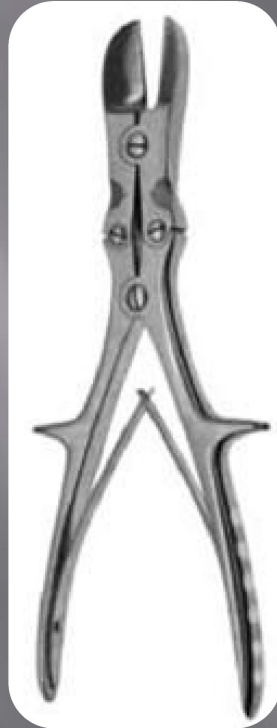


# Ghuffi instrumentos



Orthopädie  
Bone surgery  
Cirugía ósea

18



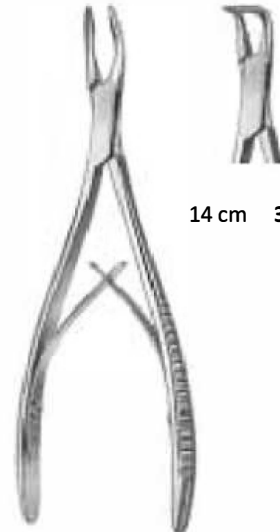
FRIEDMAN Mini

12 cm 31001-12



FRIEDMAN

14 cm 31002-14



FRIEDMAN

15 cm 31003-0-15

14 cm 31003-1-14



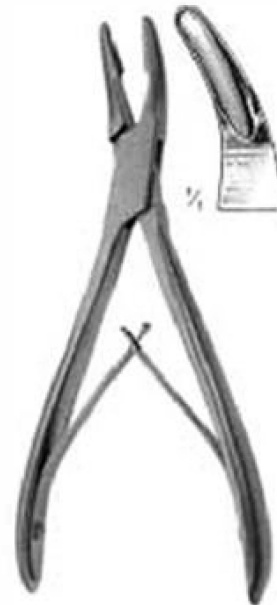
CLEVELAND

14 cm/ Fig.4 31004-14



CLEVELAND

17 cm/ Fig. 4A 31005-17



MEAD

16 cm/ Fig. 1A 31006-16



MEAD

16,5 cm 31007-16



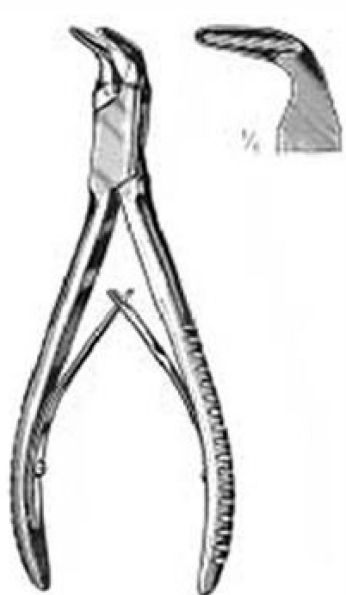
BLUMENTHAL

15,5 cm 31008-15



BLUMENTHAL

15,5 cm 31009-15



BLUMENTHAL

15,5 cm 31010-15



LUER

15 cm 31011-15



LUER

15 cm 31012-15



LUER

31013-0-17 17,0 cm 31013-1-17



ADSON  
31014-0-20 20,0 cm 31014-1-20



OLIVECRONA  
20 cm 31015-20



LEMPERT  
31016-0-16 16,0 cm 31016-1-16



LEMPERT  
31017-0-18 18,5 cm 31017-1-18



BEYER

18 cm 31018-18



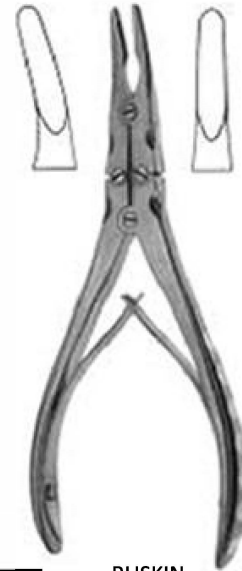
ZAUFAL-JANSEN

18 cm 31019-18



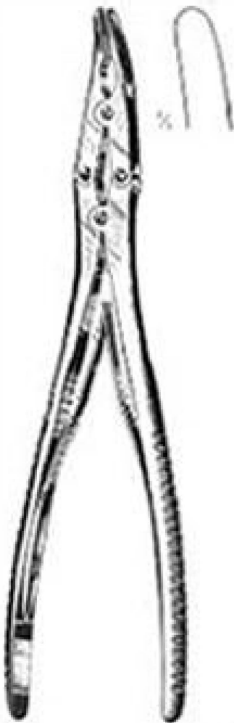
BÖHLER

31020-0-02 15,0 cm / 2 mm  
 31020-0-03 15,0 cm / 3 mm



RUSKIN

31021-0-18 18,0 cm 31021-1-18



RUSKIN

31022-0-23 23,0 cm 31022-1-23



STILLE-LUER

22,0 cm 31023-1-22  
 31023-0-26 26,0 cm 31023-1-26



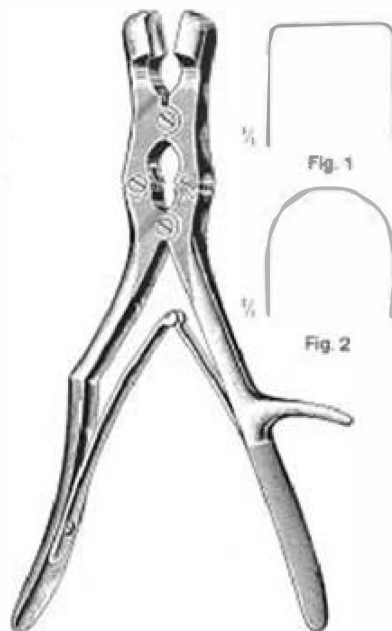
STILLE-LUER

23 cm 31024-24



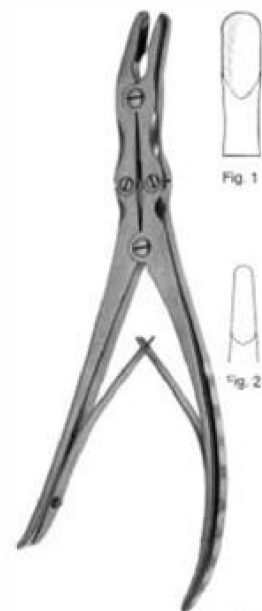
STILLE-RUSKIN

23 cm 31025-23



SAUERBRUCH

30 cm/Fig.1 31026-1  
