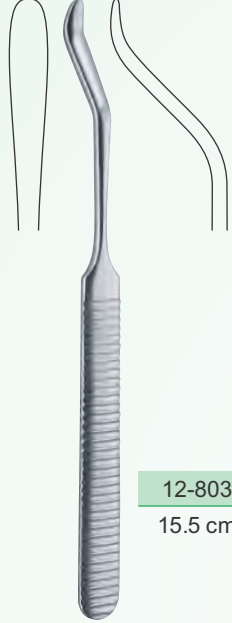


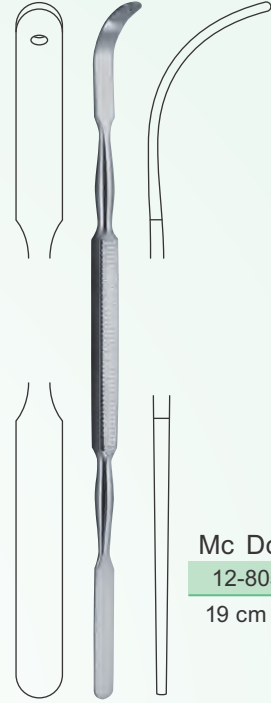
5 mm



12-803-15
15.5 cm - 6"



Alderdyce
12-804-21
21 cm - 8 1/4"



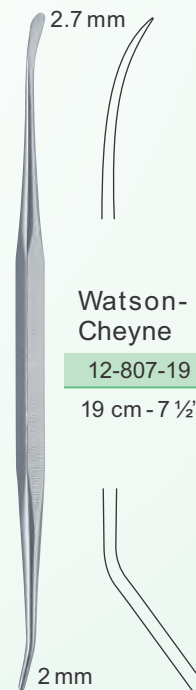
Mc Donald
12-805-19
19 cm - 7 1/2"

15 mm



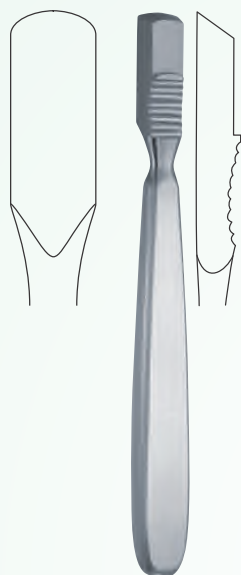
Sedillot
12-806-18 18.5 cm - 7 1/4"
12-806-21 21 cm - 8 1/4"

2.7 mm



Watson-Cheyne
12-807-19
19 cm - 7 1/2"

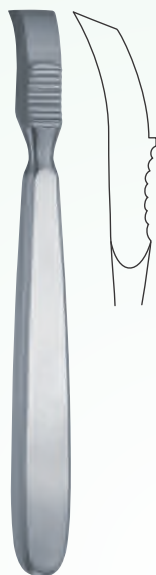
2 mm



Farabeuf

12-808-15

straight
gerade
recta
droit
retto



12-809-15

15 cm - 6"

curved
gebogen
curva
courbe
curvo



Lambotte

12-810-21 x = 5 mm

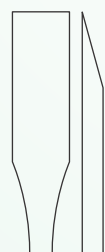
12-810-21 x = 10 mm

12-810-21 x = 15 mm

12-810-21 x = 20 mm

12-810-21 x = 25 mm

21 cm - 8 1/4"



Adson

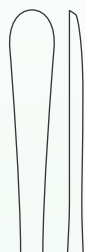
12-811-17

Fig.1



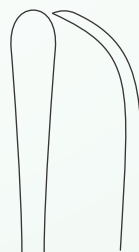
12-812-17

Fig.2



12-813-17

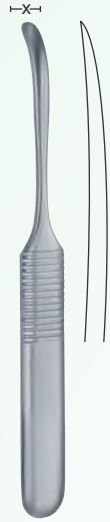
Fig.3



12-814-17

17 cm - 6 3/4"

Fig.4



Williger

12-815-13 13 cm - 5"
x = 5 mm



Williger

12-816-16 x = 4 mm

12-817-16 x = 6 mm

16 cm - 6 1/4"



