

Bone Instruments

Bone Chisels & Gouges
Knochenmeißeln & Gouges

Bone ciseaux et gouges
Cinceles y Gouges

WITTEX
International

12



Inspector
16 cm/6¼"

- 12-1739-03
3mm
- 12-1739-05
5mm
- 12-1739-07
7mm
- 12-1739-09
9mm



Passow
12 cm/4¾"

12-1740-02
2.5mm

12-1740-03
3.5mm



Hautant

- 12-1741-02 2mm
- 12-1741-04 4mm
- 12-1741-05 5mm
- 12-1741-06 6mm
- 12-1741-08 8mm
- 12-1741-10 10mm
- 12-1741-12 12mm
- 13 cm/5¼"



- mm
- 06 12-1742-06
- 12 12-1742-12
- 18 12-1742-18



Mod. USA
12-1743-06
12-1743-12
12-1743-18
16 cm/6¼"

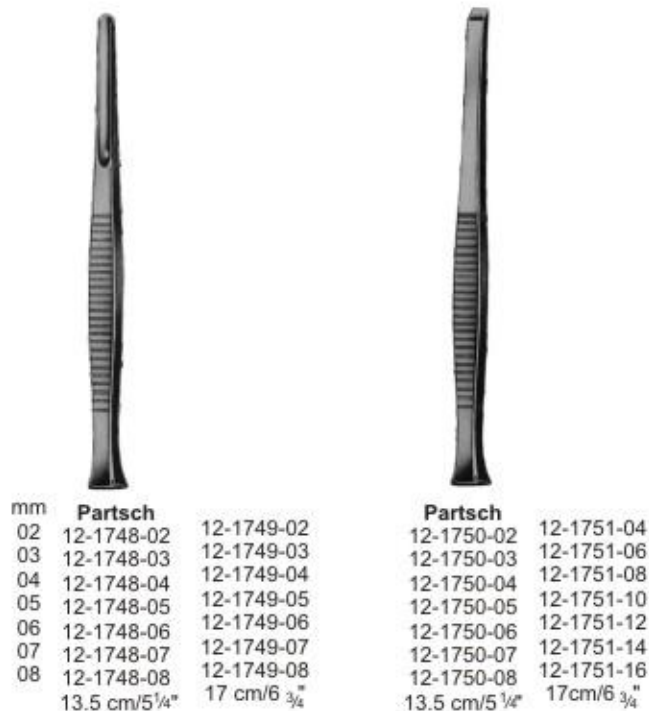


- 12-1744-06
- 12-1744-12
- 12-1744-18

Bone Instruments

Bone Chisels, Gouges and Osteotomes
Knochenmeißeln, Gouges und Osteotome

Bone ciseaux, gouges et ostéotomes
Cinceles, formones y osteotomos



12-1752-04 4mm
12-1752-06 6mm
12-1752-08 8mm
12-1752-10 10mm
12-1752-12 12mm
12-1752-14 14mm



Poirioer
16cm/6"

12-1753-02 2mm
12-1753-04 4mm
12-1753-06 6mm
12-1753-08 8mm
12-1753-10 10mm
12-1753-12 12mm
12-1753-14 14mm



Poirioer
16cm/6"

12-1754-04 4mm
12-1754-06 6mm
12-1754-08 8mm
12-1754-10 10mm
12-1754-12 12mm
12-1754-14 14mm



Proirier Triuat
20cm/8"

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International

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Hautant
13 cm/5"

- 12-1755-02 2 mm
- 12-1755-04 4 mm
- 12-1755-05 5 mm
- 12-1755-06 6 mm
- 12-1755-08 8 mm
- 12-1755-10 10mm
- 12-1755-12 12mm



Judet
22 cm/8 3/4"

- 12-1756-10 10mm
- 12-1756-15 15mm
- 12-1756-20 20mm
- 12-1756-25 25mm
- 12-1756-30 30mm
- 12-1756-35 35mm



Cauchoix
25 cm/10"

- 12-1757-08 8 mm
- 12-1757-10 10mm
- 12-1757-12 12mm
- 12-1757-14 14mm
- 12-1757-16 16mm
- 12-1757-18 18mm
- 12-1757-20 20mm
- 12-1757-25 25mm



Cauchoix
25 cm/10"

- 12-1758-16 16mm
- 12-1758-18 18mm
- 12-1758-20 20mm
- 12-1759-16 16mm
- 12-1759-18 18mm
- 12-1759-20 20mm

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Farabeuf
21 cm/8 1/4"

- 12-1760-10 10mm
- 12-1760-15 15mm
- 12-1760-20 20mm
- 12-1760-25 25mm
- 12-1760-30 30mm



Farabeuf
25 cm/10"

- 12-1761-06 6mm
- 12-1761-08 8mm
- 12-1761-10 10mm
- 12-1761-12 12mm

- 12-1761-15 15mm
- 12-1761-20 20mm
- 12-1761-25 25mm
- 12-1761-30 30mm



Maceven
20 cm/8"

- 12-1762-10 10mm
- 12-1762-15 15mm
- 12-1762-20 20mm

Bone Instruments

Bone Chisels, and Gouges
Knochenmeißeln, und Gouges

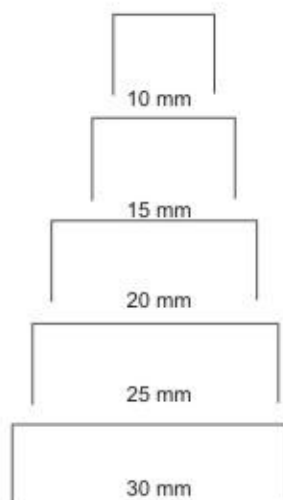
Bone ciseaux, et gouges
Cinceles, formones y

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International

12



Lexer
27.5 cm/10¾"



12-1763-10
12-1763-15
12-1763-20
12-1763-25
12-1763-30



12-1764-10
12-1764-15
12-1764-20
12-1764-25
12-1764-30



Alexander
18 cm/7"

12-1765-04
12-1765-06
12-1765-08
12-1765-10
12-1765-12
12-1765-14

mm
04
06
08
10
12
14

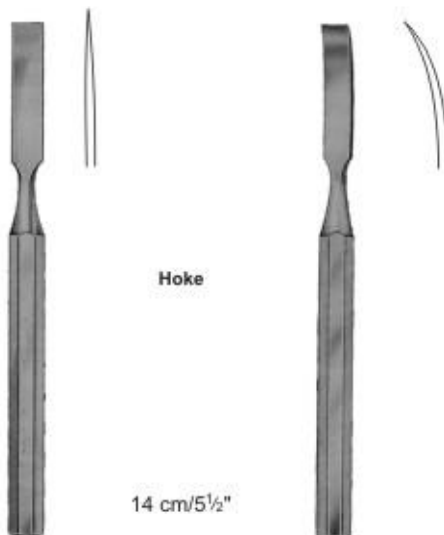


12-1766-04
12-1766-06
12-1766-08
12-1766-10
12-1766-12
12-1766-14

Bone Instruments

Bone Chisels, and Gouges Osteotomes
Knochenmeißeln, und Gouges Osteotome

Bone ciseaux, et gouges ostéotomes
Cinceles, formones y osteotomos



Hoke

14 cm/5½"

	mm	
12-1767-02	2	12-1768-02
12-1767-03	3	12-1768-03
12-1767-04	4	12-1768-04
12-1767-05	5	12-1768-05
12-1767-06	6	12-1768-06
12-1767-07	7	12-1768-07
12-1767-08	8	12-1768-08



Smith-Petersen
20 cm/8"



mm				
06	12-1769-06	12-1770-06	12-1771-06	12-1772-06
09	12-1769-09	12-1770-09	12-1771-09	12-1772-09
13	12-1769-13	12-1770-13		
14			12-1771-14	12-1772-14
16	12-1769-16	12-1770-16	12-1771-16	12-1772-16
19	12-1769-19	12-1770-19	12-1771-19	12-1772-19
25	12-1769-25	12-1770-25	12-1771-25	12-1772-25
32	12-1769-32	12-1770-32	12-1771-32	12-1772-32

Bone Instruments

Bone Chisels, and Gouges Osteotomes
Knochenmeißeln, und Gouges Osteotome

Bone ciseaux, et gouges ostéotomes
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International

12



Lambotte
mm

12-1773-04	04	12-1774-04
12-1773-06	06	12-1774-06
12-1773-08	08	12-1774-08
12-1773-10	10	12-1774-10
12-1773-13	13	12-1774-13
12-1773-16	16	12-1774-16
12-1773-18	18	12-1774-18
12-1773-20	20	12-1774-20
12-1773-25	25	12-1774-25
12-1773-30	30	12-1774-30
12-1773-38	38	12-1774-38
12-1773-44	44	12-1774-44
12-1773-50	50	12-1774-50
24 cm/9½"		23 cm/9"