 30 cm/Fig.2 31026-2



LEKSELL (STILLE)

Fig.1/23,0 cm / 8 mm 31027-1  
 Fig.2/23,0 cm / 4 mm 31027-2



SCAGLIETTI

R L  
 31028-0-26 26,0 cm 31028-1-26



FRYKHOLM

24 cm 31029-24



ECHLIN

23 cm/2 mm 31030-2  
 23 cm/3 mm 31030-3  
 23 cm/4 mm 31030-4



**SEMB**

22,5 cm **31031-1-22**  
 27,0 cm **31031-1-27**



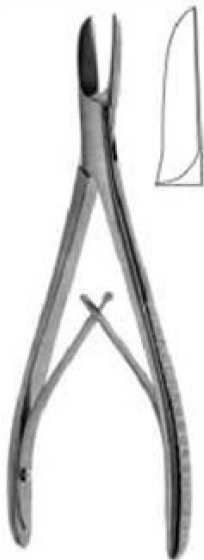
**LISTON**

**31032-0-14** 14,0 cm **31032-1-14**  
**31032-0-17** 17,0 cm **31032-1-17**  
**31032-0-19** 19,0 cm **31032-1-19**  
**31032-0-22** 22,0 cm **31032-1-22**



**BÖHLER**

**31033-0-15** 15,0 cm **31033-1-15**



**COTTLE-KAZANJIAN**

19 cm **31034-19**



**RUSKIN-LISTON**

**31035-0-18** 18,5 cm **31035-1-18**



**STILLE-LISTON**

**31036-0-27** 27,0 cm **31036-1-27**



STILLE-HORSLEY

27 cm **31037-27**



SEMB

24 cm **31038-24**





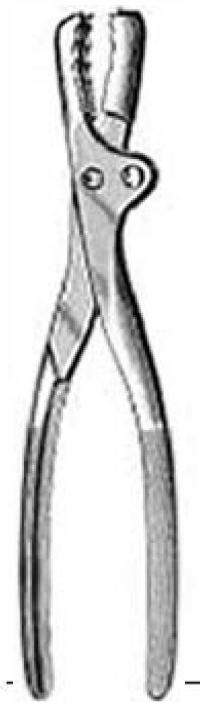
FERGUSSON  
21 cm **31039-21**



LANGENBECK  
21 cm **31040-21**



SEMB  
19 cm **31041-19**



FARABEUF  
23 cm **31042-23**  
26 cm **31042-26**



FARABEUF-LAMBOTTE

26 cm **31043-26**



LAMBOTTE

22 cm **31044-22**  
27 cm **31044-27**  
30 cm **31044-30**



LAMBOTTE

22 cm **31045-22**  
26 cm **31045-26**  
33 cm **31045-33**



LAMBOTTE

19 cm **31046-19**  
23 cm **31046-23**  
26 cm **31046-26**

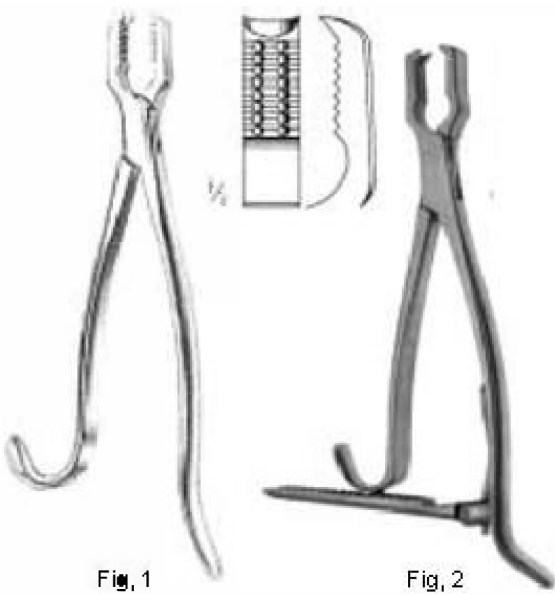
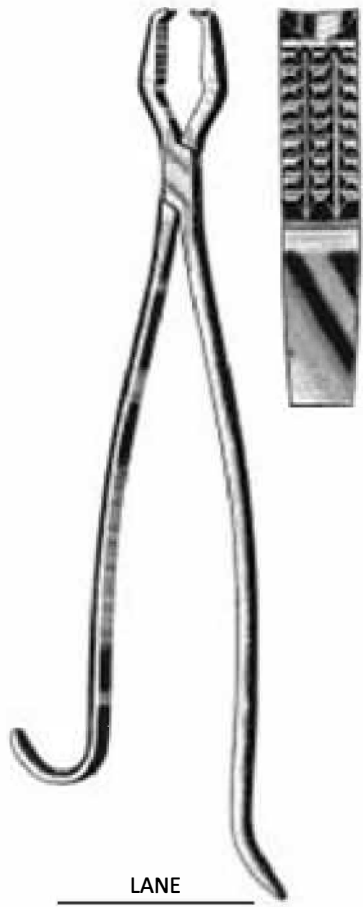


