

SPX-12

BONE SURGERY

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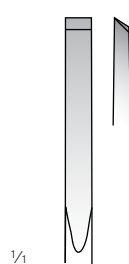
Virchow
SP12-100-07

7,5 cm / 3 "
Schädelspalter
Skull Breaker
Cinzel rompe-crâne
Burin pour le crâne
Scalpello per cranio



SP12-101-04
SP12-102-04

17 cm / 6 5/8 "



4 mm
SP12-101-04

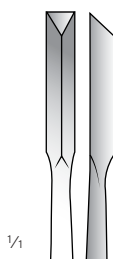


4 mm
SP12-102-04

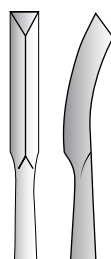


Gardner
SP12-103-04
SP12-105-04

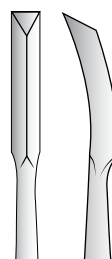
17 cm / 6 5/8 "
dreieckige Form
triangular shape
forma triangulada
forme triangulaire
forma triangolare



4 mm
SP12-103-04



4 mm
SP12-104-04

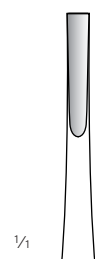


4 mm
SP12-105-04



Snyder-O.S.U
SP12-106-03
SP12-106-05

16,5 cm / 6 3/8 "



3 mm
SP12-106-03



5 mm
SP12-106-05

Osteotomes, Chisels, Gouges

Osteotome, Flachmeißel, Hohlmeißel

Osteótomos, Cinceles, Gubias

Ostéotomes, Ciseaux-burins, Gouges

Osteotomi, Scalpelli, Sgorbie

Bone Surgery

Knochenchirurgie

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea



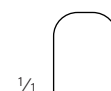
8 mm

SP12-107-08



8 mm

SP12-108-08



8 mm

SP12-109-08



10 mm

SP12-107-10



10 mm

SP12-108-10



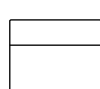
10 mm

SP12-109-10



12 mm

SP12-107-12



12 mm

SP12-108-12



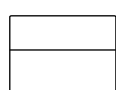
12 mm

SP12-109-12



14 mm

SP12-107-14



14 mm

SP12-108-14



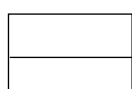
14 mm

SP12-109-14



16 mm

SP12-107-16



16 mm

SP12-108-16



16 mm

SP12-109-16

SP12-107-08
SP12-107-16

13,5 cm / 5 ³/₈"

SP12-108-08
SP12-108-16

13,5 cm / 5 ³/₈"

SP12-109-08
SP12-109-16

13,5 cm / 5 ³/₈"



1/16

2 mm

SP12-110-02

13,5 cm / 5 3/8"



2 mm

SP12-111-02

17 cm / 6 5/8"



1/16

2 mm

SP12-112-02

13,5 cm / 5 3/8"



2 mm

SP12-113-02

16,5 cm / 6 4/8"



3 mm

SP12-110-03

13,5 cm / 5 3/8"



3 mm

SP12-111-03

17 cm / 6 5/8"



3 mm

SP12-112-03

13,5 cm / 5 3/8"



3 mm

SP12-113-03

16,5 cm / 6 4/8"



4 mm

SP12-110-04

13,5 cm / 5 3/8"



4 mm

SP12-111-04

17 cm / 6 5/8"



4 mm

SP12-112-04

13,5 cm / 5 3/8"



4 mm

SP12-113-04

16,5 cm / 6 4/8"



5 mm

SP12-110-05

13,5 cm / 5 3/8"



5 mm

SP12-111-05

17 cm / 6 5/8"



5 mm

SP12-112-05

13,5 cm / 5 3/8"



5 mm

SP12-113-05

16,5 cm / 6 4/8"



6 mm

SP12-110-06

13,5 cm / 5 3/8"



6 mm

SP12-111-06

17 cm / 6 5/8"



6 mm

SP12-112-06

13,5 cm / 5 3/8"



6 mm

SP12-113-06

16,5 cm / 6 4/8"