Mini-Lambotte
mm

12-1775-02	02	12-1776-02
12-1775-03	03	12-1776-03
12-1775-04	04	12-1776-04
12-1775-06	06	12-1776-06
12-1775-08	08	12-1776-08
12-1775-10	10	12-1776-10
12-1775-12	12	12-1776-12
12-1775-15	15	12-1776-15
12.5 cm/5"		17 cm/6¾"



Mini-Lexer
mm

12-1777-04	04	12-1778-04
12-1777-06	06	12-1778-06
12-1777-08	08	12-1778-08
12-1777-10	10	12-1778-10
12-1777-12	12	12-1778-12

18 cm/7"



Lexer
mm

12-1779-05	05	12-1780-05
12-1779-07	07	12-1780-07
12-1779-10	10	12-1780-10
12-1779-15	15	12-1780-15
12-1779-20	20	12-1780-20
12-1779-25	25	12-1780-25
12-1779-30	30	12-1780-30

22 cm/8¾"



Bone Instruments

Bone Chisels, and Gouges
Knochenmeißeln, und Gouges

Bone ciseaux, et gouges
Cinceles, formones y



Chisel
12-1781-20
24.5 cm/9 3/4"
20 mm



Chisel-Curved
12-1782-20
26.5 cm/10 1/2"
20 mm

Gouge for the removing of
broken screws
Hohlmeißel für das Entfernen von
abgebrochener Schrauben
Gouge pour la suppression de vis cassées
Gubia para la remoción de tornillos rotos



12-1783-22
22 cm/8 3/4"

Bone Instruments

Bone Chisels, and Gouges Osteotomes
Knochenmeißeln, und Gouges Osteotome

Bone ciseaux, et gouges ostéotomes
Cinceles, formones y osteotomos

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International

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Ziehlke
23 cm/9"
5.5 mm
9.0 mm

12-1784-05
12-1784-09

Width
Breite
largeur
ancho



mm
06
08
10
12
15
20
25
30

12-1784-06	12-1785-06	12-1786-06	12-1787-06	12-1788-06
12-1784-08	12-1785-08	12-1786-08	12-1787-08	12-1788-08
12-1784-10	12-1785-10	12-1786-10	12-1787-10	12-1788-10
12-1784-12	12-1785-12	12-1786-12	12-1787-12	12-1788-12
12-1784-15	12-1785-15	12-1786-15	12-1787-15	12-1788-15
12-1784-20	12-1785-20	12-1786-20	12-1787-20	12-1788-20
12-1784-25	12-1785-25	12-1786-25	12-1787-25	12-1788-25
12-1784-30	12-1785-30	12-1786-30	12-1787-30	12-1788-30

Stille
20 cm/8"



mm
06
09
13
16
19
25
32

Hibbs
24 cm/9½"

12-1789-06	12-1790-06	12-1791-06	12-1792-06	12-1793-06
12-1789-09	12-1790-09	12-1791-09	12-1792-09	12-1793-09
12-1789-13	12-1790-13	12-1791-13	12-1792-13	12-1793-13
12-1789-16	12-1790-16	12-1791-16	12-1792-16	12-1793-16
12-1789-19	12-1790-19	12-1791-19	12-1792-19	12-1793-19
12-1789-25	12-1790-25	12-1791-25	12-1792-25	12-1793-25
12-1789-32	12-1790-32	12-1791-32	12-1792-32	12-1793-32

Bone Instruments

Bone Gouges
Knochen Gouges

Gouges os
Gouges hueso



mm **Lexer**
05 12-1794-05
10 12-1794-10
15 12-1794-15

28 cm/11"



Lexer
12-1795-05
12-1795-10
12-1795-15

25 cm/10"



Lexer
12-1796-05
12-1796-10
12-1796-15

25 cm/10"



12-1797-01



12-1797-02



12-1798-03



12-1799-04

Cobb
28 cm/11"

Bone Instruments

Bone Curettes
Scharfe Löffel

Curettes osseuses
Curetas óseas

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International

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Fig.000



Fig.00



Fig.0



Fig.1



Fig.2



Fig.3



Fig.4



Fig.5



Fig.6



Bruns
23 cm/9"



Bruns
23 cm/9"

B



C

45°



D

45°



Fig.	A	B	C	D
000	12-1800-30	12-1801-30	12-1802-30	12-1803-30
00	12-1800-20	12-1801-20	12-1802-20	12-1803-20
0	12-1800-10	12-1801-10	12-1802-10	12-1803-10
1	12-1800-01	12-1801-01	12-1802-01	12-1803-01
2	12-1800-02	12-1801-02	12-1802-02	12-1803-02
3	12-1800-03	12-1801-03	12-1802-03	12-1803-03
4	12-1800-04	12-1801-04	12-1802-04	12-1803-04
5	12-1800-05	12-1801-05	12-1802-05	12-1803-05
6	12-1800-06	12-1801-06	12-1802-06	12-1803-06

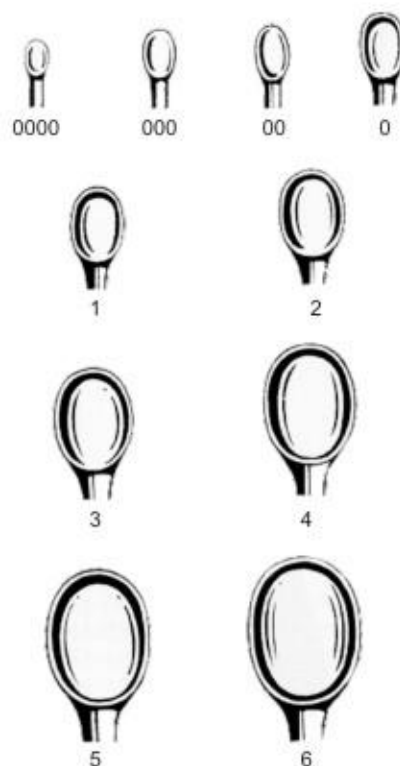
Bone Instruments

Bone Curettes
Scharfe Löffel

Curettes osseuses
Curetas óseas



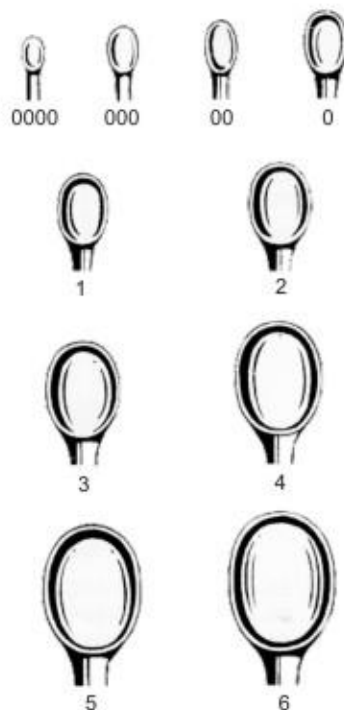
Volkmann
17 cm/6¾"



- Fig.
0000 12-1804-40
000 12-1804-30
00 12-1804-20
0 12-1804-10
1 12-1804-01
2 12-1804-02
3 12-1804-03
4 12-1804-04
5 12-1804-05
6 12-1804-06



Volkmann
17 cm/6¾"



- Fig.
0000 12-1805-40
000 12-1805-30
00 12-1805-20
0 12-1805-10
1 12-1805-01
2 12-1805-02
3 12-1805-03
4 12-1805-04
5 12-1805-05
6 12-1805-06

Bone Instruments

Bone Curettes
Scharfe Löffel

Curettes osseuses
Curetas óseas

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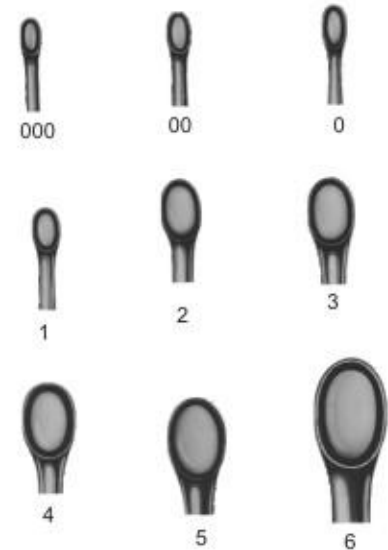
Bruns
17 cm/6 3/4"



Bruns	Fig.	Spratt
12-1806-30	000	12-1807-30
12-1806-20	00	12-1807-20
12-1806-10	0	12-1807-10
12-1806-01	1	12-1807-01
12-1806-02	2	12-1807-02
12-1806-03	3	12-1807-03
12-1806-04	4	12-1807-04
12-1806-05	5	12-1807-05
12-1806-06	6	12-1807-06