Fig. 1

Fig. 2



LANE

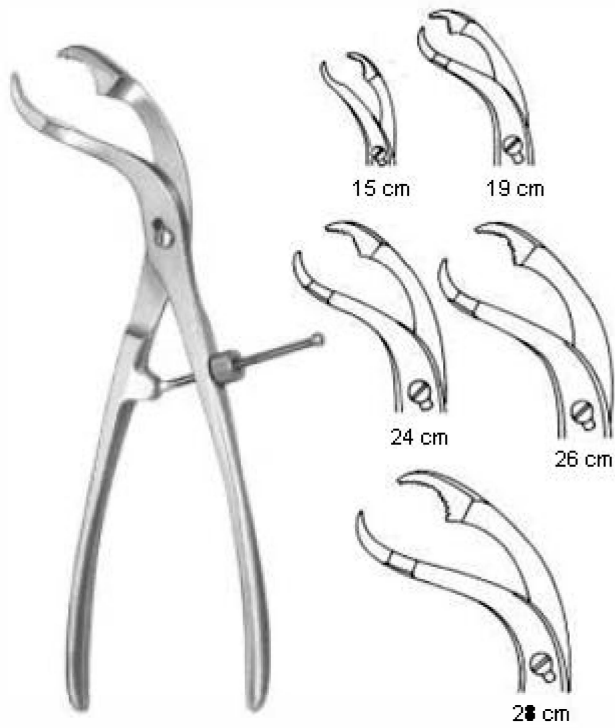
- 33 cm **31048-33**
- 45 cm **31048-45**

KERN			
	Fig.1		Fig.2
	<b>31047-0-15</b>	15 cm	<b>31047-1-15</b>
	<b>31047-0-17</b>	17 cm	<b>31047-1-17</b>
	<b>31047-0-21</b>	21 cm	<b>31047-1-21</b>



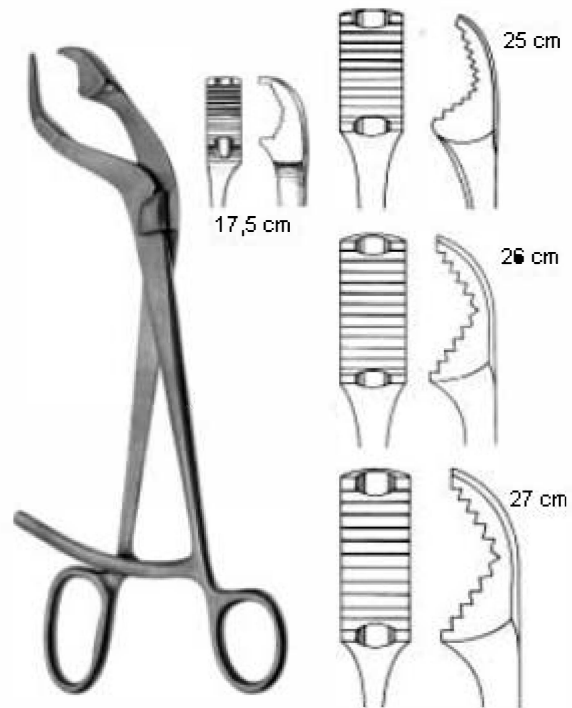
LANE

- 33 cm **31049-33**
- 45 cm **31049-45**



- 
- 15 cm **31050-15**
  - 19 cm **31050-19**
  - 24 cm **31050-24**
  - 26 cm **31050-26**
  - 28 cm **31050-28**

Selbstzentrierend  
 Self-centering  
 Auto centrado



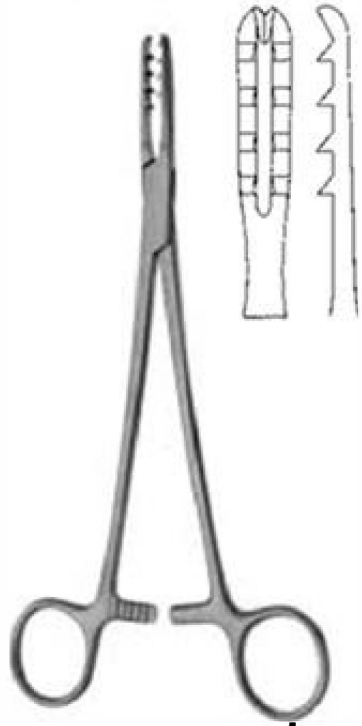
**VERBRUGGE**

- 
- 17,5 cm **31051-17**
  - 25,0 cm **31051-25**
  - 26,0 cm **31051-26**
  - 27,0 cm **31051-27**