1/2



Partsch
SP12-110-02
SP12-111-06

1/2



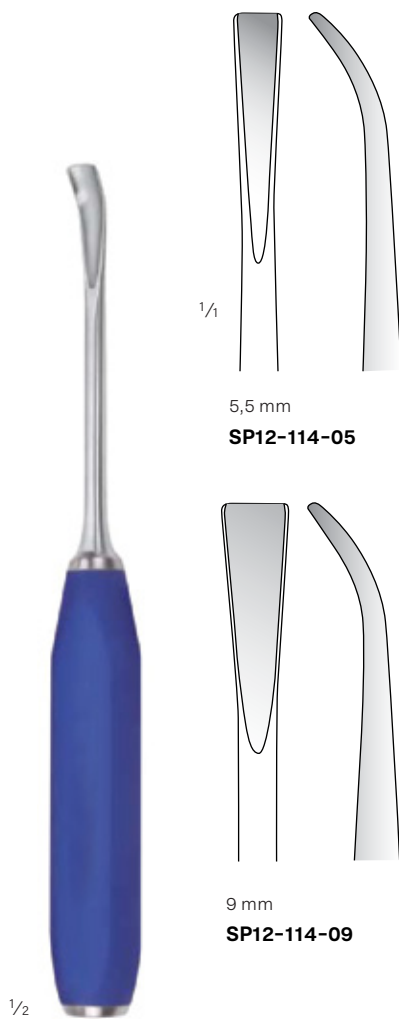
Partsch
SP12-112-02
SP12-113-06

Chisels

Flachmeißel, Hohlmeißel
Cinceles
Ciseaux-burins
Scalpelli

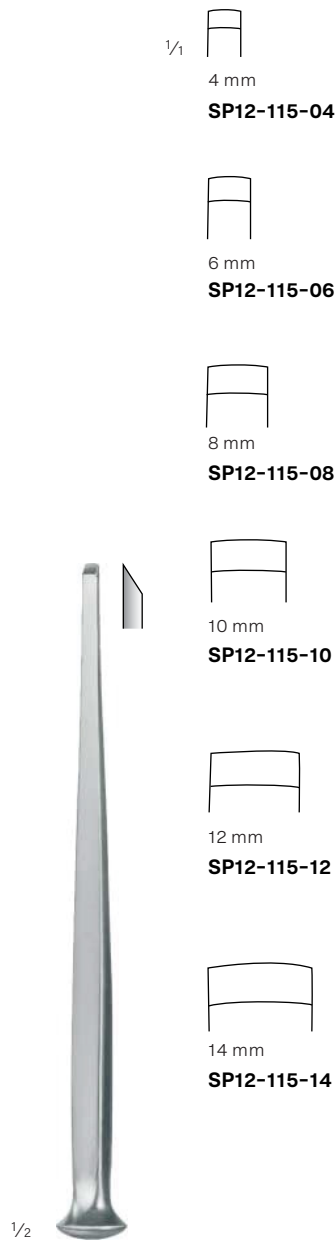
Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



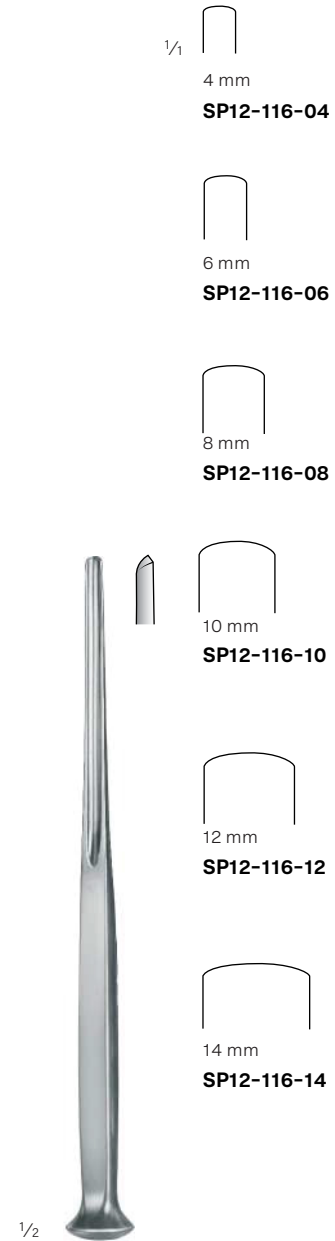
Zielke
SP12-114-05
SP12-114-09

23 cm / 9"



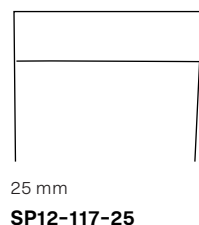
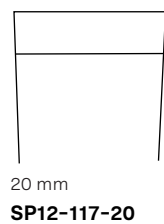
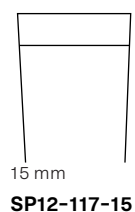
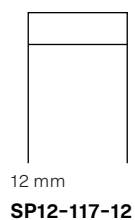
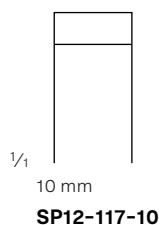
Alexander
SP12-115-04
SP12-115-14