12-818-16

x = 5 mm



12-819-16

x = 6.5 mm

16 cm - 6 1/4"



Farabeuf-
Collin

12-820-16

x = 11 mm



12-821-16

16 cm - 6 1/4"

x = 11 mm



Obwegeser

12-822-15
2.5 mm



12-823-15
4 mm



15 cm - 6"



Obwegeser

12-824-18
18.5 cm - 7 1/4"



Obwegeser

12-825-18
18.5 cm - 7 1/4"



Semb

12-826-17
17.5 cm - 7"
12 mm



12-827-21
21 cm - 8 1/4"
12 mm



12-828-17
17.5 cm - 7"
13 mm



12-829-17
21 cm - 8 1/4"
13 mm



12-830-22
22.5 cm - 8 3/4"
13 mm



12-831-22
22.5 cm - 8 3/4"
15 mm



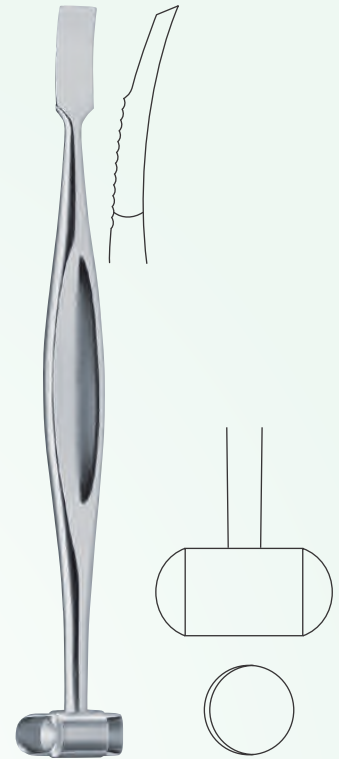
Howarth
 12-832-21
 21.5 cm - 8 1/2"
 sharp/ blunt
 scharf/ stumpf
 aguda/ roma
 pointu / mousse
 acuta / smussa



Langen-beck
 12-833-18
 18 cm - 7"



12-834-19
 19 cm - 7 1/2"



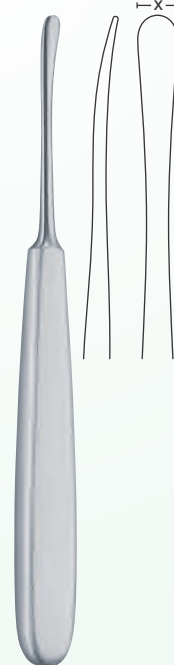
Alexander
 12-835-20
 20 cm - 8"



Langenbeck
 12-836-20
 x = 8 mm
 20 cm - 8"



Langenbeck
 12-837-20
 x = 10 mm
 20 cm - 8"



Sebilleau
 12-838-17 17.5 cm - 7"
 x = 5 mm



extremely light
 extrem leicht
 estremamente ligero
 extrêmement léger
 estremamente leggera
 12-839-17 17.5 cm - 7"



Langenbeck
12-167-14
18.5 cm - 7 ¼"



Langenbeck
12-167-14
19 cm - 7 ½"

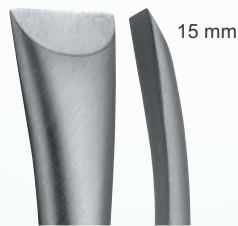


Cushing
12-167-14
19.5 cm - 7 ¾"



round
12-167-14
18 cm - 7"

Cushing



square
12-167-14
18 cm - 7"



12-167-14	5 mm
12-167-14	10 mm
12-167-14	15 mm
12-167-14	20 mm
12-167-14	25 mm

21.5 cm - 8 ½"

Lambotte



Schneider
12-167-14
17.5 cm - 7"