Spratt
16 cm/6 1/4"



Swedish pattern

mm	Round	Oval
2	12-1808-02	12-1809-03
3	12-1808-03	12-1809-04
4	12-1808-04	12-1809-05
5	12-1808-05	12-1809-06
6	12-1808-06	12-1809-07
7	12-1808-07	12-1809-08
8	12-1808-08	12-1809-10
10	12-1808-10	12-1809-12
12	12-1808-12	12-1809-14
14	12-1808-14	22cm/8 "
	17cm/6 3/4"	1/2

Bone Instruments

Bone Curettes
Scharfe Löffel

Curettes osseuses
Curetas óseas



Schede
17 cm/6 3/4"



Fig.	
000	12-1810-30
00	12-1810-20
0	12-1810-10
1	12-1810-01
2	12-1810-02
3	12-1810-03
4	12-1810-04



Williger
17.5 cm/7"



Straight, Oval	
Gerade, Oval	
Droite, ovale	
Oval Straight,	
12-1811-20	
12-1811-10	
12-1811-01	
12-1811-02	



Straight	
gerade	
droit	
recto	
Fig.	
00	12-1812-20
0	12-1812-10
1	12-1812-01
2	12-1812-02



12-1813-01

Uffenorde
17 cm/6 3/4"



12-1814-02

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Curettes osseuses
Curetas óseas

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Volkman
27 cm/10½"



Simon
24 cm/9½"



Simon
24 cm/9½"



Daubenspeck
20 cm/8"

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Scharfe Löffel

Curettes osseuses
Curetas óseas





Bone Instruments

Bone Curettes
Scharfe Löffel

Curettes osseuses
Curetas óseas

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12-1823-21
21 cm/8 1/4"



Epstein



Spinal



Spinal

Fig.

000

00

0

1

2

3

4

5

6

12-1824-30

12-1824-20

12-1824-10

12-1824-01

12-1824-02

12-1824-03

12-1824-04

12-1824-05

12-1824-06

20 cm/8"

12-1825-30

12-1825-20

12-1825-10

12-1825-01

12-1825-02

12-1825-03

12-1825-04

12-1825-05

12-1825-06

20 cm/8"

12-1826-30

12-1826-20

12-1826-10

12-1826-01

12-1826-02

12-1826-03

12-1826-04

12-1826-05

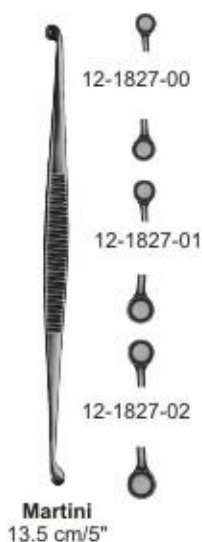
12-1826-06

20 cm/8"

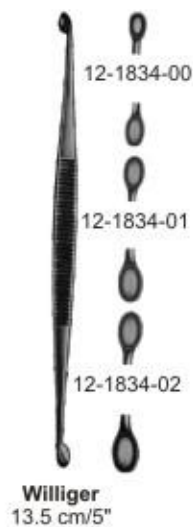
Bone Instruments

Bone Curettes
Scharfe Löffel

Curettes osseuses
Curetas óseas



Length	Volkman	
	Oval/Oval	Oval/Round
cm in		
13 5"	12-1829-13	12-1830-13
14 5½"	12-1829-14	
16 6¼"		12-1830-16
17 6¾"	12-1829-17	
20 8"	12-1829-20	12-1830-20



Bone Instruments

Bone Files and Rasps

Knochen-Feilen und Raspeln

Fichiers os et râpes

Archivos de hueso y Escofinas

 **WITTEX**
International

12



Putti
12-1836-30
30 cm/12"



Putti
12-1837-27
27 cm/10½"



12-1838-25
25 cm/10"



12-1839-24
24 cm/9½"



12-1840-22
22 cm/8¾"



Bone Instruments

Periosteal Raspatories
periostale Raspatories

périostée Couronne Instruments
Raspatories periostio



Farabeuf-Collin
12-1841-15
15.5 cm/6"
11 mm



Farabeuf-Collin
12-1842-15
15.5 cm/6"
11 mm



Farabeuf
12-1843-15
15 cm/6"



Farabeuf
12-1844-15
15 cm/6"



Sedillot
12-1845-18
18 cm/7"
18 mm



Sedillot
12-1846-21
21 cm/8¼"
15 mm



Langenbeck
12-1847-18
18 cm/7"



Langenbeck
12-1848-19
19 cm/7½"



Bone Instruments

Periosteal Raspatories
periostale Raspatories

périostée Couronne Instruments
Raspatories periostio

WITTEX
International

12



Alexander
12-1849-20
20 cm/8"



Lambotte
21 cm/8¼"

	mm
12-1850-05	05
12-1850-10	10
12-1850-15	15
12-1850-20	20
12-1850-25	25



Schneider
12-1851-17
17.5 cm/7"
13 mm



Schneider-Sauerbruch
12-1852-19
19 cm/7½"
13 mm



Jansen
12-1853-16
16.5 cm/6½"
15 mm



Seldin
12-1854-19
19 cm/7½"



Davidson-Alexander
12-1855-29
29 cm/11½"



Williger
12-1856-13
13 cm/5"

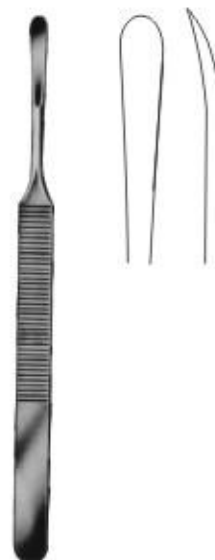
Bone Instruments

Periosteal Raspatories
periostale Raspatories

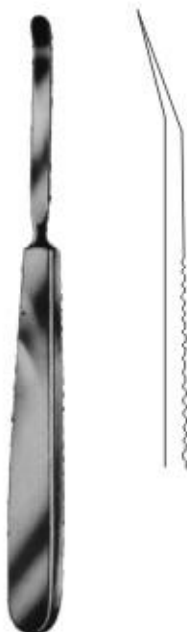
périostée Couronne Instruments
Raspatories periostio



Williger
12-1857-16
16 cm/6 1/4"



Konig
12-1858-15
15.5 cm/6"
5 mm



12-1859-06
6 mm

17 cm/6 3/4"

12-1860-08
8 mm



Adson
17 cm/6 3/4"

12-1861-01

12-1861-02

12-1861-03

12-1861-04

Bone Instruments

Periosteal Raspatories
periostale Raspatories

périostée Couronne Instruments
Raspatories periostio

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Matson
12-1863-22
22 cm/8¾"



Bone Instruments

Periosteal Raspatories
periostale Raspatories

périostée Couronne Instruments
Raspatories periostio



Cobb
24 cm/9½"



12-1867-04
4 mm



12-1867-06
6 mm



12-1867-08
8 mm



12-1867-10
10 mm



12-1867-13
13 mm



12-1867-19
19 mm



12-1867-25
25 mm

Bone Instruments

Periosteal Raspatories
periostale Raspatories

périostée, Couronne Instruments
Raspatories periostio

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Doyen
17 cm/6¾"



12-1868-01



12-1868-02



12-1869-01



12-1869-02



12-1870-01



Doyen
24 cm/9½"



12-1871-02



Semb



12-1872-01
19.5 cm/7½"
12 mm



12-1872-02
19.5 cm/7½"
12 mm



12-1872-03
19.5 cm/7½"
12 mm



12-1872-04
22 cm/8¾"
13 mm



12-1872-05
21.5 cm/8½"
13 mm



12-1872-06
22 cm/8½"
15 mm



12-1872-07
22 cm/8½"
15 mm

Bone Instruments

Periosteal Raspatories
periostale Raspatories

périostée Couronne Instruments
Raspatories periostio



12-1873-05
18.5 cm/7 1/4"
13 mm



12-1874-06
19.5 cm/7 3/4"
14 mm



12-1875-07
18.5 cm/7 1/4"
14 mm



12-1876-08
20 cm/8 "
20 mm



12-1877-01
19 cm/7 1/2"
6 mm



12-1878-02
18.5 cm/7 1/4"
3 mm



12-1879-03
18.5 cm/7 1/4"
6 mm



12-1880-04
18.5 cm/7 1/4"
6 mm

Bone Instruments

Periosteal Raspatories
periostale Raspatories

périostée, Couronne Instruments
Raspatories periostio

WITTEX
International

12



12-1881-20
27.5 cm/10 3/4"
20 mm



Wagner

8 mm	12-1882-08	33 cm/13"
17 mm	12-1882-17	33 cm/13"