**LEWIN**

17,5 cm 31052-17



**BIRCHER-GANSKE**

31053-0-20 20,0 cm 31053-1-20



**DINGMANN**

19 cm 31054-19



13,5 cm 31055-13



**MARTIN**

19 cm 31056-19



31057-0-20 20,0 cm 31057-1-20



**VAN BUREN**

23 cm 31058-23



LOWMAN

13 cm **31059-13**  
 18,5 cm **31059-18**  
 20 cm **31059-20**



GERSTER

**31060-0**



PARHAM

**31061-0**



PARHAM

18 cm **31062-18**  
 30 cm **31062-30**

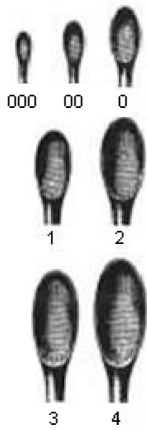


für Erwachsene **31063-1**

adult size  
 talla adulto

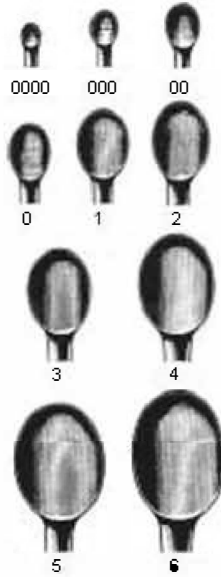
für Kinder **31063-2**

childe size  
 talla niños



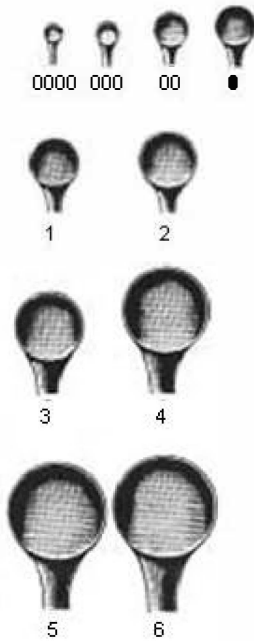
SCHIEDA

- Fig.000 **31064-000**
- Fig.00 **31064-00**
- Fig.0 **31064-0**
- Fig.1 **31064-1**
- Fig.2 **31064-2**
- Fig.3 **31064-3**
- Fig.4 **31064-4**



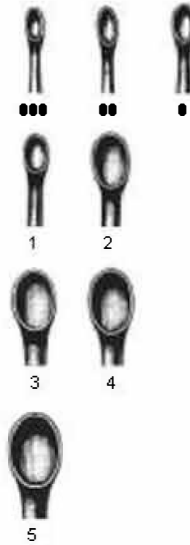
VOLKMANN

- Fig.0000 **31065-0000**
- Fig.000 **31065-000**
- Fig.00 **31065-00**
- Fig.0 **31065-0**
- Fig.1 **31065-1**
- Fig.2 **31065-2**
- Fig.3 **31065-3**
- Fig.4 **31065-4**
- Fig.5 **31065-5**
- Fig.6 **31065-6**



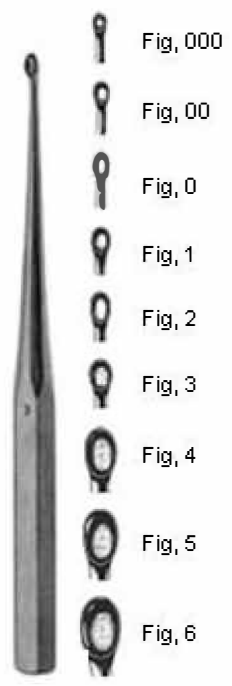
BRUNS

- Fig.0000 **31066-0000**
- Fig.000 **31066-000**
- Fig.00 **31066-00**
- Fig.0 **31066-0**
- Fig.1 **31066-1**
- Fig.2 **31066-2**
- Fig.3 **31066-3**
- Fig.4 **31066-4**
- Fig.5 **31066-5**
- Fig.6 **31066-6**



SPRATT

- Fig. 0000 **31067-0000**
- Fig.000 **31067-000**
- Fig.00 **31067-00**
- Fig.0 **31067-0**
- Fig.1 **31067-1**
- Fig.2 **31067-2**
- Fig.3 **31067-3**
- Fig.4 **31067-4**
- Fig.5 **31067-5**

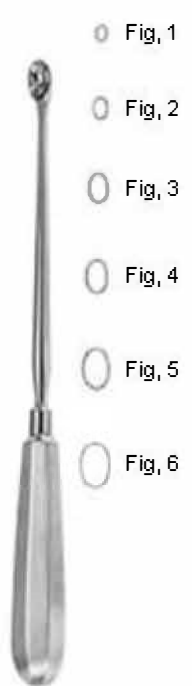


**BRUNS**

---

23,0 cm

Fig.000 **31068-000**  
 Fig.00 **31068-00**  
 Fig.0 **31068-0**  
 Fig.1 **31068-1**  
 Fig.2 **31068-2**  
 Fig.3 **31068-3**  
 Fig.4 **31068-4**  
 Fig.5 **31068-5**  
 Fig.6 **31068-6**

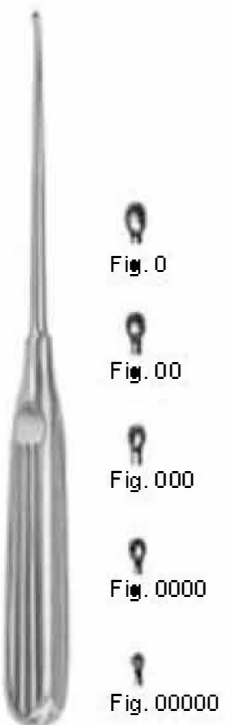


**SIMON**

---

24,0 cm

Fig.1 **31069-1**  
 Fig.2 **31069-2**  
 Fig.3 **31069-3**  
 Fig.4 **31069-4**  
 Fig.5 **31069-5**  
 Fig.6 **31069-6**



**LEMPERT**

---

17,5 cm

Fig.0 **31070-0**  
 Fig.00 **31070-00**  
 Fig.000 **31070-000**  
 Fig.0000 **31070-0000**  
 Fig.00000 **31070-00000**