17,5 cm / 6 7/8"
massiv
solid
macizo
solide
pieno

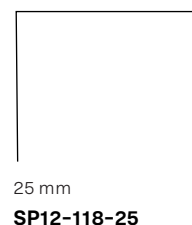
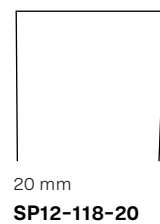
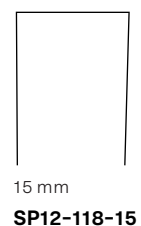
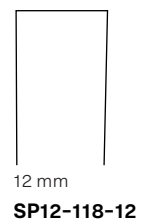
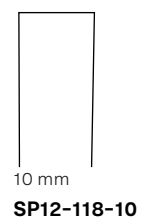
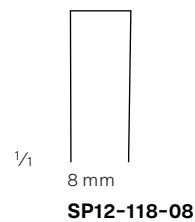


Alexander
SP12-116-04
SP12-116-14

17,5 cm / 6 7/8"
massiv
solid
macizo
solide
pieno



Stille
SP12-117-10
SP12-117-25
 20,5 cm / 8 1/8"



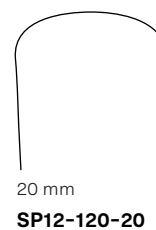
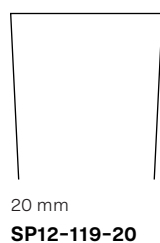
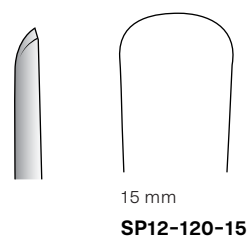
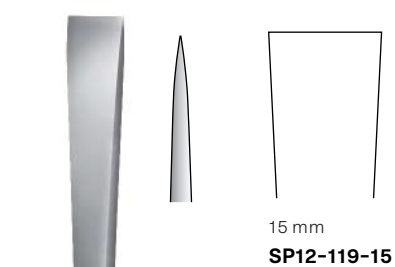
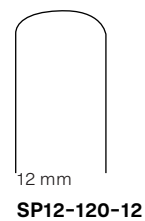
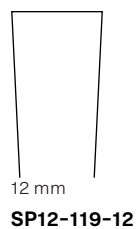
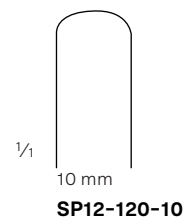
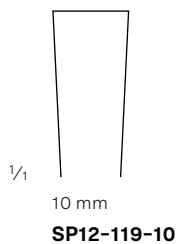
Stille
SP12-118-08
SP12-118-25
 20,5 cm / 8 1/8"

Chisels, Gouges

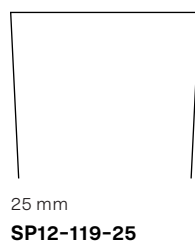
Flachmeißel, Hohlmeißel
Cinceles, Gubias
Ciseaux-burins, Gouges
Scalpelli, Sgorbie

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



1/2
Stille
SP12-119-10
SP12-119-25
20,5 cm / 8 1/8"
fein
delicate
fino
fin
fino



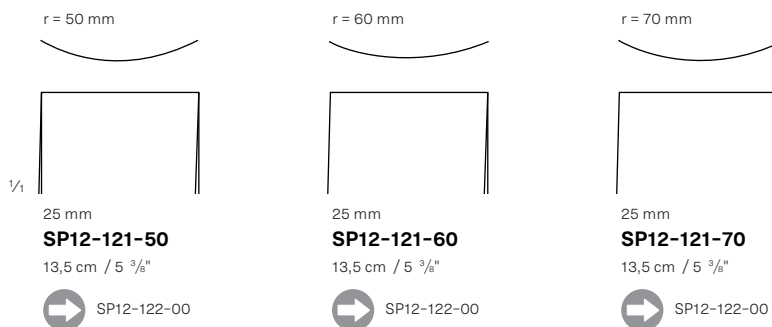
1/2
Stille
SP12-120-10
SP12-120-25
20,5 cm / 8 1/8"





SP12-121-50
SP12-121-70

Hohlmeißelklingen, auswechselbar
 Gouge blades, interchangeable
 Hojas de gubia, intercambiables
 Lames-gouges, interchangeables
 Lame intercambiabili, concavo



SP12-122-00
 18,5 cm / 7 $\frac{2}{8}$ "



