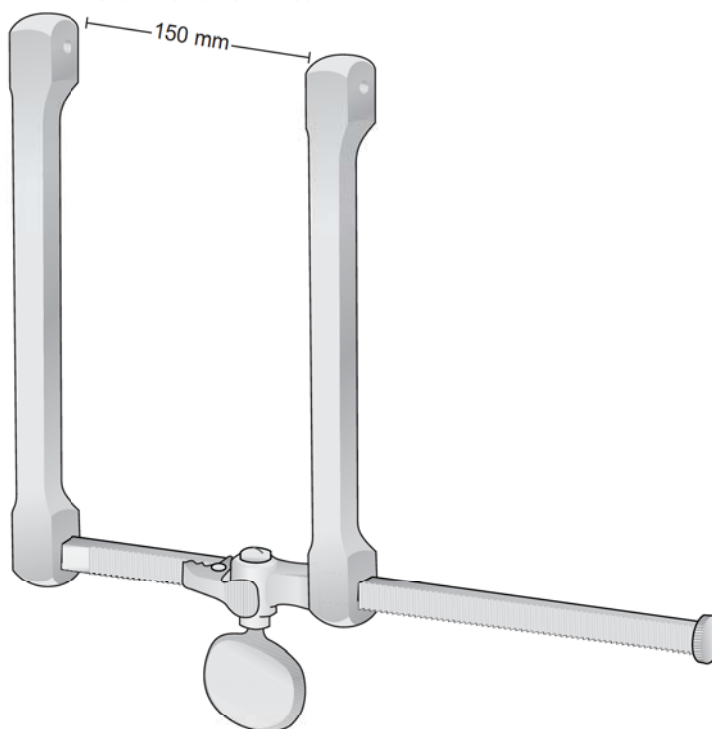
BV-320

250 mm



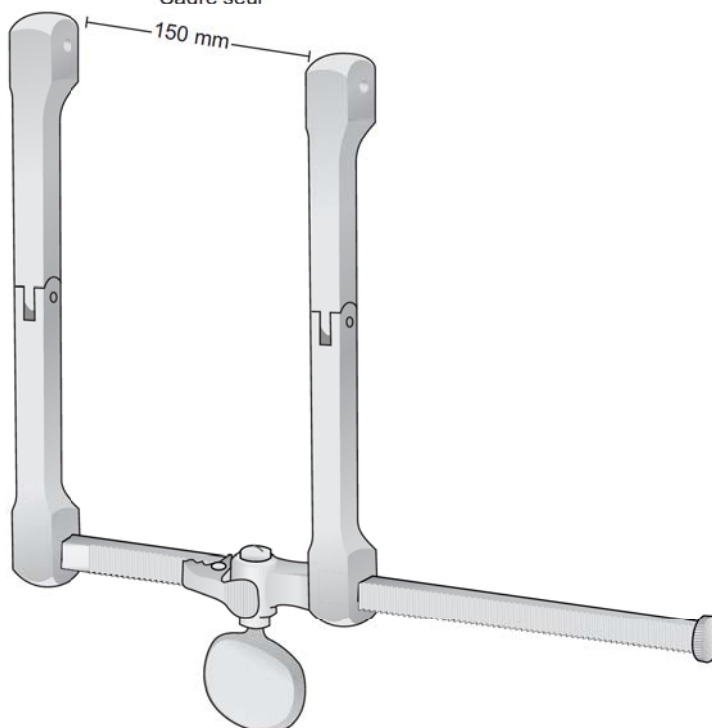
FRAZIER
BV-35

Instrumente allein, ohne Blätter
Frame only - Strumento solo, senza valve
Cuadro solo - Cadre seul



SCOVILLE
BV-161

Instrumente allein, ohne Blätter
Frame only
Strumento solo, senza valve
Cuadro solo
Cadre seul



SCOVILLE-HAVERFIELD
BV-160



Spitz
Scharp
Acuto
Agudo
Pointù



SCOVILLE
BV-163
50 mm

Spitz
Scharp
Acuto
Agudo
Pointù



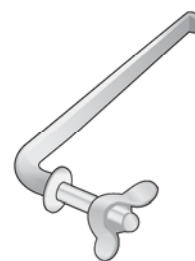
SCOVILLE
BV-164
70 mm

Stumpf
Blunt
Smusso
Romo
Mousse

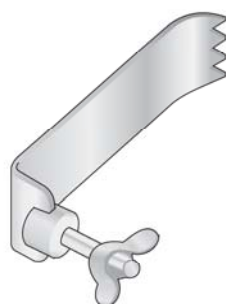


SCOVILLE
BV-165
50 mm

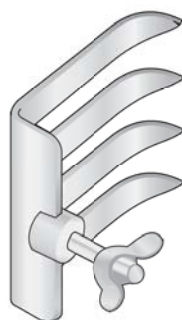
Stumpf
Blunt
Smusso
Romo
Mousse



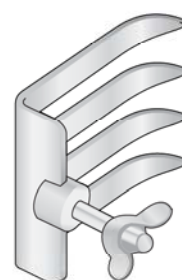
SCOVILLE
BV-166
70 mm



SCOVILLE
BV-167 50x25 mm
BV-168 50x50 mm
BV-169 57x38 mm
BV-170 64x25 mm
BV-171 64x50 mm
BV-172 67x30 mm
BV-173 75x25 mm
BV-174 75x50 mm
BV-175 88x25 mm
BV-176 100x50 mm



TAYLOR
BV-177 48x50 mm
BV-178 64x50 mm
BV-179 64x64 mm
BV-180 80x57 mm



SCOVILLE
BV-181 41x38 mm
BV-182 67x44 mm



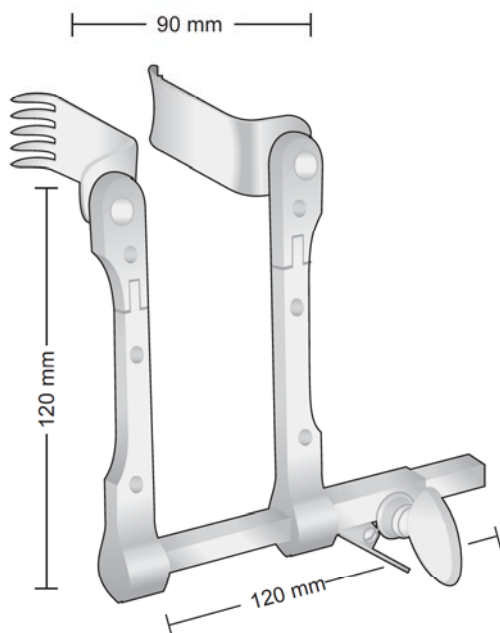
Wundspreizer für die
Lumbale Wirbelsäule

Retractors for lumbar
vertebral column

Divaricatori per
la colonna vertebrale

Separadores para
columna espinal

Ecarteurs pour
la colonne cervicale

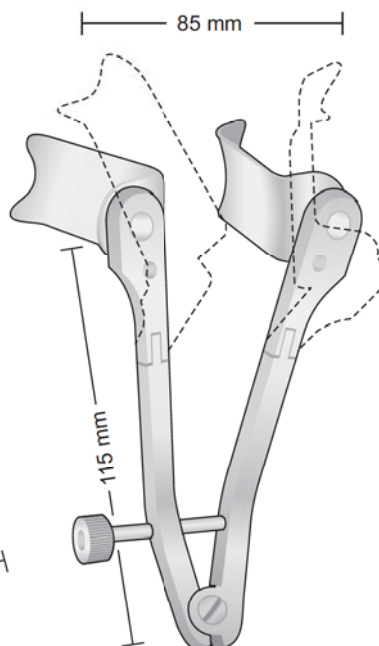


**CASPAR
BV-250**

Komplett mit 5 + 5 Blätter
Complete with 5 + 5 blade
Completo con 5 + 5 valve
Completo con 5 + 5 valvas
Complet avec 5 + 5 valves

BV-249

Sperrer allein
Retractor only
Divaricatore solo
Separador suelto
Ecarteur seul

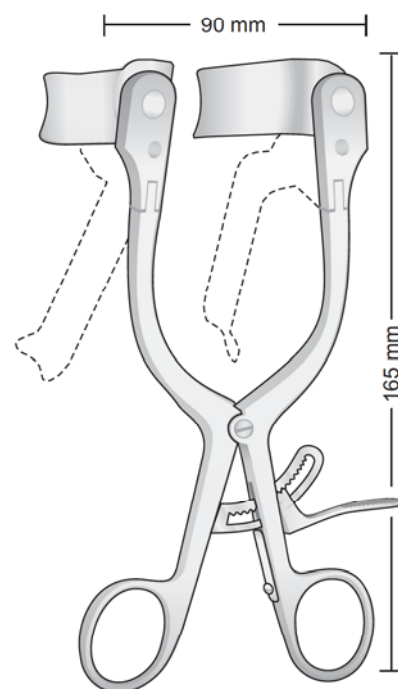


**CASPAR
BV-270**

Komplett mit 5 Blätter
Complete with 5 blade
Completo con 5 valve
Completo con 5 valvas
Complet avec 5 valves

BV-269

Sperrer allein
Retractor only
Divaricatore solo
Separador suelto
Ecarteur seul



**CASPAR
BV-280**

Komplett mit 5 Blätter
Complete with 5 blade
Completo con 5 valve
Completo con 5 valvas
Complet avec 5 valves

BV-279

Sperrer allein
Retractor only
Divaricatore solo
Separador suelto
Ecarteur seul



BV-251

40 x 23 mm

BV-252

45 x 23 mm

BV-253

50 x 23 mm

BV-254

55 x 23 mm

BV-255

60 x 23 mm



BV-256

40 x 23 mm

BV-257

45 x 23 mm

BV-258

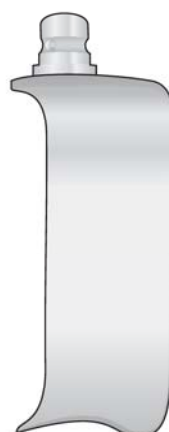
50 x 23 mm

BV-259

55 x 23 mm

BV-260

60 x 23 mm



BV-271

45 x 23 mm

BV-272

50 x 23 mm

BV-273

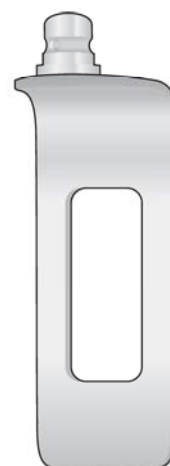
55 x 23 mm

BV-274

60 x 23 mm

BV-275

65 x 23 mm



BV-276

50 x 25 mm

BV-277

60 x 25 mm



Wundspreizer für die
Lumbale Wirbelsäule

Retractors for lumbar
vertebral column

Divaricatori per
la colonna vertebrale

Separadores para
columna espinal

Ecarteurs pour
la colonne cervicale

Titan-valven
Titanium blades
Valve in titanio
Valvas in titanio
Valves en titane



BV-281 T 25 x 24 mm
BV-282 T 30 x 24 mm
BV-283 T 35 x 24 mm
BV-284 T 40 x 24 mm
BV-285 T 45 x 24 mm
BV-286 T 25 x 24 mm
BV-287 T 30 x 24 mm
BV-288 T 35 x 24 mm
BV-289 T 40 x 24 mm
BV-290 T 45 x 24 mm



BV-291 T 25 x 24 mm
BV-292 T 30 x 24 mm
BV-293 T 35 x 24 mm
BV-294 T 40 x 24 mm
BV-295 T 45 x 24 mm
BV-296 T 50 x 24 mm
BV-297 T 55 x 24 mm
BV-298 T 60 x 24 mm
BV-299 T 65 x 24 mm
BV-300 T 70 x 24 mm



BV-301 T 30 x 24 mm
BV-302 T 35 x 24 mm
BV-303 T 40 x 24 mm
BV-304 T 45 x 24 mm
BV-305 T 50 x 24 mm
BV-306 T 55 x 24 mm
BV-307 T 60 x 24 mm
BV-308 T 65 x 24 mm
BV-309 T 70 x 24 mm
BV-310 T 75 x 24 mm

Pinzette zum wechseln der valven
mit kugelschnellverschluss
Blade ejector for changing the blades
with ball snap closure
Pinzetta per la sostituzione delle valve
con i bloccaggi rapidi a sfera
Pincers pour changer les valves munies
du système de verrouillage rapide à billes



BV-229
115 mm



Wundspreizer zur
Mikrodiskektomie

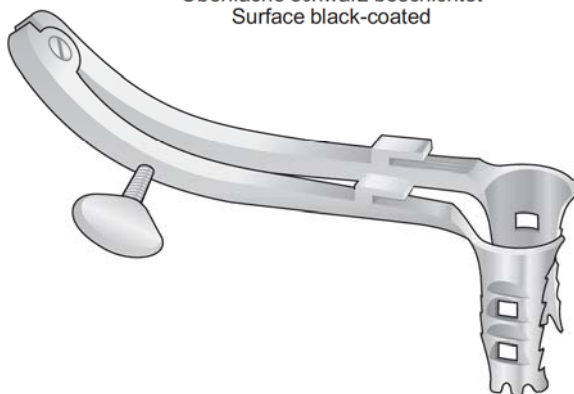
Retractors for
Micro-Lumbar Discectomy

Divaricatori per
microchirurgia lombare

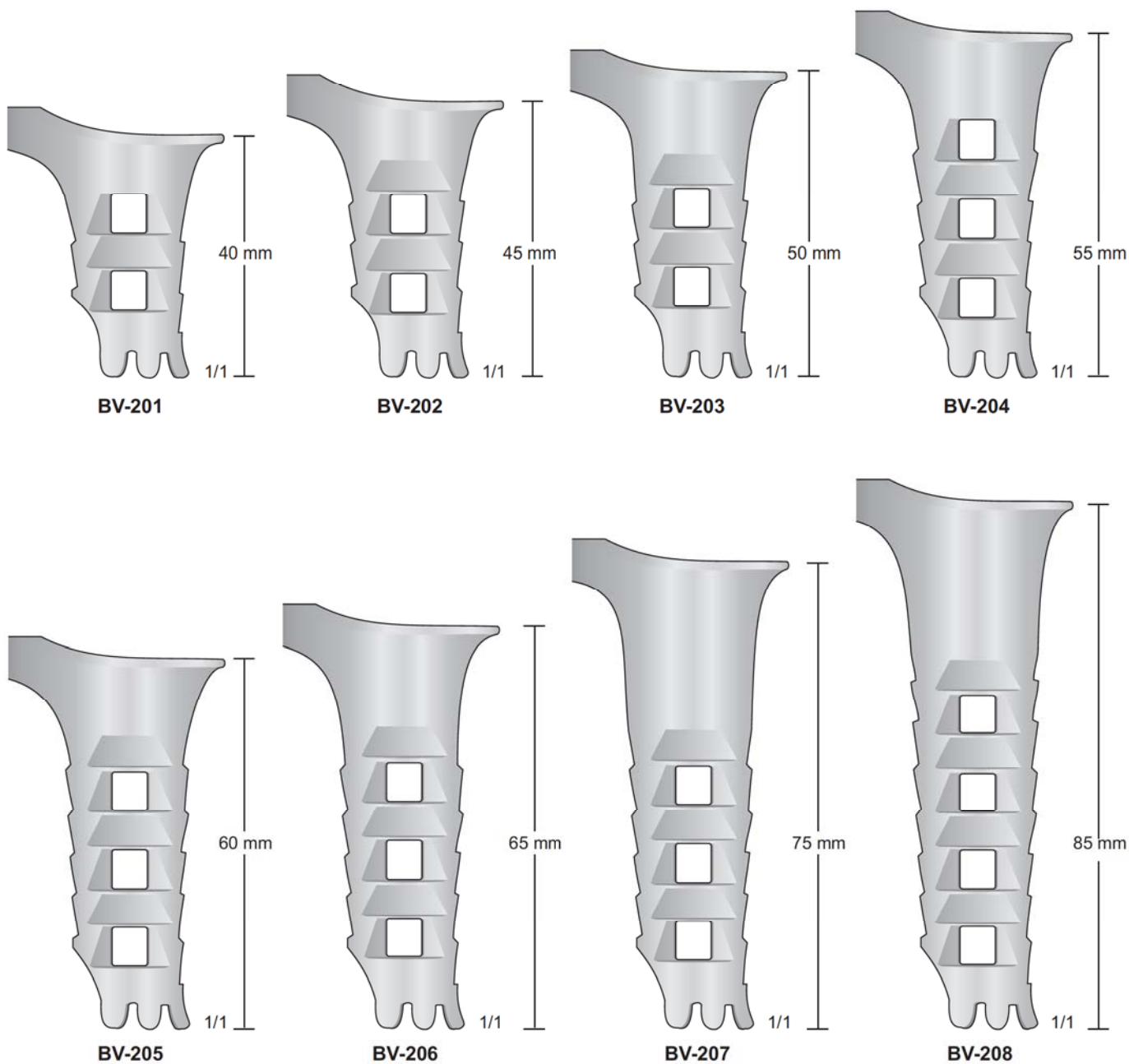
Separadors para
micro chirurgia

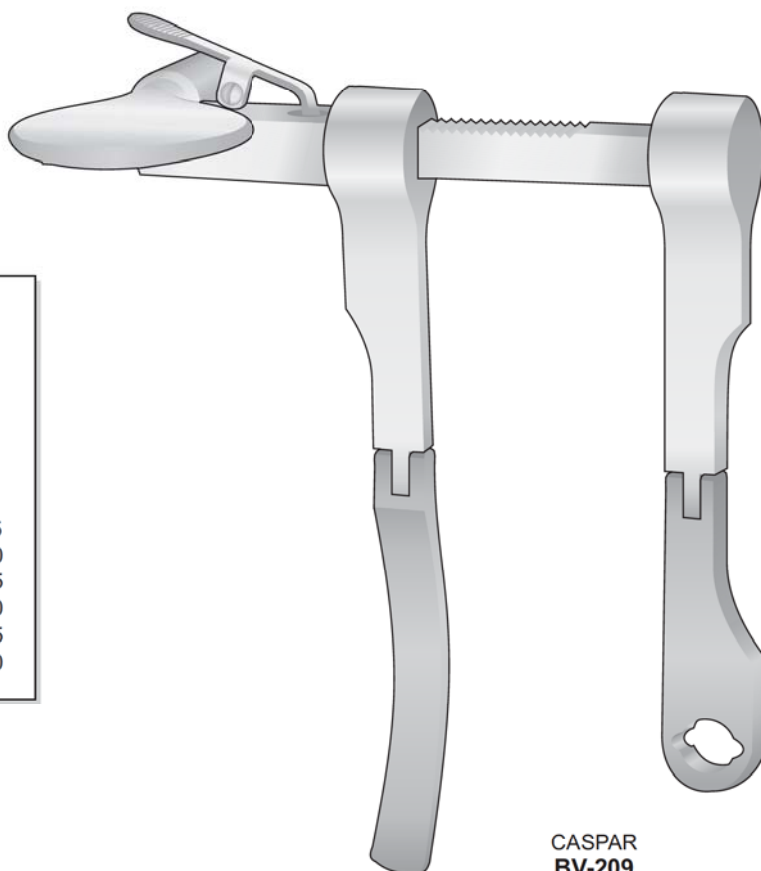
Ecarteurs pour
Micro chirurgie

Oberfläche schwarz beschichtet
Surface black-coated



CASPAR
BV-201/BV-208





**CASPAR
BV-210**

Sperrer komplett mit
Retractor complete with
Divaricatore completo di
Separador completo con
Ecarteur complet avec

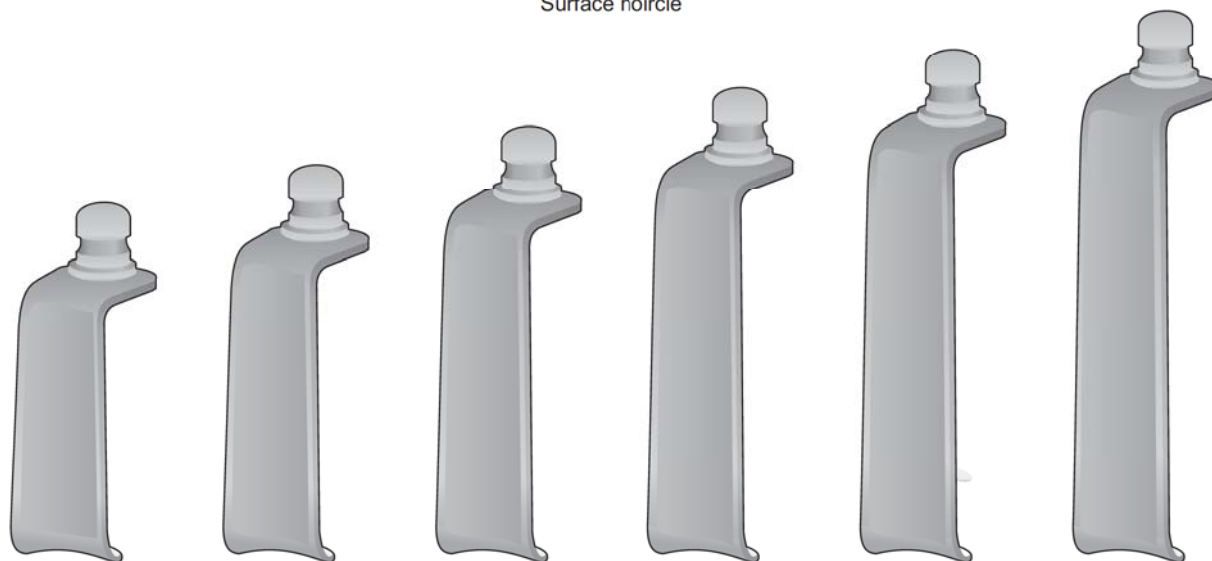
- BV-211** Valva anti-riflesso mm. 35
- BV-212** Valva anti-riflesso mm. 40
- BV-213** Valva anti-riflesso mm. 45
- BV-214** Valva anti-riflesso mm. 50
- BV-215** Valva anti-riflesso mm. 55
- BV-216** Valva anti-riflesso mm. 60

BV-209

Sperrer allein
Retractor only
Divaricatore solo
Separador suelto
Ecarteur seul

**CASPAR
BV-209**

Oberfläche schwarz Beschichtet
Surface Black-coated
Valve anti-riflesso
Surface noircie



BV-211
35 mm

BV-212
40 mm

BV-213
45 mm

BV-214
50 mm

BV-215
55 mm

BV-216
60 mm



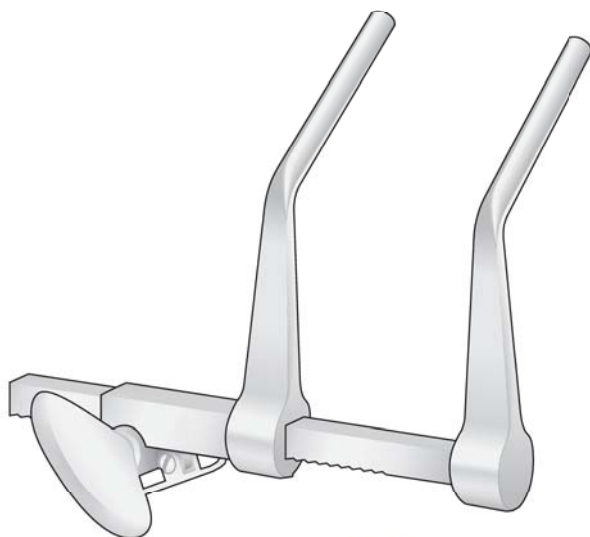
CASPAR

FF-190

Distraktor komplett rechts

Distractor complete right

Distrattore completo destro

FF-191 1 Distraktor allein - 1 Distractor only**FF-192** 1 Bohrbüchse - 1 Drilling Guide**FF-203** 1 Spezialbohrer - 1 Special Drill**FF-205** 2 Distraktionsschrauben - 2 Distraction Screws**FF-206** 1 Schraubendreher - 1 Screw Driver