**HALLE**

---

21,0 cm

Fig.1 **31071-1**  
 Fig.2 **31071-2**  
 Fig.3 **31071-3**

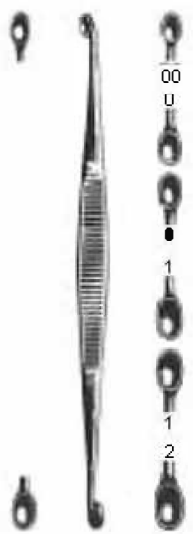




**VOLKMANN**  
 13,0 cm **31072-13**  
 16,0 cm **31072-16**  
 20,0 cm **31072-20**



**VOLKMANN**  
 13,0 cm **31073-13**  
 14,0 cm **31073-14**  
 17,0 cm **31073-17**



**WILLIGER**  
 13,5 cm  
 Fig. 00/0 **31074-0**  
 Fig. 0/1 **31074-1**  
 Fig. 1/2 **31074-2**



**MARTINI**  
 13,5 cm  
 Fig. 00/0 **31075-0**  
 Fig. 0/1 **31075-1**  
 Fig. 1/2 **31075-2**



13,5 cm

- 4 mm **31076-4**
- 8 mm **31076-8**
- 10 mm **31076-10**
- 12 mm **31076-12**
- 14 mm **31076-14**
- 16 mm **31076-16**



13,5 cm

- 4 mm **31077-4**
- 6 mm **31077-6**
- 8 mm **31077-8**
- 10 mm **31077-10**
- 12 mm **31077-12**
- ~~14 mm **31077-14**~~
- 16 mm **31077-16**



13,5 cm

- 4 mm **31078-4**
- 8 mm **31078-8**
- 10 mm **31078-10**
- 12 mm **31078-12**
- 14 mm **31078-14**
- 16 mm **31078-16**



ALEXANDER

17,0 cm

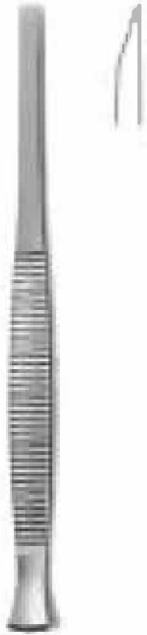
- 4 mm **31079-4**
- 6 mm **31079-6**
- 8 mm **31079-8**
- 10 mm **31079-10**
- 12 mm **31079-12**
- 14 mm **31079-14**
- 16 mm **31079-16**



ALEXANDER

17,0 cm

- 4 mm **31080-4**
- 6 mm **31080-6**
- 8 mm **31080-8**
- 10 mm **31080-10**
- 12 mm **31080-12**
- 14 mm **31080-14**
- 16 mm **31080-16**



PARTSCH			
13,5 cm		17,0 cm	
<b>31081-0-2</b>	2 mm	<b>31081-1-2</b>	
<b>31081-0-3</b>	3 mm	<b>31081-1-3</b>	
<b>31081-0-4</b>	4 mm	<b>31081-1-4</b>	
<b>31081-0-5</b>	5 mm	<b>31081-1-5</b>	
<b>31081-0-6</b>	6 mm	<b>31081-1-6</b>	
<b>31081-0-7</b>	7 mm	<b>31081-1-7</b>	
<b>31081-0-8</b>	8 mm	<b>31081-1-8</b>	



PARTSCH			
13,5 cm		17,0 cm	
<b>31082-0-2</b>	2 mm	<b>31082-1-2</b>	
<b>31082-0-3</b>	3 mm	<b>31082-1-3</b>	
<b>31082-0-4</b>	4 mm	<b>31082-1-4</b>	
<b>31082-0-5</b>	5 mm	<b>31082-1-5</b>	
<b>31082-0-6</b>	6 mm	<b>31082-1-6</b>	
<b>31082-0-7</b>	7 mm	<b>31082-1-7</b>	
<b>31082-0-8</b>	8 mm	<b>31082-1-8</b>	



STILLE	
20,0 cm	
10 mm	<b>31083-10</b>
15 mm	<b>31083-15</b>
20 mm	<b>31083-20</b>
25 mm	<b>31083-25</b>



STILLE	
20,0 cm	
10 mm	<b>31084-10</b>
15 mm	<b>31084-15</b>
20 mm	<b>31084-20</b>
25 mm	<b>31084-25</b>



STILLE	
20,0 cm	
10 mm	<b>31085-10</b>
15 mm	<b>31085-15</b>
20 mm	<b>31085-20</b>
25 mm	<b>31085-25</b>



SMITH-PETERSEN

20 cm

- 6 mm **31086-6**
- 9 mm **31086-9**
- 13 mm **31086-13**
- 16 mm **31086-16**
- 19 mm **31086-19**
- 25 mm **31086-25**
- 32 mm **31086-32**



SMITH-PETERSEN

20 cm

- 6 mm **31087-6**
- 9 mm **31087-9**
- 13 mm **31087-13**
- 16 mm **31087-16**
- 19 mm **31087-19**
- 25 mm **31087-25**
- 32 mm **31087-32**



SMITH-PETERSEN

20 cm

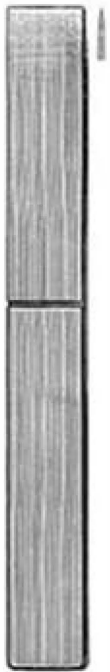
- 6 mm **31088-6**
- 9 mm **31088-9**
- 13 mm **31088-13**
- 16 mm **31088-16**
- 19 mm **31088-19**
- 25 mm **31088-25**
- 32 mm **31088-32**



SMITH-PETERSEN

20 cm

- 6 mm **31089-6**
- 9 mm **31089-9**
- 13 mm **31089-13**
- 16 mm **31089-16**
- 19 mm **31089-19**
- 25 mm **31089-25**
- 32 mm **31089-32**



