

General Instruments

Plaster Knives, Saw and Cast Breakers
Gips Messer, Säge-und Cast Breakers

Breakers Couteaux plâtre, de sciage et de Cast
Cuchillos de yeso, de sierra y el Elenco Breakers



Hopkins
U12-8819A-20
20 cm/8"



Esmarch
U12-8819-18
18 cm/7"



Reiner
U12-8820-18
18.5 cm/7¼"

Plaster Saw
Gipssäge
plâtre de scie
yeso Saw



Engel
U12-8821-14
14cm/5½"



Hennig
U12-8822-28
28 cm/11"



Beeson
U12-8823-30
30 cm/12"



Haglund-Stille
U12-8824-28
28 cm/11"



Mod. USA
U12-8825-23
23 cm/9"

General Instruments

Plaster Instruments Instruments de plâtre
Gips Instruments Instruments de yeso



Wolf

U12-8826-18 18cm/7"
U12-8826-24 24cm/9½"



Stille

U12-8827-24
24cm/9½"



Stille

U12-8828-23 23cm/9"
U12-8828-26 26cm/9¼"
U12-8828-37 37cm/14½"

Bone Instruments

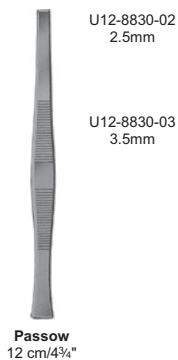
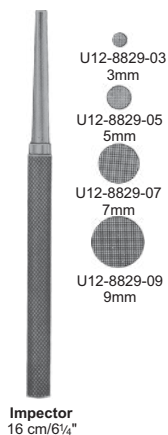
Bone Chisels & Gouges

Knochenmeißeln & Gouges

Bone ciseaux et gouges

Cinceles y Gouges

12



Bone Instruments

Bone Chisels, Gouges and Osteotomes
Knochenmeißeln, Gouges und Osteotome

Bone ciseaux, gouges et ostéotomes
Cinceles, formones y osteotomos



Width
Breite
largeur
ancho

mm

04	U12-8835-04	U12-8836-04	U12-8837-04
06	U12-8835-06	U12-8836-06	U12-8837-06
08	U12-8835-08	U12-8836-08	U12-8837-08
10	U12-8835-10	U12-8836-10	U12-8837-10
12	U12-8835-12	U12-8836-12	U12-8837-12
14	U12-8835-14	U12-8836-14	U12-8837-14
16	U12-8835-16	U12-8836-16	U12-8837-16
13.5 cm/5 1/4"			



mm

Parsch

02	U12-8838-02	U12-8839-02
03	U12-8838-03	U12-8839-03
04	U12-8838-04	U12-8839-04
05	U12-8838-05	U12-8839-05
06	U12-8838-06	U12-8839-06
07	U12-8838-07	U12-8839-07
08	U12-8838-08	U12-8839-08
13.5 cm/5 1/4"		17 cm/6 3/4"

Parsch

U12-8840-02	U12-8841-02
U12-8840-03	U12-8841-03
U12-8840-04	U12-8841-04
U12-8840-05	U12-8841-05
U12-8840-06	U12-8841-06
U12-8840-07	U12-8841-07
U12-8840-08	U12-8841-08
13.5 cm/5 1/4"	17cm/6 3/4"

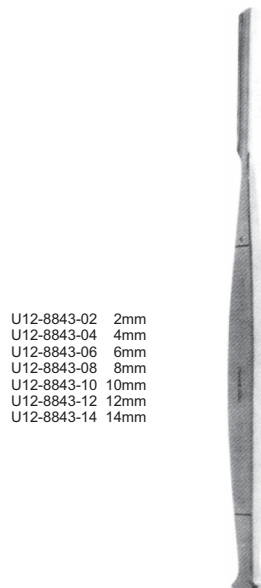


U12-8842-04	4mm
U12-8842-06	6mm
U12-8842-08	8mm
U12-8842-10	10mm
U12-8842-12	12mm
U12-8842-14	14mm

Poirioer
16cm/6"



Poirioer
16cm/6"



U12-8843-02	2mm
U12-8843-04	4mm
U12-8843-06	6mm
U12-8843-08	8mm
U12-8843-10	10mm
U12-8843-12	12mm
U12-8843-14	14mm

U12-8844-04	4mm
U12-8844-06	6mm
U12-8844-08	8mm
U12-8844-10	10mm
U12-8844-12	12mm
U12-8844-14	14mm

Poirier Triuat
20cm/8"

Bone Instruments

Bone Chisels, Gouges and Osteotomes
Knochenmeißeln, Gouges und Osteotome

Bone ciseaux, gouges et ostéotomes
Cinceles, formones y osteotomos

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Hautant
13 cm/5"

-  U12-8845-02 2 mm
-  U12-8845-04 4 mm
-  U12-8845-05 5 mm
-  U12-8845-06 6 mm
-  U12-8845-08 8 mm
-  U12-8845-10 10 mm
-  U12-8845-12 12 mm



Judet
22 cm/8³/₄"

-  U12-8846-10 10 mm
-  U12-8846-15 15 mm
-  U12-8846-20 20 mm
-  U12-8846-25 25 mm
-  U12-8846-30 30 mm
-  U12-8846-35 35 mm



Cauchoix
25 cm/10"

-  U12-8847-08 8 mm
-  U12-8847-10 10 mm
-  U12-8847-12 12 mm
-  U12-8847-14 14 mm
-  U12-8847-16 16 mm
-  U12-8847-18 18 mm
-  U12-8847-20 20 mm
-  U12-8847-25 25 mm



Cauchoix
25 cm/10"

-  U12-8848-16 16 mm
-  U12-8848-18 18 mm
-  U12-8848-20 20 mm
-  U12-8849-16 16 mm
-  U12-8849-18 18 mm
-  U12-8849-20 20 mm

Bone Instruments

Bone Chisels, Gouges and Osteotomes
Knochenmeißeln, Gouges und Osteotome

Bone ciseaux, gouges et ostéotomes
Cinceles, formones y osteotomos



Farabeuf
21 cm/8 1/4"

- U12-8850-10 10mm
- U12-8850-15 15mm
- U12-8850-20 20mm
- U12-8850-25 25mm
- U12-8850-30 30mm



Farabeuf
25 cm/10"

- U12-8851-06 6mm
- U12-8851-08 8mm
- U12-8851-10 10mm
- U12-8851-12 12mm
- U12-8851-15 15mm
- U12-8851-20 20mm
- U12-8851-25 25mm
- U12-8851-30 30mm



Maceven
20 cm/8"

- U12-8852-10 10mm
- U12-8852-15 15mm
- U12-8852-20 20mm

Bone Instruments

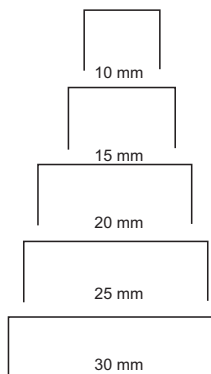
Bone Chisels, and Gouges
Knochenmeißeln, und Gouges

Bone ciseaux, et gouges
Cinceles, formones y

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Lexer
27.5 cm/10¾"



U12-8853-10
U12-8853-15
U12-8853-20
U12-8853-25
U12-8853-30



U12-8854-10
U12-8854-15
U12-8854-20
U12-8854-25
U12-8854-30



Alexander
18 cm/7"

U12-8855-04
U12-8855-06
U12-8855-08
U12-8855-10
U12-8855-12
U12-8855-14

mm
04
06
08
10
12
14

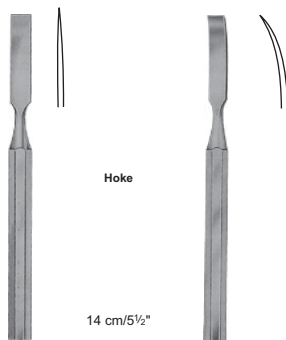


U12-8856-04
U12-8856-06
U12-8856-08
U12-8856-10
U12-8856-12
U12-8856-14

Bone Instruments

Bone Chisels, Gouges and Osteotomes
Knochenmeißeln, Gouges und Osteotome

Bone ciseaux, gouges et ostéotomes
Cinceles, formones y osteotomos



	mm	
U12-8857-02	2	U12-8858-02
U12-8857-03	3	U12-8858-03
U12-8857-04	4	U12-8858-04
U12-8857-05	5	U12-8858-05
U12-8857-06	6	U12-8858-06
U12-8857-07	7	U12-8858-07
U12-8857-08	8	U12-8858-08



Smith-Petersen
20 cm/8"



mm				
06	U12-8859-06	U12-8860-06	U12-8861-06	U12-8862-06
09	U12-8859-09	U12-8860-09	U12-8861-09	U12-8862-09
13	U12-8859-13	U12-8860-13		
14			U12-8861-14	U12-8862-14
16	U12-8859-16	U12-8860-16	U12-8861-16	U12-8862-16
19	U12-8859-19	U12-8860-19	U12-8861-19	U12-8862-19
25	U12-8859-25	U12-8860-25	U12-8861-25	U12-8862-25
32	U12-8859-32	U12-8860-32	U12-8861-32	U12-8862-32

Bone Instruments

Bone Chisels, Gouges and Osteotomes
Knochenmeißeln, Gouges und Osteotome

Bone ciseaux, gouges et ostéotomes
Cinceles, formones y osteotomos

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Lambotte
mm

U12-8863-04	04	U12-8864-04
U12-8863-06	06	U12-8864-06
U12-8863-08	08	U12-8864-08
U12-8863-10	10	U12-8864-10
U12-8863-13	13	U12-8864-13
U12-8863-16	16	U12-8864-16
U12-8863-18	18	U12-8864-18
U12-8863-20	20	U12-8864-20
U12-8863-25	25	U12-8864-25
U12-8863-30	30	U12-8864-30
U12-8863-38	38	U12-8864-38
U12-8863-44	44	U12-8864-44
U12-8863-50	50	U12-8864-50