CASPAR

FF-191

Distrattore destro, solo

**FF-192**

Guida punte destro, solo

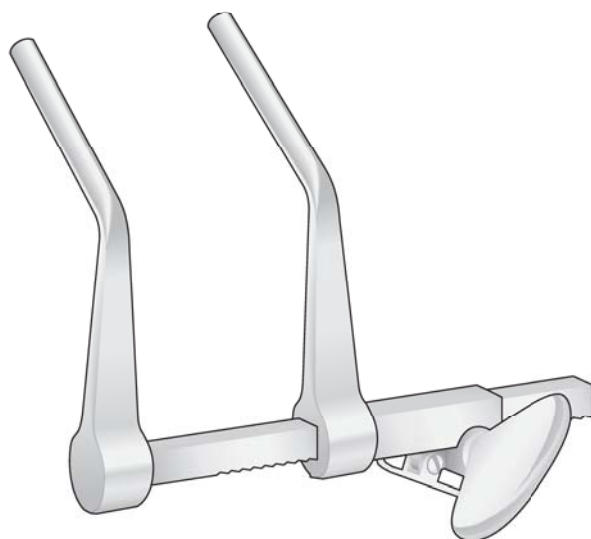
CASPAR

FF-200

Distraktor komplett links

Distractor complete left

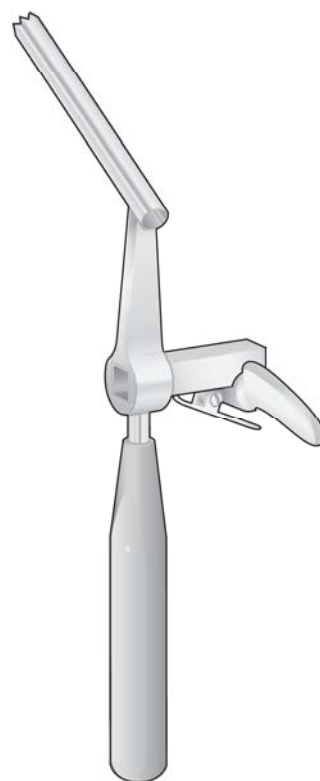
Distrattore completo sinistro

FF-201 1 Distraktor allein - 1 Distractor only**FF-202** 1 Bohrbüchse - 1 Drilling Guide**FF-203** 1 Spezialbohrer - 1 Special Drill**FF-205** 2 Distraktionsschrauben - 2 Distraction Screws**FF-206** 1 Schraubendreher - 1 Screw Driver

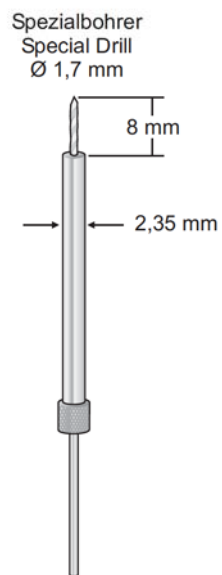
CASPAR

FF-201

Distrattore sinistro, solo

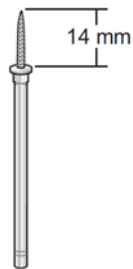
**FF-202**

Guida punte sinistro, solo

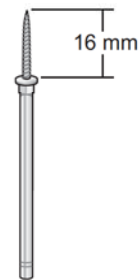


CASPAR
FF-203
145 mm

Distraktionsschrauben
Distraction Screw



CASPAR
FF-204
70 mm

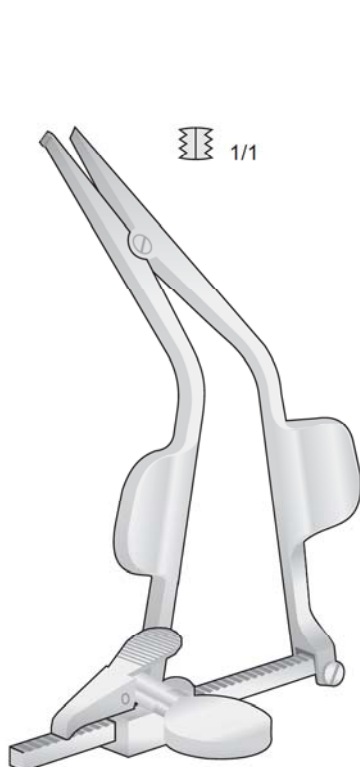


CASPAR
FF-205
70 mm

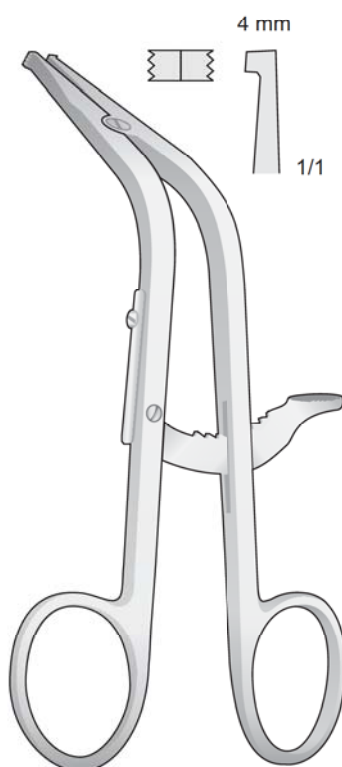
Schraubendreher
Screw Driver



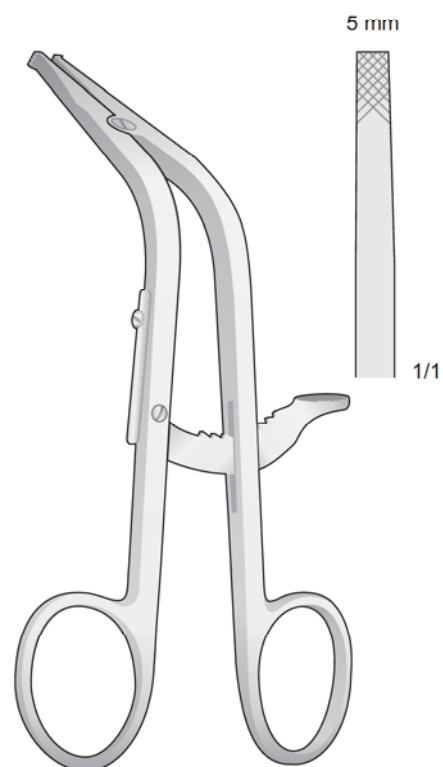
CASPAR
FF-206
200 mm



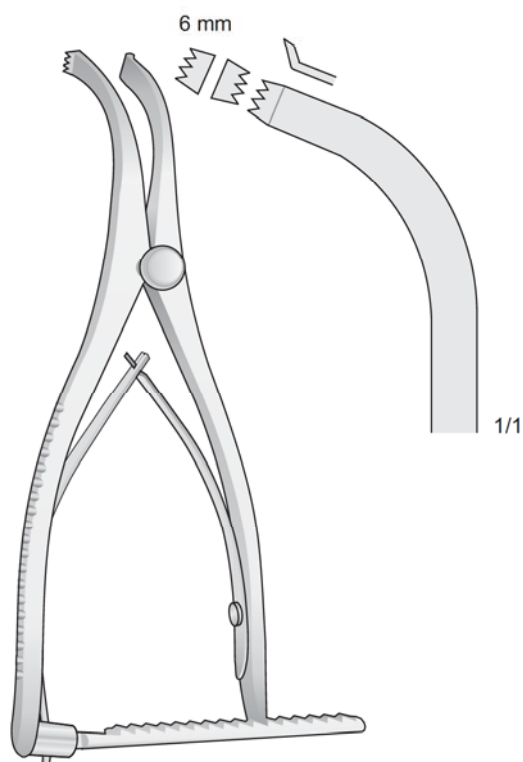
CLOWARD
BV-86
150 mm



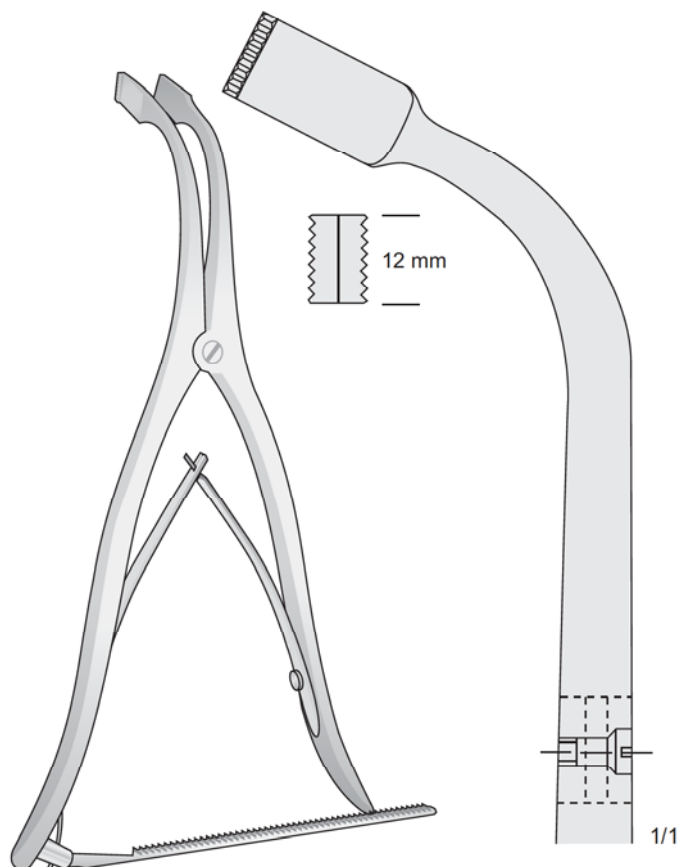
CLOWARD
BV-84
160 mm



CLOWARD
BV-85
160 mm



INGE
BV-80
160 mm



INGE
BV-82
275 mm



LB-361
Conf. 10 pz.



LB-362
Conf. 10 pz.



LB-363
Conf. 1 pz.



LB-364
Conf. 10 pz.



LB-365
Conf. 10 pz.



LB-366
Conf. 1 pz.



LB-367
Conf. 10 pz.



LB-368
Conf. 10 pz.



LB-369
Conf. 1 pz.



NK-1
100 mm



NK-2
150 mm



BB-46
135 mm



BB-48 - 155 mm
BB-50 - 180 mm
BB-52 - 200 mm



CASPAR
BB-50



BB-52



LANDOLT
BB-38
250 mm



LANDOLT
BB-40
210 mm



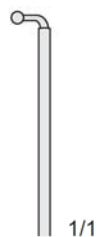
Nervhaken

Nerve Hooks

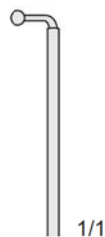
Uncini per nervi

Ganchos para nervios

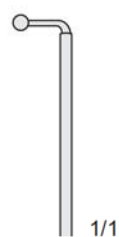
Crochet à nerfs



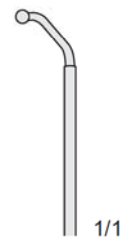
BT-300



BT-301



BT-302



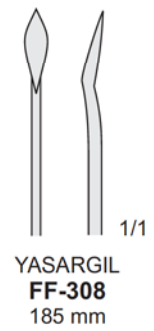
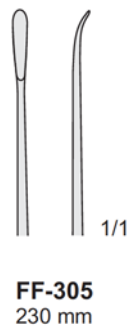
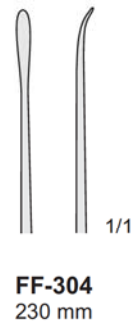
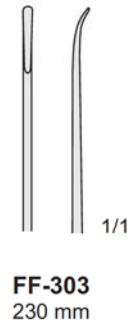
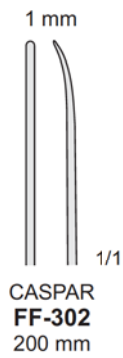
BT-303



CASPAR
BT-300/BT-303
245 mm

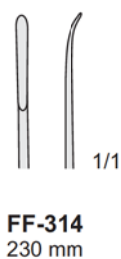
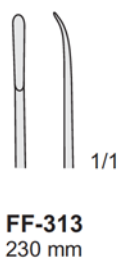
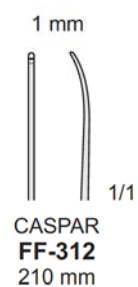
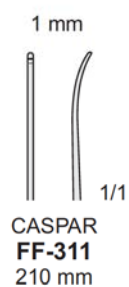
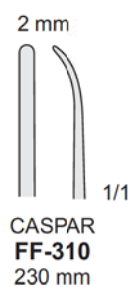
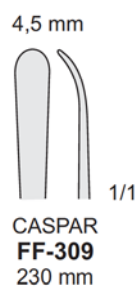


FF-301/FD-308





FD-309/FD-314



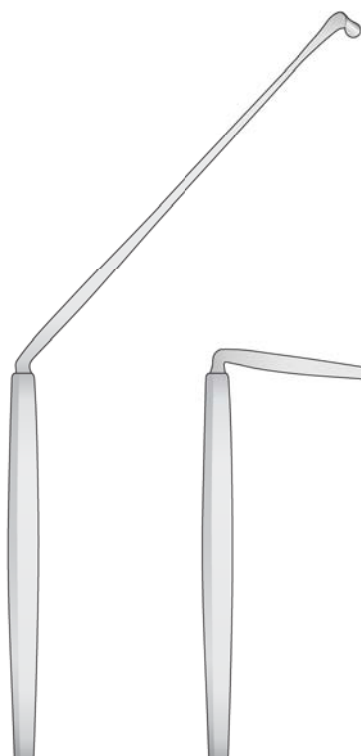


Diritto



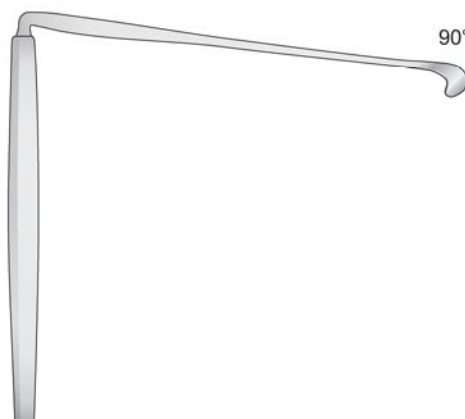
LOVE
DO-56
210 mm

45°

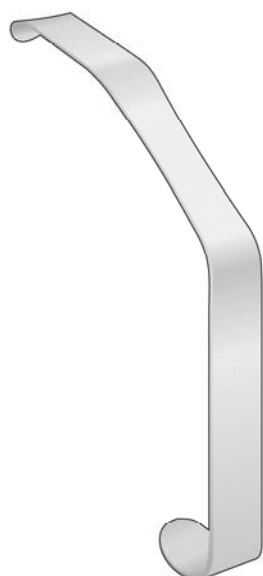


LOVE
DO-57

90°



LOVE
DO-58



LOVE
DO-213 - 18 mm
DO-214 - 20 mm
DO-215 - 22 mm
150 mm



LOVE
DO-174
210 mm



Nervwurzel
-haken

Nerve Root
Retractors

Retrattori
da radice

Separadores de
raíz de nervios

Retracteurs pour
racines nerveuses





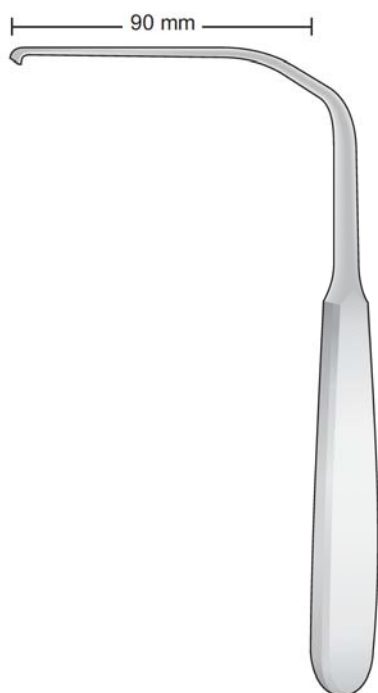
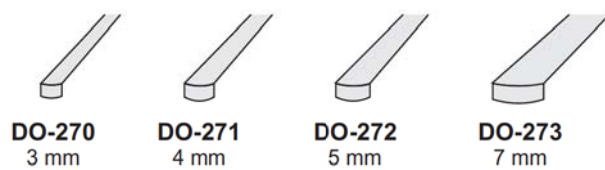
Nervhaken

Nerve Retractors

Retrattori di nervi

Ganchos para nervios

Crochets à nerfs



HESS
DO-270/DO-273
175 mm



Char. 6	= 2 mm
Char 7	= 2,5 mm
Char 9	= 3 mm
Char 10	= 3,3 mm
Char 12	= 4 mm
Char 15	= 5 mm

Isoliert



FERGUSSON

GF-140	Ch. 6	2,0 mm
GF-141	Ch. 7	2,5 mm
GF-142	Ch. 9	3,0 mm
GF-142B	Ch. 10	3,3 mm
GF-143	Ch. 12	4,0 mm
GF-144	Ch. 15	5,0 mm

180 mm

FRAZIER

GF-240	Ch. 6	2,0 mm
GF-241	Ch. 7	2,5 mm
GF-242	Ch. 9	3,0 mm
GF-242B	Ch. 10	3,3 mm
GF-243	Ch. 12	4,0 mm
GF-244	Ch. 15	5,0 mm

180 mm

FRAZIER

GF-252	Ch. 12
---------------	--------

180 mm

PLESTER

GF-150	Ch. 6	2,0 mm
GF-151	Ch. 7	2,5 mm
GF-152	Ch. 9	3,0 mm
GF-152B	Ch. 10	3,3 mm
GF-153	Ch. 12	4,0 mm
GF-154	Ch. 15	5,0 mm

200 mm



1,5 mm

□ 1/1

DB-177

2,0 mm

□ 1/1

DB-178

2,2 mm

□ 1/1

DB-179

2,5 mm

□ 1/1

DB-180

3,0 mm

□ 1/1

DB-181

3,5 mm

□ 1/1

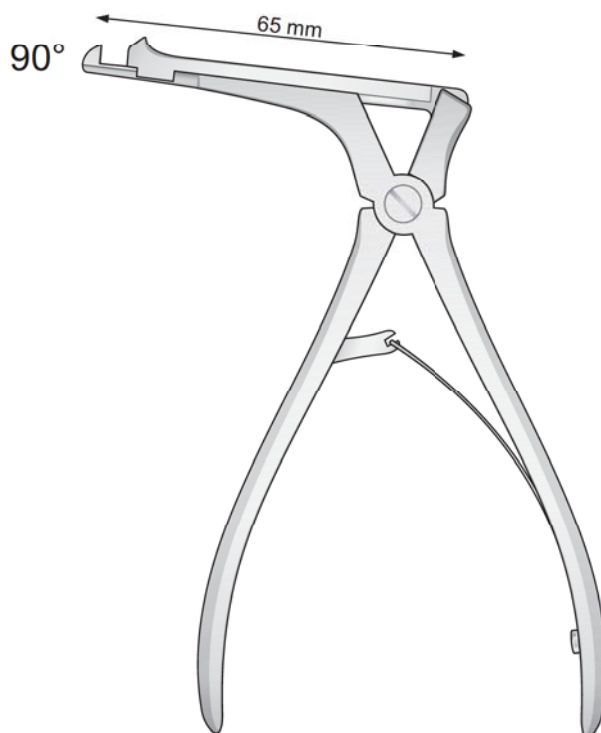
DB-182

4,0 mm

□ 1/1

DB-183

Punches - Stanzen

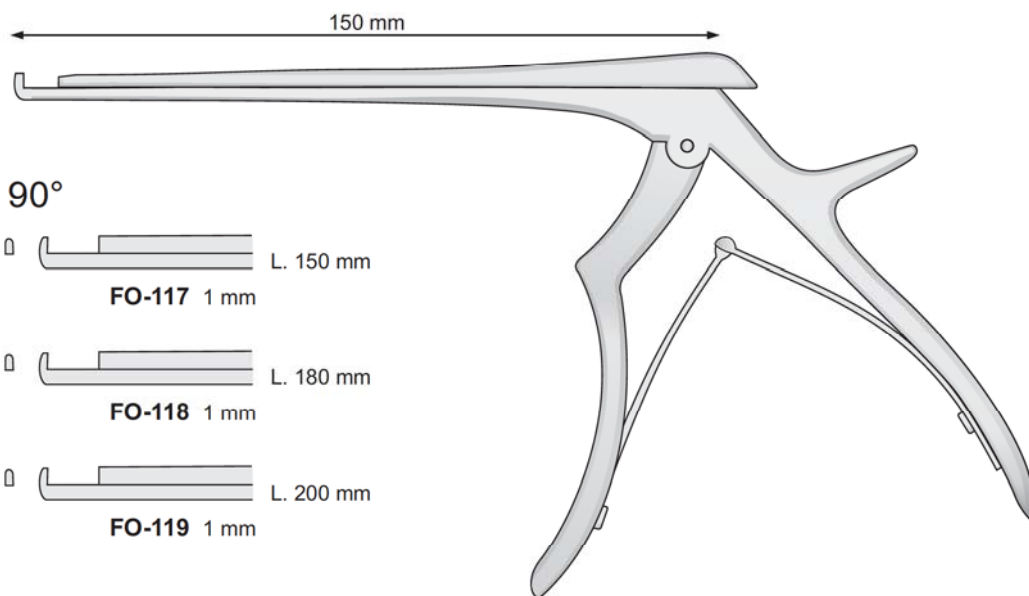
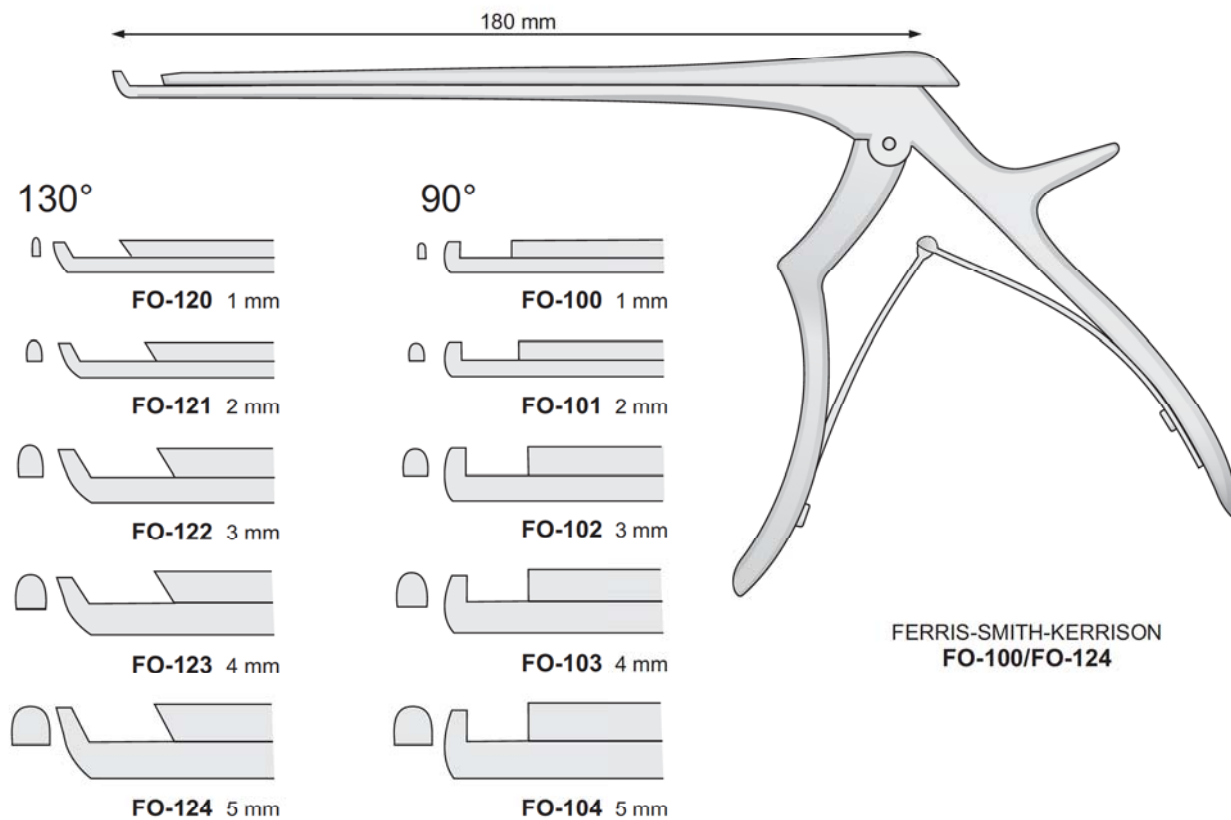