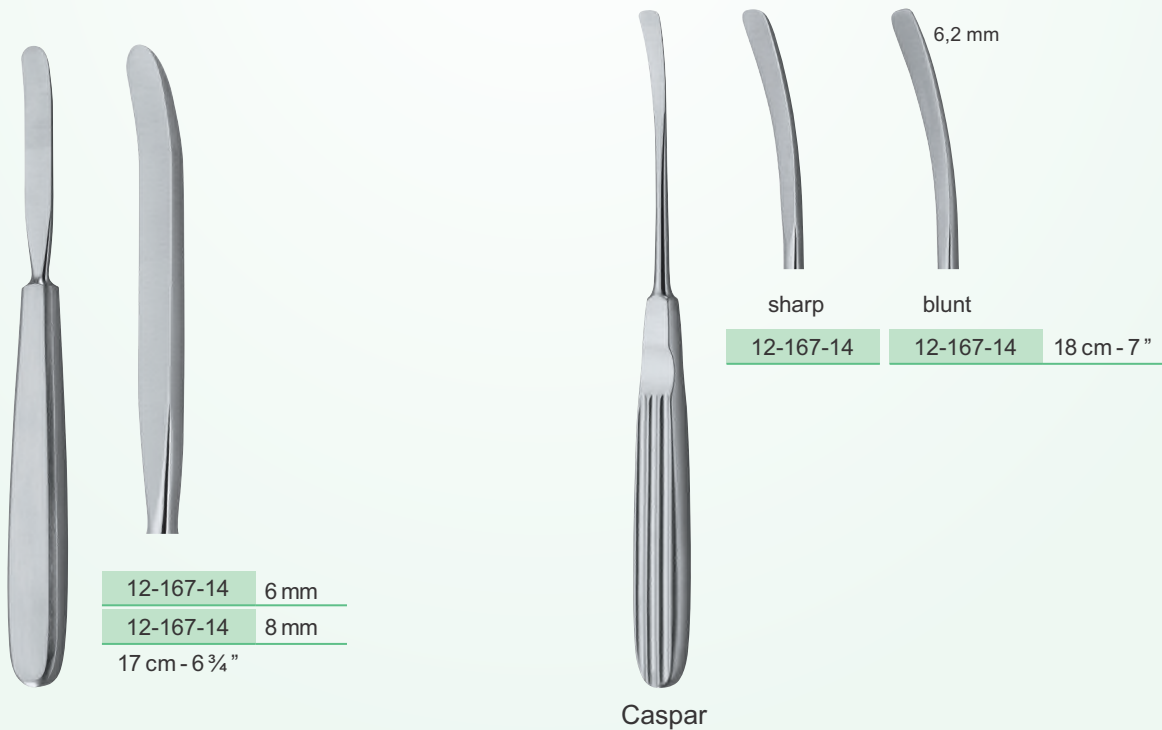
Schneider-Sauerbruch
12-167-14
19 cm - 7 1/2"