24 cm/9 1/2"

23 cm/9"



Mini-Lambotte
mm

U12-8865-02	02	U12-8866-02
U12-8865-03	03	U12-8866-03
U12-8865-04	04	U12-8866-04
U12-8865-06	06	U12-8866-06
U12-8865-08	08	U12-8866-08
U12-8865-10	10	U12-8866-10
U12-8865-12	12	U12-8866-12
U12-8865-15	15	U12-8866-15

12.5 cm/5"

17 cm/6 3/4"



Mini-Lexer
mm

U12-8867-04	04	U12-8868-04
U12-8867-06	06	U12-8868-06
U12-8867-08	08	U12-8868-08
U12-8867-10	10	U12-8868-10
U12-8867-12	12	U12-8868-12

18 cm/7"



Lexer
mm

U12-8869-05	05	U12-8870-05
U12-8869-07	07	U12-8870-07
U12-8869-10	10	U12-8870-10
U12-8869-15	15	U12-8870-15
U12-8869-20	20	U12-8870-20
U12-8869-25	25	U12-8870-25
U12-8869-30	30	U12-8870-30

22 cm/8 3/4"



Bone Instruments

Bone Chisels, and Gouges
Knochenmeißeln, und Gouges

Bone ciseaux, et gouges
Cinceles, formones y



Chisel
U12-8871-20
24.5 cm/9¾"
20 mm



Chisel-Curved
U12-8872-20
26.5 cm/10½"
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



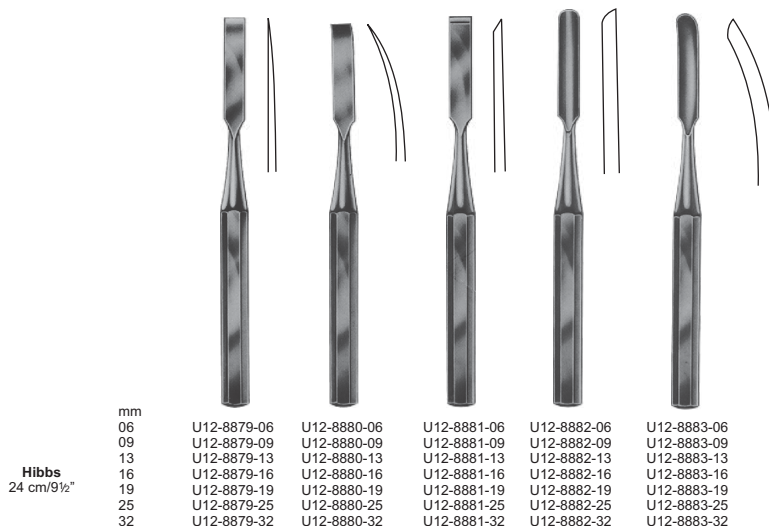
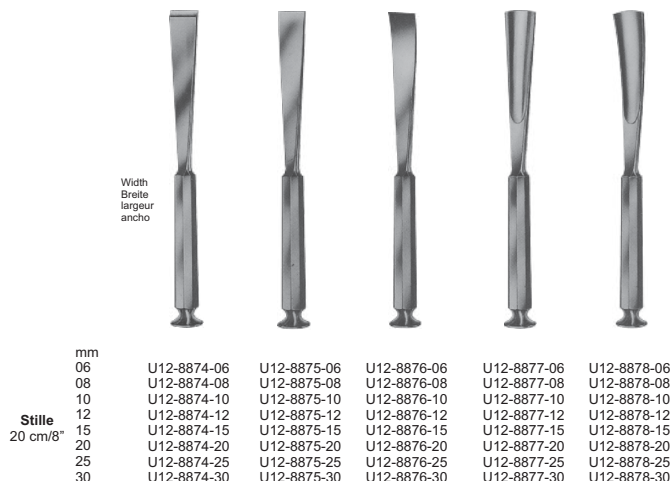
U12-8873-22
22 cm/8¾"

Bone Instruments

Bone Chisels, Gouges and Osteotomes
Knochenmeißeln, Gouges und Osteotome

Bone ciseaux, gouges et ostéotomes
Cinceles, formones y osteotomos

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mm **Lexer**
05 U12-8884-05
10 U12-8884-10
15 U12-8884-15

28 cm/11"



Lexer
U12-8885-05
U12-8885-10
U12-8885-15

25 cm/10"



Lexer
U12-8886-05
U12-8886-10
U12-8886-15

25 cm/10"



U12-8887-01



U12-8887-02



U12-8888-03



Cobb
28 cm/11"

U12-8889-04

Bone Instruments

Bone Currettes Currettes osseuses
Scharfe Löffel Curetas óseas

12

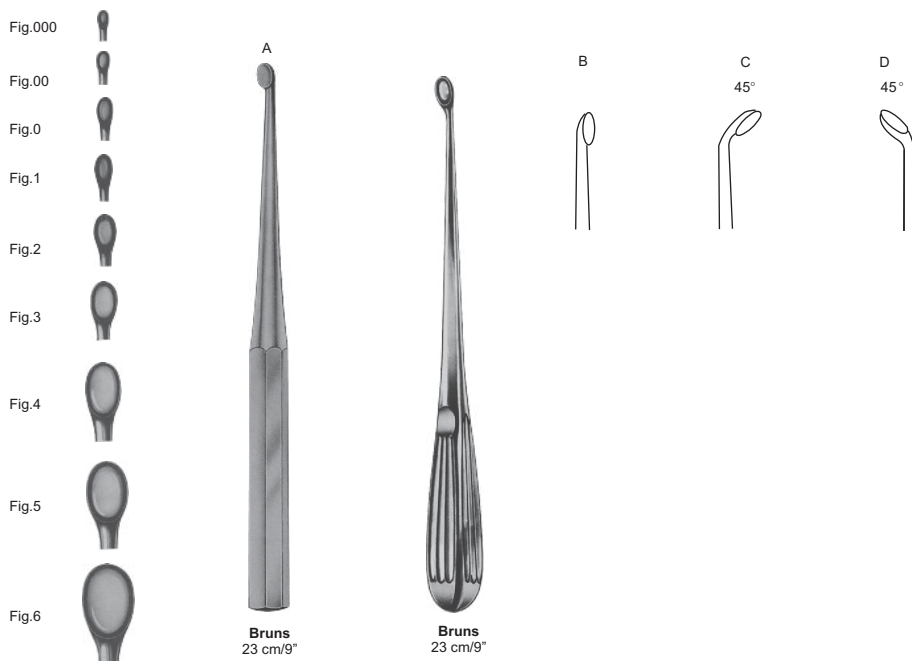


Fig.	A	B	C	D
000	U12-8890-30	U12-8891-30	U12-8892-30	U12-8893-30
00	U12-8890-20	U12-8891-20	U12-8892-20	U12-8893-20
0	U12-8890-10	U12-8891-10	U12-8892-10	U12-8893-10
1	U12-8890-01	U12-8891-01	U12-8892-01	U12-8893-01
2	U12-8890-02	U12-8891-02	U12-8892-02	U12-8893-02
3	U12-8890-03	U12-8891-03	U12-8892-03	U12-8893-03
4	U12-8890-04	U12-8891-04	U12-8892-04	U12-8893-04
5	U12-8890-05	U12-8891-05	U12-8892-05	U12-8893-05
6	U12-8890-06	U12-8891-06	U12-8892-06	U12-8893-06

12

Bone Instruments

Bone Curettes Curettes osseuses
Scharfe Löffel Curetas óseas



Volkmann
17 cm/6¾"

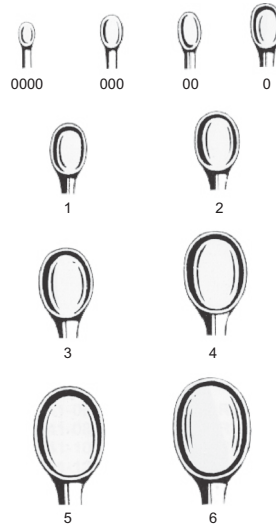


Fig.
0000 U12-8894-40
000 U12-8894-30
00 U12-8894-20
0 U12-8894-10
1 U12-8894-01
2 U12-8894-02
3 U12-8894-03
4 U12-8894-04
5 U12-8894-05
6 U12-8894-06



Volkmann
17 cm/6¾"

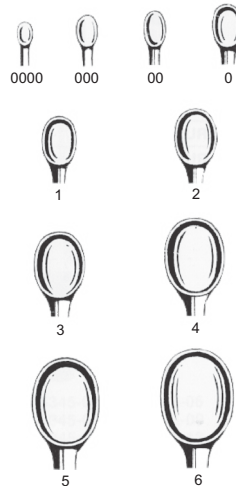
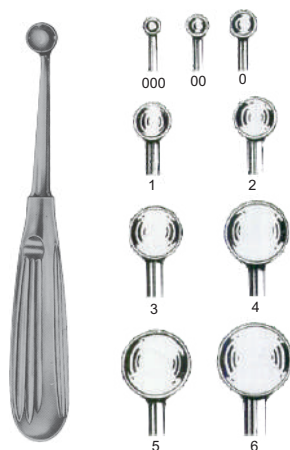


Fig.
0000 U12-8895-40
000 U12-8895-30
00 U12-8895-20
0 U12-8895-10
1 U12-8895-01
2 U12-8895-02
3 U12-8895-03
4 U12-8895-04
5 U12-8895-05
6 U12-8895-06

Bone Instruments

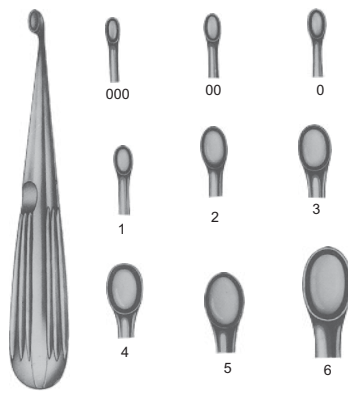
Bone Curettes Curettes osseuses
Scharfe Löffel Curetas óseas