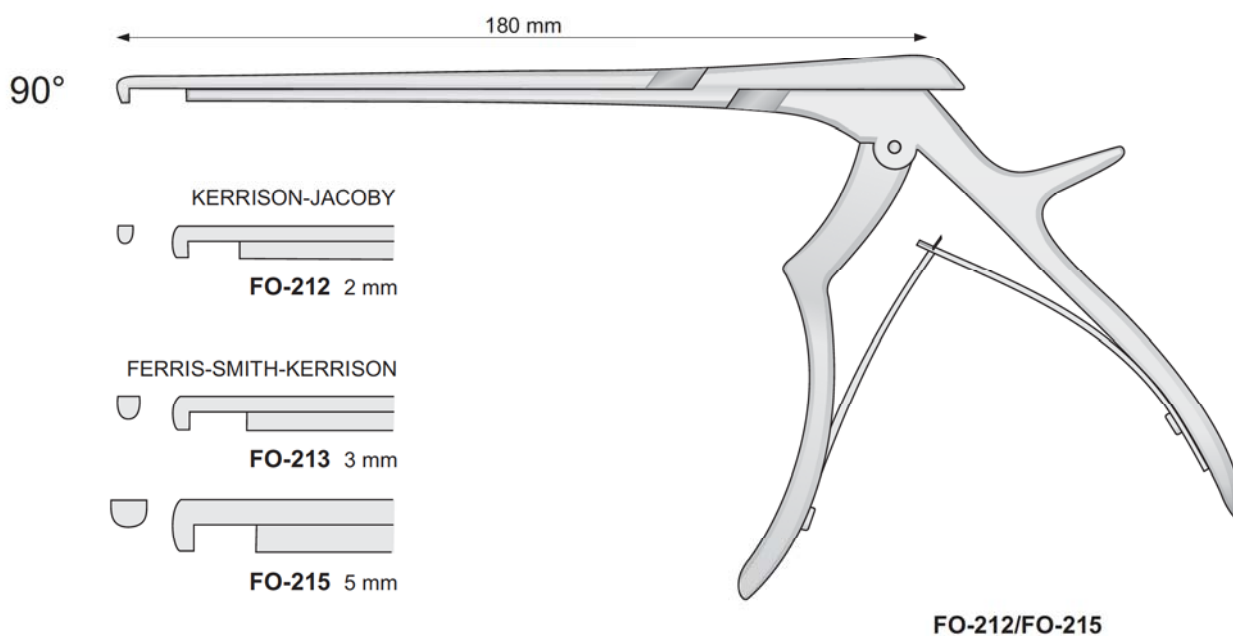
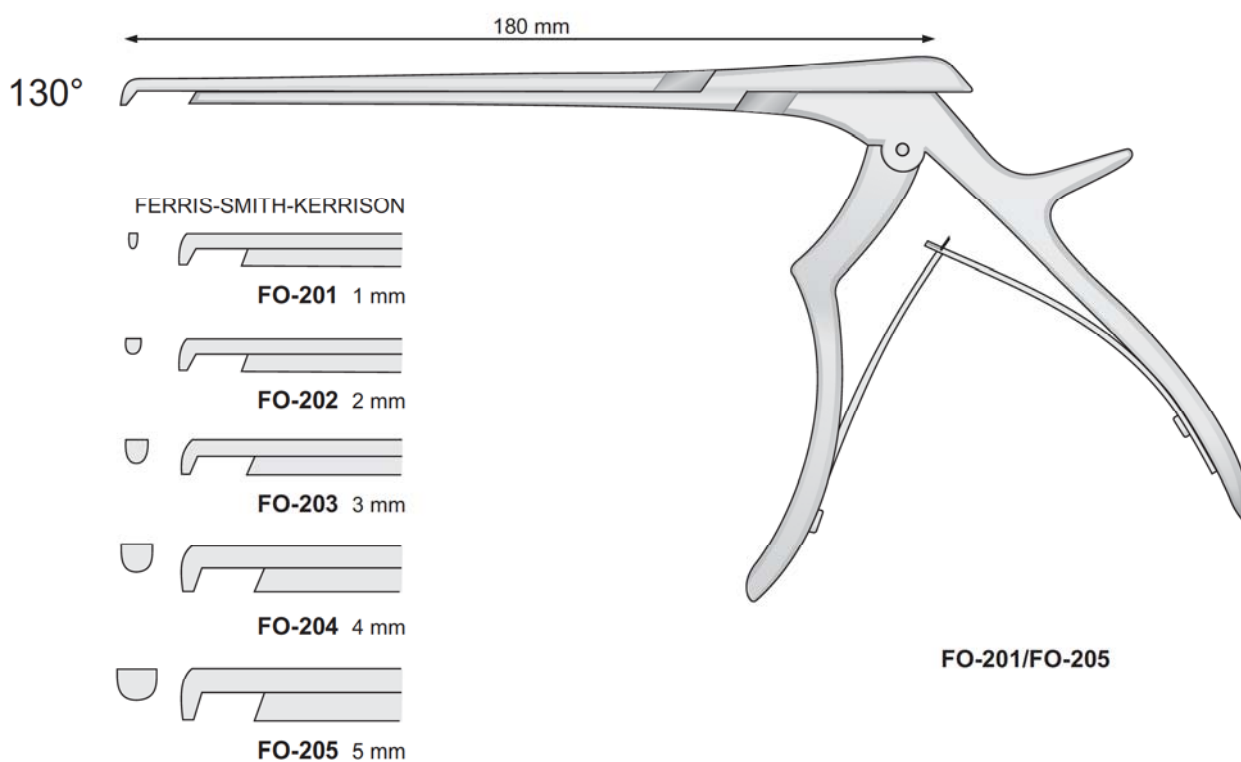
DB-177 1,5 mm
DB-178 2,0 mm
DB-179 2,2 mm
DB-180 2,5 mm
DB-181 3,0 mm
DB-182 3,5 mm
DB-183 4,0 mm

CITELLI
DB-177/DB-183



Punches - Stanzen

FERRIS-SMITH-KERRISON
FO-117/FO-119FERRIS-SMITH-KERRISON
FO-100/FO-124





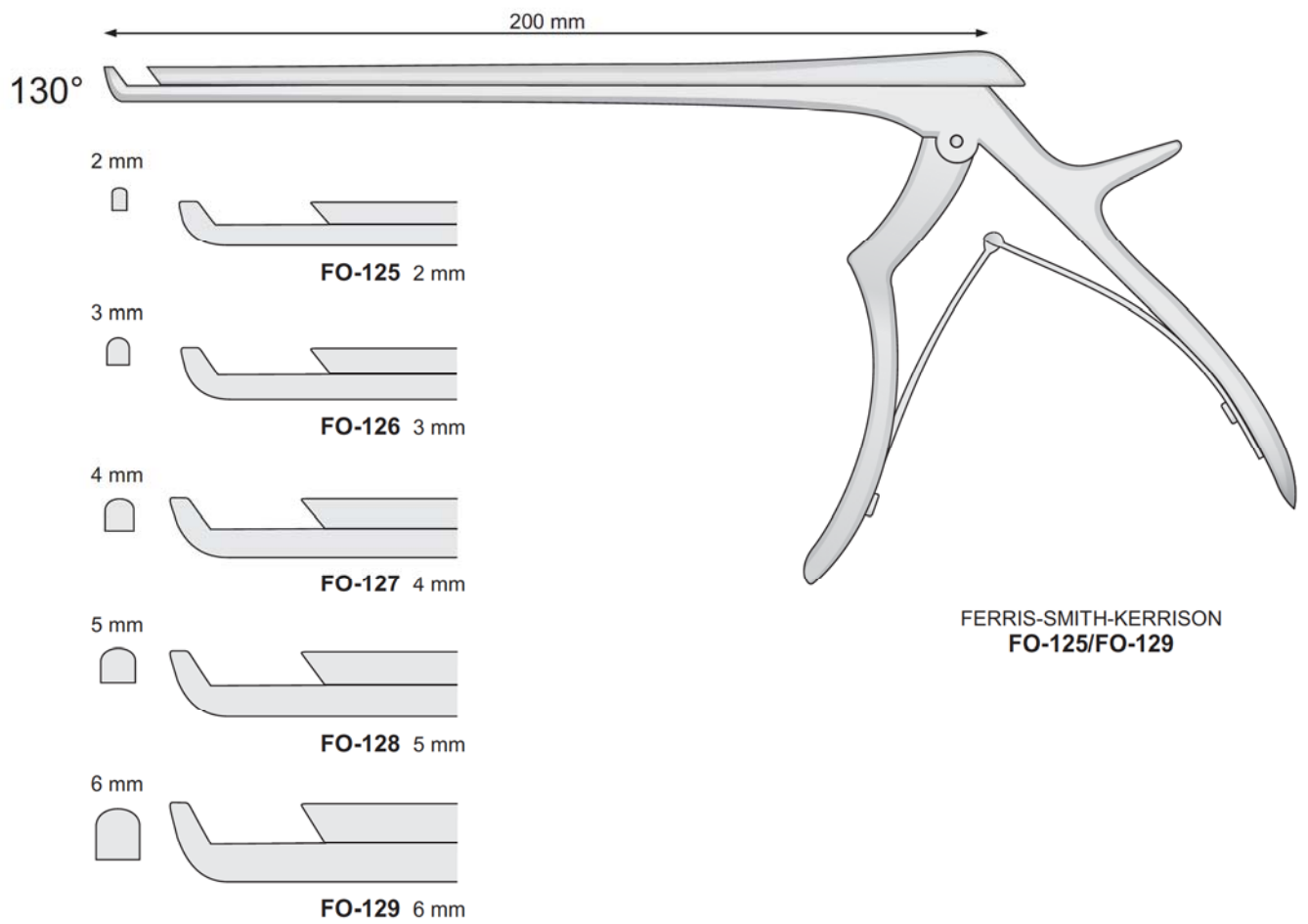
Laminektomie

Laminectomy

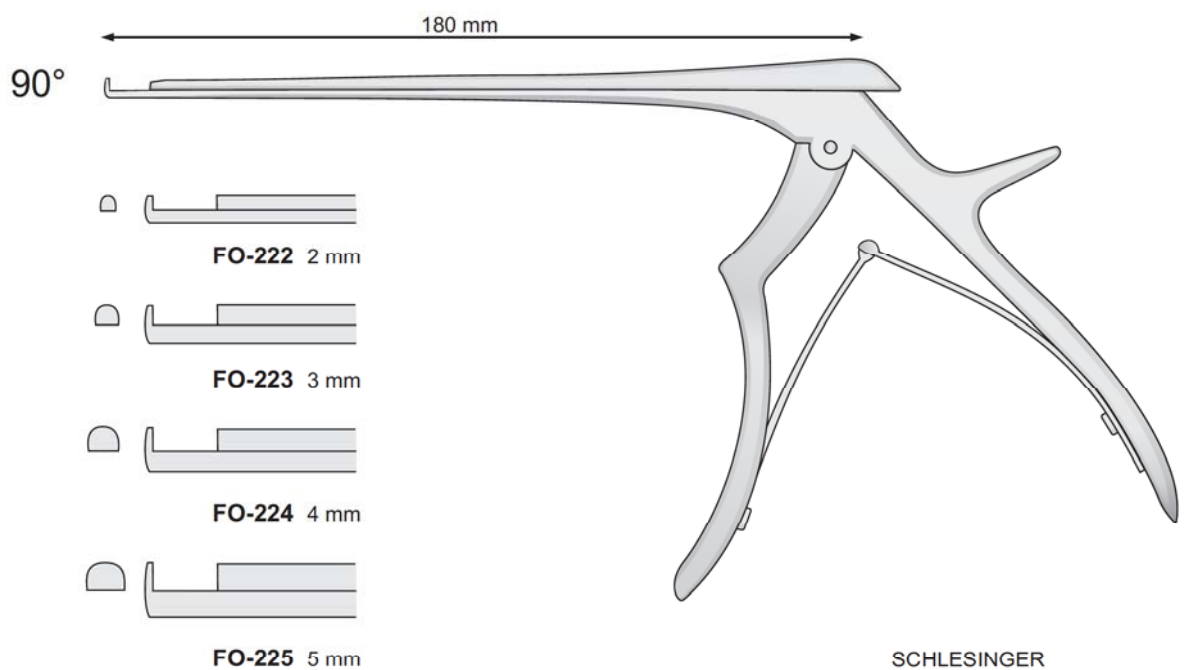
Laminectomia

Laminectomia

Laminectomie



Laminotomo cervicale - Cervical Laminectomy





1 mm

**FO-171**

2 mm

**FO-172**

3 mm

**FO-173**

4 mm

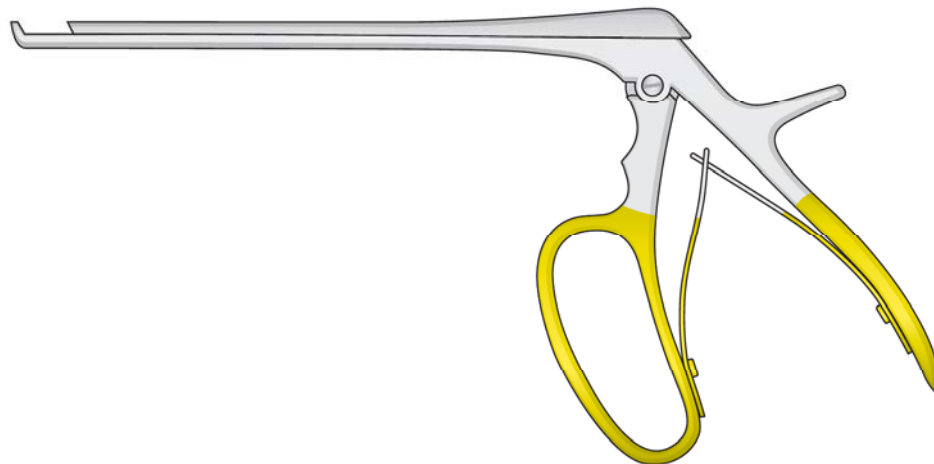
**FO-174**

5 mm

**FO-175**

180 mm

130°

**FERRIS - SMITH - KERRISON
FO-171/FO-175**



Gerade
Straight
Diritta
Rectas
Droites



FO-180 2 x 10 mm

FO-181 3 x 10 mm

FO-182 4 x 10 mm

FO-183 6 x 12 mm

Aufwärtsgebogen
Top curved
Curva verso l'alto
Curvos
Courbe vers le haut

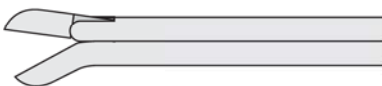


FO-184 2 x 10 mm

FO-185 3 x 10 mm

FO-186 4 x 10 mm

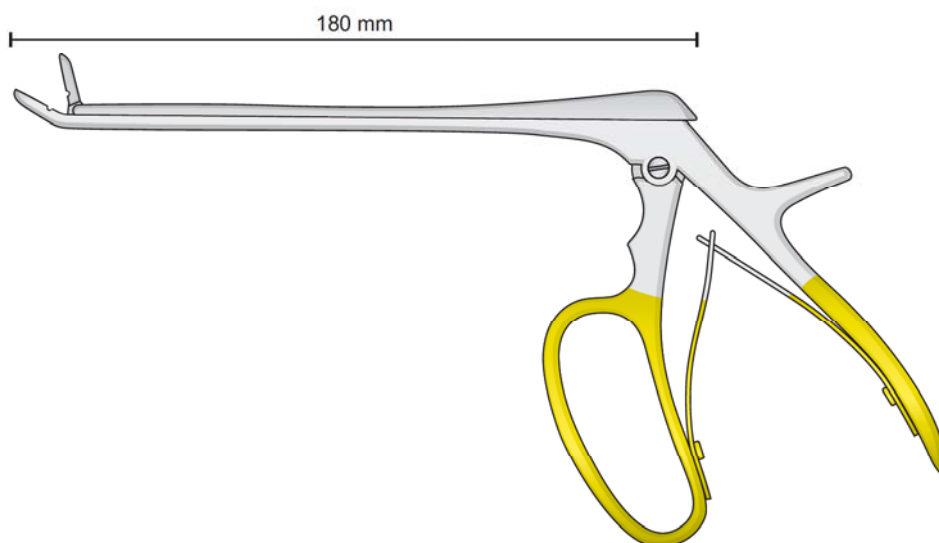
Abwärts gebogen
Bottom curved
Curva verso il basso
Curvos
Courbe vers le bas