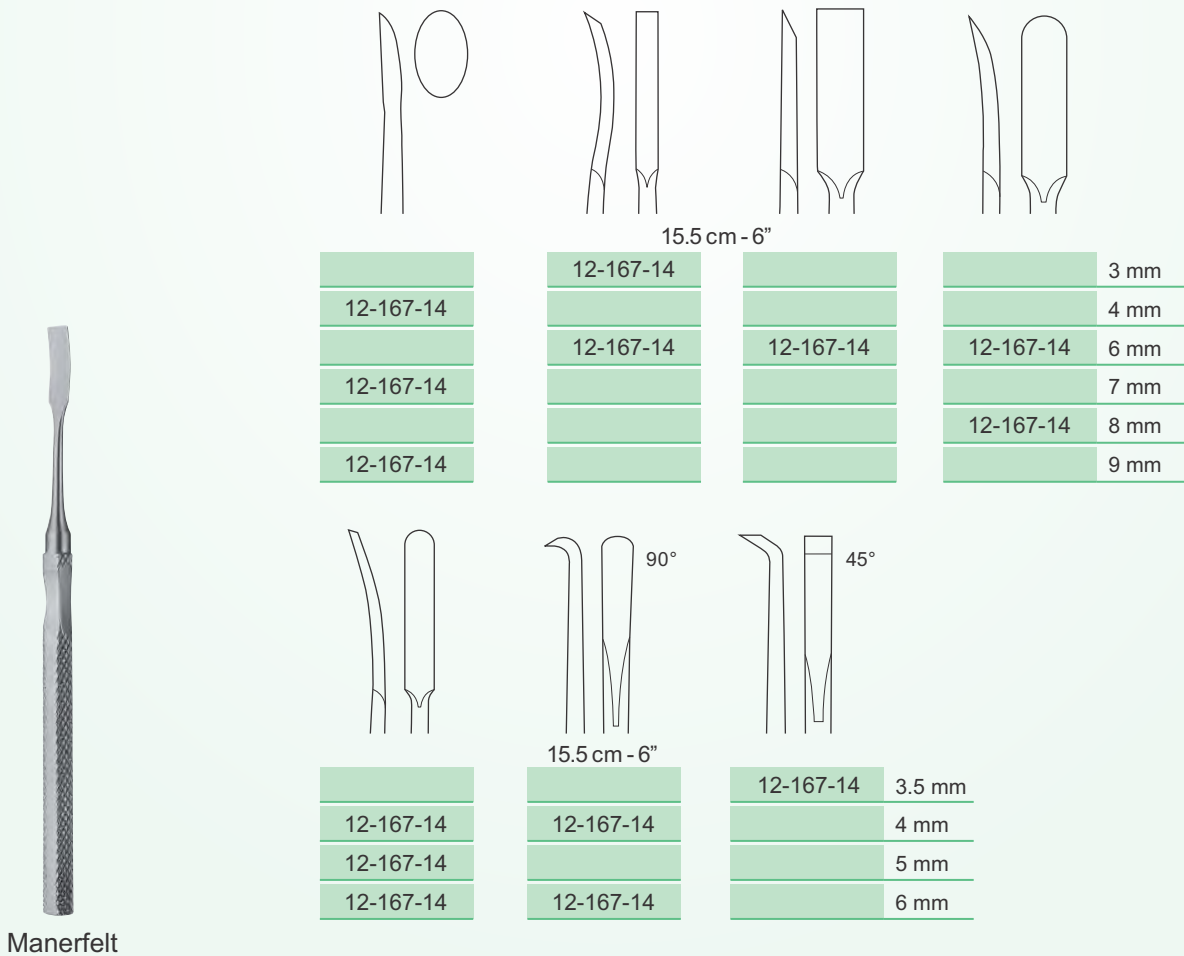
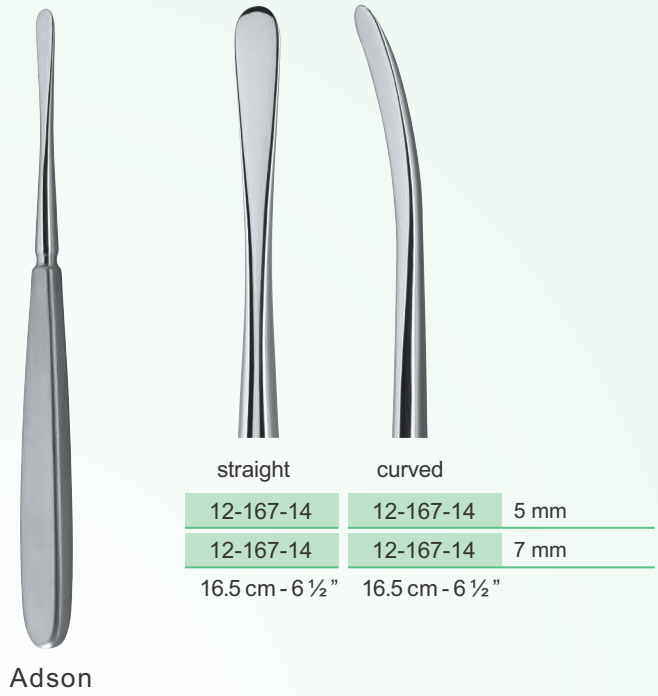
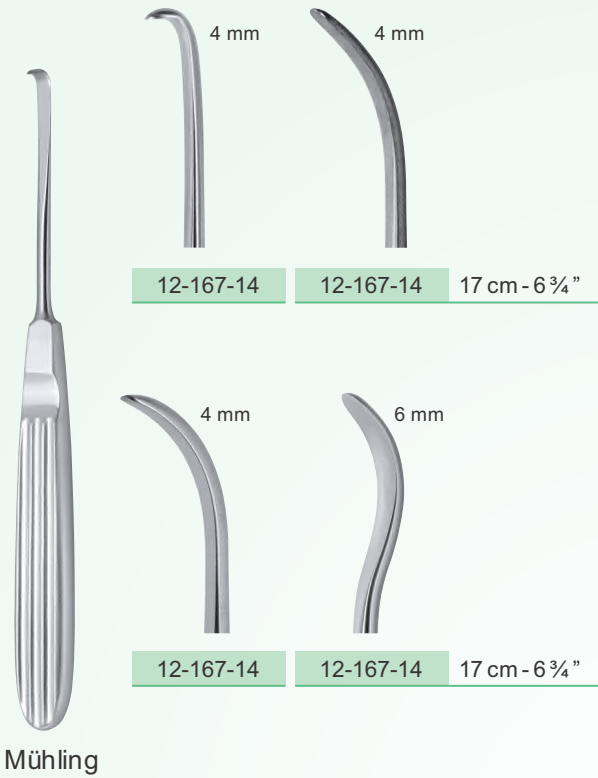