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Brunns
17 cm/6¾"

Brunns	Fig.	Spratt
U12-8896-30	000	U12-8897-30
U12-8896-20	00	U12-8897-20
U12-8896-10	0	U12-8897-10
U12-8896-01	1	U12-8897-01
U12-8896-02	2	U12-8897-02
U12-8896-03	3	U12-8897-03
U12-8896-04	4	U12-8897-04
U12-8896-05	5	U12-8897-05
U12-8896-06	6	U12-8897-06



Spratt
16 cm/6¼"



Swedish pattern

mm	Round	Oval
2	U12-8898-02	U12-8899-03
3	U12-8898-03	U12-8899-04
4	U12-8898-04	U12-8899-05
5	U12-8898-05	U12-8899-06
6	U12-8898-06	U12-8899-07
7	U12-8898-07	U12-8899-08
8	U12-8898-08	U12-8899-10
10	U12-8898-10	U12-8899-12
12	U12-8898-12	U12-8899-14
14	U12-8898-14	22cm/8"
	17cm/6¾"	½"

Bone Instruments

Bone Curettes Curettes osseuses
Scharfe Löffel Curetas óseas



Schede
17 cm/6³/₄"

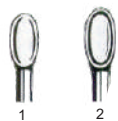


Fig.	
000	U12-8900-30
00	U12-8900-20
0	U12-8900-10
1	U12-8900-01
2	U12-8900-02
3	U12-8900-03
4	U12-8900-04



Williger
17.5 cm/7"



	Straight, Oval
	Gerade, Oval
	Droite, ovale
	Oval Straight,
U12-8901-20	
U12-8901-10	
U12-8901-01	
U12-8901-02	



	Straight
	gerade
	droit
	recto
Fig.	U12-8902-20
00	U12-8902-10
0	U12-8902-01
1	U12-8902-02
2	



U12-8903-01

Uffenorde
17 cm/6³/₄"



U12-8904-02

Bone Instruments

Bone Curettes Curettes osseuses
Scharfe Löffel Curetas óseas

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Fig. 0
U12-8905-10

Fig. 1
U12-8905-01

Fig. 2
U12-8905-02

Fig. 3
U12-8905-03

Fig. 1
U12-8906-01

Fig. 2
U12-8906-02

Fig. 3
U12-8906-03

Fig. 4
U12-8906-04

Fig. 5
U12-8906-05

Fig. 6
U12-8906-06

Fig. 0000
U12-8907-40

Fig. 000
U12-8907-30

Fig. 00
U12-8907-20

Fig. 0
U12-8907-10

Fig. 00
U12-8908-20

Fig. 0
U12-8908-10

Fig. 1
U12-8908-01

Fig. 2
U12-8908-02



Volkmann
27 cm/10½"
U12-8905-00



Simon
24 cm/9½"
U12-8906-00



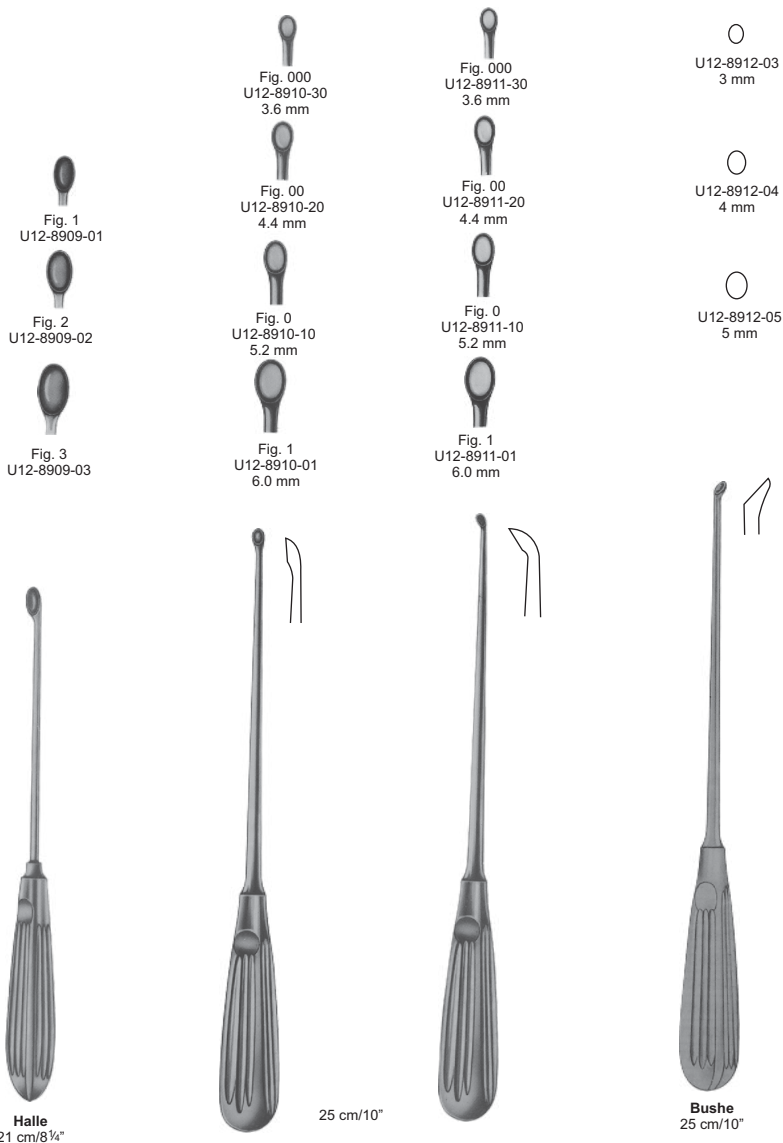
Simon
24 cm/9½"
U12-8907-00



Daubenspeck
20 cm/8"
U12-8908-00

Bone Curettes

Bone Curettes Curettes osseuses
Scharfe Löffel Curetas óseas



Bone Instruments

Bone Curettes

Scharfe Löffel

Curettes osseuses

Curetas óseas

12



U12-8913-21
21 cm/8 1/4"



Epstein



Spinal



Spinal

Fig.			
000	U12-8914-30	U12-8915-30	U12-8916-30
00	U12-8914-20	U12-8915-20	U12-8916-20
0	U12-8914-10	U12-8915-10	U12-8916-10
1	U12-8914-01	U12-8915-01	U12-8916-01
2	U12-8914-02	U12-8915-02	U12-8916-02
3	U12-8914-03	U12-8915-03	U12-8916-03
4	U12-8914-04	U12-8915-04	U12-8916-04
5	U12-8914-05	U12-8915-05	U12-8916-05
6	U12-8914-06	U12-8915-06	U12-8916-06
	20 cm/8"	20 cm/8"	20 cm/8"

Bone Instruments

Bone Curettes Curettes osseuses
Scharfe Löffel Curetas óseas



Martini
13.5 cm/5"



Jansen
U12-8918-15
15 cm/6"



Volkman		Volkman
Length	Oval/Oval	Oval/Round
cm	in	
13	5"	U12-8919-13 U12-8920-13
14	5½"	U12-8919-14
16	6¼"	U12-8920-16
17	6¾"	U12-8919-17
20	8"	U12-8919-20 U12-8920-20



Janson
U12-8921-15
15 cm/6"



Barth
U12-8922-18
18 cm/7"



Jansen
U12-8923-16
16 cm/6¼"



Williger
13.5 cm/5"



Jacobson
U12-8925-13
13 cm/5"

Bone Instruments

Bone Files and Rasps
Knochen-Feilen und Raspeln

Fichiers os et râpes
Archivos de hueso y Escofinas

12



Putti
U12-8926-30
30 cm/12"



Putti
U12-8927-27
27 cm/10½"



U12-8928-25
25 cm/10"



U12-8929-24
24 cm/9½"



U12-8930-22
22 cm/8¾"



Bone Instruments

Periosteal Raspatories
Periostale Raspatories

Périostée Couronne Instruments
Raspatories periostio



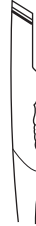
Farabeuf-Collin
U12-8931-15
15.5 cm/6"
11 mm



Farabeuf-Collin
U12-8932-15
15.5 cm/6"
11 mm



Farabeuf
U12-8933-15
15 cm/6"



Farabeuf
U12-8934-15
15 cm/6"



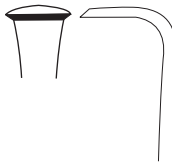
Sedillot
U12-8935-18
18 cm/7"
18 mm



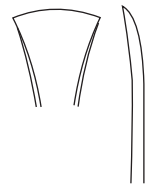
Sedillot
U12-8936-21
21 cm/8¼"
15 mm



Langenbeck
U12-8937-18
18 cm/7"



Langenbeck
U12-8938-19
19 cm/7½"



Bone Instruments

Periosteal Raspatories
Periostale Raspatories

Périostée Couronne Instruments
Raspatories periostio

12



Alexander
U12-8939-20
20 cm/8"



Lambotte
21 cm/8¼"

	mm
U12-8940-05	05
U12-8940-10	10
U12-8940-15	15
U12-8940-20	20
U12-8940-25	25



Schneider
U12-8941-17
17.5 cm/7"
13 mm



Schneider-Sauerbruch
U12-8942-19
19 cm/7½"
13 mm



Jansen
U12-8943-16
16.5 cm/6½"
15 mm



Seldin
U12-8944-19
19 cm/7½"



Davidson-Alexander
U12-8945-29
29 cm/11½"



Williger
U12-8946-13
13 cm/5"