Cobb

10 mm	12-1883-10	25 cm/10"
13 mm	12-1883-13	25 cm/10"
19 mm	12-1883-19	25 cm/10"
25 mm	12-1883-25	25 cm/10"



Cobb

10 mm	12-1884-10	28 cm/11"
13 mm	12-1884-13	28 cm/11"
19 mm	12-1884-19	28 cm/11"

Bone Instruments

Elevators
Aufzüge

Ascenseurs
Ascensores



Langenbeck
12-1885-20
20 cm/8"
8 mm



Langenbeck
12-1886-20
20 cm/8"
10 mm



12-1887-07
16 cm/6 1/4"
7 mm

12-1887-15
18.5 cm/7 1/4"
15 mm

12-1887-20
19 cm/7 1/2"
20 mm



Yankauer
12-1888-18
18 cm/7"



Langenbeck
12-1889-23
23 cm/9"
11 mm



Williger
12-1890-16
16 cm/6 1/4"



Williger
12-1891-17
17 cm/6 3/4"



Quervain
12-1892-20
20 cm/8"

Bone Instruments

Elevators
Aufzüge

Ascenseurs
Ascensores

WITTEX
International

12



König
12-1893-15
15 cm/6"
4.5 mm



König
12-1894-15
15 cm/6"
4.5 mm



Hohman-Willinger
12-1895-16
16 cm/6 1/4"

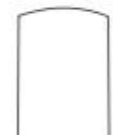


Key

6 mm	12-1896-06	19 cm/7 1/2"
12 mm	12-1896-12	19 cm/7 1/2"
19 mm	12-1896-19	19 cm/7 1/2"
25 mm	12-1896-25	19 cm/7 1/2"



6 mm



12 mm



19 mm



25 mm



Alderdyce
12-1897-21
21 cm/8 1/4"



McDonald
12-1898-19
19 cm/7 1/2"



Watson-Cheyne
12-1899-19
17.5 cm/7"



Sebileau
12-1900-17
17 cm/6 3/4"

Bone Instruments

Bone Levers
Knochen-Hebel

Leviers os
Las palancas de hueso



Buck-Gramcko
12-1901-15
15 cm/6"



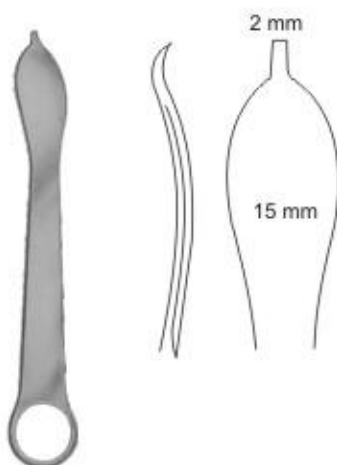
Hohmann mini
12-1902-14
14 cm/5 1/2"
2.8 mm



12-1903-15
15 cm/6"
5 mm



12-1904-15
15 cm/6"
7 mm



12-1905-12
12.5 cm/5"



Mini-Hohmann
16 cm/6 1/4"



12-1906-06
6 mm



12-1906-08
8 mm

Bone Instruments

Bone Levers
Knochen-Hebel

Leviers os
Las palancas de hueso

WITTEX
International

12



12-1907-26
26.5 cm/10 1/2"
24 mm



Lange-Hohmann
12-1908-26
26 cm/10 1/4"
22 mm



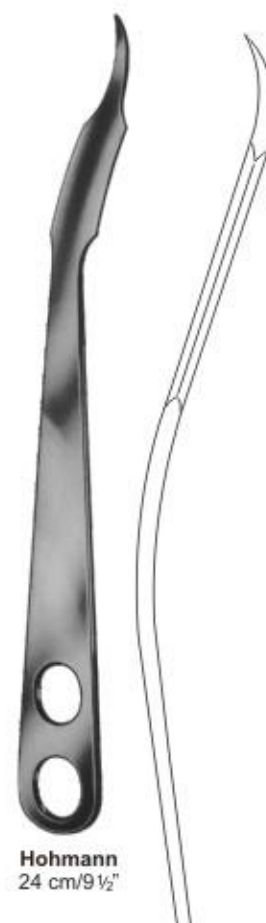
12-1910-17 17 mm
12-1910-18 18 mm



12-1911-17 17 mm



Hohmann
12-1909-22
22 cm/8 3/4"
8 mm



Hohmann
24 cm/9 1/2"

Bone Instruments

Bone Levers
Knochen-Hebel

Leviers os
Las palancas de hueso



Hohmann
12-1912-26
26 cm/10 $\frac{1}{4}$ "
22 mm

Hohmann
12-1913-28
28 cm/11"
33 mm

Hohmann
12-1914-24
24 cm/9 $\frac{1}{2}$ "
43 mm

Hohmann
12-1915-24
24.5 cm/9 $\frac{3}{4}$ "
43 mm

Hohmann
12-1916-24
24 cm/9 $\frac{1}{2}$ "
70 mm

Hohmann
12-1917-22
22 cm/8 $\frac{3}{4}$ "
18 mm

Bone Instruments

Bone Levers
Knochen-Hebel

Leviers os
Las palancas de hueso

WITTEX
International

12



Lange-Hohmann modif
30 mm 12-1918-26 26.5 cm/10 1/2"
33 mm 12-1918-29 29.0 cm/11 1/2"



Hohmann-Aldinger
12-1919-27
27 cm/10 1/2"

18 mm



37 mm

**Schumacher
(Wagner)**
12-1920-34
34.5 cm/13 1/2"

18 mm



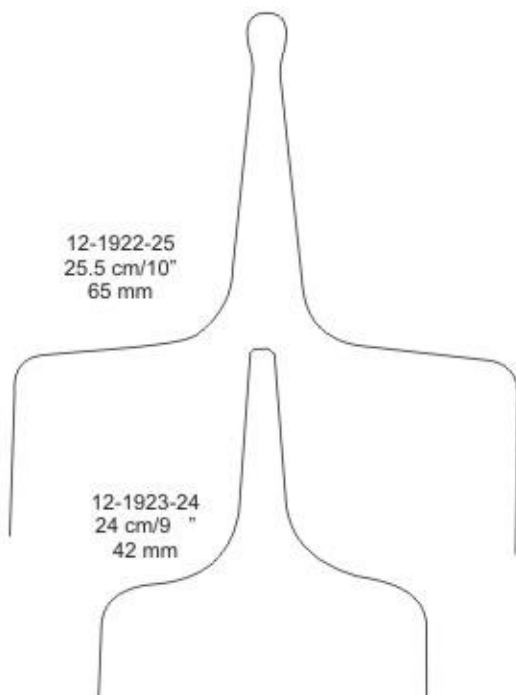
35 mm

Schumacher
12-1921-29
29 cm/11 1/2"

Bone Instruments

Bone Levers
Knochen-Hebel

Leviers os
Las palancas de hueso



Verbrugge-Muller



Lane Trethowan
12-1927-21
21.5 cm/8½"



Lane
12-1925-25
25.5 cm/10"



Bristow
12-1926-23
23 cm/9"

Bone Instruments

Bone Levers
Knochen-Hebel

Leviers os
Las palancas de hueso

WITTEX
International

12



Blount
12-1928-26
26 cm/10 1/4"



Blount
12-1929-26
26 cm/10 1/4"



Bennett 12-1930-43 43 mm
24 cm/9 1/2" 12-1930-60 60 mm



Murphy-Lane
12-1931-32
32 cm/12 1/2"



Chandler

Length Länge longueur longitud	Width Breite largeur ancho	
18 cm	13 mm	12-1932-13
20 cm	19 mm	12-1932-19
23 cm	25 mm	12-1932-23
25 cm	30 mm	12-1932-30

Bone Instruments

Meniscus and Spinal Retractors
Meniskus-und Spinal Retraktoren

Rétracteurs méniscales et de la moelle
Los retractoros de menisco y la columna vertebral



Smillie
14 cm/5½"



12-1933-04
52x13 mm



12-1933-05
12x13 mm

12-1933-01
32x19 mm

12-1933-02
48x19 mm

12-1933-03
57x19 mm

Spinal retractors
Spinal Retraktoren
écarteurs rachidiens
retractoros de la columna vertebral



12-1934-01
75x30 mm

12-1934-02
100x30 mm

Taylor
17 cm/6½"

Meniscus retractors
Meniskus Retraktoren
rétracteurs de ménisque
retractoros de menisco



12-1935-21
21.5 cm/8½"



Blount
12-1936-17
17.5 cm/7"

Bone Instruments

Meniscotomy Knives
Meniscotomy Messer

Couteaux Meniscotomy
Cuchillos Meniscotomy

WITTEX
International

12



Smillie
12-1937-17
17 cm/6 3/4"