FO-187 2 x 10 mm

FO-188 3 x 10 mm

FO-189 4 x 10 mm



FERRIS - SMITH - CUSHING
FO-180/FO-189



Laminectomy
Rongeurs

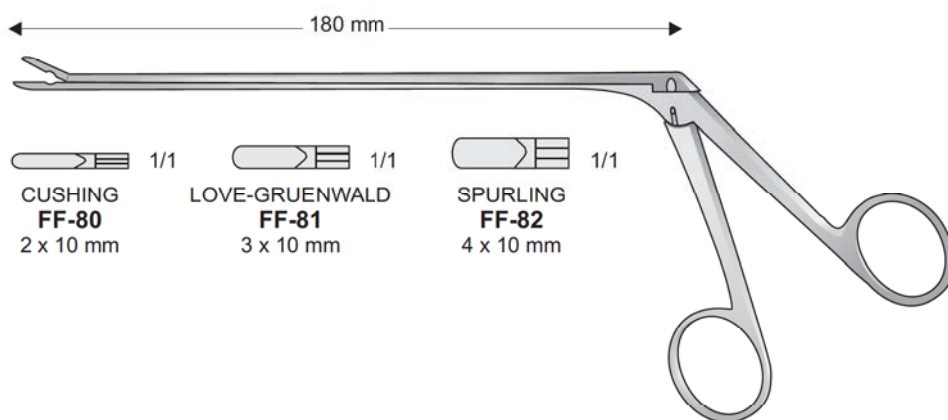
Laminectomy
rongeurs

Pinze
per biopsia

Pinzas cortantes
para laminectomía

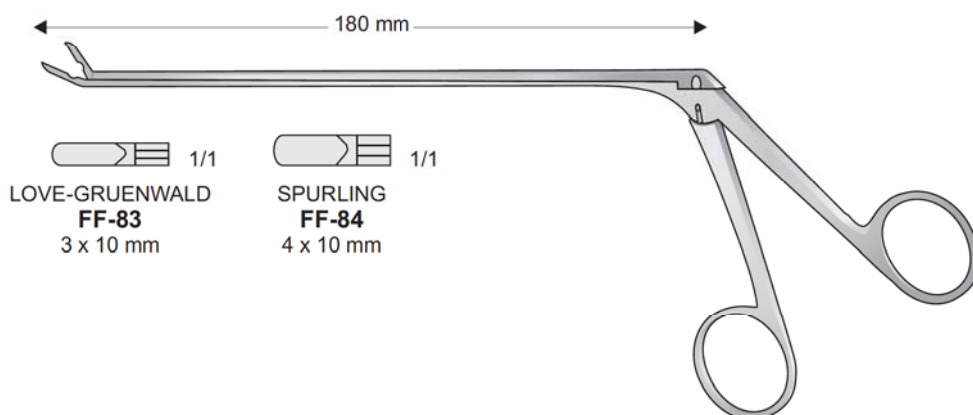
Pinces a
laminectomía

Gerade
Straight
Diritta
Rectas
Droites



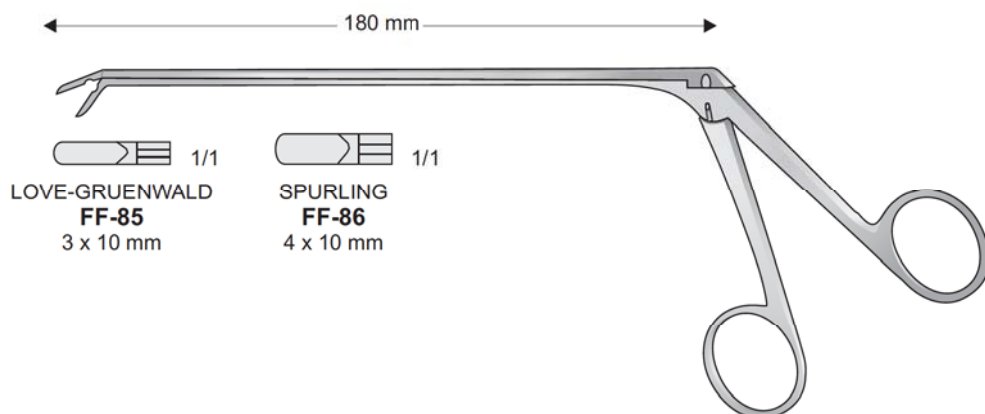
FF-80/FF-82

Aufwärtsgebogen
Top curved
Curva verso l'alto
Curvos
Courbe vers le haut



FF-83/FF-84

Abwärts gebogen
Bottom curved
Curva verso il basso
Curvos
Courbe vers le bas



FF-85/FF-86



Laminectomy
Rongeurs

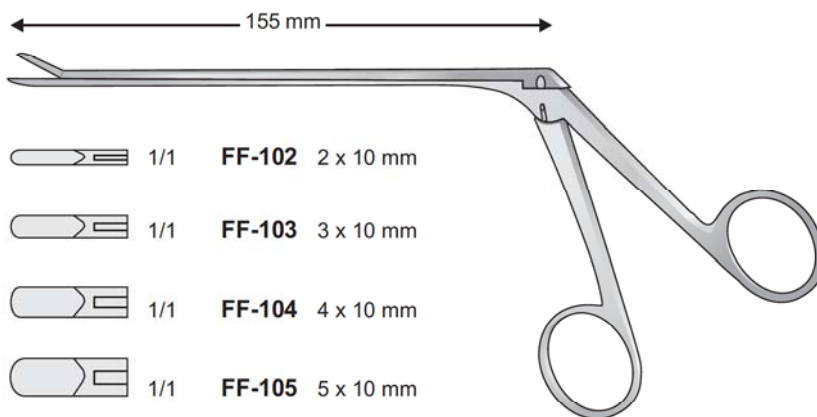
Laminectomy
rongeurs

Pinze
per biopsia

Pinzas cortantes
para laminectomía

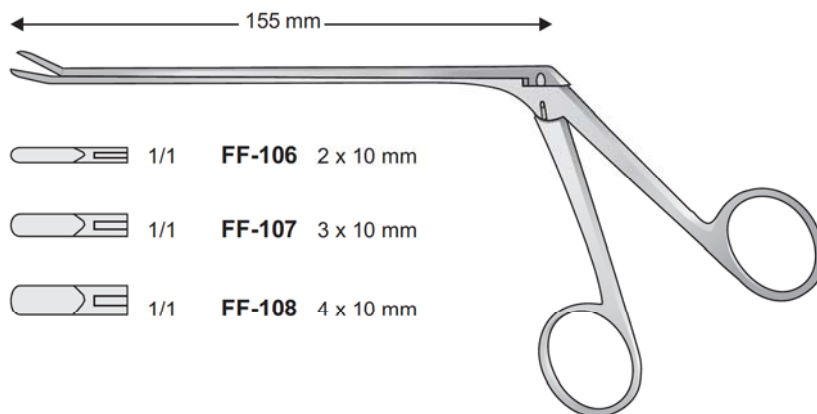
Pinces a
laminectomía

Gerade
Straight
Diritta
Rectas
Droites



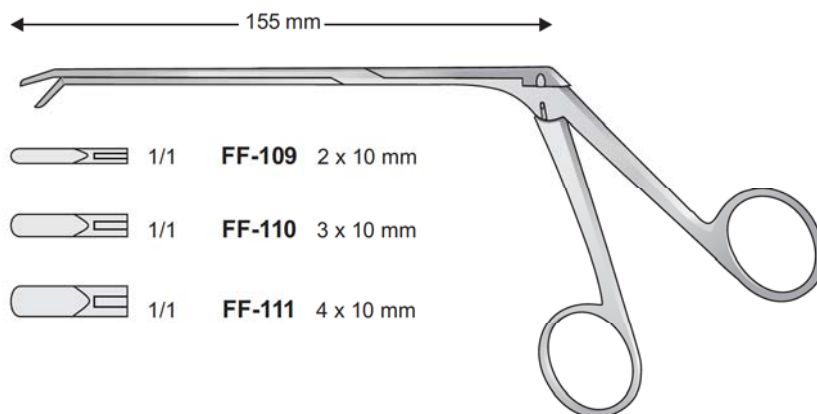
CASPAR
FF-102/FF-105

Aufwärtsgebogen
Top curved
Curva verso l'alto
Curvos
Courbe vers le haut



CASPAR
FF-106/FF-108

Abwärts gebogen
Bottom curved
Curva verso il basso
Curvos
Courbe vers le bas



CASPAR
FF-109/FF-111



Laminectomy
Rongeur

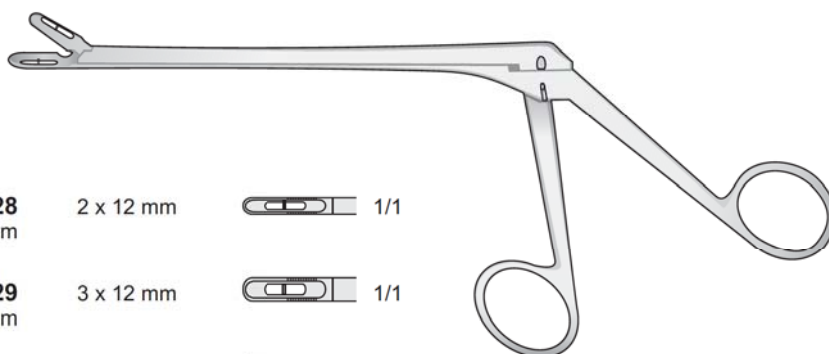
Laminectomy
rongeurs

Pinze
per biopsia

Pinzas cortantes
para laminectomía

Pinces a
laminectomía

Gerade
Straight
Diritta
Rectas
Droites



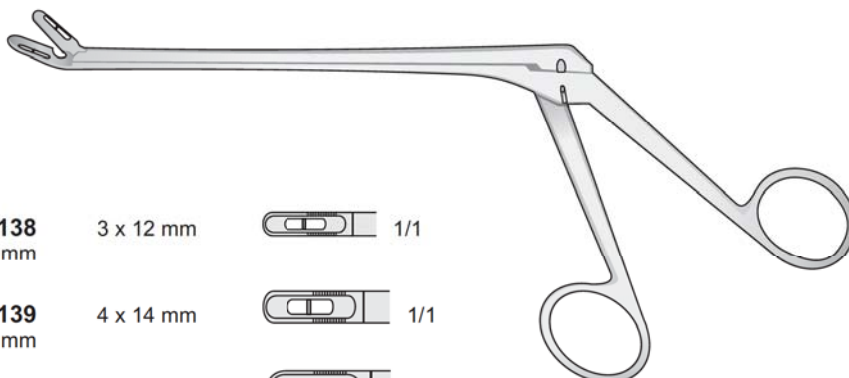
CASPAR

FF-120 140 mm	FF-123 160 mm	FF-128 185 mm	2 x 12 mm		1/1
FF-121 140 mm	FF-124 160 mm	FF-129 185 mm	3 x 12 mm		1/1
FF-122 140 mm	FF-125 160 mm	FF-130 185 mm	4 x 14 mm		1/1
	FF-126 160 mm	FF-131 185 mm	5 x 14 mm		1/1
	FF-127 160 mm	FF-132 185 mm	6 x 16 mm		1/1

CASPAR
FF-120/FF-132

Aufwärtsgebogen
Top curved
Curva verso l'alto
Curvos
Courbe vers le haut

150°



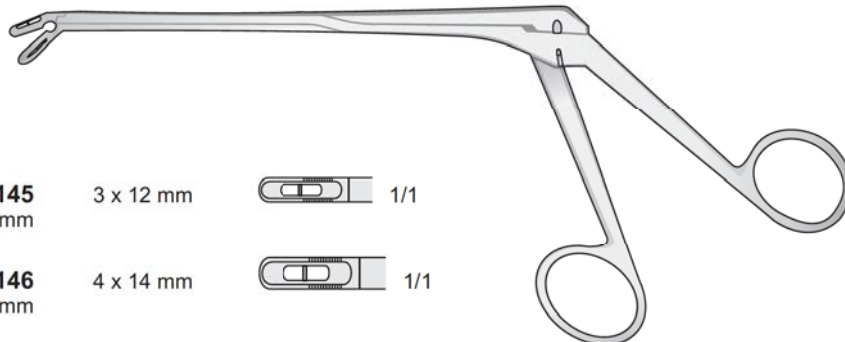
CASPAR

FF-133 140 mm	FF-135 160 mm	FF-138 185 mm	3 x 12 mm		1/1
FF-134 140 mm	FF-136 160 mm	FF-139 185 mm	4 x 14 mm		1/1
	FF-137 160 mm	FF-140 185 mm	5 x 14 mm		1/1

CASPAR
FF-133/FF-140

Abwärts gebogen
Bottom curved
Curva verso il basso
Curvos
Courbe vers le bas

150°



CASPAR

FF-141 140 mm	FF-143 160 mm	FF-145 185 mm	3 x 12 mm		1/1
FF-142 140 mm	FF-144 160 mm	FF-146 185 mm	4 x 14 mm		1/1

CASPAR
FF-141/FF-146



Laminectomy
Rongeur

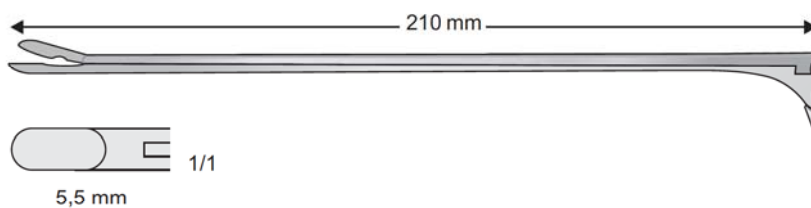
Laminectomy
rongeurs

Pinze
per biopsia

Pinzas cortantes
para laminectomía

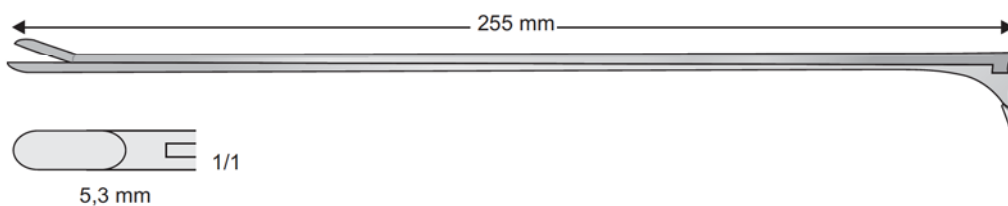
Pinces a
laminectomía

Gerade
Straight
Diritta
Rectas
Droites



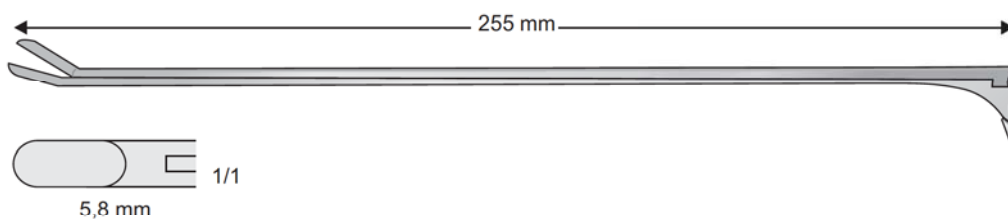
WAGNER
FF-90

Gerade
Straight
Diritta
Rectas
Droites

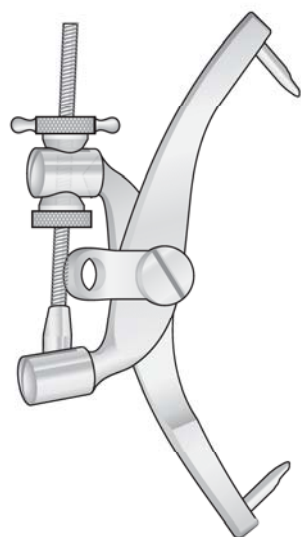
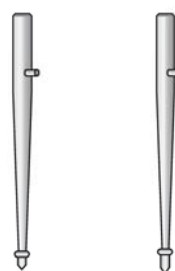


FF-91

Aufwärtsgebogen
Top curved
Curva verso l'alto
Curvos
Courbe vers le haut

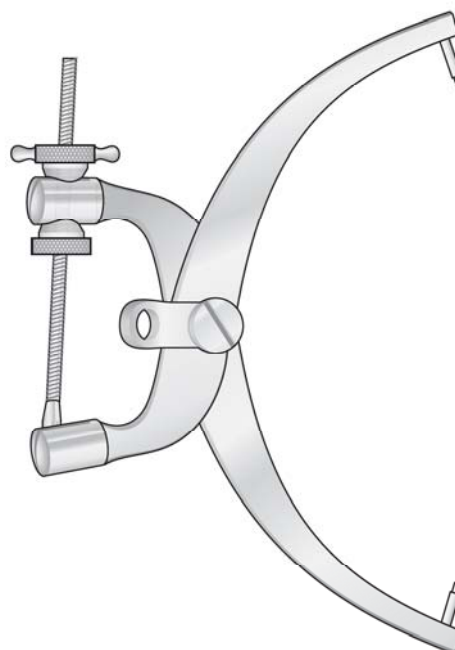


SYPERT
FF-92

CRUTCHFIELD
FF-394Drill points only
Vorböhrer dazu

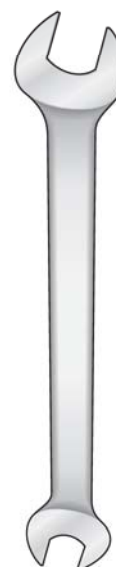
FF-395

FF-396

CRUTCHFIELD
FF-397

FF-398

Doppelschlüssel zu FF-398



FF-399



Skalpelle

Knives

Bisturi

Bisturies

Bistouris

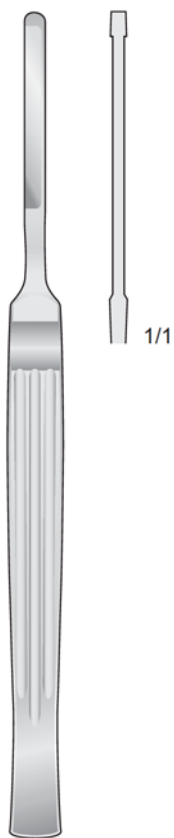
Amputation
Amputazione



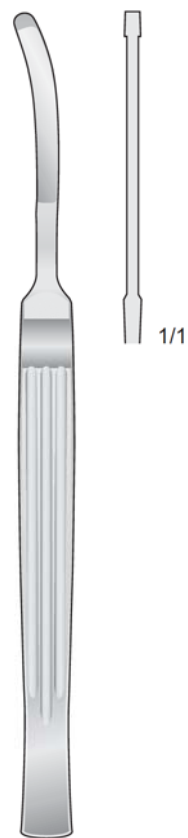
NK-90
180 mm



NK-91
280 mm



JOSEPH
NK-100
150 mm



CONVERSE
NK-101
160 mm



NK-102
160 mm



Skalpelle

Knives

Bisturi

Bisturies

Bistouris

Amputation
Amputazione



1/1

NK-31/NK-57



1/1

NK-50
150 mm



1/1

NK-51
155 mm



1/1

NK-31
158 mm



1/1

NK-52
160 mm



1/1

NK-53
170 mm



1/1

NK-35
175 mm



1/1

NK-54
150 mm



1/1

NK-55
155 mm



1/1

NK-33
158 mm



1/1

NK-56
160 mm



1/1

NK-57
170 mm



1/1

NK-37
175 mm



Knochenfeilen

Bone files

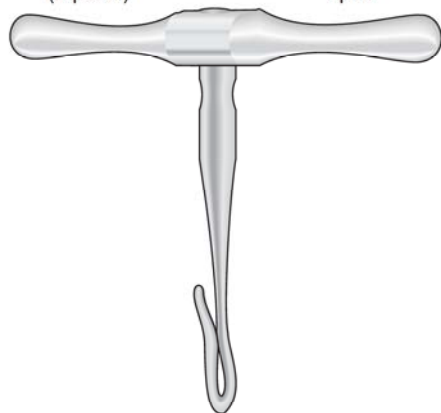
Lime per osso

Limas para huesos

Limes à os

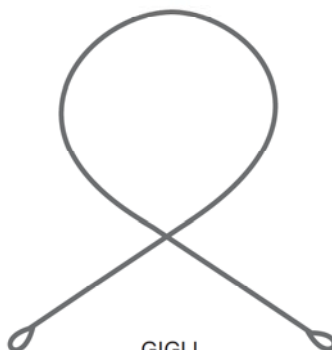
Coppia
(2 pezzi)

1 paar
1 pair



GIGLI
FK-11

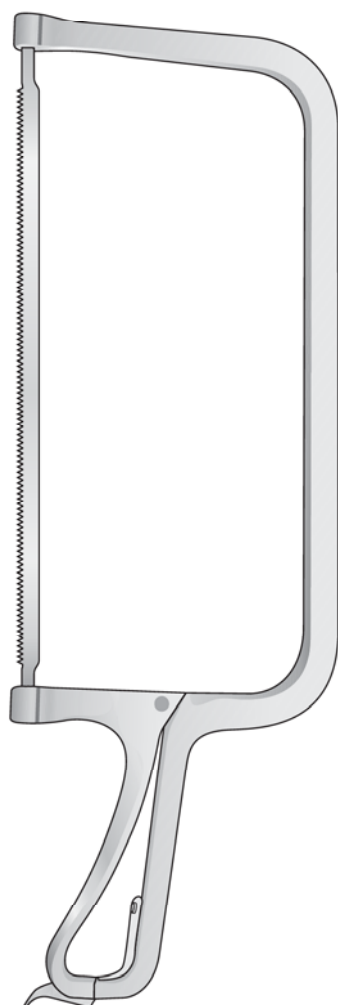
Rostfrei
Stainless
Inox
Acciaio



GIGLI
FK-13
300 mm
FK-14
500 mm

LS-300

Komplett mit 3 Sägen
Complete with 3 saws
Completa con 3 seghe
Completo con 3 sierras
Complet avec 3 scies



COLLIN
LS-300
390 mm

Fig.1



LS-301
280 mm

Fig.2



LS-302
280 mm

Fig.3



LS-303
280 mm



LINDEMANN
FK-243
200 mm



1/1



LANGENBECK
FK-244
235 mm



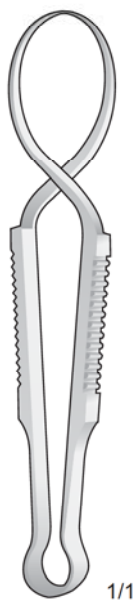
Tuchklemmen

Towel clamps

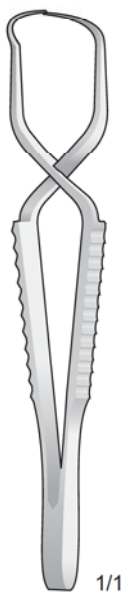
Fissateli

Pinzas de campo

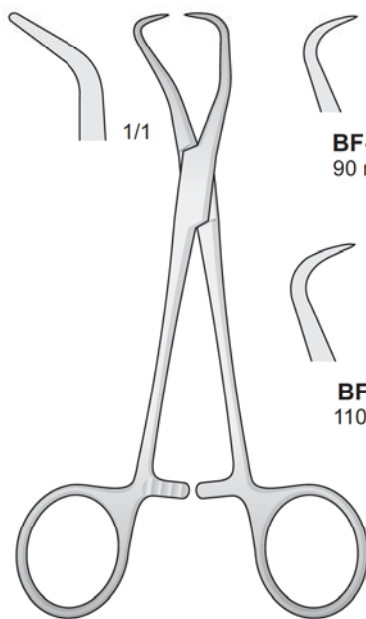
Pinces pour fixer les compresses



SCHAEDEL
BF-38
85 mm



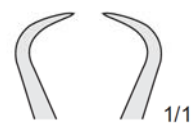
FAURE
BF-40
85 mm



BACKHAUS
BF-41/BF-46



BF-42
90 mm



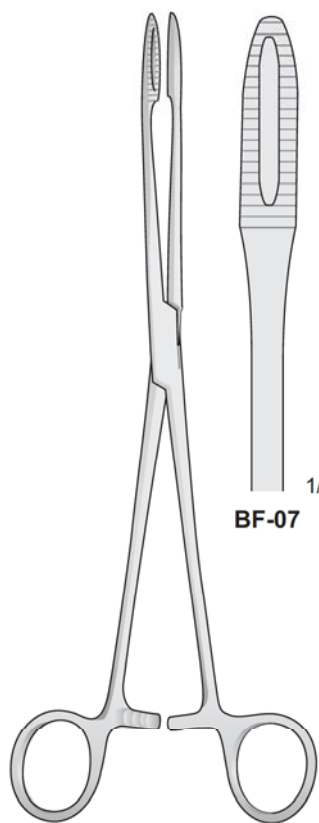
BF-41
100 mm



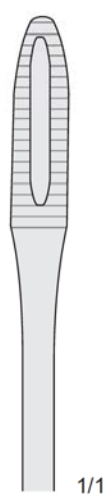
BF-44
110 mm



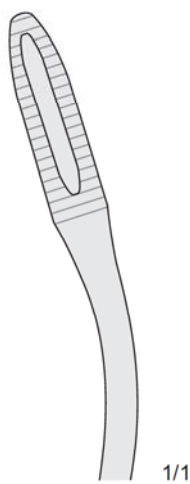
BF-46
130 mm



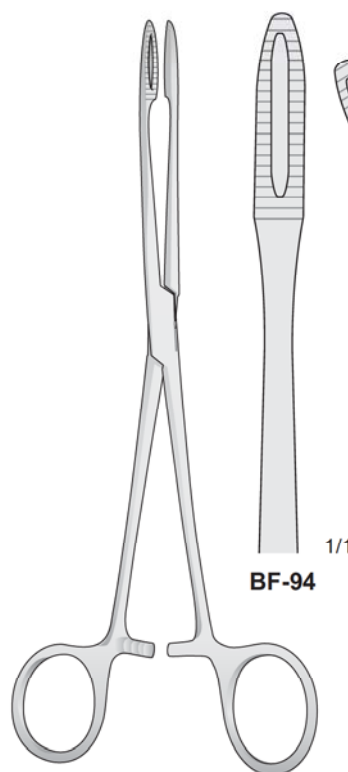
MAIER
BF-07/BF-08
265 mm



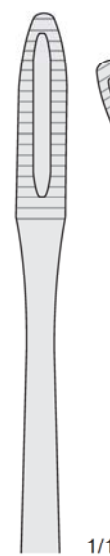
BF-07



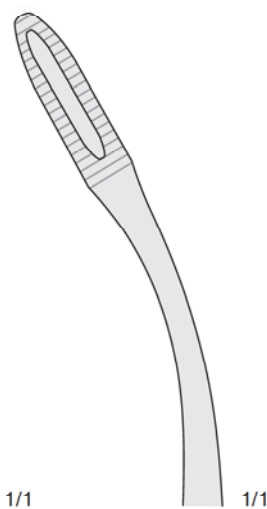
BF-08



GROSS
BF-94/BF-95
200 mm



BF-94



BF-95



Irisscheren

Iris scissors

Forbici per iridectomia

Tijeras para iridectomía

Ciseaux à iridectomie

"Ribbon type"

Mit großen Ringen
With large rings
Forbici ad anelli grandi
Con anillos especialmente grandes
avec larges anneaux

Irisscheren - Iris scissors
Forbici per iridectomia - Tijeras para iridectomía
Ciseaux à iridectomie

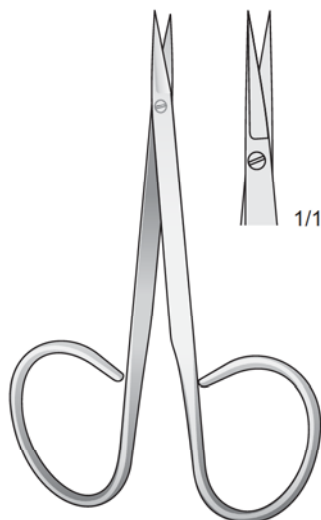
Blepharoplasty
Blefaroplastica

Spitz - Sharp
Acuta - Aguda
Pointu

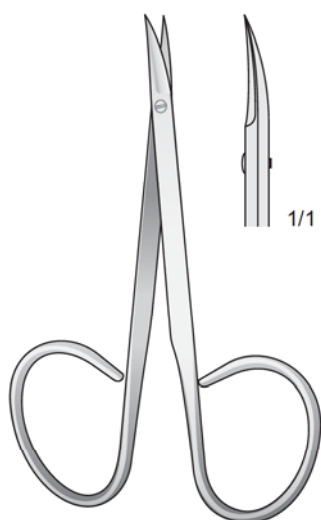
Spitz - Sharp
Acuta - Aguda
Pointu

Stumpf - Blunt
Smussa - Romas
Mousse

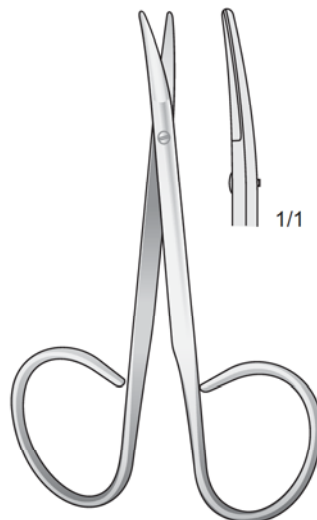
Spitz - Sharp
Acuta - Aguda
Pointu



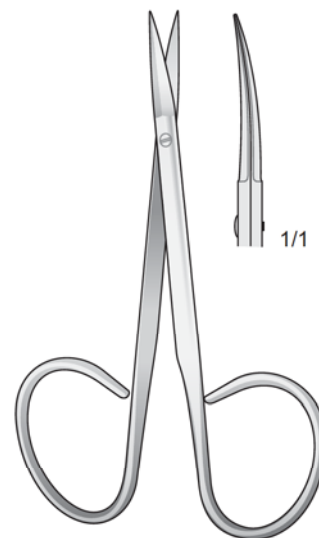
FG-200
95 mm



FG-201
95 mm



FG-202
95 mm



FG-203
105 mm

Strabismusscheren - Strabismus Scissors
Forbici da strabismo - Tijeras para estrabismo
Ciseaux à strabisme