12

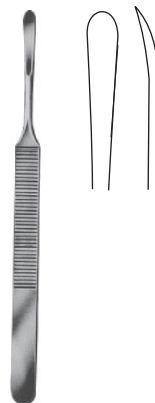
Bone Instruments

Periosteal Raspatories
Periostale Raspatories

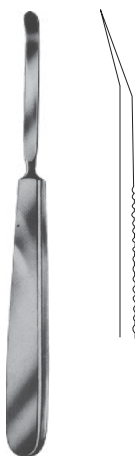
Périostée Couronne Instruments
Raspatories periostio



Williger
U12-8947-16
16 cm/6 1/4"



Konig
U12-8948-15
15.5 cm/6"
5 mm



U12-8949-06 17 cm/6 3/4"
6 mm

U12-8950-08
8 mm



U12-8951-01

U12-8951-02

U12-8951-03

U12-8951-04

Adson
17 cm/6 3/4"

Bone Instruments

Periosteal Raspatories
Periostale Raspatories

Périostée Couronne Instruments
Raspatories periostio

12



12

Bone Instruments

Periosteal Raspatories
Periostale Raspatories

Périostée Couronne Instruments
Raspatories periostio



Cobb
24 cm/9½"



U12-8957-04
4 mm



U12-8957-06
6 mm



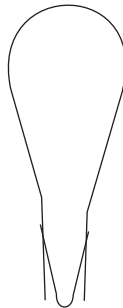
U12-8957-08
8 mm



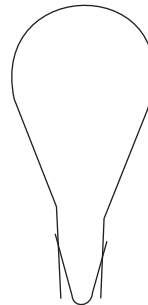
U12-8957-10
10 mm



U12-8957-13
13 mm



U12-8957-19
19 mm



U12-8957-25
25 mm

Bone Instruments

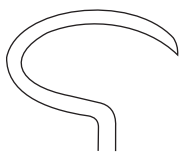
Periosteal Raspatories
Periostale Raspatoires

Périostée Couronne Instruments
Raspatories periostio

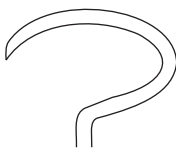
12



Doyen
17 cm/6¾"



U12-8958-01



U12-8958-02



U12-8959-01



U12-8959-02



U12-8960-01



Doyen
24 cm/9½"
U12-8961-01



U12-8961-02



Semb



U12-8962-01
19.5 cm/7½"
12 mm



U12-8962-02
19.5 cm/7½"
12 mm



U12-8962-03
19.5 cm/7½"
12 mm



U12-8962-04
22 cm/8¾"
13 mm



U12-8962-05
21.5 cm/8½"
13 mm



U12-8962-06
22 cm/8½"
15 mm



U12-8962-07
22 cm/8½"
15 mm

Bone Instruments

Periosteal Raspatories
Periostale Raspatories

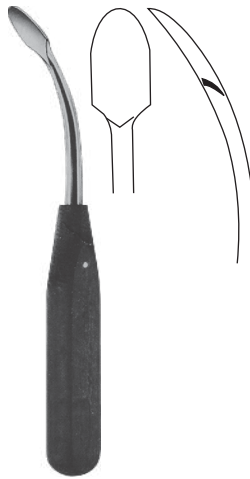
Périostée Couronne Instruments
Raspatories periostio



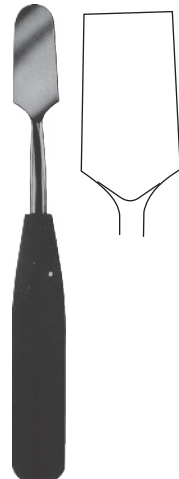
U12-8963-05
18.5 cm/7 1/4"
13 mm



U12-8964-06
19.5 cm/7 3/4"
14 mm



U12-8965-07
18.5 cm/7 1/4"
14 mm



U12-8966-08
20 cm/8 "
20 mm



U12-8967-01
19 cm/7 1/2"
6 mm



U12-8968-02
18.5 cm/7 1/4"
3 mm



U12-8969-03
18.5 cm/7 1/4"
6 mm



U12-8970-04
18.5 cm/7 1/4"
6 mm

Bone Instruments

Periosteal Raspatories
Periostale Raspatories

Périostée Couronne Instruments
Raspatories periostio

12



U12-8971-20
27.5 cm/10¾"
20 mm



Wagner

8 mm U12-8972-08 33 cm/13"
17 mm U12-8972-17 33 cm/13"



Cobb

10 mm U12-8973-10 25 cm/10"
13 mm U12-8973-13 25 cm/10"
19 mm U12-8973-19 25 cm/10"
25 mm U12-8973-25 25 cm/10"



Cobb

10 mm U12-8974-10 28 cm/11"
13 mm U12-8974-13 28 cm/11"
19 mm U12-8974-19 28 cm/11"

Bone Instruments

Elevators Ascenseurs
Aufzüge Ascensores



Langenbeck
U12-8975-20
20 cm/8"
8 mm



Langenbeck
U12-8976-20
20 cm/8"
10 mm



U12-8977-07
16 cm/6¼"
7 mm

U12-8977-15
18.5 cm/7¼"
15 mm

U12-8977-20
19 cm/7½"
20 mm



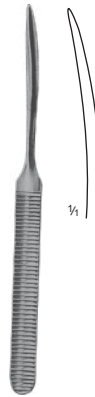
Yankauer
U12-8978-18
18 cm/7"



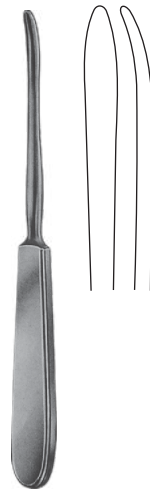
Langenbeck
U12-8979-23
23 cm/9"
11 mm



Williger
U12-8980-16
16 cm/6¼"



Williger
U12-8981-17
17 cm/6¾"



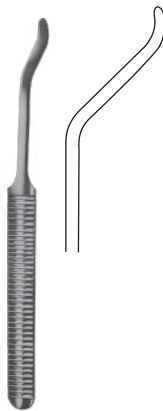
Quervain
U12-8982-20
20 cm/8"



König
U12-8983-15
15 cm/6"
4.5 mm



König
U12-8984-15
15 cm/6"
4.5 mm

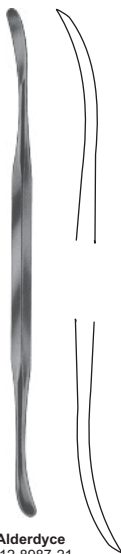
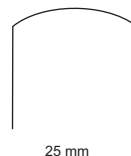
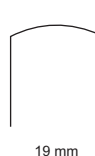


Hohman-Willinger
U12-8985-16
16 cm/6¼"



Key

6 mm	U12-8986-06	19 cm/7 ½"
12 mm	U12-8986-12	19 cm/7 ½"
19 mm	U12-8986-19	19 cm/7 ½"
25 mm	U12-8986-25	19 cm/7 ½"



Alderdyce
U12-8987-21
21 cm/8¼"



McDonald
U12-8988-19
19 cm/7 ½"



Watson-Cheyne
U12-8989-19
17.5 cm/7"

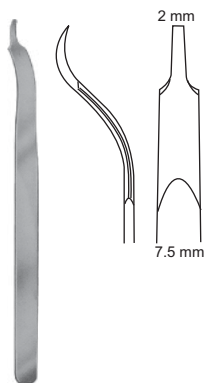


Sebilleau
U12-8990-17
17 cm/6¾"

12

Bone Instruments

Bone Levers Leviers os
Knochen-Hebel Las palancas de hueso



Buck-Gramcko
U12-8991-15
15 cm/6"



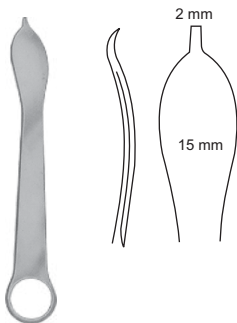
Hohmann mini
U12-8992-14
14 cm/5½"
2.8 mm



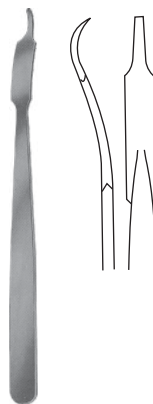
U12-8993-15
15 cm/6"
5 mm



U12-8994-15
15 cm/6"
7 mm



U12-8995-12
12.5 cm/5"



Mini-Hohmann
U12-8996-06
16 cm/6¼" 6 mm



U12-8996-08
8 mm

Bone Levers

Bone Levers

Knochen-Hebel

Leviers os

Las palancas de hueso

12



U12-8997-26
26.5 cm/10 1/2"
24 mm



Lange-Hohmann
U12-8998-26
26 cm/10 1/4"
22 mm



Hohmann
U12-8999-22
22 cm/8 3/4"
8 mm



Hohmann
24 cm/9 1/2"



U12-9000-17 17 mm
U12-9000-18 18 mm



U12-9001-17 17 mm

Bone Levers

Bone Levers Leviers os
Knochen-Hebel Las palancas de hueso



Hohmann
U12-9002-26
26 cm/10¼"
22 mm

Hohmann
U12-9003-28
28 cm/11"
33 mm

Hohmann
U12-9004-24
24 cm/9½"
43 mm

Hohmann
U12-9005-24
24.5 cm/9¾"
43 mm

Hohmann
U12-9006-24
24 cm/9½"
70 mm

Hohmann
U12-9007-22
22 cm/8¾"
18 mm



Lange-Hohmann modif
30 mm U12-9008-26 26.5 cm/10½"
33 mm U12-9008-29 29.0 cm/11½"



Hohmann-Aldinger
U12-9009-27
27 cm/10½"



Schumacher
(Wagner)
U12-9010-34
34.5 cm/13½"