Smillie
12-1938-17
17 cm/6 3/4"



Smillie
12-1939-17
17 cm/6 3/4"



Salenius
12-1940-22
22 cm/8 3/4"



Salenius
12-1941-22
22 cm/8 3/4"



12-1942-17
17.5 cm/7"



Neff
21.5 cm/8 1/2"



Canad-Modell
12-1943-01 20 cm/8"



12-1944-02



Bircher
12-1945-20
20.5 cm/8"

Bone Instruments

Bone Holding Forceps
Knochenhaltezen

Os Davier
Bone Pinzas



Dingmann Modif
12-1946-19
19 cm/7½"



Dingmann
12-1947-19
19cm/7½"



Neff ¼
12-1948-21
21cm/8"



12-1949-20
20 cm/8"
Straight
gerade
droit
recto



12-1950-20
20 cm/8"
Curved on Fallt
Gebogene am Fallt
Courbé sur Fallt
Curva de Fallt



Van Buren
12-1951-23
23 cm/9"

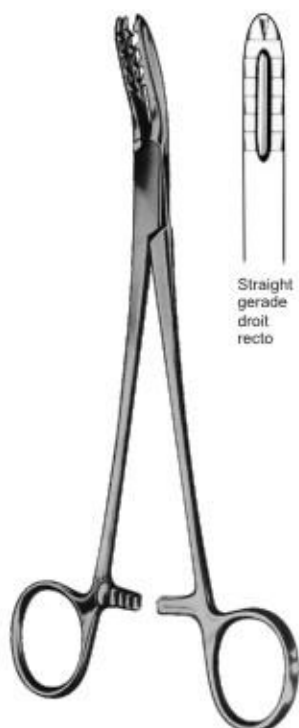
Bone Instruments

Bone Holding Forceps
Knochenhaltezen

Os Davier
Bone Pinzas

WITTEX
International

12



Bircher-Ganske
12-1952-20
20 cm/8"



Bircher-Ganske
12-1953-20
20 cm/8"



Martin
12-1954-19
19 cm/7½"



Lewin
12-1955-17
17.5 cm/7"



Fergusson
12-1956-21
21 cm/8¼"



Langenbeck
12-1957-21
21 cm/8¼"

Bone Instruments

Bone Holding Forceps
Knochenhaltezen

Os Davier
Bone Pinzas



Without Ratchet
ohne Ratchet
sans cliquet
Sin Ratchet

12-1958-17
12-1958-21

Kern

cm	in
17	6 3/4"
21	8 1/4"

With Ratchet
mit Ratchet
avec Ratchet
Con Ratchet

12-1959-17
12-1959-21



12-1960-16
16 cm/6 1/4"
12-1960-24
24 cm/9 1/2"



Ulrich

12-1961-18
12-1961-23
12-1961-25
12-1961-28

18 cm/7"
23 cm/9"
25 cm/10"
28 cm/11"



Ulrich

12-1962-18
12-1962-23
12-1962-25
12-1962-28



Hey Groves

12-1963-21 20 cm/8"
12-1963-27 25 cm/10"
12-1963-30 30 cm/12"

Bone Instruments

Bone Holding Forceps
Knochenhaltezangen

Os Davier
Bone Pinzas

WITTEX
International

12



Semb
12-1964-19
19 cm/7½"



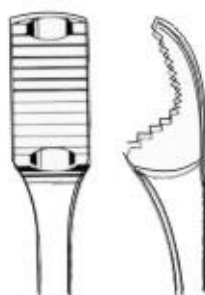
Semb
12-1965-19
19 cm/7½"



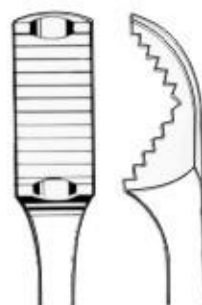
Verbrugge
12-1966-17
17.5 cm/7"



Verbrugge



12-1967-25
25 cm/10"



12-1968-26
26 cm/10¼"
Verbrugge



12-1969-27
27 cm/10½"

Bone Instruments

Bone Holding Forceps
Knochenhaltezaugen

Os Davier
Bone Pinzas



**Self
Centring**

12-1970-15 15 cm/6"
12-1970-19 19 cm/7½"
12-1970-24 24 cm/9½"
12-1970-26 26 cm/10¼"
12-1970-28 28 cm/11"



Handles Detachable
Griffe Abnehmbare
poignées détachables
Maneja desmontable

Percy
12-1971-30

Adjustable
einstellbar
réglable
ajustable



Lambotte

12-1972-22 22 cm/8¾"
12-1972-27 27 cm/10½"
12-1972-30 30 cm/12"



Farabeuf

12-1973-23 23 cm/9"
12-1973-26 26 cm/10¼"



Lambotte

12-1974-22 22.5 cm/9"
12-1974-25 25.5 cm/10½"
12-1974-33 33 cm/13½"

Bone Instruments

Bone Holding Forceps
Knochenhaltezangen

Os Davier
Bone Pinzas

WITTEX
International

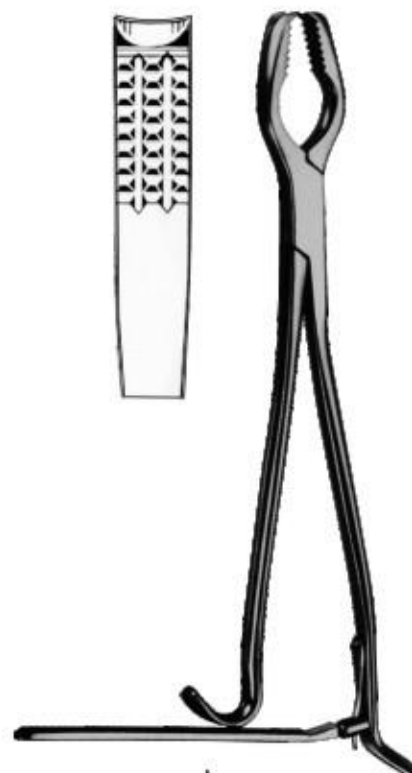
12



Farabeuf-Lambotte
12-1975-26
26 cm/10 1/4"



Lambotte
12-1976-19 19 cm/7 1/2"
12-1976-23 23 cm/9"
12-1976-26 26 cm/10 1/4"



	Lane	
	cm in	
12-1977-33	33 13"	12-1978-33
12-1977-45	45 17 3/4"	12-1978-45
Without Ratchet ohne Ratchet sans cliquet Sin Ratchet		With Ratchet mit Ratchet avec Ratchet Con Ratchet



12-1979-14
14.5 cm/5 3/4"



12-1980-12
12 cm/4 3/4"



12-1981-13
13.5 cm/5 1/4"

Bone Instruments

Bone Holding Forceps and Bone Holding Clamps
Knochenhaltezege and Bone Halteklammern

Os Davier et os Pinces de portefeuille
Hueso y huesos Pinzas abrazaderas que sujetan



12-1982-20
20 cm/8"



12-1983-17
17 cm/6¾"



12-1984-17
17.5 cm/7"

Traction Bar
Traktion Bar
barre de traction
tracción Bar



Lowman-Hoglund
12-1985-19
19 cm/7½"



Lowman
12-1986-18 18 cm/7"
12-1986-20 20 cm/8"
12-1986-22 22 cm/8¾"



Lowman
12-1987-12
12 cm/4¾"



Gerster
12-1988-18
12-1988-50

Bone Instruments

Bone Rongeur Forceps
Knochen Hohlmeißelzange

Os Rongeur Forceps
Pinzas gubia ósea

WITTEX
International

12



Clovis Vincent
12-1989-21 21 cm/8 1/4"
12-1989-26 26 cm/10 1/4"



Bane-Hartmann
12-1990-17
17.5 cm/7"



Mini-Friedmann
12-1991-12
12.5 cm/5"



Friedmann
12-1992-14
14 cm/5 1/2"

Bone Instruments

Bone Rongeur Forceps
Knochen Hohlmeißelzange

Os Rongeur Forceps
Pinzas gubia ósea



Friedmann-Delicate
15 cm/6"



15-0857-15



90°

12-1993-15



Bacon
12-1994-20
20 cm/8"



Hartmann
12-1995-18
18.5 cm/7 1/4"



Cleveland
12-1996-14 14 cm/5 1/2"
12-1996-17 17 cm/6 3/4"



Olivecrona
12-1997-20
20 cm/8"

Bone Instruments

Bone Rongeur Forceps
Knochen Hohlmeißelzange

Os Rongeur Forceps
Pinzas gubia ósea

WITTEX
International

12



Lempert

12-1998-16	cm	in	12-1999-16
12-1998-19	16	6 1/4"	12-1999-19
	19	7 1/2"	
Straight			Curved
gerade			Gebogene
droit			courbé
recto			Curvo