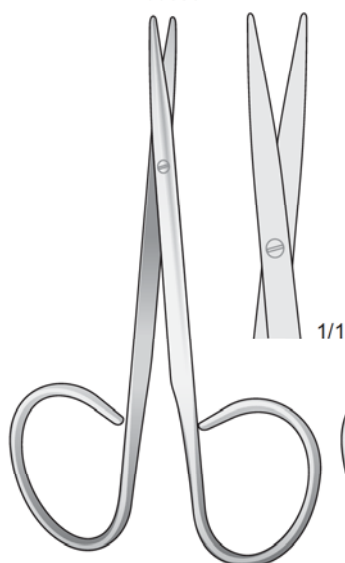
Irisscheren - Iris scissors
Forbici per iridectomia - Tijeras para iridectomía
Ciseaux à iridectomie

Stumpf - Blunt
Smussa - Romas
Mousse

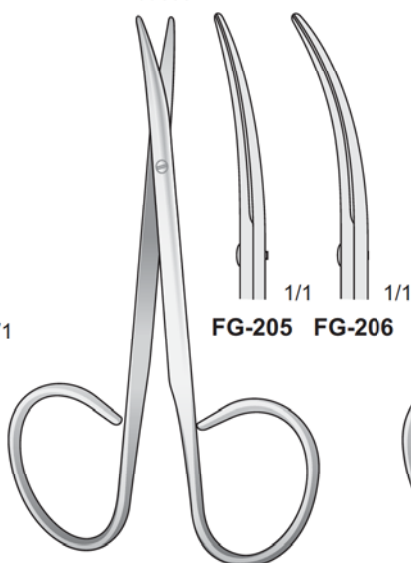
Stumpf - Blunt
Smussa - Romas
Mousse

Spitz - Sharp
Acuta - Aguda
Pointu

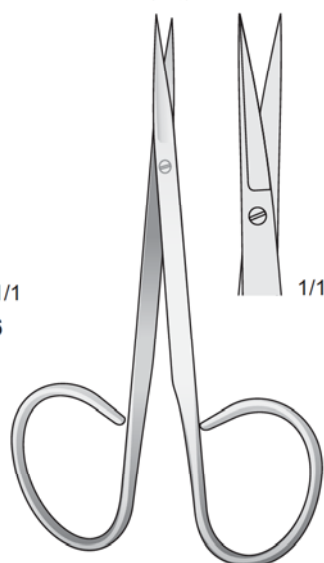
Spitz - Sharp
Acuta - Aguda
Pointu



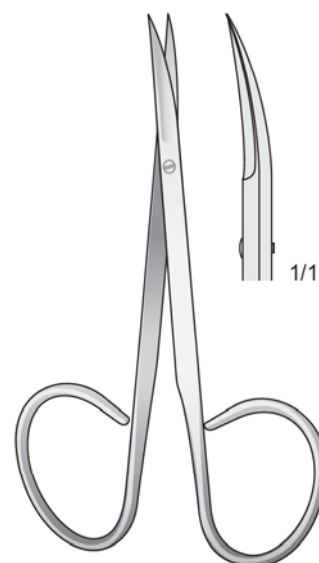
FG-204
100 mm



FG-205/FG-206
100 mm



FG-207
105 mm



FG-208
105 mm



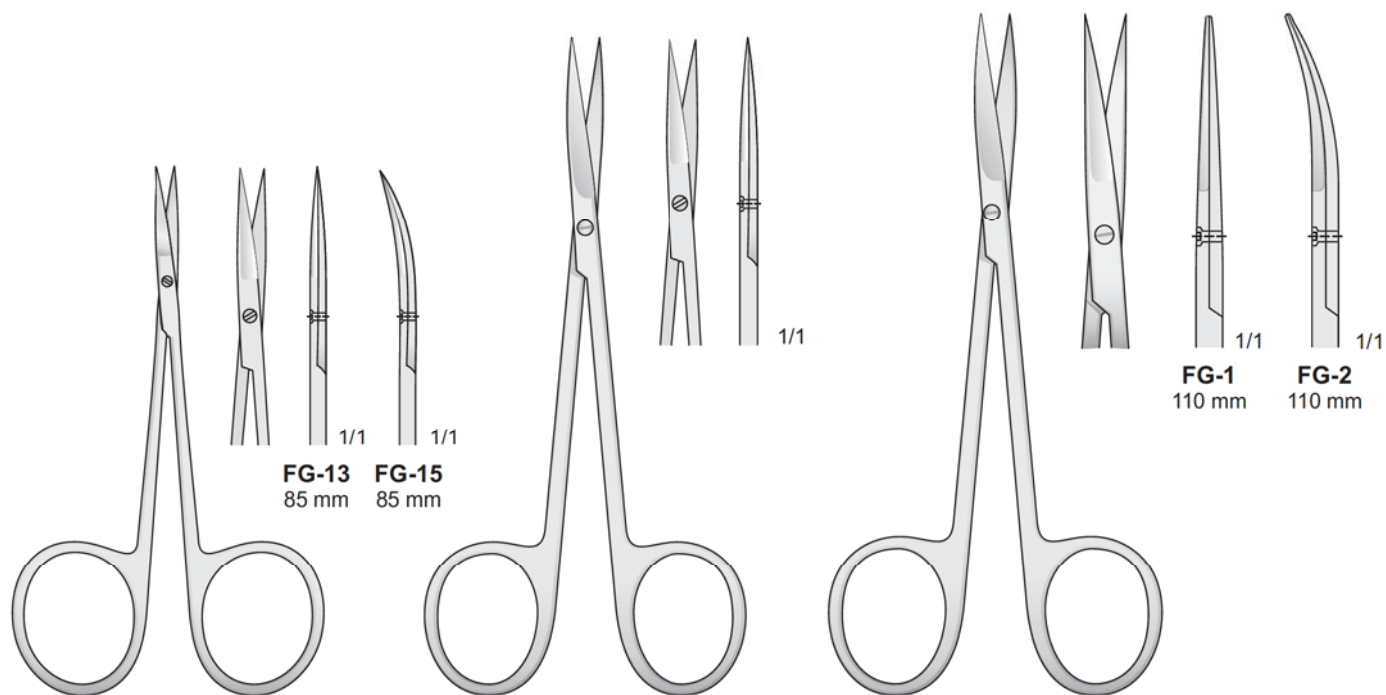
Feine Scheren

Delicate scissors

Forbici delicate

Tijeras finas

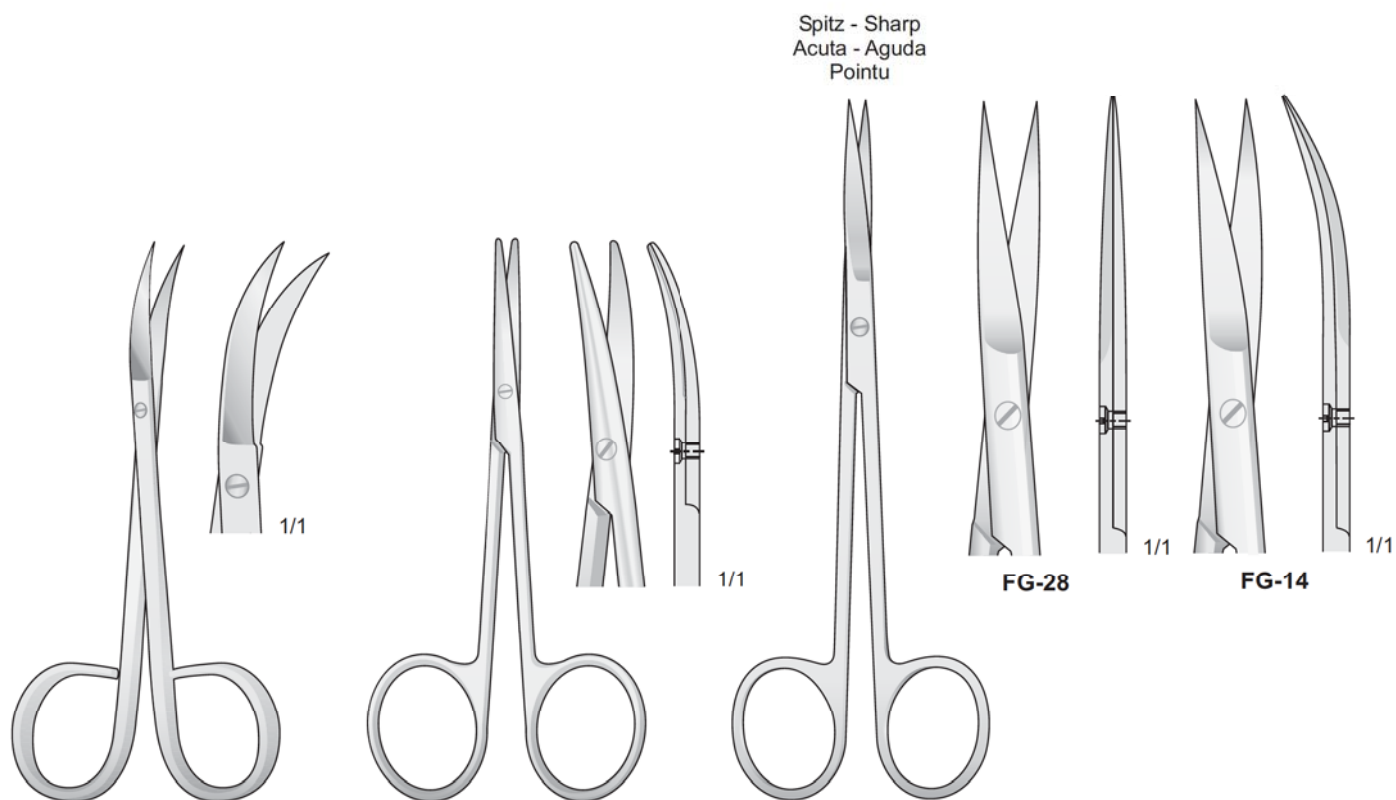
Ciseaux délicate



MICRO-IRIS
FG-13/FG-15
85 mm

FG-4
105 mm

IRIS
FG-1/FG-2
110 mm



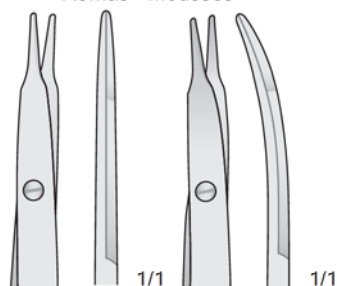
FG-3
115 mm

BABY - METZENBAUM
FM-48
115 mm

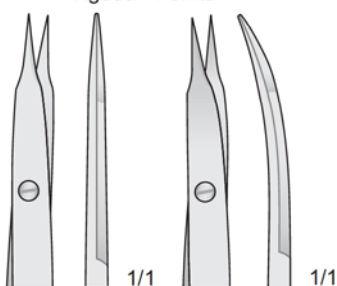
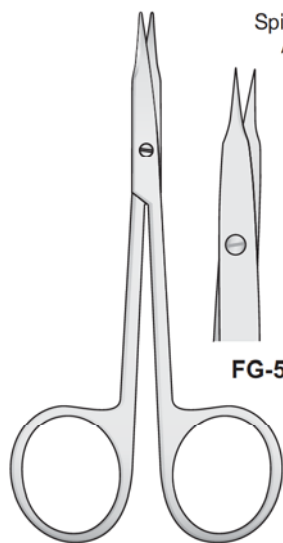
METZENBAUM
FG-14/FG-28
145 mm



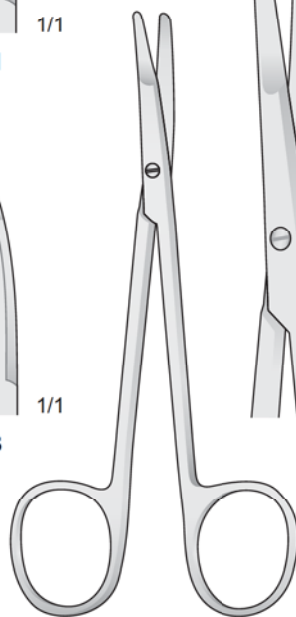
Stumpf - Blunt - Smusse
Romas - Mousses

**FG-50****FG-51**

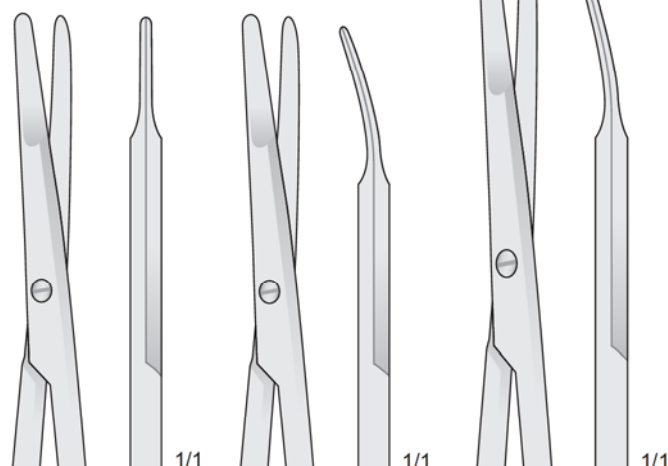
Spitz - Sharp - Acuta
Aguda - Pointu

**FG-52****FG-53**

STEVENS
FG-50/FG-53
110 mm



KILNER
FG-6C/FG-19R

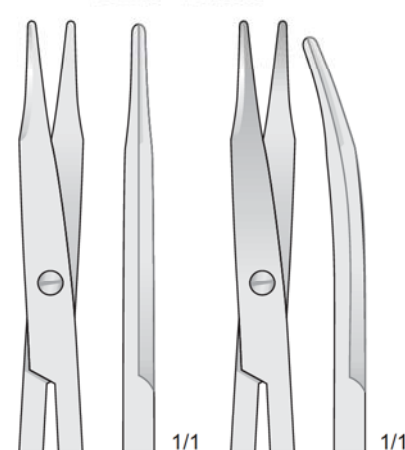


FG-19R
135 mm

FG-19C
135 mm

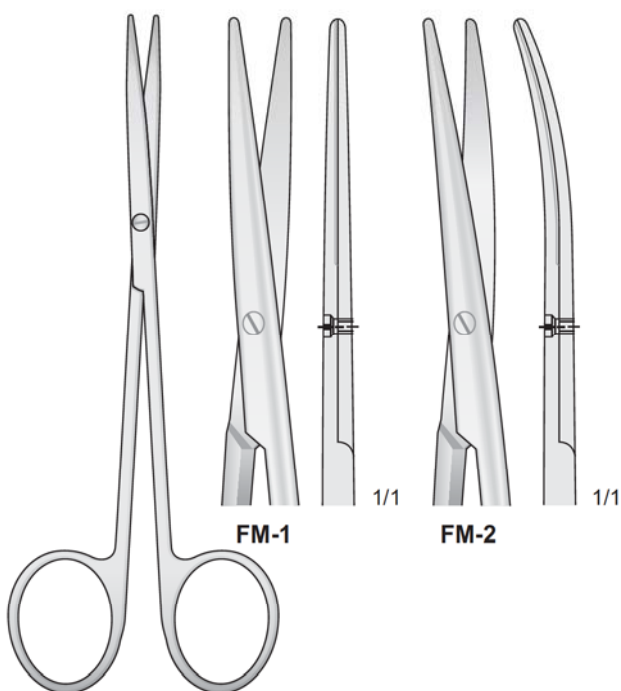
FG-6C
150 mm

Stumpf - Blunt - Smusse
Romas - Mousses

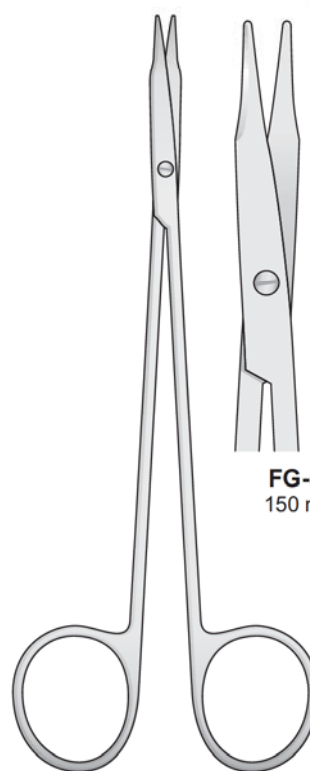


FG-54
150 mm

FG-55
150 mm

**FM-1****FM-2**

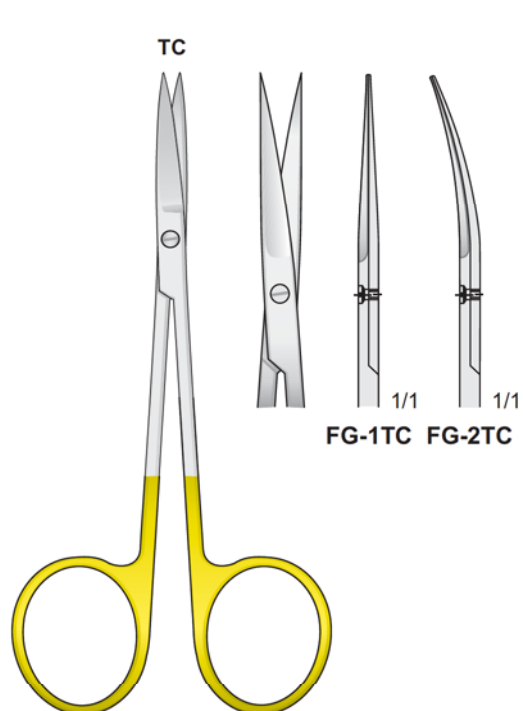
METZENBAUM
FM-1/FM-2
145 mm



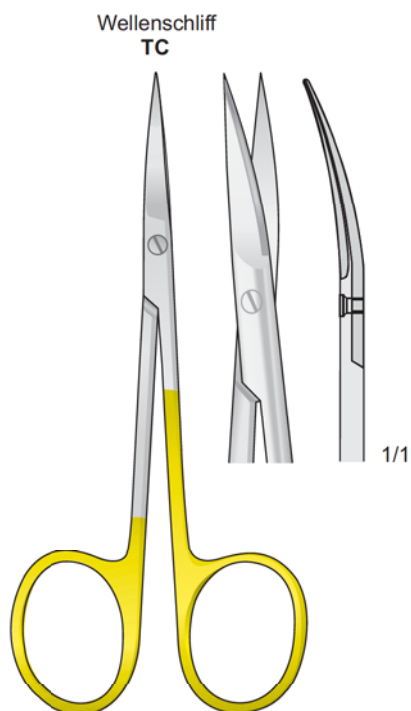
REYNOLDS
FG-54/FG-55



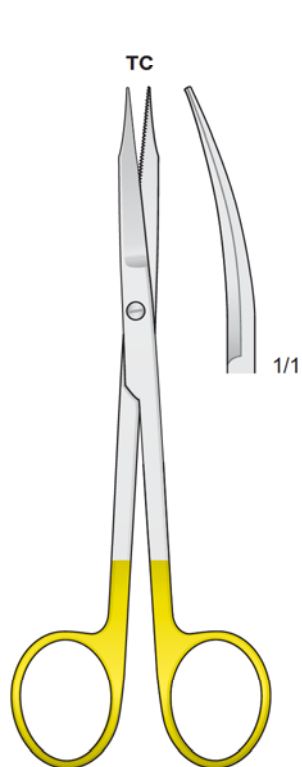
Mit Hartmetalleinsätzen - Tungsten-carbide scissors
Con punta al carburo di tungsteno - Tijeras de tungsteno
Avec plaquettes en carbure de tungstène



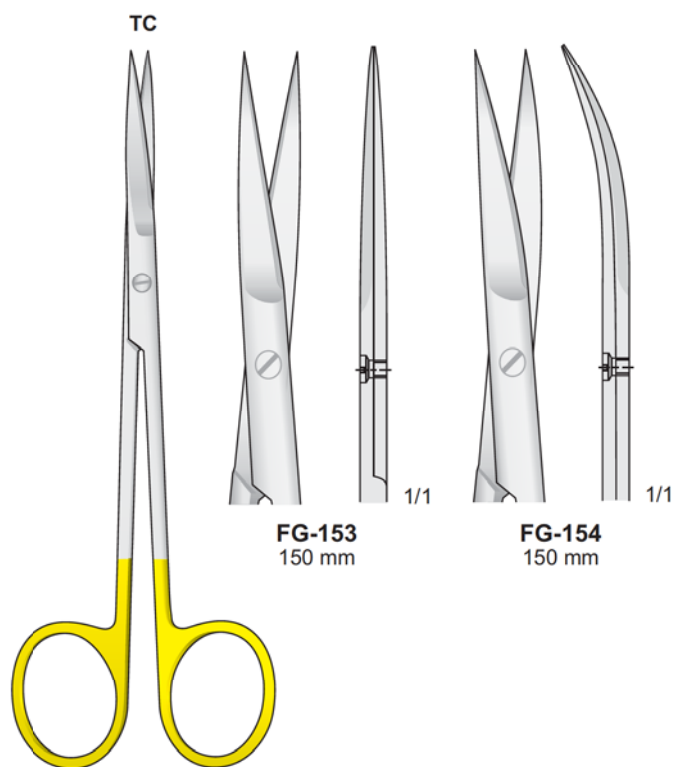
IRIS
FG1-TC/FG2-TC
115 mm



IRIS
FM-100
110 mm



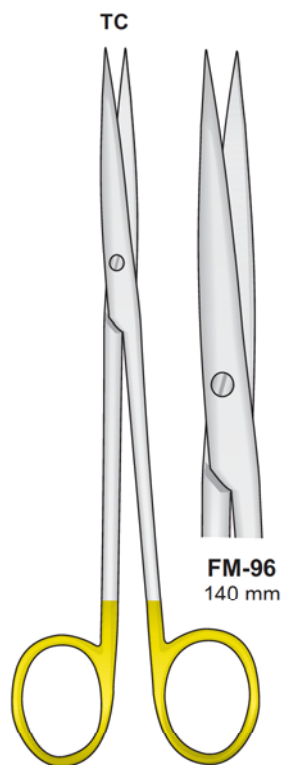
GOLDMAN-FOX
GFC-TC
135 mm



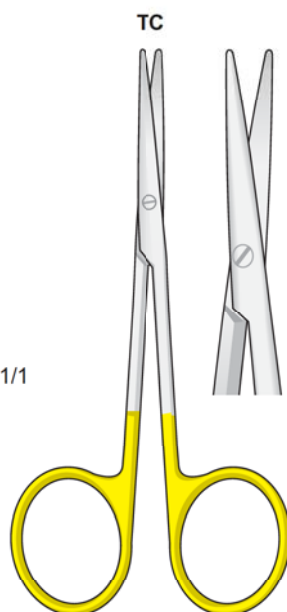
JOSEPH
FG-153/FG-154
150 mm



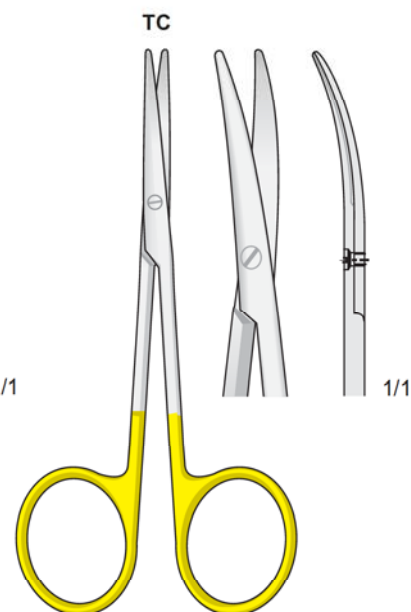
Mit Hartmetalleinsätzen - Tungsten-carbide scissors
Con punta al carburo di tungsteno - Tijeras de tungsteno
Avec plaquettes en carbure de tungstène