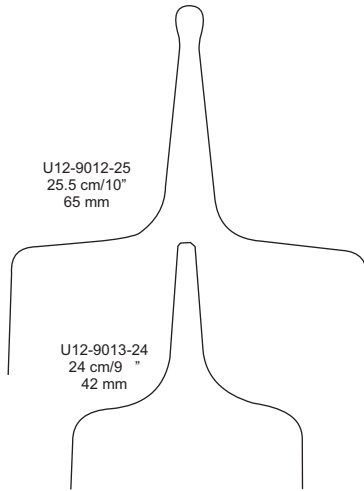


Schumacher
U12-9011-29
29 cm/11½"

12

Bone Instruments

Bone Levers Leviers os
Knochen-Hebel Las palancas de hueso



U12-9012-25
25.5 cm/10"
65 mm

U12-9013-24
24 cm/9"
42 mm



Verbrugge-Muller



Lane Trethowan
U12-9017-21
21.5 cm/8½"



Lane
U12-9015-25
25.5 cm/10"



Bristow
U12-9016-23
23 cm/9"

Bone Instruments

Bone Levers

Knochen-Hebel

Leviers os

Las palancas de hueso

12



Blount
U12-9018-26
26 cm/10¼"



Blount
U12-9019-26
26 cm/10¼"



Bennett U12-9020-43 43 mm
24 cm/9½" U12-9020-60 60 mm



Murphy-Lane
U12-9021-32
32 cm/12½"



Chandler

Length Länge longueur longitud	Width Breite largeur ancho	
18 cm	13 mm	U12-9022-13
20 cm	19 mm	U12-9022-19
23 cm	25 mm	U12-9022-23
25 cm	30 mm	U12-9022-30

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"

U12-9023-01
32x19 mm

U12-9023-02
48x19 mm

U12-9023-03
57x19 mm



U12-9023-04
52x13 mm



U12-9023-05
12x13 mm

Spinal retractors
Spinal Retraktoren
écarteurs rachidiens
retractoros de la columna vertebral



U12-9024-01
75x30 mm

U12-9024-02
100x30 mm

Taylor
17 cm/6½"

Meniscus retractors
Meniskus Retraktoren
rétracteurs de ménisque
retractoros de menisco



U12-9025-21
21.5 cm/8½"



Blount
U12-9026-17
17.5 cm/7"

Bone Instruments

Meniscotomy Knives
Meniscotomy Messer

Couteaux Meniscotomy
Cuchillos Meniscotomy

12



Smillie
U12-9027-17
17 cm/6¾"



Smillie
U12-9028-17
17 cm/6¾"



Smillie
U12-9029-17
17 cm/6¾"



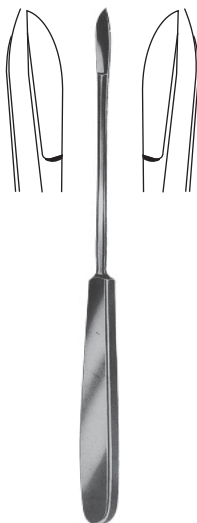
Salenius
U12-9030-22
22 cm/8¾"



Salenius
U12-9031-22
22 cm/8¾"



U12-9032-17
17.5 cm/7"



Neff
21.5 cm/8½" U12-9033-21



U12-9034-01 **Canad-Modell**
20 cm/8"



U12-9034-02



Bircher
U12-9035-20
20.5 cm/8"

Bone Instruments

Bone Holding Forceps
Knochenhaltezangen

Os Davier
Bone Pinzas



Dingmann Modif
U12-9036-19
19 cm/7½"



Dingmann
U12-9037-19
19cm/7½"



Neff
U12-9038-21
21cm/8¼"



U12-9039-20
20 cm/8"
Straight
gerade
droit
recto



U12-9040-20
20 cm/8"
Curved on Fold
Gebogene am Falt
Courbé sur Falt
Curva de Falt



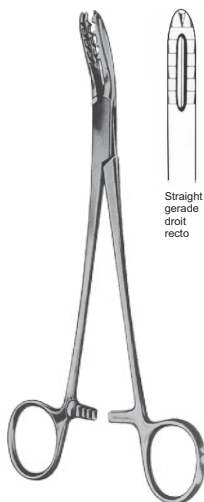
Van Buren
U12-9041-23
23 cm/9"

Bone Instruments

Bone Holding Forceps
Knochenhaltezaugen

Os Davier
Bone Pinzas

12



Straight
gerade
droit
recto

Bircher-Ganske
U12-9042-20
20 cm/8"



Bircher-Ganske
U12-9043-20
20 cm/8"



Martin
U12-9044-19
19 cm/7½"



Lewin
U12-9045-17
17.5 cm/7"



Fergusson
U12-9046-21
21 cm/8¼"



Langenbeck
U12-9047-21
21 cm/8¼"

Bone Instruments

Bone Holding Forceps
Knochenhaltezangen

Os Davier
Bone Pinzas



Without Ratchet
ohne Ratchet
Sans cliquet

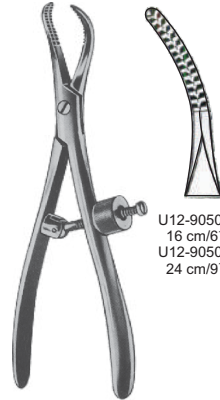
U12-9048-17
U12-9048-21

Kern

cm	in
17	6¾"
21	8¼"

With Ratchet
mit Ratchet
avec Ratchet
Con Ratchet

U12-9049-17
U12-9049-21



U12-9050-16
16 cm/6¼"
U12-9050-24
24 cm/9½"



Ulrich

U12-9051-18	18 cm/7"
U12-9051-23	23 cm/9"
U12-9051-25	25 cm/10"
U12-9051-28	28 cm/11"



Ulrich

U12-9052-18	18 cm/7"
U12-9052-23	23 cm/9"
U12-9052-25	25 cm/10"
U12-9052-28	28 cm/11"



Hey Groves

U12-9053-21	20 cm/8"
U12-9053-27	25 cm/10"
U12-9053-30	30 cm/12"

Bone Instruments

Bone Holding Forceps
Knochenhaltezangen

Os Davier
Bone Pinzas

12



Semb
U12-9054-19
19 cm/7 1/2"



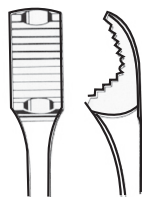
Semb
U12-9055-19
19 cm/7 1/2"



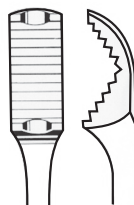
Verbrugge
U12-9056-17
17.5 cm/7"



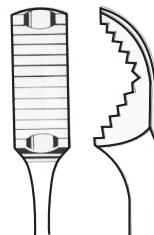
Verbrugge



U12-9057-25
25 cm/10"



U12-9058-26
26 cm/10 1/4"
Verbrugge



U12-9059-27
27 cm/10 1/2"

Bone Instruments

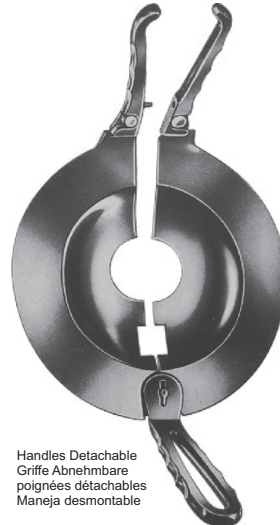
Bone Holding Forceps
Knochenhaltezaugen

Os Davier
Bone Pinzas



**Self
Centring**

U12-9060-15 15 cm/6"
U12-9060-19 19 cm/7 1/2"
U12-9060-24 24 cm/9 1/2"
U12-9060-26 26 cm/10 1/4"
U12-9060-28 28 cm/11"



Handles Detachable
Griffe Abnehmbare
poignées détachables
Maneja desmontable

Percy
U12-9061-30

Adjustable
einstellbar
réglable
ajustable



Lambotte

U12-9062-22 22 cm/8 3/4"
U12-9062-27 27 cm/10 1/2"
U12-9062-30 30 cm/12"



Farabeuf

U12-9063-23 23 cm/9"
U12-9063-26 26 cm/10 1/4"



Lambotte

U12-9064-22 22.5 cm/9"
U12-9064-25 25.5 cm/10 1/2"
U12-9064-33 33 cm/13 1/2"

Bone Instruments

Bone Holding Forceps
Knochenhaltezaugen

Os Davier
Bone Pinzas

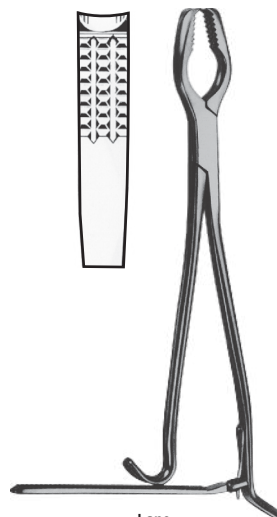
12



Farabeuf-Lambotte
U12-9065-26
26 cm/10¼"



Lambotte
U12-9066-19 19 cm/7½"
U12-9066-23 23 cm/9"
U12-9066-26 26 cm/10¼"



	Lane	
	cm in	
U12-9067-33	33 13"	U12-9068-33
U12-9067-45	45 17¾"	U12-9068-45
Without Ratchet		With Ratchet
ohne Ratchet		avec Ratchet
Sin Ratchet		Con Ratchet



U12-9069-14
14.5 cm/5¾"



U12-9070-12
12 cm/4¾"



U12-9071-13
13.5 cm/5¼"

Bone Instruments

Bone Holding Forceps and Bone Holding Clamps Os Davier et os Pinces de portefeuille Knochenhaltezeuge und Bone Halteklammern Hueso y huesos Pinzas abrazaderas que sujetan



U12-9072-20
20 cm/8"



U12-9073-17
17 cm/6¾"



U12-9074-17
17.5 cm/7"