Jansen
12-167-14
16.5 cm - 6 1/2"

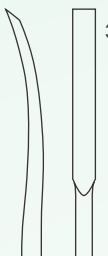

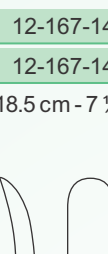

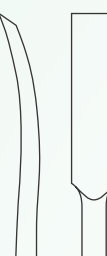
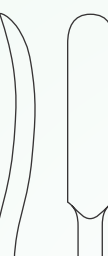
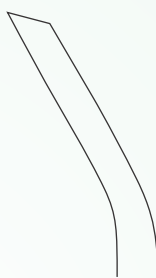
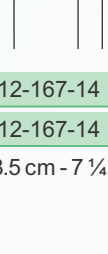

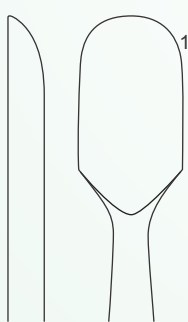
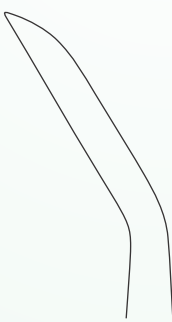
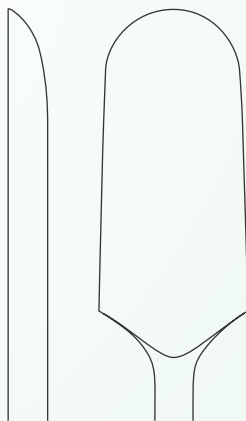
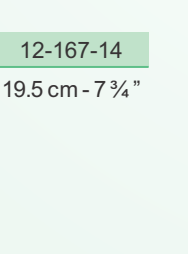
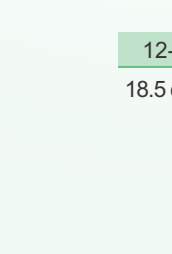


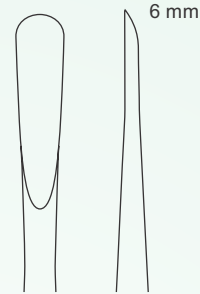
left
12-167-14
right
12-167-14
14 cm - 5 1/2"





Raspatories

		6 mm		3 mm			13 mm	
	12-167-14		12-167-14					
								
	12-167-14		12-167-14					
	19 cm - 7 1/2"		18.5 cm - 7 1/4"					
		6 mm		6 mm			angled	straight
	12-167-14		12-167-14					
								
	12-167-14		12-167-14		12-167-14		12-167-14	
	18.5 cm - 7 1/4"		18.5 cm - 7 1/4"		19 cm - 7 1/2"		19 cm - 7 1/2"	
		14 mm		14 mm		20 mm		
	12-167-14		12-167-14					
								
	12-167-14		12-167-14		12-167-14			
	19.5 cm - 7 3/4"		18.5 cm - 7 1/4"		20 cm - 8"			