**LAMBOTTE**

24 cm

- 6,5 mm **31090-6**
- 15,0 mm **31090-15**
- 20,0 mm **31090-20**
- 25,0 mm **31090-25**
- 30,0 mm **31090-30**
- 38,0 mm **31090-38**
- 44,0 mm **31090-44**



**LAMBOTTE**

23 cm

- 6,5 mm **31091-6**
- 15,0 mm **31091-15**
- 20,0 mm **31091-20**
- 25,0 mm **31091-25**
- 30,0 mm **31091-30**
- 38,0 mm **31091-38**
- 44,0 mm **31091-44**



**LAMBOTTE mini**

12,5 cm

- 3 mm **31092-3**
- 4 mm **31092-4**
- 6 mm **31092-6**
- 8 mm **31092-8**
- 10 mm **31092-10**
- 12 mm **31092-12**
- 15 mm **31092-15**



Fig. 1



Fig. 2

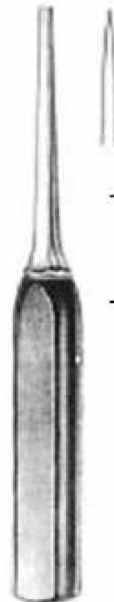
**LEXER**

Fig.1/ 22,0 cm

- 7 mm **31093-0-7**
- 10 mm **31093-0-10**
- 15 mm **31093-0-15**
- 20 mm **31093-0-20**
- 25 mm **31093-0-25**
- 30 mm **31093-0-30**

Fig.2/22 cm

- 7 mm **31093-1-7**
- 10 mm **31093-1-10**
- 15 mm **31093-1-15**
- 20 mm **31093-1-20**
- 25 mm **31093-1-25**
- 30 mm **31093-1-30**



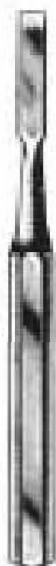
**LEXER mini**

- 4 mm **31094-4**
- 6 mm **31094-6**
- 8 mm **31094-8**
- 10 mm **31094-10**
- 12 mm **31094-12**



**LEXER mini**

- 4 mm **31095-4**
- 6 mm **31095-6**
- 8 mm **31095-8**
- 10 mm **31095-10**
- 12 mm **31095-12**



**HOKE**

**17 cm**

3 mm **31096-3**  
 5 mm **31096-5**  
 6 mm **31096-6**  
 8 mm **31096-8**  
 9 mm **31096-9**



**HIBBS**

**24 cm**

6 mm **31097-6**  
 13 mm **31097-13**  
 19 mm **31097-19**  
 25 mm **31097-25**  
 32 mm **31097-32**



**HIBBS**

**24 cm**

6 mm **31098-6**  
 13 mm **31098-13**  
 19 mm **31098-19**  
 25 mm **31098-25**  
 32 mm **31098-32**



**HIBBS**

**24 cm**

6 mm **31099-6**  
 13 mm **31099-13**  
 19 mm **31099-19**  
 25 mm **31099-25**  
 32 mm **31099-32**



**HIBBS**

**24 cm**

6 mm **31100-6**  
 13 mm **31100-13**  
 19 mm **31100-19**  
 25 mm **31100-25**  
 32 mm **31100-32**



**HIBBS**

**24 cm**

6 mm **31101-6**  
 13 mm **31101-13**  
 19 mm **31101-19**  
 25 mm **31101-25**  
 32 mm **31101-32**

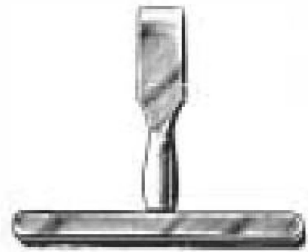


LEBSCHKE

24,5 cm 31102-24



22 cm 31103-22



VIRCHOW

31104-0



BURNETTI

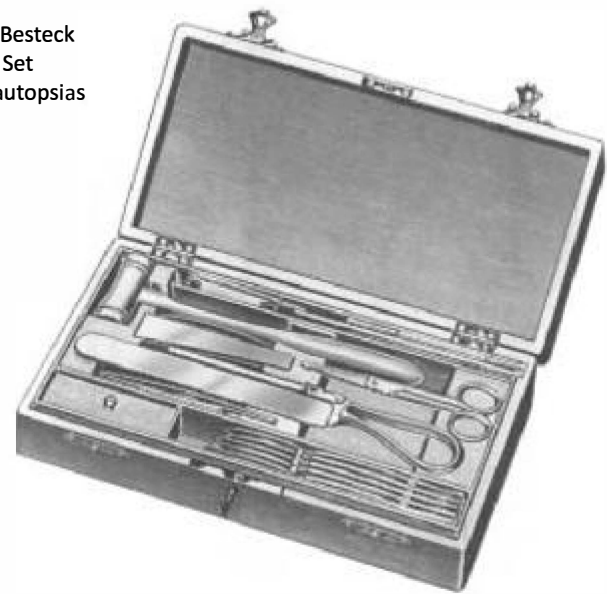
28 cm 31105-28



BURNETTI

28 cm 31106-28

Autopsie-Besteck  
Necropsy Set  
Set para autopsias



31107-0



GERZOG

18 cm/250 g **31108-18**



KIRK

19 cm/750 g **31109-19**



26,5 cm/450 g **31110-1**  
26,5 cm/900 g **31110-2**



COLLIN

20 cm /220 g **31111-20**



WILLIGER

24 cm /340 g **31112-24**





LUCAE

19,0 cm/260 g **31113-19**



MEAD

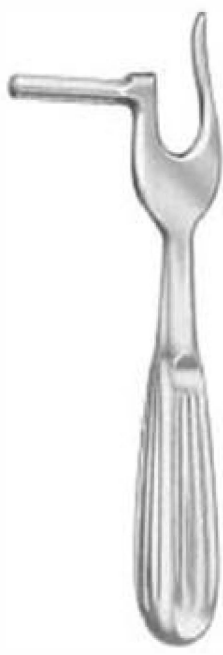
17 cm /320 g **31114-17**

Ersatzbacken (Paar)  
Spare Faces (Pair)  
Cabezas de repuesto (parejas)