Traction Bar
Traktion Bar
barre de traction
tracción Bar



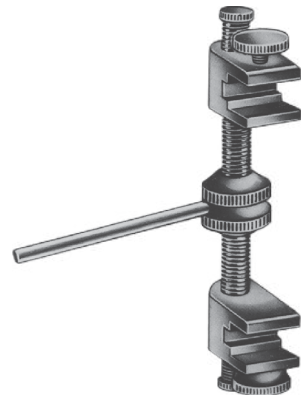
Lowman-Hoglund
U12-9075-19
19 cm/7½"



Lowman
U12-9076-18 18 cm/7"
U12-9076-20 20 cm/8"
U12-9076-22 22 cm/8 ¾"



Lowman
U12-9077-12
12 cm/4¾"



Gerster
U12-9078-18
U12-9078-50

Bone Instruments

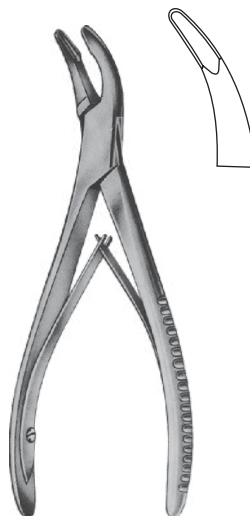
Bone Rongeur Forceps
Knochen Hohlmeißelzange

Os Rongeur Forceps
Pinzas gubia ósea

12



Clovis Vincent
U12-9079-21 21 cm/8 1/4"
U12-9079-26 26 cm/10 1/4"



Bane-Hartmann
U12-9080-17
17.5 cm/7"



Mini-Friedmann
U12-9081-12
12.5 cm/5"



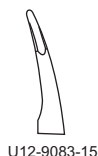
Friedmann
U12-9082-14
14 cm/5 1/2"

Bone Instruments

Bone Rongeur Forceps Os Rongeur Forceps
Knochen Hohlmeißelzange Pinzas gubia ósea



Friedmann-Delicate
15 cm/6"



U12-9083-15



U12-9083-90



Bacon
U12-9084-20
20 cm/8"



Hartmann
U12-9085-18
18.5 cm/7 1/4"



Cleveland
U12-9086-14 14 cm/5 1/2"
U12-9086-17 17 cm/6 3/4"



Olivecrona
U12-9087-20
20 cm/8"

Bone Instruments

Bone Rongeur Forceps
Knochen Hohlmeißelzange

Os Rongeur Forceps
Pinzas gubia ósea

12



Lempert

cm in U12-9088-16
16 6¼" U12-9089-16
U12-9088-19 19 7½" U12-9089-19

Straight
gerade
droit
recto

Curved
Gebogene
courbé
Curvo



Beyer

U12-9090-18
18 cm/7"



Mead

16.5 cm/6½"



U12-9091-16



U12-9092-16



Blumenthal

15.5 cm/6"



U12-9093-15



U12-9094-15



U12-9095-15



Hakansson

U12-9096-15
15.5 cm/6"



Jansen

18 cm/7"



U12-9097-17



U12-9098-17

Bone Instruments

Bone Rongeur Forceps
Knochen Hohlmeißelzange

Os Rongeur Forceps
Pinzas gubia ósea



Stille-Luer
22 cm/8¾"



U12-9099-22

Straight
gerade
droit
recto



U12-9100-22

Curved
Gebogene
courbé
Curvo



Stille-Luer
27 cm/10½"



U12-9101-27



U12-9102-27



Semb
U12-9103-23
23 cm/9"

Bone Instruments

Bone Rongeur Forceps

Knochen Hohlmeißelzange

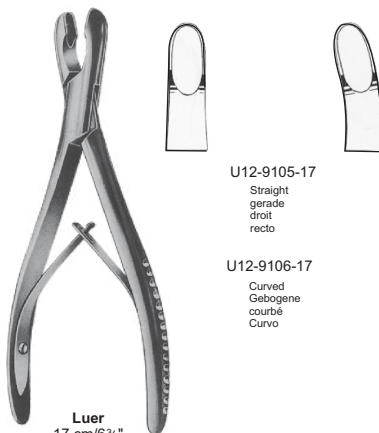
Os Rongeur Forceps

Pinzas gubia ósea

12



Jansen
U12-9104-18
18 cm/7"



U12-9105-17

Straight
gerade
droit
recto

U12-9106-17

Curved
Gebogene
courbé
Curvo

Luer
17 cm/6¾"



Heavy Pattern
schwere Pattern
modèle lourd
patrón pesado

Luer
18.5 cm/7¼"
U12-9107-15



Luer
15 cm/6"



U12-9108-15



U12-9109-15



U12-9110-15



U12-9111-20

Adson
20 cm/8"

Bone Instruments

Bone Rongeur Forceps

Knochen Hohlmeißelzange

Os Rongeur Forceps

Pinzas gubia ósea



Bohler
15cm/6"

Straight
gerade
droit
recto



U12-9112-15



U12-9113-15



Kleinert-Kutz
15cm/6"



U12-9114-15
2mm



U12-9115-15
3mm

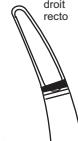


**Beyer
Zaufal-Jansen**
18 cm/7"



Zaufal-Jansen
U12-9116-18

Straight
gerade
droit
recto



Beyer
U12-9117-18



Mayfield
U12-9118-17
17 cm/6 3/4"



Ruskin
U12-9119-18
18 cm/7"

Straight
gerade
droit
recto

U12-9120-18
18 cm/7"
U12-9120-23
23 cm/9"



Ruskin



Straight
gerade
droit
recto

U12-9121-18
18 cm/7"
U12-9121-23
23 cm/9"

Bone Instruments

Bone Rongeur Forceps

Knochen Hohlmeißelzange

Os Rongeur Forceps

Pinzas gubia ósea

12



Marquardt
U12-9122-20
20 cm/8"



Rottgen-Ruskin
U12-9123-24
24 cm/9½"



Smith-Petersen
24 cm/9½"



U12-9124-03
3 mm



U12-9124-04
4 mm



U12-9124-05
5 mm



U12-9125-03
3 mm



U12-9125-04
4 mm



U12-9125-05
5 mm

Bone Instruments

Bone Rongeur Forceps

Knochen Hohlmeißelzange

Os Rongeur Forceps

Pinzas gubia ósea

12



Marquardt
U12-9122-20
20 cm/8"



Rottgen-Ruskin
U12-9123-24
24 cm/9½"



Smith-Petersen
24 cm/9½"



U12-9124-03
3 mm



U12-9124-04
4 mm



U12-9124-05
5 mm



U12-9125-03
3 mm



U12-9125-04
4 mm



U12-9125-05
5 mm

Bone Instruments

Bone Cutting Forceps
Knochensplitterzangen

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

12



Markwalder
U12-9133-20
20 cm/8"



Liston
cm
U12-9134-14 14
U12-9134-17 17
U12-9134-19 19
U12-9134-22 22

Straight
gerade
droit
recto



in
U12-9135-14 5 1/2
U12-9135-17 6 3/4
U12-9135-19 7 1/2
U12-9135-22 8 3/4

Curved
Gebogene
courbé
Curvo



Littauer-Liston
U12-9136-15
15 cm/6"



Cleveland
U12-9137-15 15 cm/6"
U12-9137-17 17 cm/6 3/4"



Bohrer
15 cm/6"

U12-9138-15
Straight
gerade
droit
recto

U12-9139-15
Curved on flat
Gebogene auf flachen
Courbé sur le plat
Curva plana en



McIndoe
U12-9140-17
17.5 cm/7"

12

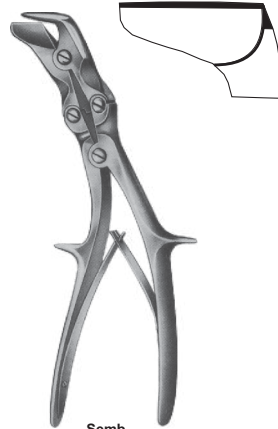
Bone Instruments

Bone Cutting Forceps
Knochensplitterzangen

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



Liston-Key (Horsley)
U12-9141-27
27 cm/10½"



Semb
U12-9142-27-24
24 cm/9½"



Kazanjian
U12-9143-27-18
18 cm/7"



Ruskin-Liston
18.5 cm/7¼"

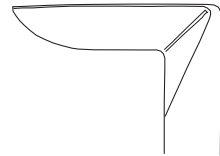
U12-9144-18
Straight
gerade
droit
recto



U12-9145-18
Curved on flat
Gebogene auf flachen
Courbé sur le plat
Curva plana en



Stille-Liston
23 cm/9"
27 cm/10½"



U12-9147A-27
27 cm/10½"



U12-9146-23
U12-9146-27



U12-9147-23
U12-9147-27

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

12

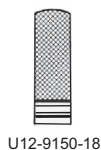


U12-9148-13
13.5 cm/5"



18 cm/7"

U12-9149-18



U12-9150-18



Radolf
U12-9151-13
13.5 cm/5 1/4"



U12-9152-17
17 cm/6 3/4"

Saw blade
Sägeblatt
lame de scie
hoja de sierra



Walton
U12-9153-17
17 cm/6 3/4"

Saw blade
Sägeblatt
lame de scie
hoja de sierra

Bone Instruments

Amputation and Resection Saws
Amputation und Resektion Sägen

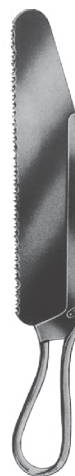
Scies d'amputation et résection
Amputación y resección Sierras



Langenbeck
U12-9154-23
23 cm/9"



Satterlee
U12-9155-31
31 cm/12 1/4"



Charriere
U12-9156-27 27 cm/10 1/2"
U12-9156-30 30 cm/12"
U12-9156-34 34 cm/13 1/2"

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

U12-9157-43 3 mm
U12-9157-45 5 mm
U12-9157-47 7 mm

Complete with 3 blades
Komplett mit 3 Klingen
Livré avec 3 lames
Completo con 3 cuchillas
U12-9157-39