Beyer

12-2000-18
18 cm/7"



Mead

16.5 cm/6 1/2"



12-2001-16



12-2002-16



Blumenthal
15.5 cm/6"



12-2003-15



12-2004-15



12-2005-15



Hakansson
12-2006-15
15.5 cm/6"



Jansen
18 cm/7"



12-2007-17



12-2008-17

Bone Instruments

Bone Rongeur Forceps
Knochen Hohlmeißelzange

Os Rongeur Forceps
Pinzas gubia ósea



Stille-Luer
22 cm/8¾"



12-2009-22

Straight
gerade
droit
recto



12-2010-22

Curved
Gebogene
courbé
Curvo



Stille-Luer
27 cm/10½"



12-2011-27



12-2012-27



Semb
12-2013-23
23 cm/9"

Bone Instruments

Bone Rongeur Forceps
Knochen Hohlmeißelzange

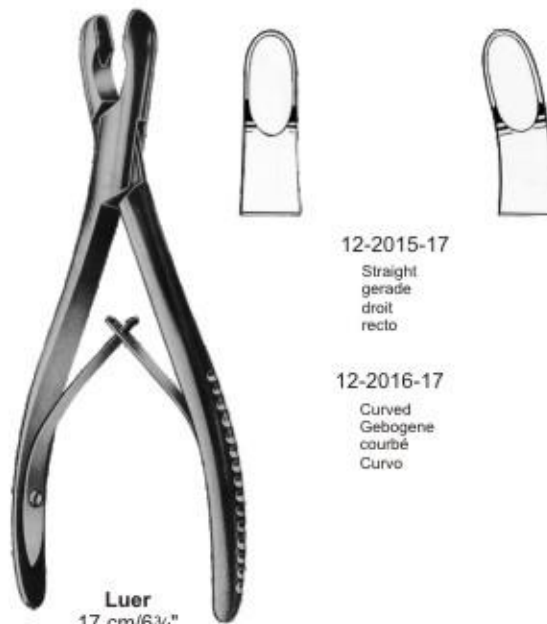
Os Rongeur Forceps
Pinzas gubia ósea

WITTEX
International

12



Jansen
12-2014-18
18 cm/7"



Luer
17 cm/6¾"

12-2015-17
Straight
gerade
droit
recto

12-2016-17
Curved
Gebogene
courbé
Curvo



Luer
18.5 cm/7¼"
12-2017-15

Heavy Pattern
schwere Pattern
modèle lourd
patrón pesado



Luer
15 cm/6"



12-2018-15



12-2019-15



12-2020-15



Adson
20 cm/8"

12-2021-20

Bone Instruments

Bone Rongeur Forceps
Knochen Hohlmeißelzange

Os Rongeur Forceps
Pinzas gubia ósea



Bohler
15cm/6"



12-2022-15



12-2023-15



Kleinert-Kutz
15cm/6"



12-2024-15
2mm



12-2025-15
3mm



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



Zaufal-Jansen
12-2026-18



Beyer
12-2027-18



Mayfield
12-2028-17
17 cm/6 3/4"



Ruskin
12-2029-18
18 cm/7"

Straight
gerade
droit
recto

12-2030-18
18 cm/7"
12-2030-23
23 cm/9"



Ruskin



Straight
gerade
droit
recto

12-2031-18
18 cm/7"
12-2031-23
23 cm/9"

Bone Instruments

Bone Rongeur Forceps
Knochen Hohlmeißelzange

Os Rongeur Forceps
Pinzas gubia ósea

WITTEX
International

12



Marquardt
12-2032-20
20 cm/8"



Rottgen-Ruskin
12-2033-24
24 cm/9½"



Smith-Petersen
24 cm/9½"



12-2034-03
3 mm



12-2034-04
4 mm



12-2034-05
5 mm



12-2035-03
3 mm



12-2035-04
4 mm



12-2035-05
5 mm

Bone Instruments

Bone Rongeur Forceps
Knochen Hohlmeißelzange

Os Rongeur Forceps
Pinzas gubia ósea



Stille-Ruskin
12-2036-23
23 cm/9"



Echlin
23 cm/9"

12-2037-02
2 mm

12-2037-03
3 mm

12-2037-04
4 mm



Leksell
23 cm/9"

12-2038-03
3 mm

12-2038-04
4 mm

12-2038-06
6 mm

12-2038-08
8 mm



Frykholm
12-2039-23
23 cm/9"



Stille
12-2040-23
23 cm/9"



Sauerbruch
30 cm/12"

12-2041-30

12-2042-30

Bone Instruments

Bone Cutting Forceps
Knochensplitterzangen

Pince de coupe d'os
Pince de coupe d'os...

WITTEX
International

12



Markwalder
12-2043-20
20 cm/8"



12-2044-14
12-2044-17
12-2044-19
12-2044-22

Straight
gerade
droit
recto

cm
14
17
19
22

Liston in
5 1/2
6 3/4
7 1/2
8 3/4



12-2045-14
12-2045-17
12-2045-19
12-2045-22

Curved
Gebogene
courbé
Curvo



Littauer-Liston
12-2046-15
15 cm/6"



Cleveland
12-2047-15 15 cm/6"
12-2047-17 17 cm/6 3/4"



Bohler
15 cm/6"

12-2048-15
Straight
gerade
droit
recto

12-2049-15
Curved on flat
Gebogene auf flachen
Courbé sur le plat
Curva plana en



McIndoe
12-2050-17
17.5 cm/7"

Bone Instruments

Bone Cutting Forceps
Knochensplitterzangen

Pince de coupe d'os
Pince de coupe d'os...



Liston-Key (Horsley)
12-2051-27
27 cm/10½"



Semb
12-2052-27-24
24 cm/9½"



Kazanjian
12-2053-27-18
18 cm/7"



Ruskin-Liston
18.5 cm/7¼"

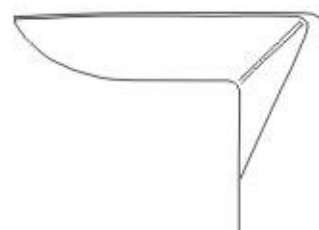
12-2054-18
Straight
gerade
droit
recto



12-2055-18
Curved on flat
Gebogene auf flachen
Courbé sur le plat
Curva plana en



Stille-Liston
23 cm/9"
27 cm/10½"



15-1061-27
27 cm/10½"



12-2056-23
12-2056-27



12-2057-23
12-2057-27

Bone Instruments

Nail Instruments and Finger Ring Cutters
Nail Instruments und Fingerring Schneider

Nail Instruments et couteaux pour bagues
Instrumentos y cortadores de uñas del dedo del anillo

WITTEX
International

12

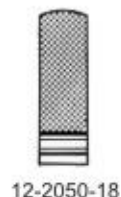


12-2058-13
13.5 cm/5"



18 cm/7"

12-2059-18



12-2050-18



Radolf
12-2061-13
13.5 cm/5 1/4"



12-2062-17
17 cm/6 3/4"

Saw blade
Sägeblatt
lame de scie
hoja de sierra



Walton
12-2063-17
17 cm/6 3/4"

Saw blade
Sägeblatt
lame de scie
hoja de sierra

Bone Instruments

Amputation and Resection Saws
Amputation und Resektion Sägen

Scies d'amputation et résection
Amputación y resección Sierras



Langenbeck
12-2064-23
23 cm/9"



Satterlee
12-2065-31
31 cm/12 1/4"



Charriere
12-2066-27 27 cm/10 1/2"
12-2066-30 30 cm/12"
12-2066-34 34 cm/13 1/2"

Spare saw blades
Spare Sägeblätter
Lames de scie de rechange
Cuchillas de recambio sierra

12-2067-43 3 mm
12-2067-45 5 mm
12-2067-47 7 mm

Complete with 3 blades
Komplett mit 3 Klingen
Livré avec 3 lames
Completo con 3 cuchillas
12-2067-39



Helferich-Bier

Spare saw blades
Spare Sägeblätter
Lames de scie de rechange
Cuchillas de recambio sierra

12-2068-12 12 mm
12-2068-15 15 mm

Complete with 2 blades
Komplett mit 2 Klingen
Livré avec 2 lames
Completo con 2 cuchillas
12-2068-35



Charriere

Bone Instruments

Bone Drills
Bone Drills

Perceuses os
Bone Drills

WITTEX
International

12



Adjustable handle
12-2069-00
28cm/11"