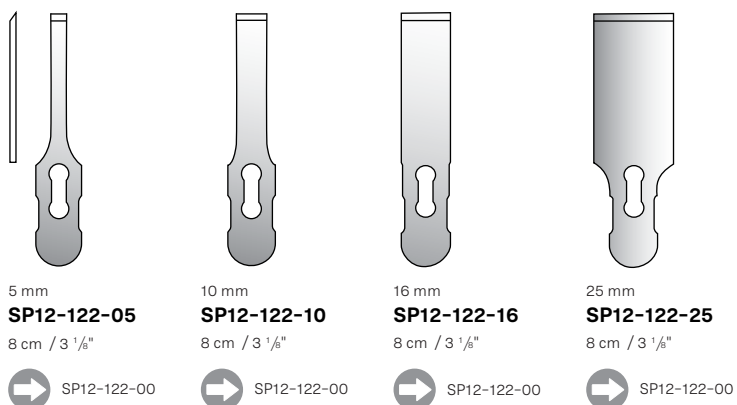
SP12-122-90
 Halteschraube
 Spare Screw
 Tornillo de repuesto
 Vis de rechange
 Vite di ricambio



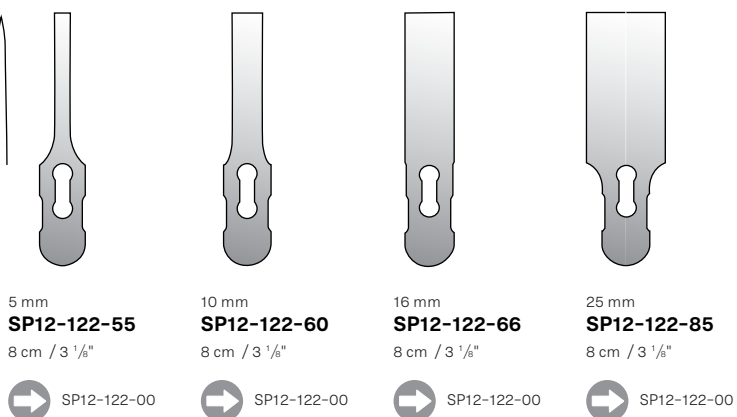
SP12-122-99
 Spannschlüssel
 Key
 Llave
 Clé
 Chiave



Meißelklingen, auswechselbar
 Chisel blades, interchangeable
 Hojas de cincel, intercambiables
 Lames ciseaux-burin, interchangeables
 Lame intercambiabili



Osteotomklingen, auswechselbar
 Osteotome blades, interchangeable
 Hojas de osteótomo, intercambiables
 Lame per osteotomia, intercambiabili
 Lame per osteotomia, intercambiabili

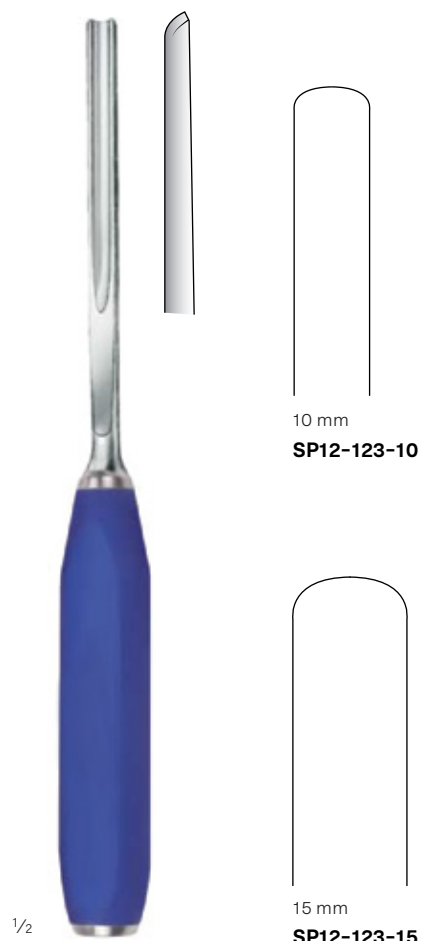
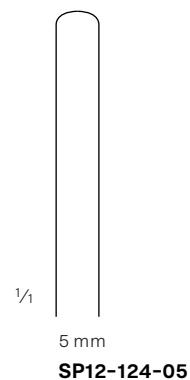
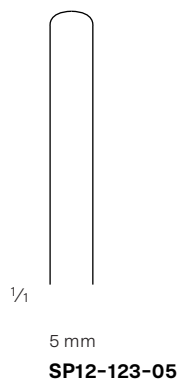