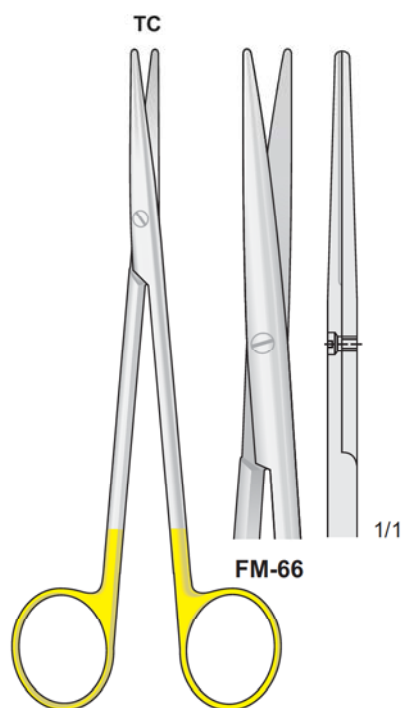
METZENBAUM-FINO
FM-96/FM-98



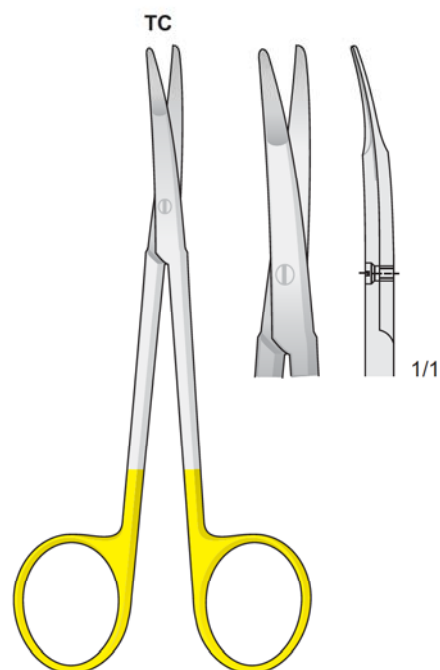
FM-118
115 mm



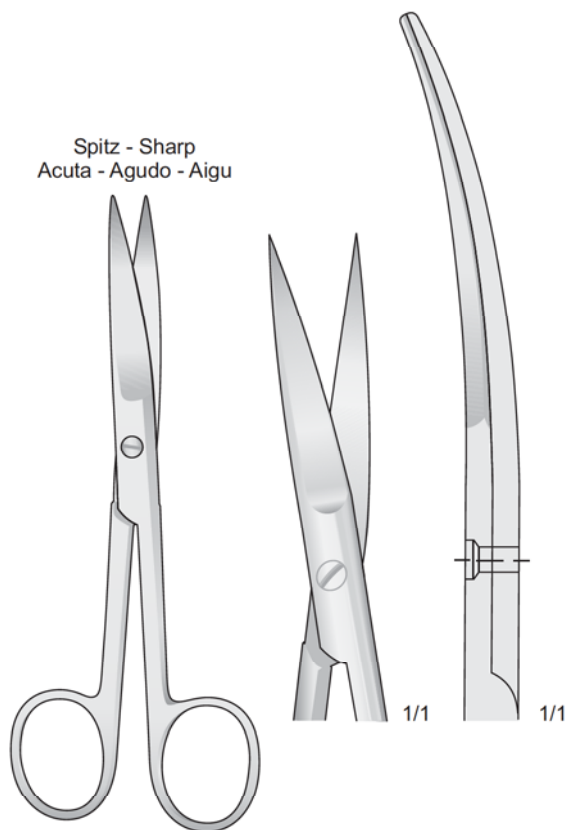
FM-119
115 mm



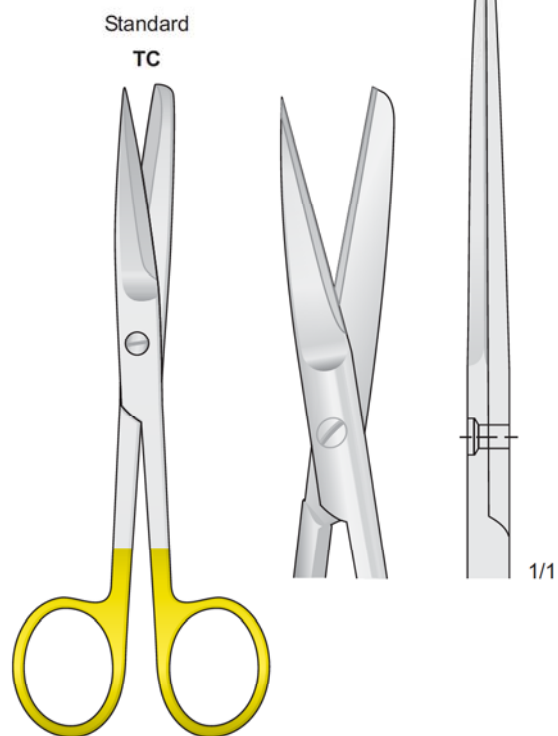
METZENBAUM
FM-66/FM-67
145 mm



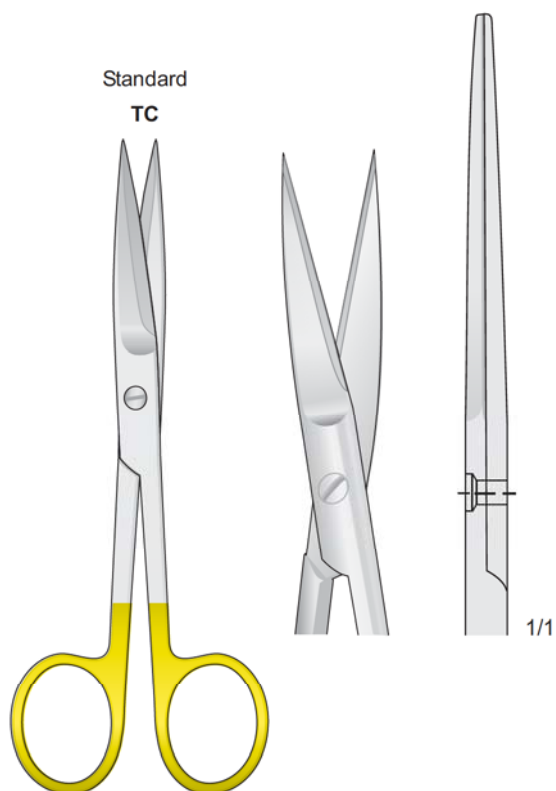
KILNER (RAGNELL)
FM-350
125 mm



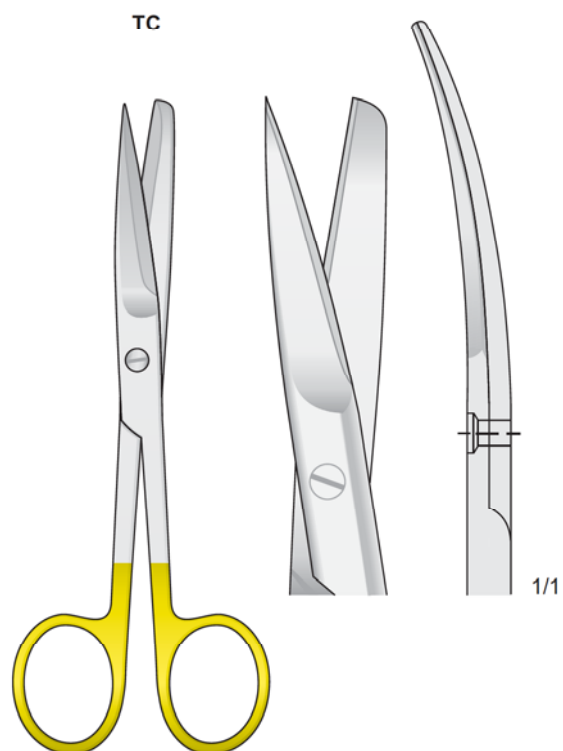
FM-46
185 mm



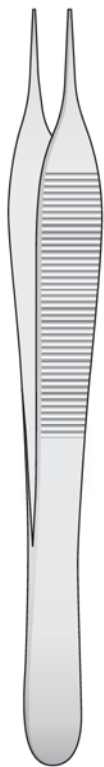
FM-51
145 mm



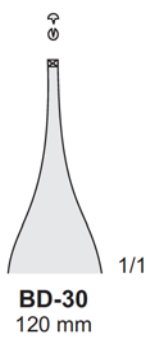
FM-59
145 mm



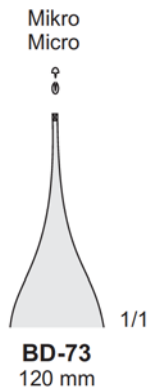
FM-149
145 mm



ADSON
BD-30/BD-73



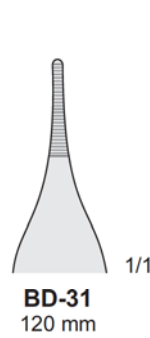
BD-30
120 mm



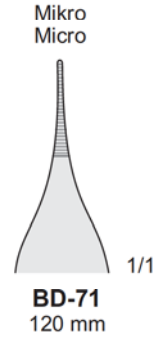
BD-73
120 mm



ADSON
BD-31/BD-71



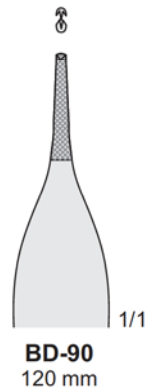
BD-31
120 mm



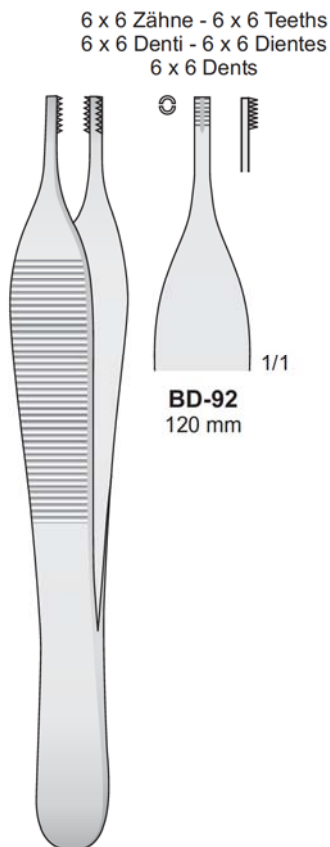
BD-71
120 mm



ADSON
BD-90
120 mm



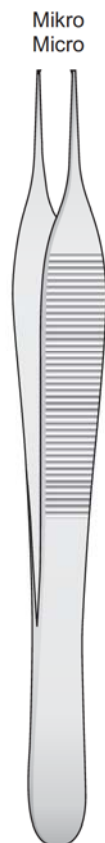
BD-90
120 mm



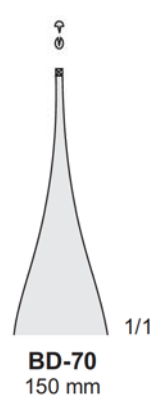
ADSON-BROWN
BD-92
120 mm



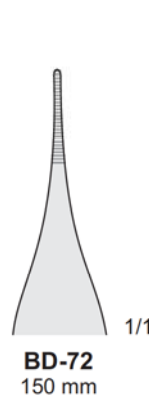
BD-92
120 mm



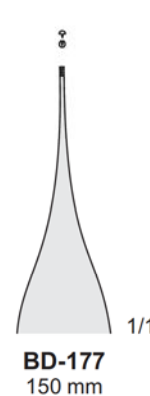
ADSON
BD-70/BD-178
150 mm



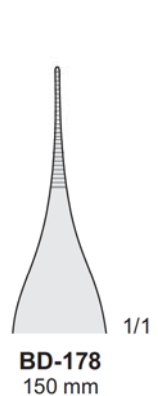
BD-70
150 mm



BD-72
150 mm



BD-177
150 mm



BD-178
150 mm



Micro pinzette

Forceps delicate

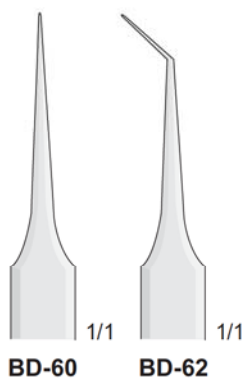
Micro pinzette

Pinzas finos

Micro pincers



BD-60/BD-62
110 mm

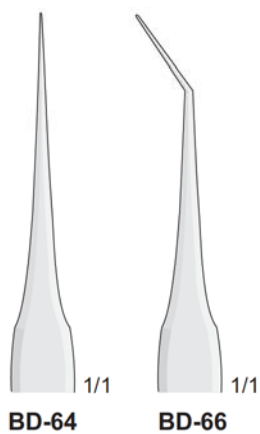


BD-60

BD-62



BD-64/BD-66
110 mm

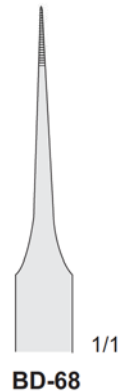


BD-64

BD-66



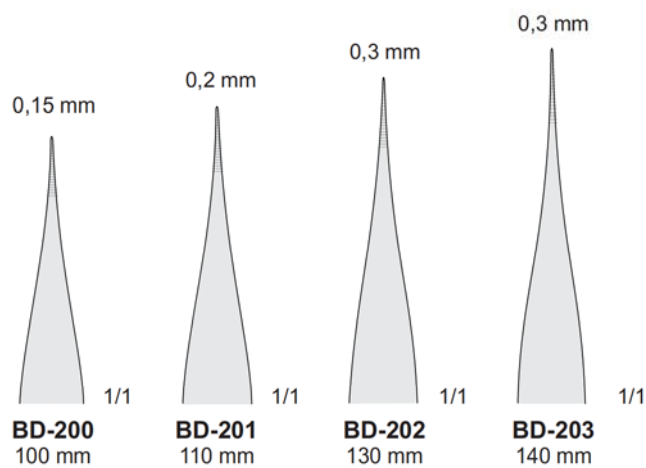
BD-68
90 mm



BD-68



BD-200/BD-203



BD-200
100 mm

BD-201
110 mm

BD-202
130 mm

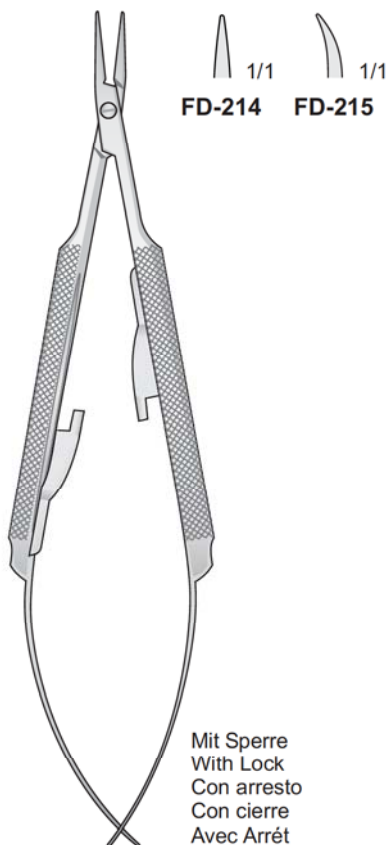
BD-203
140 mm



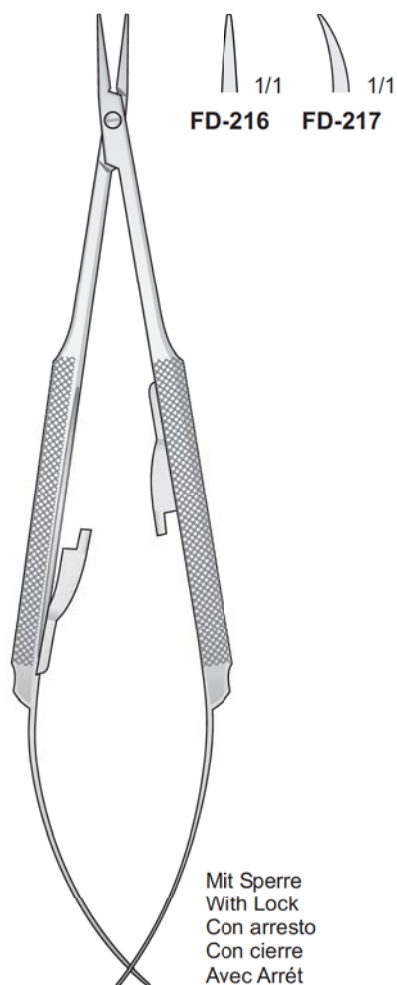
BD-205
115 mm



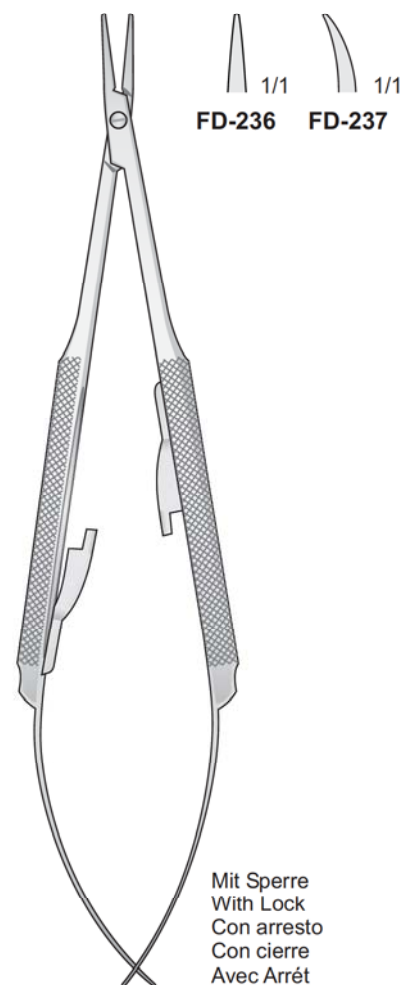
BD-206
115 mm



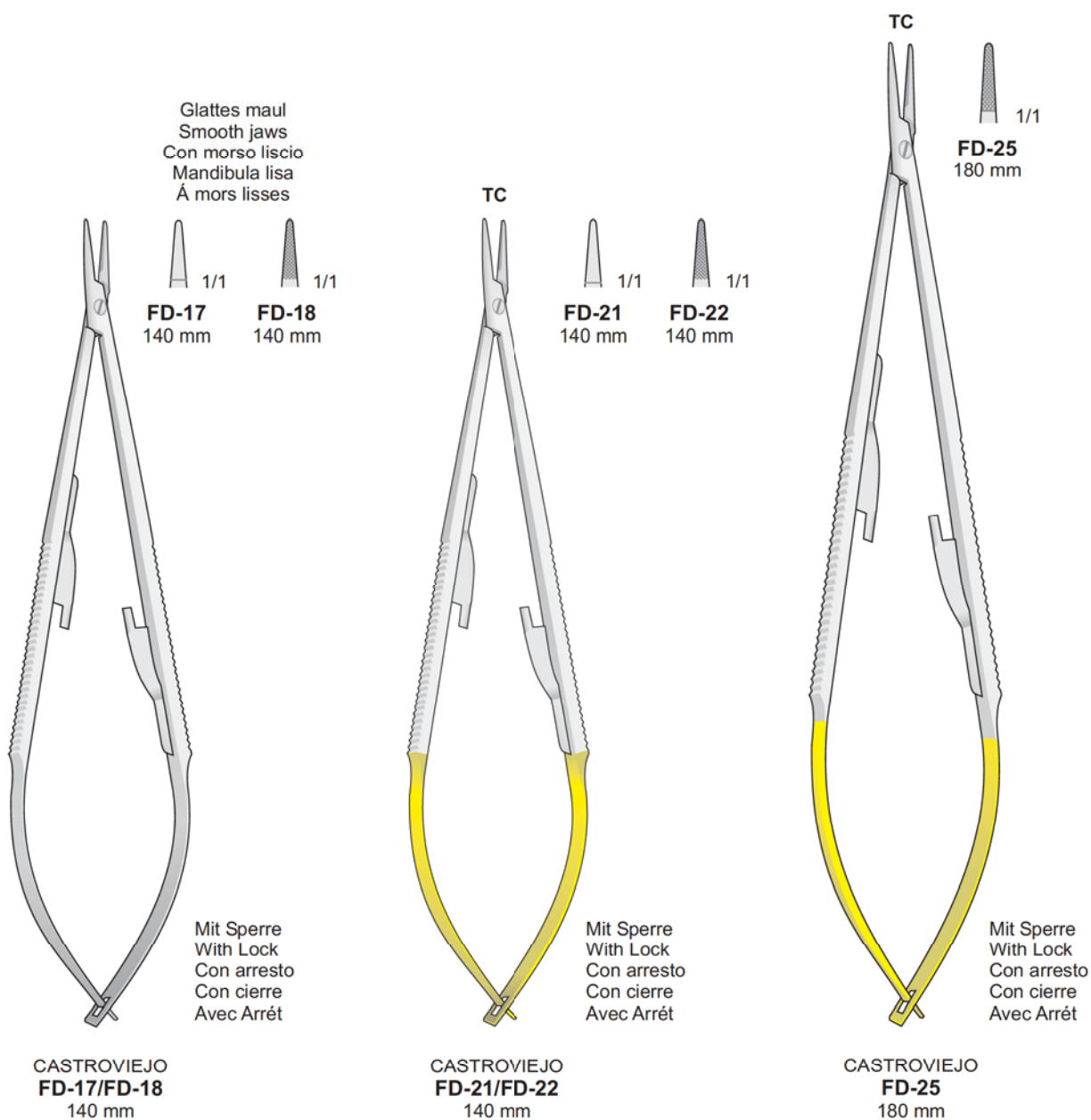
**BARRAQUER
FD-214/FD-215**
125 mm



**BARRAQUER
FD-216/FD-217**
150 mm



**BARRAQUER
FD-236/FD-237**
150 mm





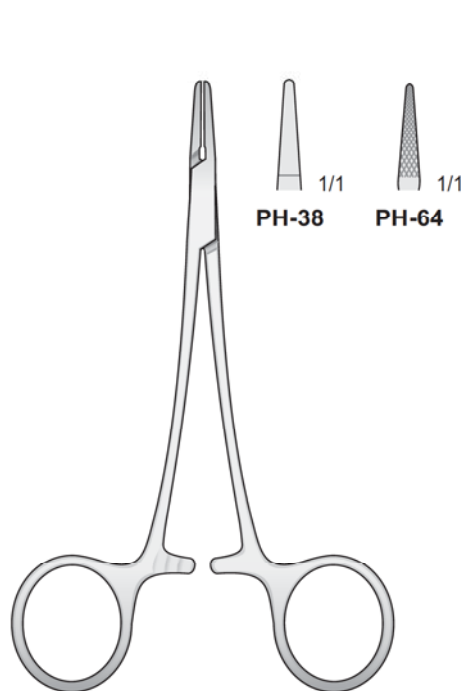
Nadelhalter

Needle Holders

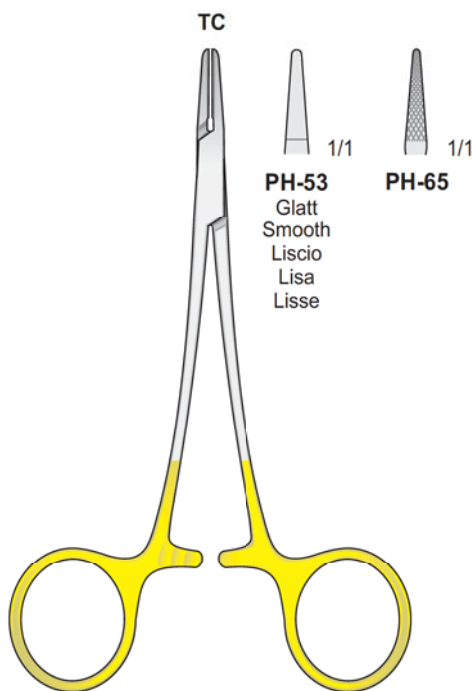
Port'aghi

Portaagujas

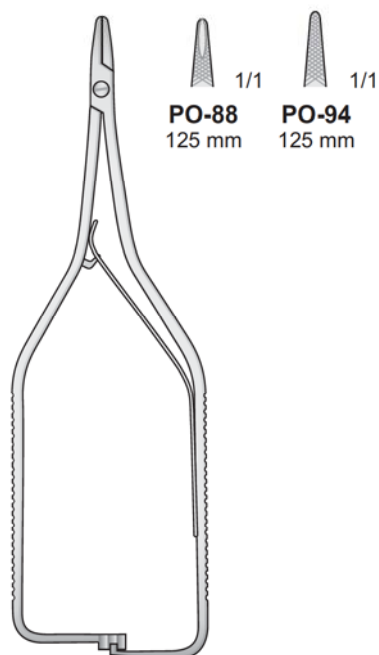
Porte aiguilles



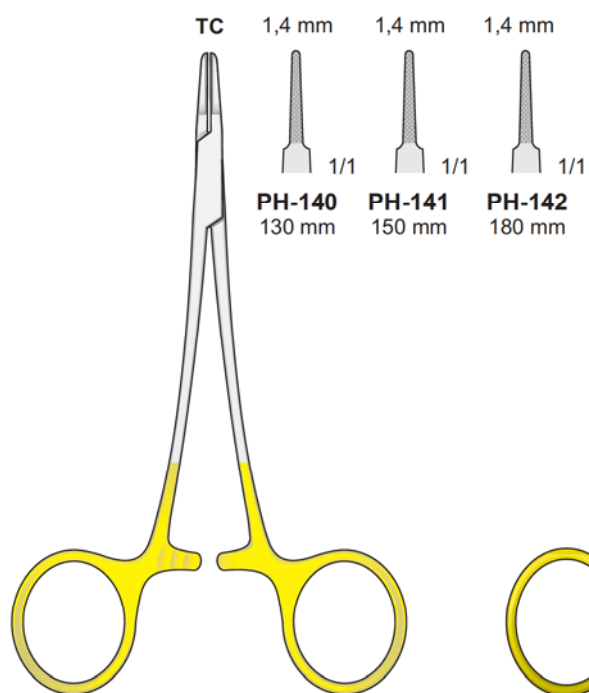
PH-38/PH-64
120 mm



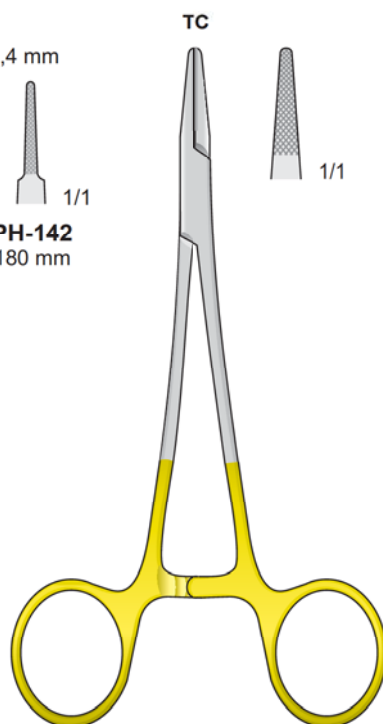
PH-53/PH-65
120 mm



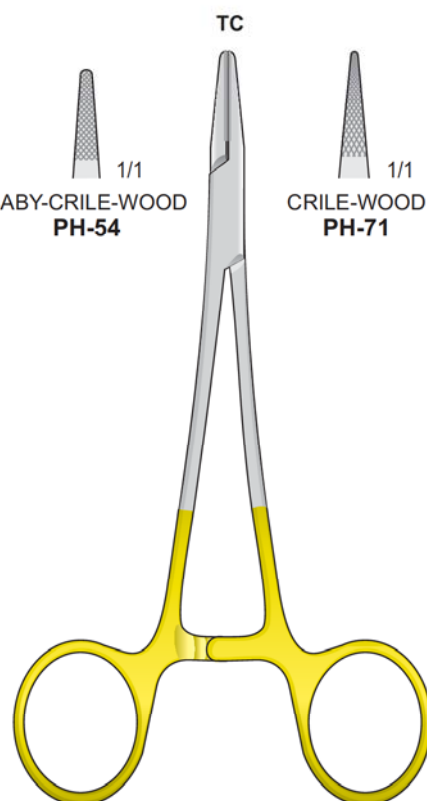
**BOYNTON
PO-88/PO-94**
125 mm



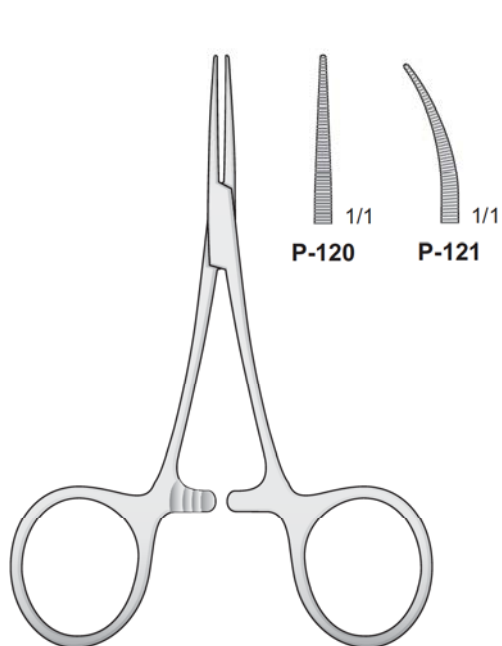
**MICRO-RYDER
PH-140/PH-142**



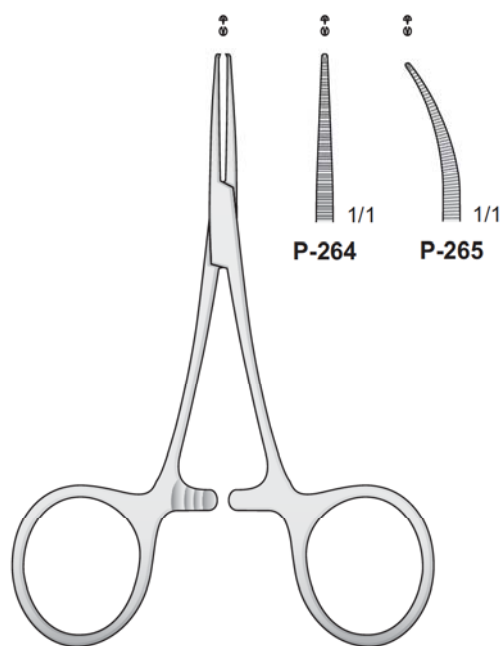
**HALSEY
PH-73**
130 mm



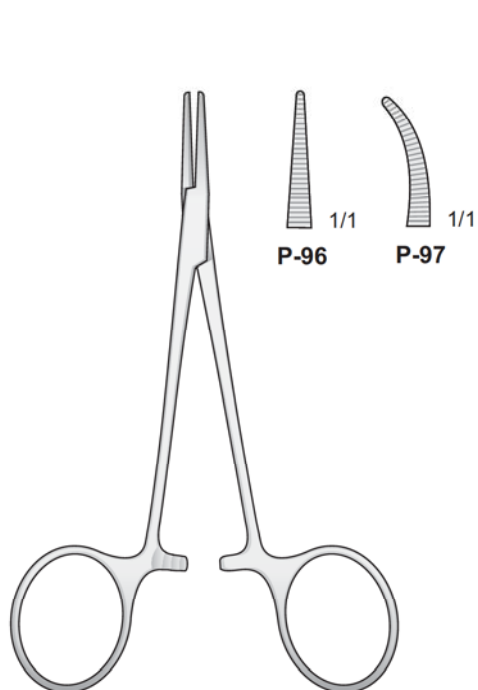
**CRILE-WOOD
PH-54/PH-71**
150 mm



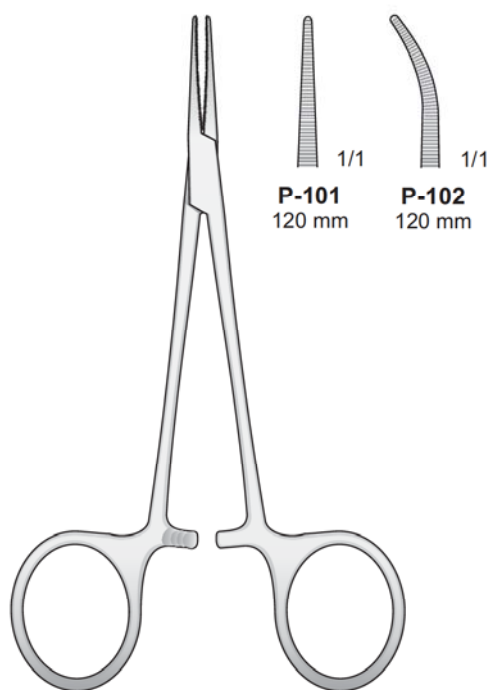
HARTMANN-BABY-MOSQUITO
P-120/P-121
95 mm



HARTMANN-BABY-MOSQUITO
P-264/P-265
95 mm



HALSTED-MOSQUITO
P-96/P-97
120 mm



MICRO-HALSTED
P-101/P-102



Gewebe und organ
Fasszangen

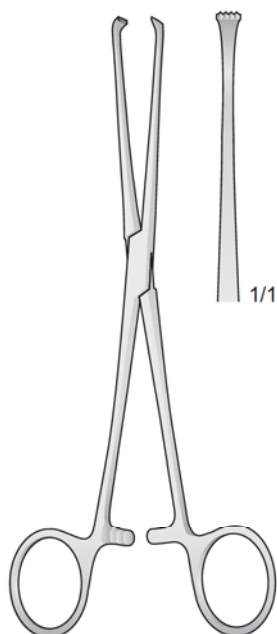
Gum and tissue
forceps

Pinze per afferrare
i tessuti

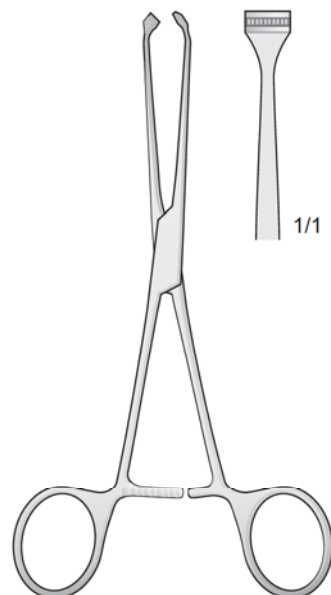
Pinzas para coger las
encías