12-2070-11

Key only
Key nur
seule clé
clave única

Ralk
12-2071-00
accommodating up to 6.35mm

Bone Instruments

Bone Drills
Bone Drills

Perceuses os
Bone Drills



Stille
12-2072-00



Fig. 1
12-2072-01
Ø2,5mm



Fig. 2
12-2072-02
3,0mm



Fig. 3
12-2072-03
3,5mm



Fig. 4
12-2072-04
4,0mm



Fig. 5
12-2072-05
10,0mm



Fig. 6
12-2072-06
5,0mm



Fig. 7
12-2072-07
Ø8,0mm



Fig. 8
12-2072-08
12,0mm



Fig. 9
12-2072-09
16,0mm



Hudson
12-2073-00
27cm/10½"



Fig. 1
12-2073-01
Ø9 mm



Fig. 2
12-2073-02
14mm



Fig. 3
12-2073-03
16mm



Fig. 4
12-2073-04
22mm



Cushing
12-2073-05
Ø14mm



Mckenzie
12-2073-09
Ø13mm



12-2073-00

Bone Instruments

Drill Guide and Dura Protecting Forceps
Bohrerführung und Dura Schutz Zange

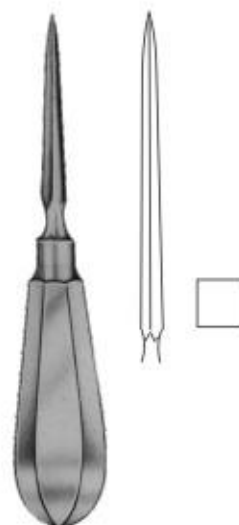
Guide-mèche et Pince Dura Protection
Guía de broca y pinzas Dura Protección

WITTEX
International

12



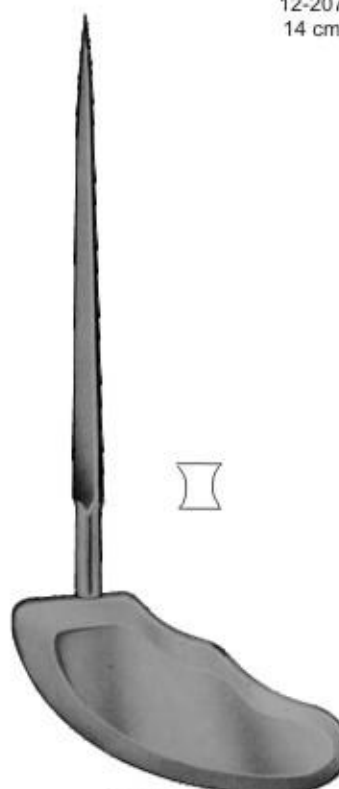
Adson
12-2074-15
15 cm/6"



12-2075-14
14 cm/5½"



12-2076-14
14 cm/5½"



Perthes
12-2077-21
21 cm/8¼"

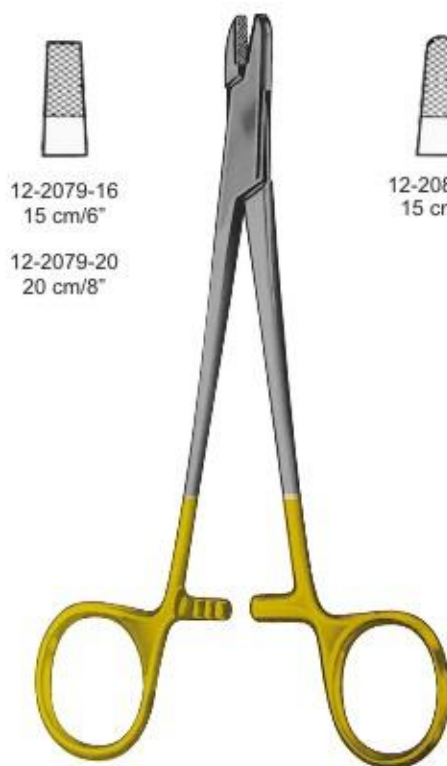
Bone Instruments

Wire Seizing Forceps
Draht Zange ergreifen

Pince fil Saisir
Pinzas de alambre Aprovechar



12-2078-18 18 cm/7"
12-2078-20 20 cm/8"



12-2079-16
15 cm/6"

12-2079-20
20 cm/8"



12-2080-16
15 cm/6"



12-2081-14
14 cm/5½"



12-2082-16
16 cm/6¼"



18cm/7"



12-2083-01



12-2083-02



12-2083-03



12-2083-04



12-2083-05

Bone Instruments

Wire Seizing Forceps
Draht Zange ergreifen

Pince fil Saisir
Pinzas de alambre Aprovechar

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12-2084-15
15.5 cm/6"



12-2085-18
18 cm/7"



12-2086-13 13 cm/5"
12-2086-18 18 cm/7"

Bone Instruments

Wire Cutting Pliers
Drahtschneidezangen

Pince coupante fil
Alicates de corte de alambre

For soft wire
with a diam. of max.

For hard wire
with a diam. of max.



12-2088-15
24 cm/9 1/2"
4.0 mm
3.5 mm



12-2089-18
18.5 cm/7 1/4"
1.7 mm
1.7 mm



2.0 mm
1.5 mm
12-2090-15
15 cm/6"



2.0 mm
2.0 mm
12-2091-16
16 cm/6 1/4"

Bone Instruments

Wire Cutting Pliers
Drahtschneidezangen

Pince coupante fil
Alicates de corte de alambre

 **WITTEX**
International

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12-2092-12
12 cm/4 $\frac{3}{4}$ "

0.7 mm
0.5 mm



12-2093-15
15 cm/6"

2.0 mm
1.0 mm



12-2094-18
18 cm/7"

2.0 mm
1.7 mm

Bone Instruments

Wire Cutting Pliers
Drahtschneidezangen

Pince coupante fil
Alicates de corte de alambre



12-2095-18
18.5 cm/7 1/4"



12-2096-18
18 cm/7"

12-2097-22
22 cm/8 3/4"



12-2098-22
22 cm/8 3/4"



12-2099-47 47 cm/18 1/2"
12-2099-57 57 cm/22 1/2"

Bone Instruments

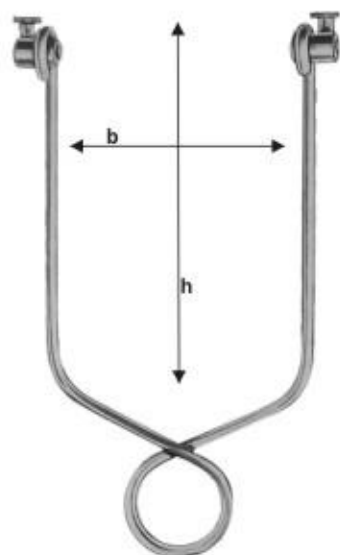
Extension Bows
Erweiterung Bögen

Arcs d'extension
Arcos de extensión

WITTEX
International

12

with 3 traction hooks
mit 3 Traktion Haken
avec 3 crochets de traction
con 3 ganchos de tracción



cm h x b	in h x b	
16 x 9	6 1/4 x 3 1/2	12-2100-16
21 X 11	8 1/4 X 4 1/2	12-2100-21
21 X 15	8" X 6"	12-2100-15



Kirschner

Clear width
lichte Breite
largeur libre
anchura libre

	cm	In
12-2101-01	9,5x7	3 3/4 x 2 3/4
12-2101-02	10,5x10,5	4 1/4 x 4 1/4
12-2101-03	12x12	4 3/4 x 4 3/4
12-2101-04	15,5x15,5	6x6
12-2101-05	20x15,5	8x6

with 3 traction hooks
mit 3 Traktion Haken
avec 3 crochets de traction
con 3 ganchos de tracción



12-2104-40

12-2104-42



Kirschner

Clear width
lichte Breite
largeur libre
anchura libre

12-2102-18
12-2102-27

cm	in
18x10	07x04
27x16	10 1/2 x 6 1/4



Kirschner

12-2103-01
12-2103-02
12-2103-03

Small Pattern
Medium Pattern
Large Pattern

Wire Strainer
Draht Strainer
Passoire fil
Colador de alambre



12-2104-20

Bone Instruments

Bone Wire, Twisting Instruments and Guides
Knochen-Wire, Zwirn-Instrumente und Guides

Fil d'os, instruments de torsion et Guides
Alambre de hueso, instrumentos giratorios y guías

12



Loute
12-2105-21
21 cm/8 1/4"