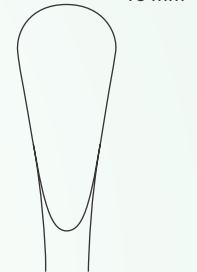
12-167-14
43 cm - 17"



12-167-14
50 cm - 19 3/4"



12-167-14
50 cm - 19 3/4"



12-167-14
50 cm - 19 3/4"



Cobb

12-840-29	x = 10 mm
12-841-29	x = 13 mm
12-842-29	x = 19 mm

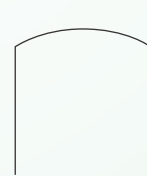
29 cm - 11 ½"

Wirbelsäulen-Raspatorium
 Spinal raspatory
 Rugine vertebral
 Raspatorio vertebral
 Periostotomo vertebrale

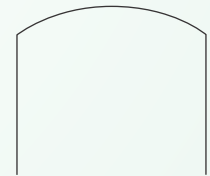


Key

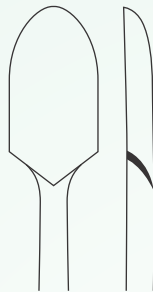
12-843-18	12-844-19	12-845-19
18 cm - 7"	19 cm - 7 ½"	19 cm - 7 ½"
x = 6 mm	x = 10 mm	x = 12 mm



12-846-20
 20 cm - 8"
 x = 19 mm

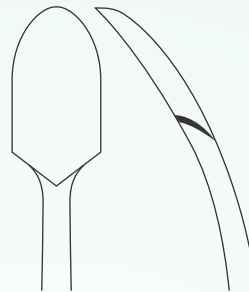


12-847-21
 21 cm - 8 ¼"
 x = 25 mm



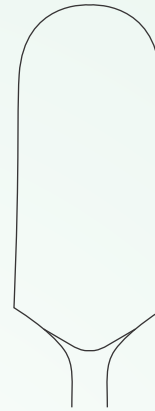
12-848-20

Fig.1
14 mm
gerade
straight
droit
recta
rette



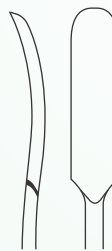
12-849-20

Fig.2
14 mm
gebogen
curved
courbe
curva
curve



12-850-20 20 cm - 8"

Fig.3
20 mm
gerade
straight
droit
recta
rette
Ferrozellgriff
Ferrozell handle
Manche en Ferrozell
Mango en Ferrozell
Manico di Ferrozell



12-851-18

Fig.1
6 mm



12-852-18

Fig.2
3 mm



12-853-18

Fig.3
6 mm

18 cm - 7"

Ferrozell handle
Ferrozellgriff
Mango en Ferrozell
Manche en Ferrozell
Manico di Ferrozell



Hohmann

12-854-22

22 cm - 8 3/4"
x = 8 mm

12-855-22

24 cm - 9 1/2"
x = 18 mm

12-856-24

24 cm - 9 1/2"
x = 43 mm

12-857-24

24 cm - 9 1/2"
x = 70 mm



Hohmann

12-858-24

24.5 cm - 9 3/4"
x = 43 mm

12-859-26

26 cm - 10 1/4"
x = 22 mm

12-860-28

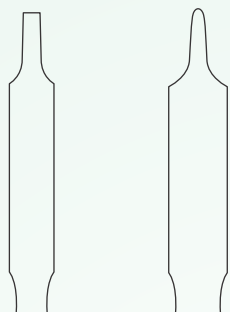
28 cm - 11"
x = 33 mm

12-861-26

26.5 cm - 10 1/2"
x = 24 mm

12-862-26

26 cm - 10 1/4"
x = 22 mm



Mini-Hohmann

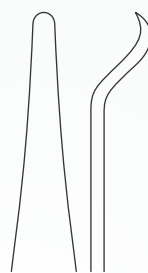
12-863-16

6 mm

12-864-16

8 mm

16 cm - 6 1/4"



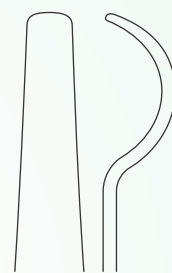
12-865-14

2.8 mm



12-866-14

4.5 mm



12-867-14

6 mm

14 cm - 5 1/2"