Pinces pour saisir les
tissus

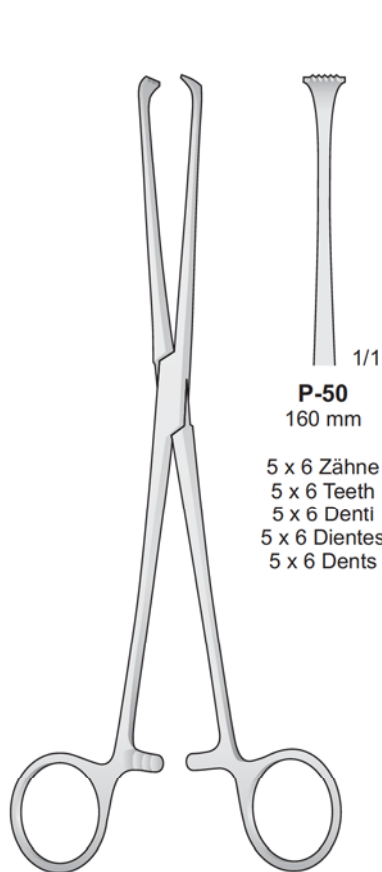
4 x 5 Zähne
4 x 5 Teeth
4 x 5 Denti
4 x 5 Dientes
4 x 5 Dents



BABY-ALLIS
P-100
130 mm



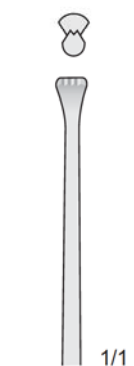
ALLIS
P-52
150 mm



ALLIS
P-50/P-133

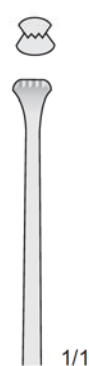
5 x 6 Zähne
5 x 6 Teeth
5 x 6 Denti
5 x 6 Dientes
5 x 6 Dents

P-50
160 mm



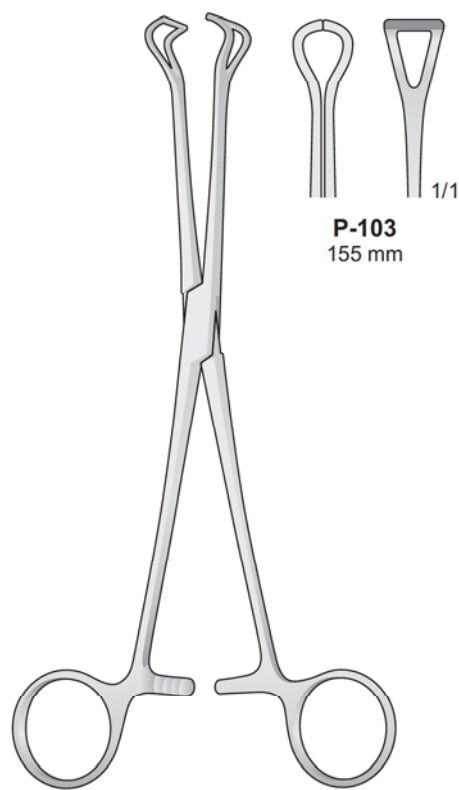
P-132
150 mm

2 x 3 Zähne
2 x 3 Teeth
2 x 3 Denti
2 x 3 Dientes
2 x 3 Dents



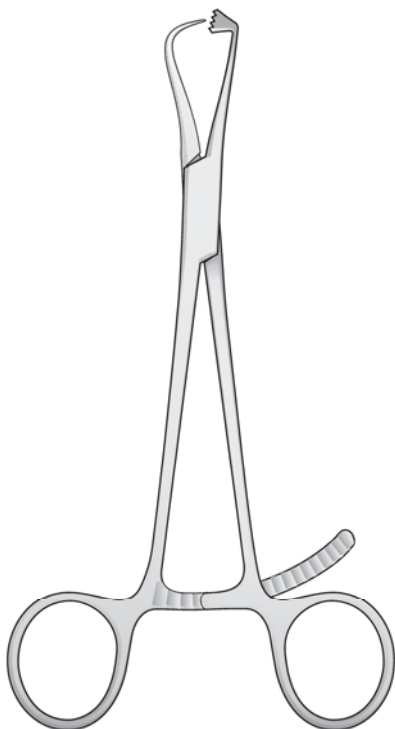
P-133
150 mm

3 x 4 Zähne
3 x 4 Teeth
3 x 4 Denti
3 x 4 Dientes
3 x 4 Dents

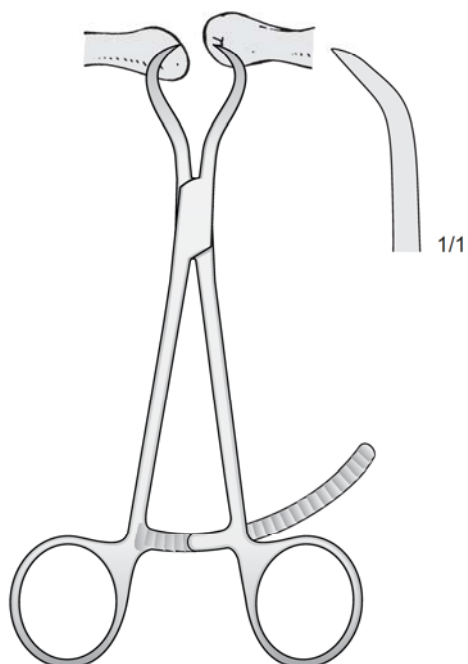


BABCOCK
P-103

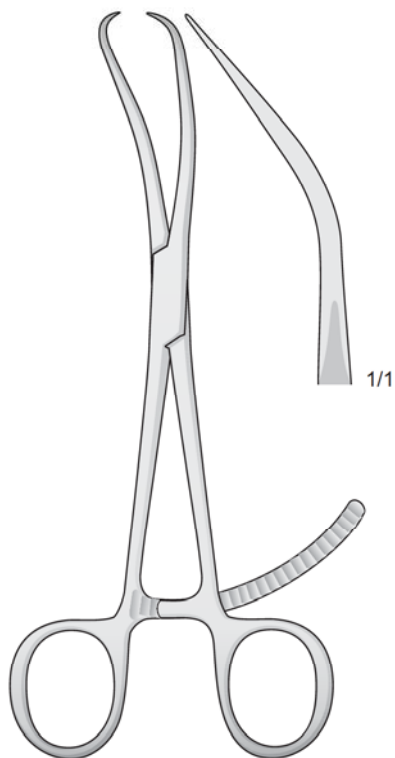
P-103
155 mm

 1/1

LS-78L
125 mm

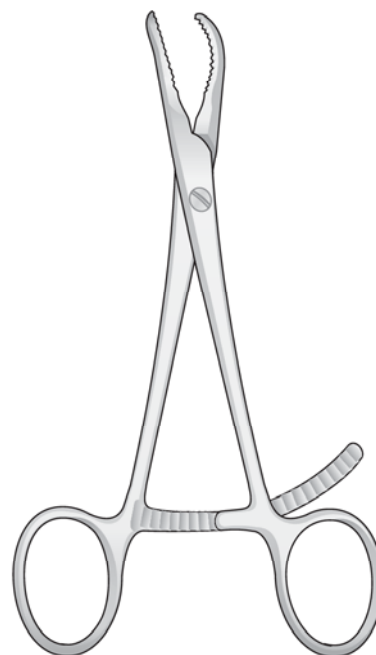


FO-66L
135 mm



REILL
FO-64L
170 mm

Pinza con cremagliera
Forceps with ratchet fixation
Zange mit Zahnsperre
Davier à crémaillère



FO-47L
140 mm



Articolo	Pagina	Articolo	Pagina	Articolo	Pagina
AN-10	204	BT-60	9	BT-378	12
AN-11	204	BT-62	9	BT-379	12
AN-12	204	BT-64	9		
AN-13	204	BT-65	9	BV-07	19
AN-14	204	BT-66	9	BV-09	19
AN-15	204	BT-69	8	BV-11	18
AN-16	204	BT-80	14	BV-13	18
AN-17	204	BT-81	14	BV-14	16
		BT-82	14	BV-15	16
BB-38	184	BT-101	4	BV-16	16
BB-40	184	BT-102	4	BV-17	16
BB-46	184	BT-103	4	BV-18	20
BB-48	184	BT-104	4	BV-19	21
BB-50	184	BT-105	4	BV-20	20
BB-52	184	BT-106	4	BV-21	21
		BT-107	4	BV-22	20
BD-30	216	BT-108	4	BV-23	21
BD-31	216	BT-110	10	BV-24	21
BD-60	217	BT-111	10	BV-25	21
BD-62	217	BT-112	10	BV-26	19
BD-64	217	BT-120	7	BV-27	24
BD-66	217	BT-121	7	BV-28	24
BD-68	217	BT-122	7	BV-35	175
BD-70	216	BT-123	7	BV-55	20
BD-71	216	BT-124	6	BV-56	20
BD-72	216	BT-125	6	BV-68	26
BD-73	216	BT-126	3	BV-69	26
BD-90	216	BT-127	3	BV-70	26
BD-92	216	BT-128	3	BV-71	26
BD-177	216	BT-131	13	BV-72	26
BD-178	216	BT-134	11	BV-73	26
BD-200	217	BT-135	11	BV-74	26
BD-201	217	BT-136	13	BV-75	26
BD-202	217	BT-137	11	BV-76	23
BD-203	217	BT-139	3	BV-77	23
BD-205	217	BT-140	3	BV-78	23
BD-206	217	BT-141	5	BV-79	23
		BT-142	5	BV-80	183
BF-07	209	BT-143	5	BV-82	183
BF-08	209	BT-144	5	BV-84	183
BF-38	209	BT-145	5	BV-85	183
BF-40	209	BT-146	5	BV-86	183
BF-41	209	BT-147	5	BV-90	22
BF-42	209	BT-148	5	BV-91	22
BF-44	209	BT-180	14	BV-92	22
BF-46	209	BT-181	14	BV-93	22
BF-94	209	BT-182	14	BV-100	17
BF-95	209	BT-246	15	BV-103	17
		BT-247	15	BV-108	18
BK-30	168	BT-248	15	BV-109	18
		BT-249	15	BV-110	23
BM-09	153	BT-250	10	BV-111	19
BM-10	153	BT-251	10	BV-112	19
BM-11	153	BT-252	10	BV-117	23
BM-12	153	BT-253	10	BV-118	23
BM-13	153	BT-254	10	BV-119	24
BM-14	153	BT-260	9	BV-120	24
BM-50	154	BT-261	9	BV-121	172
BM-51	154	BT-262	9	BV-122	172
BM-68	154	BT-263	9	BV-123	173
BM-69	154	BT-270	12, 15	BV-124	173
BM-74	154	BT-271	12, 15	BV-160	175
		BT-272	12, 15	BV-161	175
BT-23	6	BT-300	185	BV-163	176
BT-24	6	BT-301	185	BV-164	176
BT-33	8	BT-302	185	BV-165	176
BT-34	8	BT-303	185	BV-166	176
BT-35	8	BT-375	12	BV-167	176
BT-36	8	BT-376	12	BV-168	176
BT-43	8	BT-377	12	BV-169	176