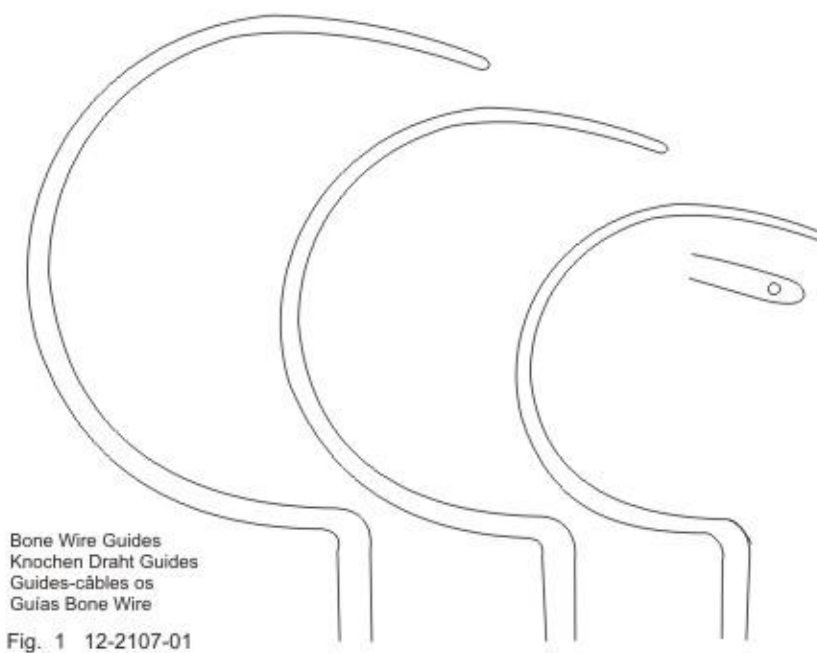
Bone Wire Tighteners
Knochen Draht Spanner
Tendeurs Fils os
Tensores de cables y Bone



Demel
12-2106-28
28 cm/11"



Demel



Bone Wire Guides
Knochen Draht Guides
Guides-câbles os
Guías Bone Wire

Fig. 1 12-2107-01
Fig. 2 12-2107-02
Fig. 3 12-2107-03

Fig. 1

Fig. 2

Fig. 3

Bone Instruments

Bone Nail
Knochennagel

Des clous à os
Bone uñas

WITTEX
International

12



length Schanz

Ø 5 mm	
8 cm	12-2108-08
10 cm	
12 cm	12-2108-12
14 cm	
15 cm	12-2108-15
16 cm	
17 cm	12-2108-17
18 cm	
20 cm	12-2108-20
22 cm	
25 cm	12-2108-25
30 cm	



with triangular end
mit dreieckigem Ende
avec extrémité triangulaire
con extremo triangular



with trocar point
mit Trokarspitze
avec pointe trocart
con punto de trocart

Steinmann

Length Länge longueur longitud	Ø 4 mm	Ø 4.5 mm	Ø 5 mm
8 cm	12-2109-08	12-2110-08	12-2111-08
10 cm	12-2109-10	12-2110-10	12-2111-10
12 cm	12-2109-12	12-2110-12	12-2111-12
14 cm	12-2109-14	12-2110-14	12-2111-14
15 cm			
16 cm	12-2109-16	12-2110-16	12-2111-16
17 cm			
18 cm	12-2109-18	12-2110-18	12-2111-18
20 cm	12-2109-20	12-2110-20	12-2111-20
22 cm	12-2109-22	12-2110-22	12-2111-22
25 cm	12-2109-25	12-2110-25	12-2111-25
30 cm	12-2109-30	12-2110-30	12-2111-30

Bone Instruments

Mallets
Mallets

Maillets
mazos



22 cm/8 1/2"

300 g 12-2112-10
500 g 12-2112-35
600 g 12-2112-50
940 g 12-2112-70



with interchangeable
mit austauschbaren
avec interchangeables
intercambiable con

Ø 30 mm
215 g

12-2113 -24
24.5 cm/8 3/4"



Ø 30 mm
400 g

Ø 42 mm



Ø 45 mm
300 g



Ø 25 mm
140 g



12-2114 -24
24 cm/9 1/2"



Bergmann
12-2115-24
24 cm/9 1/2"



12-2116-18
18 cm/7"

Bone Instruments

Mallets
Maillets

Maillets
mazos

WITTEX
International

12



150 g

Williger
12-2117-23
23 cm/9"



Ø 30 mm
460 g

Bergmann
12-2118-23
23 cm/9"



1 Side Flat
1 Side Convex

Cottle
12-2119-19
Ø 30 mm
19 cm/7 1/2"
350 g



Ø 42 mm
400 g

Ø 42 mm
250 g

12-2120-24
24cm/9 1/2"



Ø 30 mm

Ombredanne
12-2121-24
23.5cm/9 1/4"



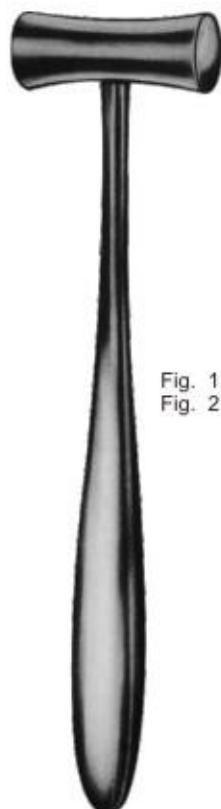
Ø 40 mm

Heath
12-2122-18
18 cm/7"

Bone Instruments

Mallets
Mallets

Maillets
mazos



Lucae
19 cm/7½"

Fig. 1 12-2123-19 19mm Ø 230 g
Fig. 2 12-2123-25 25mm Ø 260 g



320 g
Ø 26 mm

Mead
12-2124-17
17 cm/6¾"



Williger
12-2125-16
16.5 cm/6½"



165 g
Ø 22 mm

12-2126-19
19 cm/7½"



Gerzog
12-2127-19
19 cm/7½"



200 g
22 mm Ø
(7 oz.)

Partsch
12-2128-18
18 cm/7"

Bone Instruments

Tendon Seizing Instruments
Tendon ergriff Instruments

Tendon Instruments Saisir
Aprovechar los instrumentos del tendón

WITTEX
International

12



Fischer
12-2129-31
31 cm/12 1/4"



Brand



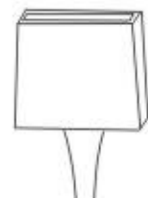
12-2130-50
50 cm/19 1/2"
6 mm Ø



12-2131-30
30 cm/12"
3 mm Ø



Brand
12-2132-50
50 cm/19 1/2"



6 x 14 mm

Tendon Strippers
Sehnen Strippers
Décapants tendon
Strippers tendón



mm Ø
4.0 12-2133-40
4.5 12-2133-45
5.5 12-2133-55

Flexible Shaft
flexible Welle
arbre flexible
eje flexible



Steinmann
12-2134-50
16 cm/6 1/5"

Bone Instruments

Tendon Seizing Instruments
Tendon ergriff Instruments

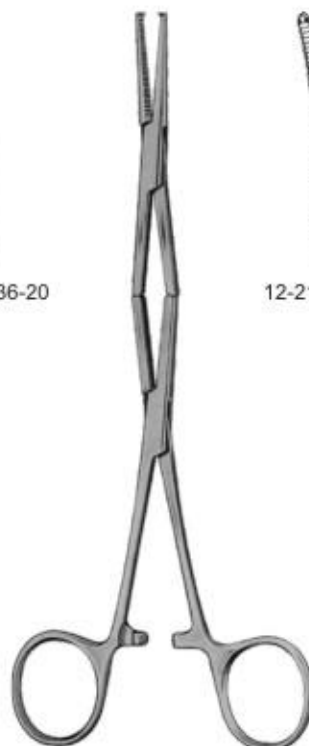
Tendon Instruments Saisir
Aprovechar los instrumentos del tendón



Steinmann
12-2135-13
13 cm/5"



12-2136-20



12-2137-20

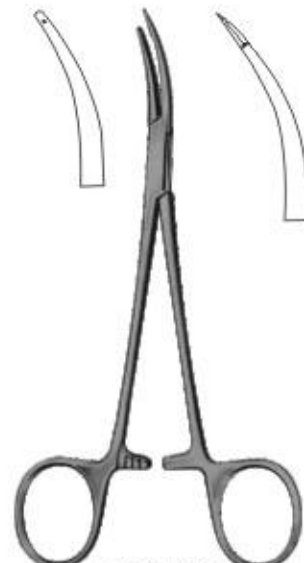
20 cm/8"



Carol
12-2138-11
11 cm/4½"



12-2139-15
15 cm/6"



12-2140-15
15 cm/6"

Bone Instruments

Tendon Seizing Instruments
Tendon ergriff Instruments

Tendon Instruments Saisir
Aprovechar los instrumentos del tendón

WITTEX
International

12



Kleinert-Kutz
12-2141-20
16 cm/8"



Brand
12-2142-15 16 cm/6"
12-2142-19 19 cm/7½"
12-2142-24 24 cm/9½"



Brand
12-2143-15 16 cm/6"
12-2143-19 19 cm/7½"
12-2143-24 24 cm/9½"