Spongiosa Gouges

Spongiosaentnahmemeißel
Cinceles de esponjosa
Ciseaux-burinx pour spongiosa
Scalpelli per spongiosa

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea

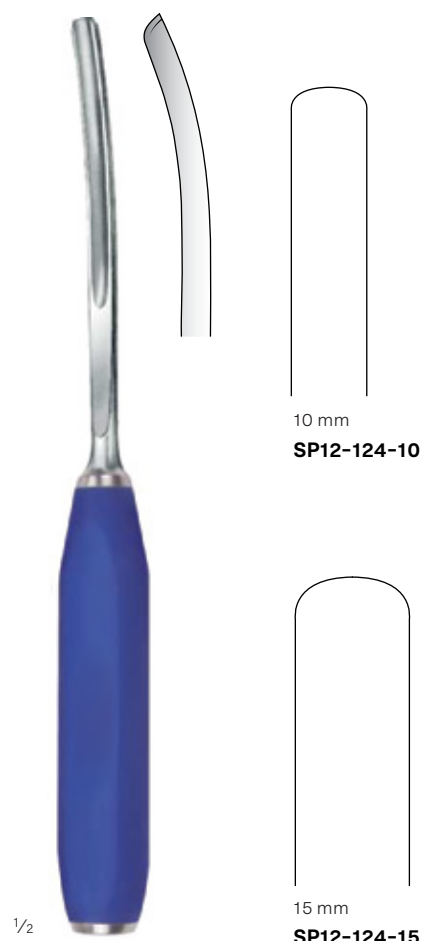


Lexer

SP12-123-05

SP12-123-15

24,5 cm / 9 5/8"

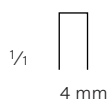


Lexer

SP12-124-05

SP12-124-15

24,5 cm / 9 5/8"



4 mm

SP12-125-04



6 mm

SP12-125-06



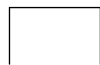
8 mm

SP12-125-08



10 mm

SP12-125-10

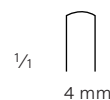


12 mm

SP12-125-12

1/2

Lexer-Mini
SP12-125-04
SP12-125-12
 18 cm / 7 1/8"



4 mm

SP12-126-04



6 mm

SP12-126-06



8 mm

SP12-126-08



10 mm

SP12-126-10



12 mm

SP12-126-12

1/2

Lexer-Mini
SP12-126-04
SP12-126-12
 18 cm / 7 1/8"

Sic



5 mm

SP12-127-05



5 mm

SP12-128-05



1/2

Lexer
SP12-127-05
SP12-127-30

22 cm / 8 5/8"



7 mm

SP12-127-07



10 mm

SP12-127-10



15 mm

SP12-127-15



20 mm

SP12-127-20



25 mm

SP12-127-25



30 mm

SP12-127-30



1/2

Lexer
SP12-128-05
SP12-128-30

22 cm / 8 5/8"



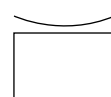
7 mm

SP12-128-07



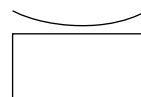
10 mm

SP12-128-10



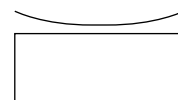
15 mm

SP12-128-15



20 mm

SP12-128-20



25 mm

SP12-128-25



30 mm

SP12-128-30



2 mm

SP12-129-02



3 mm

SP12-129-03



3 mm

SP12-130-03



4 mm

SP12-130-04



4 mm

SP12-129-04



6 mm

SP12-129-06



6 mm

SP12-130-06



8 mm

SP12-130-08



8 mm

SP12-129-08



10 mm

SP12-129-10



10 mm

SP12-130-10



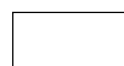
12 mm

SP12-130-12



12 mm

SP12-129-12



15 mm

SP12-129-15



15 mm

SP12-130-15

1/2



LIMbotte-Mini

SP12-129-02

SP12-129-15

12,5 cm / 4 7/8"

1/2



LIMbotte-Mini

SP12-130-03

SP12-130-15

17 cm / 6 5/8"