Helferich-Bier

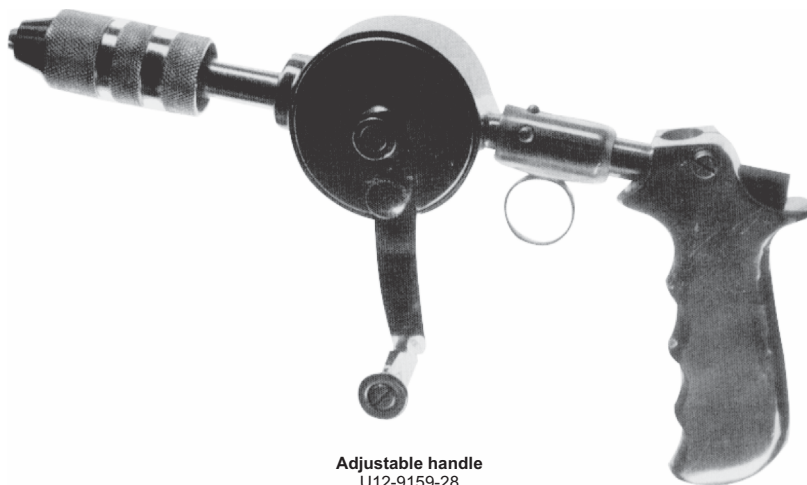
Spare saw blades
Spare Sägeblättern
Lames de scie de rechange
Cuchillas de recambio sierra

U12-9158-12 12 mm
U12-9158-15 15 mm

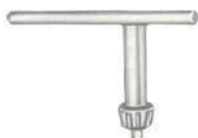
Complete with 2 blades
Komplett mit 2 Klingen
Livré avec 2 lames
Completo con 2 cuchillas
U12-9158-35



Charriere



Adjustable handle
U12-9159-28
28cm/11"



U12-9160-11

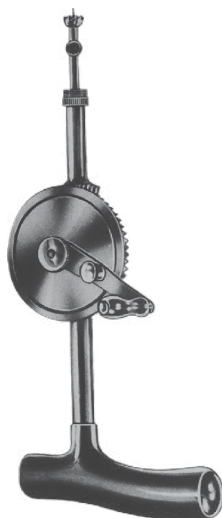
Key only
Key nur
seule clé
clave única



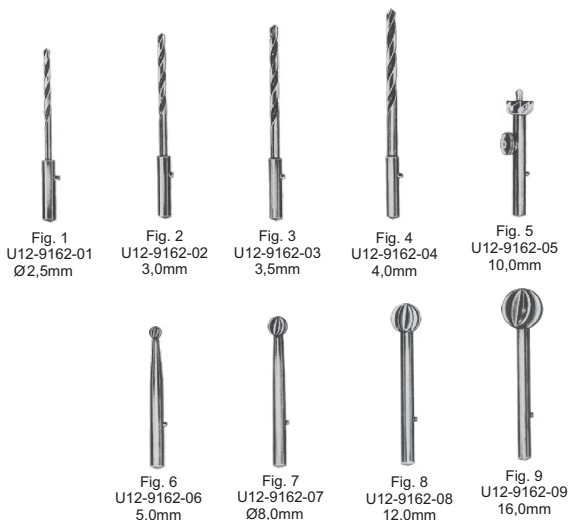
Ralk
U12-9161-00
accomodating up to 6.35mm Ø

Bone Instruments

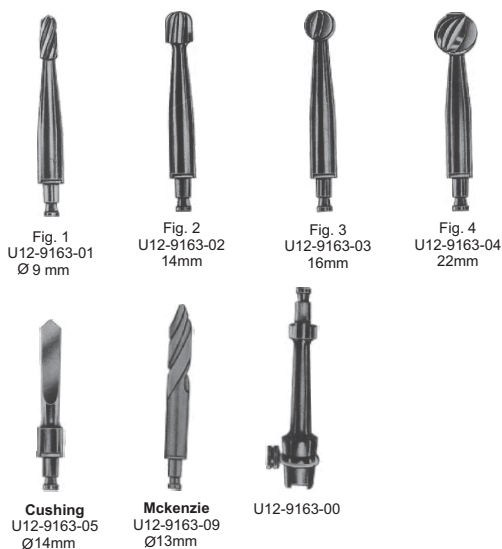
Bone Drills Perceuses os
Bone Drills Bone Drills



Stille
U12-9162-00



Hudson
U12-9163-00
27cm/10½"



Bone Instruments

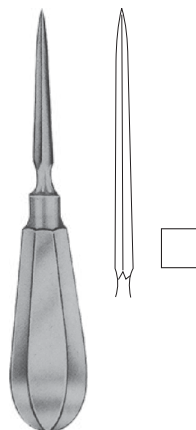
Drill Guide and Dura Protecting Forceps
Bohrerführung und Dura Schutz Zange

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

12



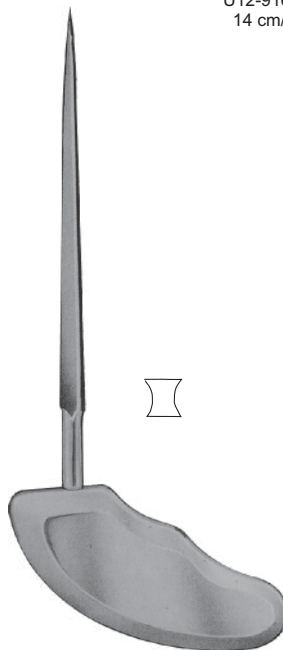
Adson
U12-9164-15
15 cm/6"



U12-9165-14
14 cm/5½"



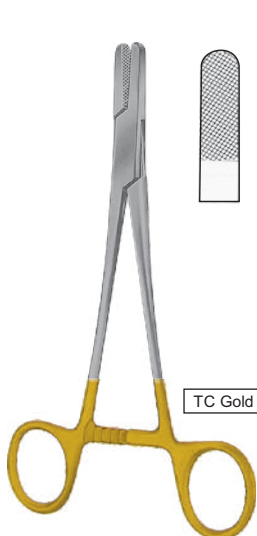
U12-9166-14
14 cm/5½"



Perthes
U12-9167-21
21 cm/8¼"

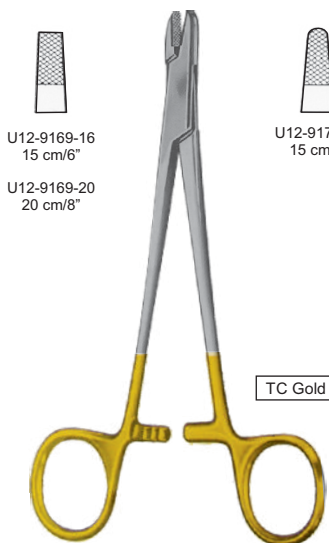
Bone Instruments

Wire Seizing Forceps Pince fil Saisir
Draht Zange ergreifen Pinzas de alambre Aprovechar



TC Gold

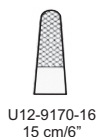
U12-9168-18 18 cm/7"
U12-9168-20 20 cm/8"



TC Gold

U12-9169-16
15 cm/6"

U12-9169-20
20 cm/8"



U12-9170-16
15 cm/6"



U12-9171-14
14 cm/5½"



U12-9172-16
16 cm/6¼"

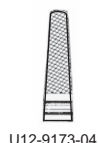


TC Gold

U12-9173-01

U12-9173-02

U12-9173-03



U12-9173-04



U12-9173-05

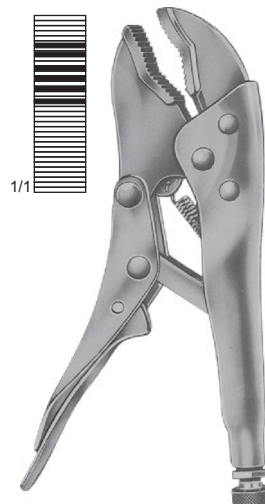
Bone Instruments

Wire Seizing Forceps Pince fil Saisir
Draht Zange ergreifen Pinzas de alambre Aprovechar

12



U12-9174-15
15.5 cm/6"



U12-9175-18
18 cm/7"



U12-9176-13 13 cm/5"
U12-9176-18 18 cm/7"

Bone Instruments

Wire Seizing Forceps Pince fil Saisir
Draht Zange ergreifen Pinzas de alambre Aprovechar

For soft wire
with a diam. of max.

For hard wire
with a diam. of max.