**31114-1**



26,0 cm/250 g **31115-1**  
26,0 cm/400 g **31115-2**

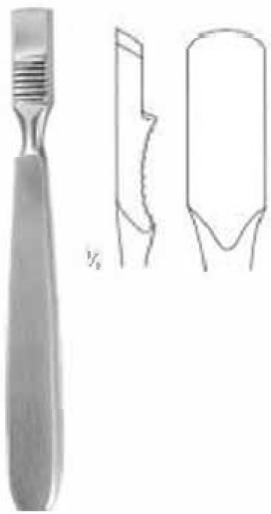


QUISLING

**31116-0**

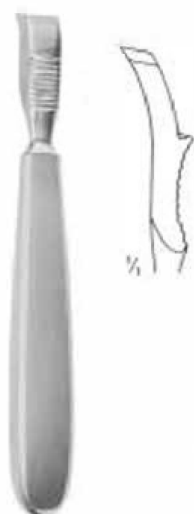


23,5 cm **31117-23**



FARABEU

15 cm **31118-15**



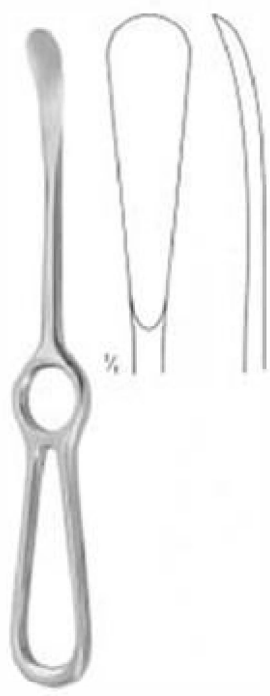
FARABEU

15 cm **31119-15**



LAMBOTTE

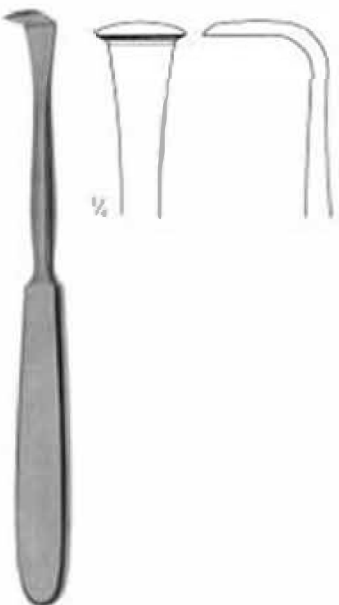
21 cm



SEDILLOT

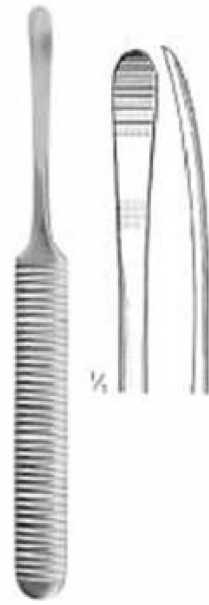
21 cm **31121-21**

10 mm **31120-10**  
 15 mm **31120-15**  
 20 mm **31120-20**  
 25 mm **31120-25**



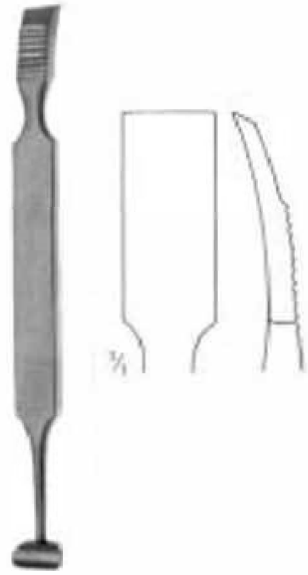
LANGENBECK

18 cm **31122-18**



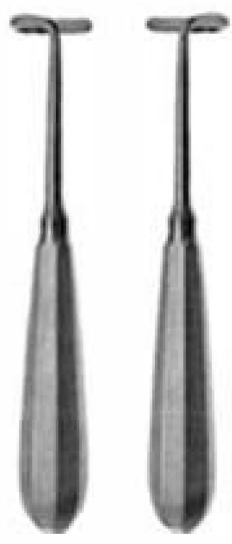
WILLIGER

16 cm **31123-16**



ALEXANDER

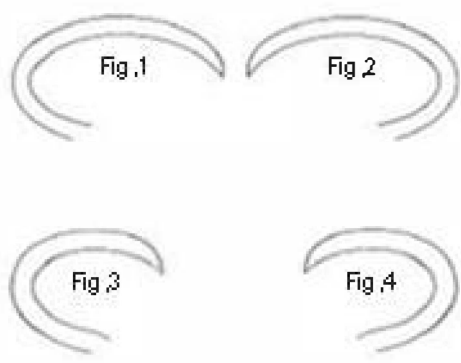
16 cm **31124-16**  
 20 cm **31124-20**