Osteotomes

Osteotome
Osteótomos
Ostéotomes
Osteotomi

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea

1/1



4 mm

SP12-131-04



6 mm

SP12-131-06



8 mm

SP12-131-08



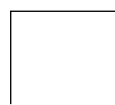
10 mm

SP12-131-10



13 mm

SP12-131-13



15 mm

SP12-131-15



18 mm

SP12-131-18



20 mm

SP12-131-20



25 mm

SP12-131-25



30 mm

SP12-131-30



38 mm

SP12-131-38



44 mm

SP12-131-44



50 mm

SP12-131-50

1/2

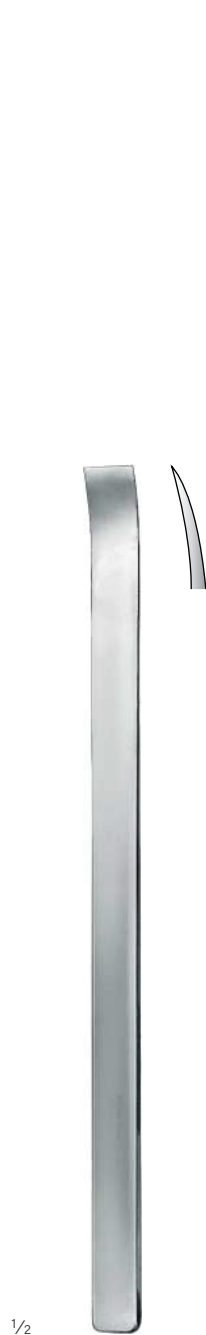


LIMbotte

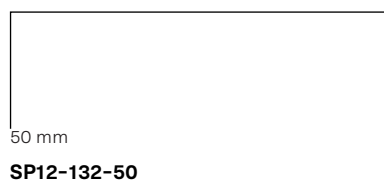
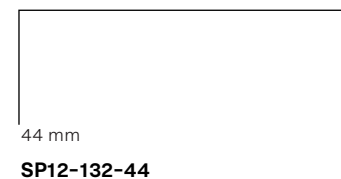
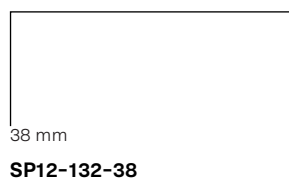
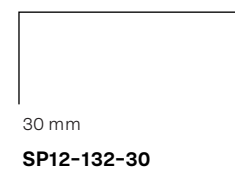
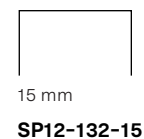
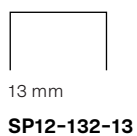
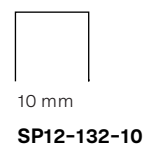
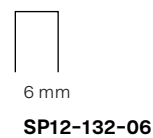
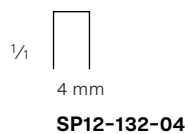
SP12-131-04

SP12-131-50

24 cm / 9 4/8"



LIMbotte
SP12-132-04
SP12-132-50
24 cm / 9 4/8"

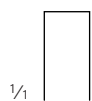


Osteotomes

Osteotome
Osteótomos
Ostéotomes
Osteotomi

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



6 mm

SP12-133-06



9 mm

SP12-133-09



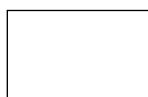
13 mm

SP12-133-13



16 mm

SP12-133-16



19 mm

SP12-133-19



25 mm

SP12-133-25



32 mm

SP12-133-32

1/2

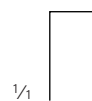


Smith-Petersen

SP12-133-06

SP12-133-32

20,5 cm / 8 1/8"