U12-9178-15
24 cm/9 1/2"
4.0 mm
3.5 mm



U12-9179-18
18.5 cm/7 1/4"
1.7 mm
1.7 mm



2.0 mm
1.5 mm
U12-9180-15
15 cm/6"



2.0 mm
2.0 mm
U12-9181-16
16 cm/6 1/4"

Bone Instruments

Wire Seizing Forceps Pince fil Saisir
Draht Zange ergreifen Pinzas de alambre Aprovechar

12



TC Gold

0.7 mm
0.5 mm

U12-9182-12
12 cm/4 3/4"



TC Gold

2.0 mm
1.0 mm

U12-9183-15
15 cm/6"



TC Gold

2.0 mm
1.7 mm

U12-9184-18
18 cm/7"

General Instruments

Operating Scissors Ciseaux d'exploitation
Chirurgische Scheren Tijeras de funcionamiento



TC Gold

U12-9185-18
18.5 cm/7 1/4"



TC Gold

U12-9186-18 U12-9187-22
18 cm/7" 22 cm/8 3/4"



TC Gold

U12-9188-22
22 cm/8 3/4"



TC Gold

U12-9189-47 47 cm/18 1/2"
U12-9189-57 57 cm/22 1/2"

General Instruments

Scalpel Handles

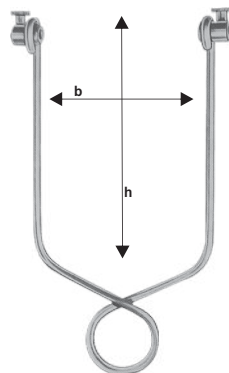
Skalpelli-griffe

Poignées Scalpel

Los mangos de bisturi

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	U12-9190-16
21 X 11	8 1/2 X 4 1/2	U12-9190-21
21 X 15	8" X 6"	U12-9190-15

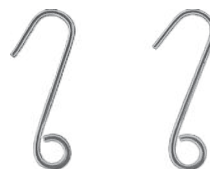


Kirschner

Clear width
lichte Breite
largeur libre
anchura libre

	cm	In
U12-9191-01	9,5x7	3 3/4 x 2 3/4
U12-9191-02	10,5x10,5	4 1/4 x 4 1/4
U12-9191-03	12x12	4 3/4 x 4 3/4
U12-9191-04	15,5x15,5	6x6
U12-9191-05	20x15,5	8x6

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



U12-9194-40

U12-9194-42



Kirschner

Clear width
lichte Breite
largeur libre
anchura libre

U12-9192-18	cm 18x10	in 07x04
U12-9192-27	27x16	10 1/4 x 6 1/4



Kirschner

U12-9193-01	Small Pattern
U12-9193-02	Medium Pattern
U12-9193-03	Large Pattern

Wire Strainer
Draht Strainer
Passoire fil
Colador de alambre



U12-9194-20

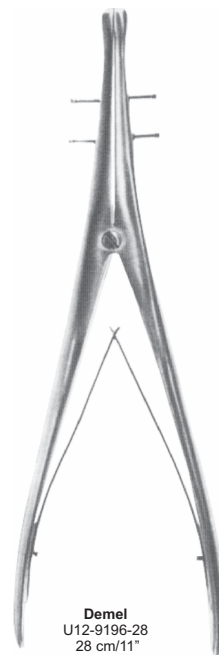
General Instruments

Operating Scissors Ciseaux d'exploitation
Chirurgische Scheren Tijeras de funcionamiento



Loute
U12-9195-21
21 cm/8¼"

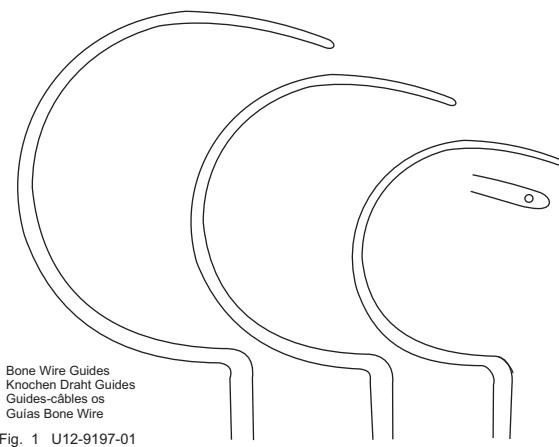
Bone Wire Tighteners
Knochen Draht Spanner
Tendeurs Fils os
Tensores de cables y Bone



Demel
U12-9196-28
28 cm/11"



Demel



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

Fig. 1 U12-9197-01
Fig. 2 U12-9197-02
Fig. 3 U12-9197-03

Fig. 1

Fig. 2

Fig. 3



length

Schanz

	Ø 5 mm
8 cm	U12-9198-08
10 cm	
12 cm	U12-9198-12
14 cm	
15 cm	U12-9198-15
16 cm	
17 cm	U12-9198-17
18 cm	
20 cm	U12-9198-20
22 cm	
25 cm	U12-9198-25
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

Length
Länge
longueur
longitud

Steinmann

	Ø 4 mm	Ø 4.5 mm	Ø 5 mm
8 cm	U12-9199-08	U12-9200-08	U12-9201-08
10 cm	U12-9199-10	U12-9200-10	U12-9201-10
12 cm	U12-9199-12	U12-9200-12	U12-9201-12
14 cm	U12-9199-14	U12-9200-14	U12-9201-14
15 cm			
16 cm	U12-9199-16	U12-9200-16	U12-9201-16
17 cm			
18 cm	U12-9199-18	U12-9200-18	U12-9201-18
20 cm	U12-9199-20	U12-9200-20	U12-9201-20
22 cm	U12-9199-22	U12-9200-22	U12-9201-22
25 cm	U12-9199-25	U12-9200-25	U12-9201-25
30 cm	U12-9199-30	U12-9200-30	U12-9201-30

General Instruments

Operating Scissors Ciseaux d'exploitation
Chirurgische Scheren Tijeras de funcionamiento



22 cm/8 1/2"

300 g U12-9202-10
500 g U12-9202-35
600 g U12-9202-50
940 g U12-9202-70



with interchangeable
mit austauschbaren
avec interchangeables
intercambiable con

Ø 30 mm
215 g



Ø 30 mm
400 g

Ø 42 mm



Ø 45 mm
300 g

Bergmann
U12-9205-24
24 cm/9 1/2"



Ø 25 mm
140 g

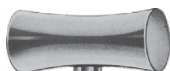
U12-9206-18
18 cm/7"



150 g



Williger
U12-9207-23
23 cm/9"



Ø 30 mm
460 g



Bergmann
U12-9208-23
23 cm/9"



1 Side Flat
1 Side Convex



Cottle
U12-9209-19
Ø 30 mm
19 cm/7 1/2"
350 g



Ø 42 mm
400 g

Ø 42 mm
250 g



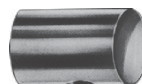
U12-9210-24
24cm/9 1/2"



Ø 30 mm



Ombredanne
U12-9211-24
23.5cm/9 1/4"



Ø 40 mm



Heath
U12-9212-18
18 cm/7"

General Instruments

Operating Scissors Ciseaux d'exploitation
Chirurgische Scheren Tijeras de funcionamiento

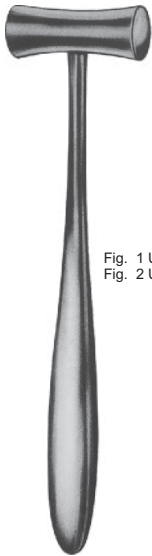


Fig. 1 U12-9213-19 19mm O 230 g
Fig. 2 U12-9213-25 25mm O 260 g

Lucae
19 cm/7½"



320 g
Ø26 mm

Mead
U12-9214-17
17 cm/6¾"



Williger
U12-9215-16
16.5 cm/6½"



165 g
Ø22 mm

U12-9216-19
19 cm/7½"



Gerzog
U12-9217-19
19 cm/7½"



200 g
22 mm Ø
(7 oz.)

Partsch
U12-9218-18
18 cm/7"



Fischer
U12-9219-31
31 cm/12 1/4"



Brand

U12-9220-50
50 cm/19 1/2"
6 mm Ø



U12-9221-30
30 cm/12"
3 mm Ø



Brand
U12-9222-50
50 cm/19 1/2"



6 x 14 mm

Tendon Strippers
Sehnen Strippers
Décapants tendon
Strippers tendon



mm Ø
4.0 U12-9223-40
4.5 U12-9223-45
5.5 U12-9223-55

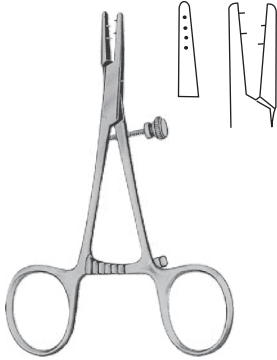
Flexible Shaft
flexible Welle
arbre flexible
eje flexible



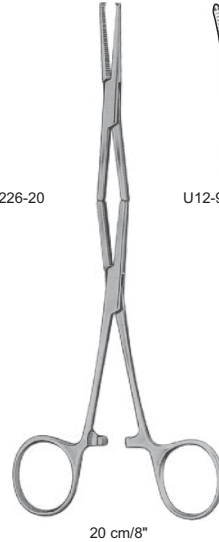
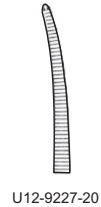
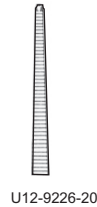
Steinmann
U12-9224-50
16 cm/6 1/8"

General Instruments

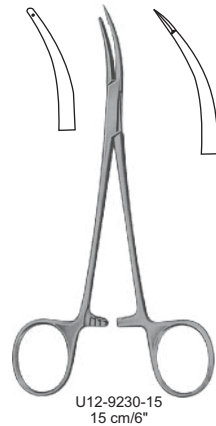
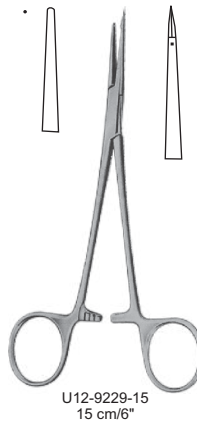
Operating Scissors Ciseaux d'exploitation
Chirurgische Scheren Tijeras de funcionamiento



Steinmann
U12-9225-13
13 cm/5"



Carol
U12-9228-11
11 cm/4½"

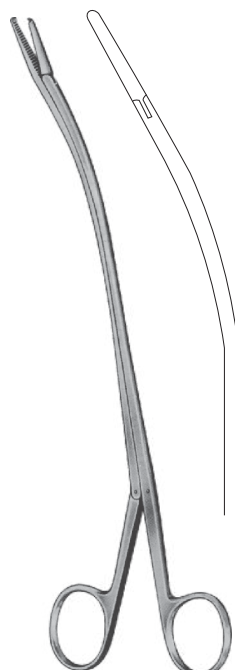




Kleinert-Kutz
U12-9231-20
16 cm/8"



Brand
U12-9232-15 16 cm/6"
U12-9232-19 19 cm/7½"
U12-9232-24 24 cm/9½"



Brand
U12-9233-15 16 cm/6"
U12-9233-19 19 cm/7½"
U12-9233-24 24 cm/9½"