DOYEN

17 cm

- Fig.1 **31125-1**
- Fig.2 **31125-2**
- Fig.3 **31125-3**
- Fig.4 **31125-4**



für Rippen  
 Rib  
 para costillas



Fig. 1    Fig. 2    Fig. 3    Fig. 4    Fig. 5    Fig. 6    Fig. 7

SEMB

- Fig.1/17,5 cm **31126-1**
- Fig.2/21,0 cm **31126-2**
- Fig.3/17,5 cm **31126-3**
- Fig.4/21,0 cm **31126-4**
- Fig.5/20,5 cm **31126-5**
- Fig.6/20,5 cm **31126-6**
- Fig.7/22,5 cm **31126-7**



MATSON

22 cm **31127-22**



OVERHOLT

29,5 cm **31128-29**



OVERHOLT

29,5 cm **31129-29**



OVERHOLT

28,5 cm **31130-28**



LANGENBECK

20 cm **31131-20**



LANGENBECK

20 cm **31132-20**



ADSON

17 cm

- Fig.1 **31133-1**
- Fig.2 **31133-2**
- Fig.3 **31133-3**
- Fig.4 **31133-4**



KEY

19,0 cm

- 6 mm **31134-6**
- 12 mm **31134-12**
- 19 mm **31134-19**
- 25 mm **31134-25**



WATSON-CHEYNE

17,5 cm **31135-17**



McDONALD

19 cm **31136-19**



MURPHY-LANE

30 cm 31137-30



BENNETT

65 x 260 mm 31138-1



BENNETT

45 x 260 mm 31139-1



HOHMANN

8 mm 31140-8



HOHMANN

18 mm 31141-18



HOHMANN

43 mm 31142-43



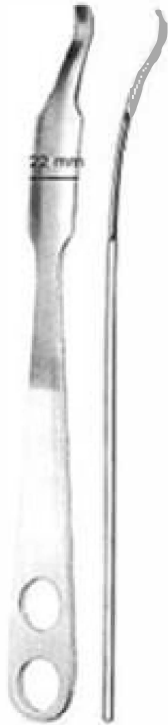
HOHMANN

70 mm 31143-70



**HOHMANN**

43 mm **31144-43**



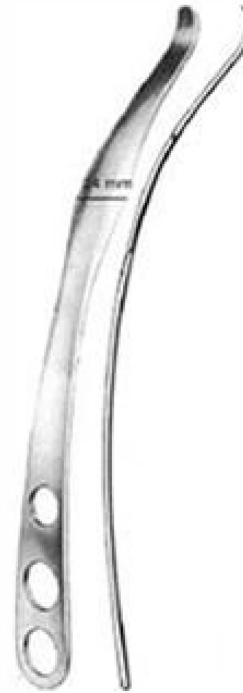
**HOHMANN**

22 mm **31145-22**



**HOHMANN**

33 mm **31146-33**



**HOHMANN**

24 mm **31147-24**



**HOHMANN**

22 mm **31148-22**



6 mm



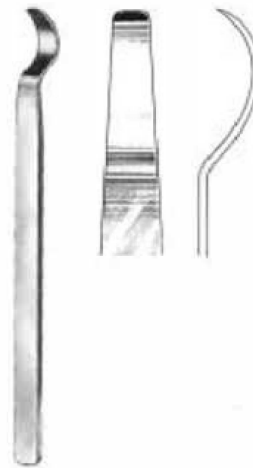
8 mm

**HOHMANN mini**

16,0 cm

6 mm **31149-6**

8 mm **31149-8**



14,0 cm **31150-15**



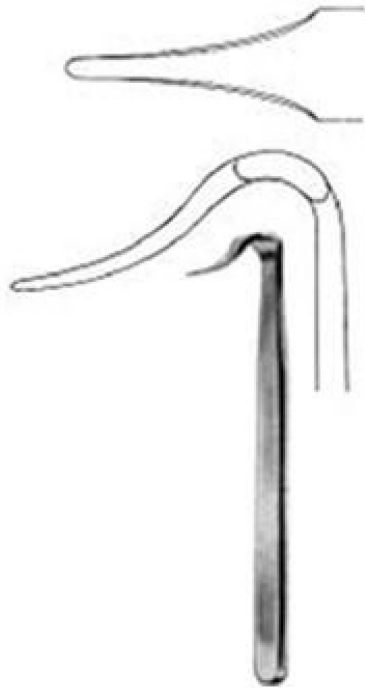
BLOUNT

26,0 cm **31151-26**



BLOUNT

26,0 cm **31152-26**



BLOUNT

17,5 cm **31153-17**



TAYLOR

16,5 cm

75 x 30 mm **31154-1**

100 x 30 mm **31154-2**



Meniskotome  
 Meniscotomes  
 Meniscótomos



SMILLIE

31155-0-17 17,0 cm 31155-1-17



BIRCHER

19,0 cm 31156-19



BIRCHER

19,0 cm 31157-19



Fig. 1



Fig. 2

NEFF

Fig.1/22,0 cm 31158-1  
 Fig.2/22,0 cm 31158-2

Sehnenstripper, Knochenfeilen  
Tendon Strippers, Bone Files  
Separadores para tendones, Limas para hueso



Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

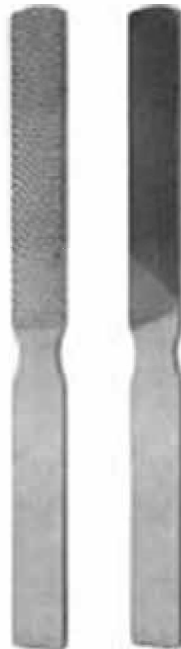
BUNNELL

15,0 cm

- Fig.1 31159-1
- Fig.2 31159-2
- Fig.3 31159-3
- Fig.4 31159-4
- Fig.5 31159-5



24,5 cm 31160-24



22,0 cm 31161-22



PUTTI

27,0 cm 31162-27



PUTTI

30,0 cm 31163-30