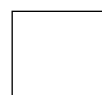
6 mm

SP12-134-06



9 mm

SP12-134-09



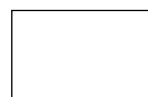
13 mm

SP12-134-13



16 mm

SP12-134-16



19 mm

SP12-134-19



25 mm

SP12-134-25



32 mm

SP12-134-32

1/2

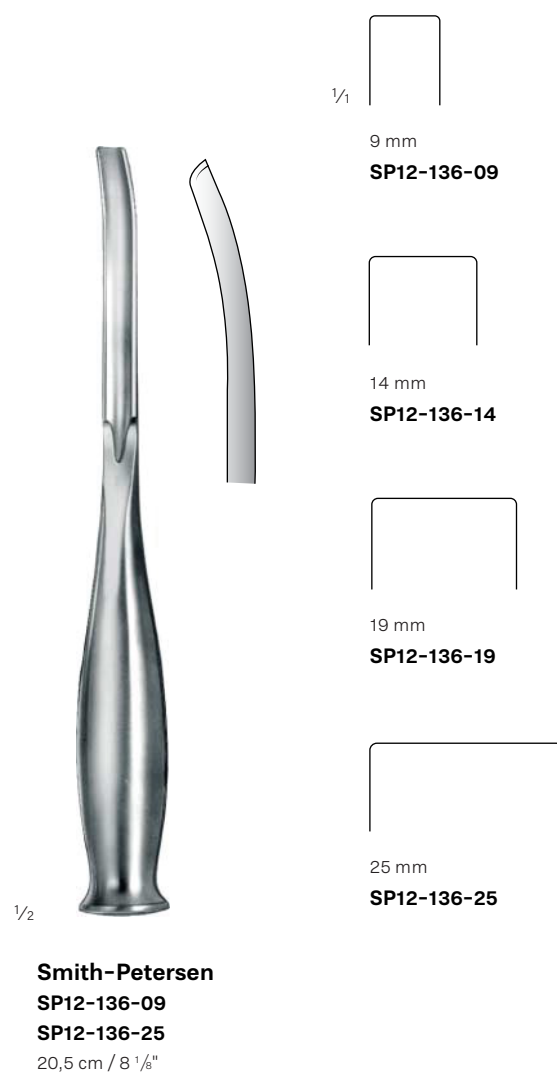
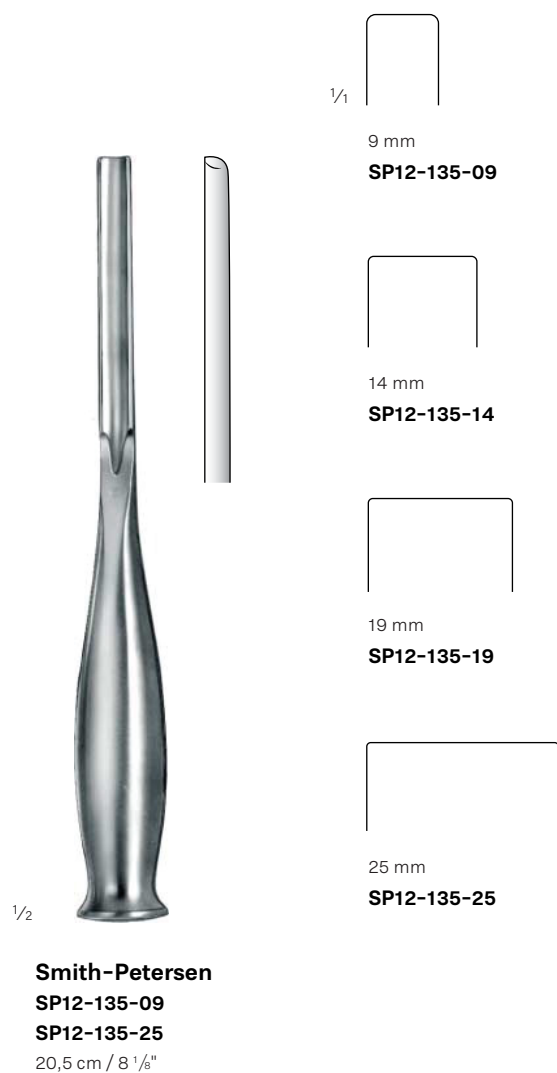


Smith-Petersen

SP12-134-06

SP12-134-32

20,5 cm / 8 1/8"



Sic

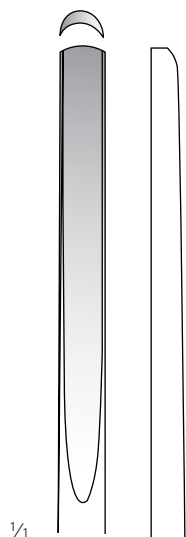


Cobb

SP12-137-06

SP12-140-06

28 cm / 11"



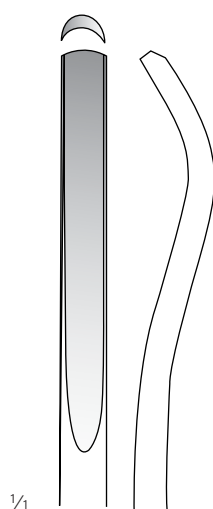
6 mm

SP12-137-06



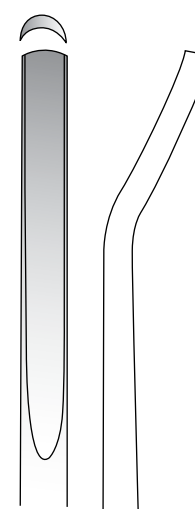
6 mm

SP12-138-06



6 mm

SP12-139-06



6 mm

SP12-140-06



3 mm

SP12-141-03



6 mm

SP12-142-06



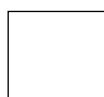
6 mm

SP12-143-06



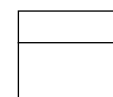
5 mm

SP12-141-05



13 mm

SP12-142-13



13 mm

SP12-143-13



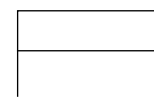
6 mm

SP12-141-06



19 mm

SP12-142-19



19 mm

SP12-143-19



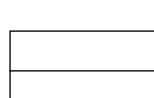
8 mm

SP12-141-08



25 mm

SP12-142-25



25 mm

SP12-143-25



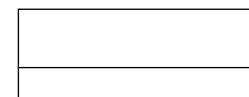
9 mm

SP12-141-09



32 mm

SP12-142-32



32 mm

SP12-143-32



Hoke

SP12-141-03

SP12-141-09

17 cm / 6 ⁵/₈"