Bristow

12-868-23

23 cm - 9"



Lane

12-869-21

21 cm - 8 1/4"



Bennett

12-870-24 x = 43 mm

12-871-24 x = 60 mm

24 cm - 9 1/2"

← 30 mm →

← 18 mm →

Murphy-Lane

12-872-34

34 cm - 13 1/2"

Luxation lever
Luxationshebel
Palanca de luxación
Levier de luxation
Leva per luxazione

Blount

12-873-26

12-874-26

26 cm - 10 1/4"

**Lange-
Hohmann mod.**

12-875-26

12-876-28

26.5 cm - 10 1/2"

28 cm - 11"

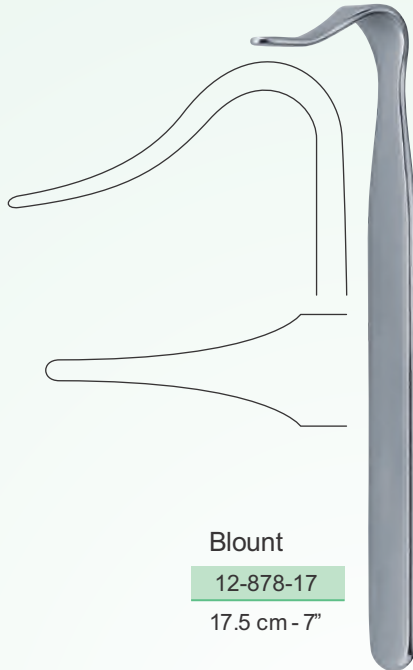
x = 30 mm

x = 33 mm



Hohmann-Williger

12-877-16
16 cm - 6 1/4"



Blount

12-878-17
17.5 cm - 7"



Taylor

12-879-16 a = 75 mm - b = 30 mm

12-880-16 a = 100 mm - b = 30 mm

16.5 cm - 6 1/2"



Bircher

12-881-19
19 cm - 7 1/2"



Smillie

12-882-17
17 cm - 6 3/4"



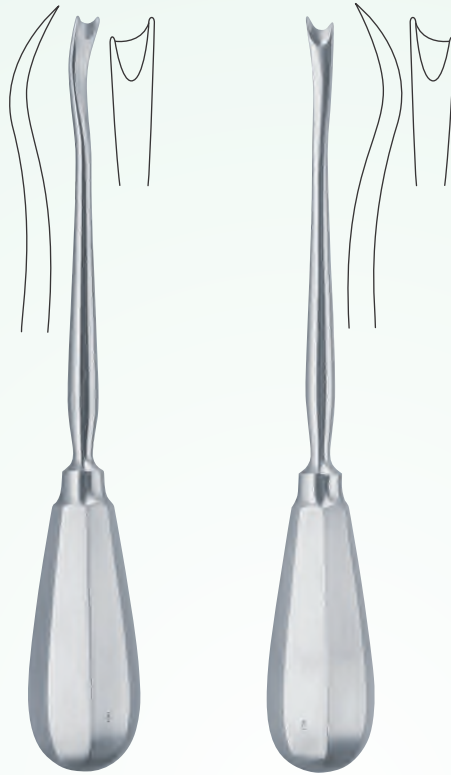
12-883-17

17 cm - 6 3/4"



12-884-17

17 cm - 6 3/4"



Kanadisches Modell

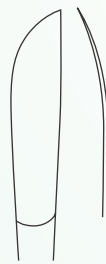
12-885-20

Fig. 1

12-886-20

20 cm - 8"

Fig. 2



Neff

12-887-22

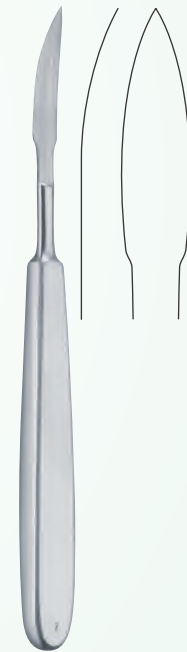
left
links
izquierda
gauche
sinistra



12-888-22

22 cm - 8 3/4"

right
rechts
derecha
droit
destra



12-889-22

18 cm - 7"