Articolo	Pagina	Articolo	Pagina	Articolo	Pagina
BV-170	176	BV-294T	178	DO-195	77
BV-171	176	BV-295T	178	DO-196	77
BV-172	176	BV-296T	178	DO-197	77
BV-173	176	BV-297T	178	DO-213	188
BV-174	176	BV-298T	178	DO-214	188
BV-175	176	BV-299T	178	DO-215	188
BV-176	176	BV-300T	178	DO-270	190
BV-177	176	BV-301T	178	DO-271	190
BV-178	176	BV-302T	178	DO-272	190
BV-179	176	BV-303T	178	DO-273	190
BV-180	176	BV-304T	178	DO-279	189
BV-181	176	BV-305T	178	DO-280	189
BV-182	176	BV-306T	178	DO-281	189
BV-190	25	BV-307T	178	DO-282	189
BV-191	25	BV-308T	178		
BV-192	25	BV-309T	178	DP-09	99
BV-193	25	BV-310T	178	DP-90	159
BV-201	179	BV-315	17	DP-96	156
BV-202	179	BV-316	17	DP-120	159
BV-203	179	BV-319	174	DP-725	145
BV-204	179	BV-320	174		
BV-205	179	BV-321	174	FD-17	219
BV-206	179	BV-322	174	FD-18	219
BV-207	179	BV-323	174	FD-21	219
BV-208	179	BV-324	174	FD-22	219
BV-209	180	BV-325	174	FD-25	219
BV-210	180	BV-326	174	FD-214	218
BV-211	180	BV-327	174	FD-215	218
BV-212	180	BV-328	174	FD-216	218
BV-213	180	BV-329	174	FD-217	218
BV-214	180	BV-330	174	FD-236	218
BV-215	180	BV-401	171	FD-237	218
BV-216	180	BV-402	171		
BV-229	178	BV-403	171	FF-80	198
BV-249	177	BV-404	171	FF-81	198
BV-250	177	BV-405	171	FF-82	198
BV-251	177	BV-406	171	FF-83	198
BV-252	177			FF-84	198
BV-253	177	DB-177	192	FF-85	198
BV-254	177	DB-178	192	FF-86	198
BV-255	177	DB-179	192	FF-87	198
BV-256	177	DB-180	192	FF-88	198
BV-257	177	DB-181	192	FF-90	201
BV-258	177	DB-182	192	FF-91	201
BV-259	177	DB-183	192	FF-92	201
BV-260	177			FF-102	199
BV-269	177	DO-1	45	FF-103	199
BV-270	177	DO-2	45	FF-104	199
BV-271	177	DO-3	45	FF-105	199
BV-272	177	DO-30	152	FF-106	199
BV-273	177	DO-31	152	FF-107	199
BV-274	177	DO-32	152	FF-108	199
BV-275	177	DO-44	152	FF-109	199
BV-276	177	DO-49	152	FF-110	199
BV-277	177	DO-56	188	FF-111	199
BV-279	177	DO-57	188	FF-120	200
BV-280	177	DO-58	188	FF-121	200
BV-281T	178	DO-79	46	FF-122	200
BV-282T	178	DO-80	46	FF-123	200
BV-283T	178	DO-81	46	FF-124	200
BV-284T	178	DO-82	46	FF-125	200
BV-285T	178	DO-83	46	FF-126	200
BV-286T	178	DO-168	47	FF-127	200
BV-287T	178	DO-169	47	FF-128	200
BV-288T	178	DO-174	188	FF-129	200
BV-289T	178	DO-190	77	FF-130	200
BV-290T	178	DO-191	77	FF-131	200
BV-291T	178	DO-192	77	FF-132	200
BV-292T	178	DO-193	77	FF-133	200
BV-293T	178	DO-194	77	FF-134	200



Articolo	Pagina	Articolo	Pagina	Articolo	Pagina
FF-135	200	FG-202	210	FK-91	155
FF-136	200	FG-203	210	FK-92	155
FF-137	200	FG-204	210	FK-93	35
FF-138	200	FG-205	210	FK-94	47
FF-139	200	FG-206	210	FK-95	47
FF-140	200	FG-207	210	FK-110	52
FF-141	200	FG-208	210	FK-111	52
FF-142	200			FK-112	52
FF-143	200	FK-01	53	FK-113	52
FF-144	200	FK-02	53	FK-114	52
FF-145	200	FK-03	53	FK-115	52
FF-146	200	FK-04	53	FK-116	52
FF-147	69	FK-05	53	FK-117	31
FF-148	69	FK-06	53	FK-118	31
FF-149	69	FK-07	53	FK-119	48
FF-190	181	FK-08	53	FK-120	52
FF-191	181	FK-09	123	FK-121	52
FF-192	181	FK-11	205	FK-122	52
FF-200	181	FK-12	29	FK-123	52
FF-201	181	FK-13	205	FK-124	52
FF-202	181	FK-14	205	FK-125	52
FF-203	181, 182	FK-15	41	FK-126	52
FF-204	182	FK-16	41	FK-127	31
FF-205	181, 182	FK-17	41	FK-128	31
FF-206	181, 182	FK-20	30	FK-130	54
FF-301	186	FK-27	30	FK-131	54
FF-302	186	FK-28	30	FK-132	54
FF-303	186	FK-30	30	FK-133	37
FF-304	186	FK-45	30	FK-134	38
FF-305	186	FK-46	30	FK-135	37
FF-306	186	FK-47	36	FK-136	51
FF-307	186	FK-48	30	FK-137	51
FF-308	186	FK-49	30	FK-138	51
FF-309	187	FK-51	32	FK-139	51
FF-310	187	FK-52	32	FK-140	56
FF-311	187	FK-53	32	FK-141	56
FF-312	187	FK-54	33	FK-142	56
FF-313	187	FK-55	33	FK-143	56
FF-314	187	FK-56	35	FK-144	56
FF-394	202	FK-57	36	FK-145	56
FF-395	202	FK-58	34	FK-147	56
FF-396	202	FK-59	34	FK-148	56
FF-397	202	FK-60	53	FK-149	56
FF-398	202	FK-61	53	FK-150	56
FF-399	202	FK-62	53	FK-151	56
		FK-63	53	FK-152	56
FG-1	211	FK-64	53	FK-153	56
FG-1TC	213	FK-65	53	FK-154	56
FG-2	211	FK-66	53	FK-155	56
FG-2TC	213	FK-67	53	FK-156	44
FG-3	211	FK-68	53	FK-157	44
FG-4	211	FK-69	53	FK-158	44
FG-6C	212	FK-70	49	FK-159	44
FG-13	211	FK-71	49	FK-160	55
FG-14	211	FK-72	50	FK-161	55
FG-15	211	FK-73	50	FK-162	55
FG-19C	212	FK-74	50	FK-163	55
FG-19R	212	FK-75	49	FK-164	36
FG-28	211	FK-76	49	FK-168	36
FG-40	114	FK-77	49	FK-169	36
FG-50	212	FK-78	49	FK-170	55
FG-51	212	FK-79	50	FK-171	55
FG-52	212	FK-80	39	FK-172	55
FG-53	212	FK-81	34	FK-173	55
FG-54	212	FK-82	39	FK-176	35
FG-55	212	FK-83	49	FK-177	50
FG-153	213	FK-84	49	FK-178	50
FG-154	213	FK-85	48	FK-179	35
FG-200	210	FK-86	48	FK-180	55
FG-201	210	FK-90	155	FK-181	55



Articolo	Pagina	Articolo	Pagina	Articolo	Pagina
FK-182	55	FK-289	57	FL-41	75
FK-183	55	FK-290	57	FL-42	75
FK-188	51	FK-291	58	FL-43	75
FK-189	51	FK-292	58	FL-44	75
FK-190	55	FK-293	58	FL-45	75
FK-191	55	FK-294	58	FL-46	75
FK-192	55	FK-295	58	FL-47	75
FK-193	45	FK-296	58	FL-48	75
FK-194	45	FK-297	58	FL-49	75
FK-195	45	FK-298	58	FL-53	74
FK-196	45	FK-299	58	FL-54	74
FK-197	54	FK-300	58	FL-58	74
FK-198	54	FK-301	58	FL-59	77
FK-200	62	FK-302	58	FL-60	77
FK-201	61	FK-303	58	FL-61	77
FK-202	61	FK-304	58	FL-62	77
FK-203	61	FK-305	58	FL-63	78
FK-204	61	FK-306	58	FL-64	78
FK-205	62	FK-307	58	FL-81	78
FK-206	62	FK-308	58	FL-82	78
FK-207	62	FK-310	59	FL-83	78
FK-208	62	FK-311	59	FL-84	85
FK-211	61	FK-312	59	FL-85	85
FK-212	61	FK-313	59	FL-86	85
FK-213	61	FK-314	59	FL-87	85
FK-221	61	FK-315	59	FL-88	85
FK-222	61	FK-316	59	FL-89	85
FK-223	61	FK-317	59	FL-91	78
FK-230	42	FK-318	60	FL-92	78
FK-232	42	FK-319	60	FL-93	78
FK-234	42	FK-320	60	FL-94	75
FK-236	43	FK-321	60	FL-95	75
FK-238	43	FK-322	60	FL-96	75
FK-240	43	FK-323	60	FL-97	75
FK-243	205	FK-324	60	FL-98	75
FK-244	205	FK-325	60	FL-99	75
FK-247	40			FL-100	78
FK-248	40	FL-01	65	FL-101	78
FK-249	40	FL-02	65	FL-102	78
FK-250	40	FL-03	71	FL-103	78
FK-251	40	FL-04	71	FL-104	66
FK-252	39	FL-05	71	FL-105	66
FK-254	40	FL-06	68	FL-106	66
FK-255	40	FL-09	65	FL-107	67
FK-256	40	FL-09R	65	FL-108	67
FK-257	40	FL-10M	65	FL-109	67
FK-258	40	FL-11	65	FL-110	78
FK-259	41	FL-11R	65	FL-111	68
FK-260	39	FL-12	65	FL-112	67
FK-261	39	FL-12R	65	FL-113	68
FK-262	39	FL-13	71	FL-114	71
FK-263	39	FL-14	71	FL-115	71
FK-264	39	FL-15	71	FL-116	71
FK-265	39	FL-16	74	FL-117	78
FK-273	80	FL-17	74	FL-118	71
FK-274	80	FL-18	74	FL-119	78
FK-275	80	FL-20	70	FL-126	71
FK-276	80	FL-21	70	FL-127	71
FK-277	80	FL-22	70	FL-132	71
FK-278	80	FL-23	71	FL-135	71
FK-279	80	FL-24	71	FL-136	71
FK-280	57	FL-29	75	FL-138	71
FK-281	57	FL-30	70	FL-147	41
FK-282	57	FL-31	70	FL-148	41
FK-283	57	FL-32	74	FL-149	41
FK-284	57	FL-33	70	FL-160	76
FK-285	57	FL-34	75	FL-162	76
FK-286	57	FL-35	70	FL-164	76
FK-287	57	FL-36	75	FL-166	76
FK-288	57	FL-40	71	FL-168	76



Articolo	Pagina	Articolo	Pagina	Articolo	Pagina
FL-170	76	FL-269	74	FO-21	101
FL-172	76	FL-270	84	FO-22	100
FL-174	76	FL-272	82	FO-23	100
FL-176	76	FL-280	83	FO-24	100
FL-177	72	FL-281	83	FO-25	102
FL-178	76	FL-282	83	FO-27	102
FL-179	72	FL-283	83	FO-28	106
FL-180	76	FL-284	83	FO-29	106
FL-181	72	FL-285	83	FO-30	106
FL-182	76	FL-286	85	FO-31	106
FL-183	72	FL-287	85	FO-32	106
FL-184	72	FL-288	85	FO-33	102
FL-185	72	FL-289	85	FO-34	106
FL-186	72	FL-307	80	FO-35	106
FL-187	72	FL-308	80	FO-36	109
FL-188	72	FL-309	80	FO-37	103
FL-189	72	FL-310	80	FO-38	109
FL-190	81	FL-311	80	FO-39	103
FL-191	81	FL-312	80	FO-40	113
FL-192	81	FL-340	79	FO-41	112
FL-193	81	FL-341	79	FO-42	112
FL-194	81	FL-342	79	FO-43	102
FL-198	61	FL-343	79	FO-44	95
FL-206	73	FL-344	79	FO-45	103
FL-207	73	FL-345	79	FO-46	91
FL-208	73	FL-346	79	FO-47	91
FL-209	73	FL-347	79	FO-47L	223
FL-210	82	FL-348	79	FO-48	91
FL-211	82	FL-349	79	FO-49	91
FL-212	82	FL-350	79	FO-50	95
FL-213	82	FL-351	79	FO-51	95
FL-214	82	FL-352	79	FO-52	95
FL-215	82	FL-353	79	FO-53	95
FL-216	82	FL-354	79	FO-54	95
FL-220	82	FL-355	79	FO-55	92
FL-221	82	FL-356	79	FO-56	92
FL-222	82	FL-357	79	FO-57	92
FL-223	82	FL-359	79	FO-58	112
FL-224	82	FL-360	79	FO-59	112
FL-225	82	FL-361	79	FO-60	112
FL-226	82	FL-362	79	FO-61	112
FL-230	81	FL-368	73	FO-62	94
FL-231	81			FO-63	114
FL-232	81	FM-1	212	FO-64	90
FL-233	81	FM-2	212	FO-64L	223
FL-234	81	FM-46	215	FO-65	93
FL-240	81	FM-48	211	FO-66	90
FL-241	81	FM-51	215	FO-66L	223
FL-242	81	FM-59	215	FO-67	96
FL-243	81	FM-66	214	FO-68	90
FL-244	81	FM-67	214	FO-69	96
FL-250	84	FM-96	214	FO-71	93
FL-251	84	FM-98	214	FO-72	93
FL-252	84	FM-100	213	FO-73	93
FL-253	69	FM-118	214	FO-74	93
FL-254	69	FM-119	214	FO-75	93
FL-255	69	FM-149	215	FO-76	95
FL-256	69	FM-350	214	FO-78	96
FL-257	69			FO-79	90
FL-258	69	FO-10	102	FO-80	99
FL-259	69	FO-11	103	FO-81	90
FL-260	84	FO-12	103	FO-82	94
FL-261	84	FO-13	103	FO-84	94
FL-262	84	FO-14	103	FO-85	100
FL-263	74	FO-15	101	FO-87	100
FL-264	74	FO-16	101	FO-88	100
FL-265	74	FO-17	101	FO-89	100
FL-266	74	FO-18	101	FO-90	98
FL-267	74	FO-19	101	FO-91	98
FL-268	74	FO-20	106	FO-92	98



Articolo	Pagina	Articolo	Pagina	Articolo	Pagina
FO-93	96	FO-185	197	GF-252	191
FO-94	96	FO-186	197		
FO-96	98	FO-187	197	GFC-TC	213
FO-97	98	FO-188	197		
FO-98	98	FO-189	197	KI-00	117
FO-99	98	FO-191	108	KI-01	117
FO-100	193	FO-193	108	KI-02	117
FO-101	193	FO-194	108	KI-10	143
FO-102	193	FO-195	108	KI-14	117
FO-103	193	FO-196	108	KI-15	117
FO-104	193	FO-197	108	KI-16	117
FO-105	94	FO-198	108	KI-17	117
FO-106	96	FO-199	109	KI-18	117
FO-107	104	FO-200	110	KI-20	117
FO-108	112	FO-201	194	KI-22	117
FO-109	104	FO-202	194	KI-25	117
FO-110	97	FO-203	194	KI-29	118
FO-111	98	FO-204	194	KI-30	117
FO-112	97	FO-205	194	KI-31	118
FO-113	98	FO-212	194	KI-32	118
FO-114	97	FO-213	194	KI-33	118
FO-115	97	FO-215	194	KI-34	118
FO-116	97	FO-217	89	KI-35	118
FO-117	193	FO-220	100	KI-36	118
FO-118	193	FO-222	195	KI-37	118
FO-119	193	FO-223	195	KI-38	118
FO-120	193	FO-224	195	KI-39	118
FO-121	193	FO-225	195	KI-40	117
FO-122	193	FO-231	104	KI-41	117
FO-123	193	FO-232	104	KI-42	117
FO-124	193	FO-233	104	KI-43	117
FO-125	195	FO-234	104	KI-44	117
FO-126	195	FO-236	97	KI-45	117
FO-127	195	FO-237	97	KI-46	117
FO-128	195	FO-240	91	KI-47	117
FO-129	195	FO-241	91	KI-48	117
FO-130	89	FO-242	91	KI-49	117
FO-131	89	FO-299	99	KI-50	120
FO-133	89	FO-300	99	KI-51	120
FO-134	89			KI-52	120
FO-135	107	FR-20	150	KI-53	120
FO-138	105	FR-23	150	KI-54	120
FO-139	105	FR-24	150	KI-55	120
FO-140	109	FR-25	150	KI-56	120
FO-145	107	FR-26	150	KI-57	120
FO-147	104	FR-27	150	KI-58	120
FO-148	107	FR-28	150	KI-60	118
FO-149	104	FR-29	150	KI-61	118
FO-156	105	FR-30	150	KI-62	118
FO-157	105			KI-63	118
FO-158	113	GF-140	191	KI-64	118
FO-159	99	GF-141	191	KI-65	118
FO-160	110	GF-141B	191	KI-66	118
FO-161	110	GF-142	191	KI-67	118
FO-167	105	GF-142B	191	KI-68	118
FO-168	105	GF-143	191	KI-69	118
FO-169	105	GF-144	191	KI-70	118
FO-170	105	GF-150	191	KI-71	118
FO-171	196	GF-151	191	KI-72	118
FO-172	196	GF-151B	191	KI-74	118
FO-173	196	GF-152	191	KI-75	118
FO-174	196	GF-152B	191	KI-76	118
FO-175	196	GF-153	191	KI-77	118
FO-176	107	GF-154	191	KI-78	118
FO-178	112	GF-240	191	KI-80	118
FO-180	197	GF-241	191	KI-82	118
FO-181	197	GF-242	191	KI-85	118
FO-182	197	GF-242B	191	KI-90	118
FO-183	197	GF-243	191	KI-99	117
FO-184	197	GF-244	191	KI-100	117



Articolo	Pagina	Articolo	Pagina	Articolo	Pagina
KI-102	117	KI-256	120	LS-41	128
KI-114	117	KI-258	120	LS-42	128
KI-115	117	KI-260	120	LS-43	128
KI-116	117	KI-262	120	LS-44	128
KI-117	117	KI-264	120	LS-45	128
KI-118	117	KI-280	120	LS-46	128
KI-120	117	KI-282	120	LS-47	128
KI-122	117	KI-284	120	LS-48	128
KI-125	117	KI-286	120	LS-49	128
KI-130	117	KI-288	120	LS-50	128
KI-160	120	KI-290	120	LS-51	129
KI-161	120	KI-293	121	LS-52	129
KI-175	122	KI-294	121	LS-53	129
KI-176	122	KI-295	121	LS-54	129
KI-177	122	KI-296	121	LS-55	129
KI-178	122	KI-297	121	LS-56	129
KI-179	122	KI-298	121	LS-57	129
KI-180	122	KI-300	122	LS-58	129
KI-181	122	KI-301	122	LS-59	129
KI-182	122	KI-306	123	LS-60	129
KI-183	122	KI-307	123	LS-73	140
KI-184	122	KI-308	123	LS-74	140
KI-185	122	KI-322	138	LS-75	140
KI-186	122	KI-330	121	LS-76	148
KI-187	122	KI-331	121	LS-78	148
KI-188	122	KI-332	121	LS-78L	223
KI-189	122	KI-333	121	LS-80	140
KI-190	122	KI-334	121	LS-81	140
KI-191	122	KI-335	121	LS-82	140
KI-192	122	KI-336	121	LS-83	140
KI-193	122			LS-84	140
KI-194	122	KO-1	29	LS-85	140
KI-195	122	KO-2	29	LS-90	139
KI-196	122			LS-91	139
KI-197	122	LB-361	184	LS-92	139
KI-198	122	LB-362	184	LS-93	139
KI-199	122	LB-363	184	LS-94	142
KI-202	138	LB-364	184	LS-95	142
KI-203	138	LB-365	184	LS-96	142
KI-204	138	LB-366	184	LS-97	142
KI-205	138	LB-367	184	LS-98	142
KI-206	138	LB-368	184	LS-100	123
KI-207	138	LB-369	184	LS-101	148
KI-208	138			LS-102	148
KI-209	138	LS-06	143	LS-103	148
KI-210	138	LS-07	143	LS-104	148
KI-211	138	LS-08	143	LS-105	148
KI-212	138	LS-09	143	LS-106	123
KI-220	119	LS-10	126	LS-110	138
KI-221	119	LS-11	126	LS-112	142
KI-222	119	LS-12	126	LS-113	142
KI-223	119	LS-13	126	LS-114	142
KI-224	119	LS-14	126	LS-115	142
KI-225	119	LS-15	126	LS-116	141
KI-226	119	LS-16	126	LS-117	141
KI-227	119	LS-17	126	LS-119	141
KI-228	119	LS-20	127	LS-120	131
KI-229	119	LS-21	127	LS-121	141
KI-230	121	LS-22	127	LS-122	148
KI-231	121	LS-23	127	LS-123	148
KI-232	121	LS-24	127	LS-124	141
KI-233	119	LS-25	127	LS-125	130
KI-238	121	LS-26	127	LS-126	130
KI-240	121	LS-27	127	LS-127	130
KI-242	121	LS-28	127	LS-128	137
KI-244	121	LS-29	127	LS-135	130
KI-246	121	LS-30	127	LS-136	130
KI-248	121	LS-32	126	LS-137	130
KI-252	120	LS-33	126	LS-138	130
KI-254	120	LS-40	128	LS-139	130



Articolo	Pagina	Articolo	Pagina	Articolo	Pagina
LS-140	130	LS-394	125	OR-17	145
LS-199	144	LS-400	149	OR-18	147
LS-200	144	LS-405	149	OR-19	145
LS-201	144	LS-406	149		
LS-202	144	LS-407	160	P-50	222
LS-222	134	LS-408	160	P-52	222
LS-224	134	LS-409	160	P-96	221
LS-227	132	LS-410	149	P-97	221
LS-228	132			P-100	222
LS-229	132	LX-80	158	P-101	221
LS-230	134	LX-82	162	P-102	221
LS-231	134, 135	LX-92TC	162	P-103	222
LS-232	134	LX-95TC	162	P-120	221
LS-233	132	LX-96TC	162	P-121	221
LS-234	134	LX-99	162	P-132	222
LS-235	135	LX-101	163	P-133	222
LS-236	132, 133	LX-102	163	P-264	221
LS-237	133	LX-103	163	P-265	221
LS-238	133	LX-104	164		
LS-239	133	LX-105	164	PH-38	220
LS-240	131	LX-106	164	PH-53	220
LS-241	132, 133	LX-107	165	PH-54	220
LS-242	131	LX-108	111	PH-55	161
LS-244	131	LX-109	111	PH-56	161
LS-300	205	LX-110	111	PH-57	161
LS-301	205	LX-111	111	PH-58	161
LS-302	205	LX-113	167	PH-64	220
LS-303	205	LX-114	167	PH-65	220
LS-310	136	LX-115	167	PH-71	220
LS-311	136	LX-116	111	PH-73	220
LS-312	136	LX-120	168	PH-140	220
LS-313	136	LX-121	168	PH-141	220
LS-314	136	LX-122	168	PH-142	220
LS-315	136	LX-123	168		
LS-316	137	LX-125	159	PO-88	220
LS-317	137	LX-126	166	PO-94	220
LS-318	137	LX-130	157		
LS-320	135	LX-131	157	TG-40	70
LS-321	135	LX-134	156	TG-41	70
LS-322	135	LX-135	156		
LS-323	135	LX-136	156	TR-76	151
LS-324	135	LX-137	156	TR-77	151
LS-325	135	LX-138	157	TR-78	151
LS-326	135	LX-139	157		
LS-329	135	LX-140	157	VF-98	165
LS-330	135	LX-141	157	VF-98M	165
LS-370	124	LX-150	166		
LS-371	124	LX-151	166	VH-20	158
LS-372	124			VH-21	158
LS-373	124	NK-1	184	VH-23	158
LS-374	124	NK-2	184	VH-25	158
LS-375	124	NK-31	203	VH-40	159
LS-376	124	NK-33	203		
LS-377	124	NK-35	203	WG-10	29
LS-378	124	NK-37	203	WG-12	29
LS-379	124	NK-50	203	WG-14	29
LS-380	124	NK-51	203		
LS-381	124	NK-52	203		
LS-382	124	NK-53	203		
LS-383	124	NK-54	203		
LS-384	124	NK-55	203		
LS-385	125	NK-56	203		
LS-386	125	NK-57	203		
LS-387	125				
LS-388	125	OR-11	145		
LS-389	125	OR-12	146		
LS-390	125	OR-13	145		
LS-391	125	OR-14	146		
LS-392	125	OR-15	145		
LS-393	125	OR-16	147		