Hibbs

SP12-142-06

SP12-142-32

24,5 cm / 9 ⁵/₈"



Hibbs

SP12-143-06

SP12-143-32

24,5 cm / 9 ⁵/₈"

Osteotomes, Gouges

Osteotome, Hohlmeißel

Osteótomos, Gubias

Ostéotomes, Gouges

Osteotomi, Sgorbie

Bone Surgery

Knochenchirurgie

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea



6 mm

SP12-144-06



6 mm

SP12-145-06



6 mm

SP12-146-06



13 mm

SP12-144-13



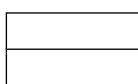
13 mm

SP12-145-13



13 mm

SP12-146-13



19 mm

SP12-144-19



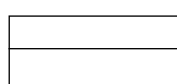
19 mm

SP12-145-19



19 mm

SP12-146-19



25 mm

SP12-144-25



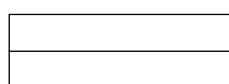
25 mm

SP12-145-25



25 mm

SP12-146-25



32 mm

SP12-144-32



32 mm

SP12-145-32



32 mm

SP12-146-32

1/2

Hibbs

SP12-144-06

SP12-144-32

24,5 cm / 9 5/8"

1/2

Hibbs

SP12-145-06

SP12-145-32

24,5 cm / 9 5/8"

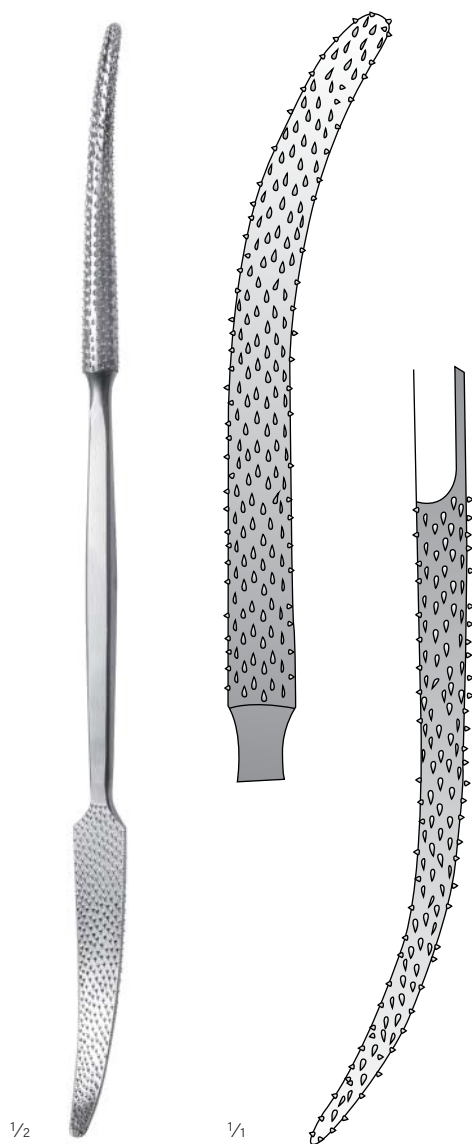
1/2

Hibbs

SP12-146-06

SP12-146-32

24,5 cm / 9 5/8"



Putti

SP12-147-30

30 cm / 11 ⁵/₈"

rund/halbrund
round / semi round
redonda / semi-redonda
ronde / semi-ronde
rotondo / semi-rotondo



Putti

SP12-148-27

27 cm / 10 ⁵/₈"

gebogen/gerade
curved / straight
curva / recta
courbée / droite
curvo / diritto

Tamper

Stössel
Punzón
Pilon
Pestone

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea

1/1 

Ø 3 mm

SP12-149-03

1/1 

Ø 2 mm

SP12-150-02



Ø 3 mm

SP12-150-03

1/1 

Ø 12 mm

SP12-151-12



Ø 5 mm

SP12-149-05



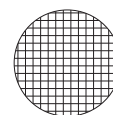
Ø 4 mm

SP12-150-04



Ø 5 mm

SP12-150-05



Ø 14 mm

SP12-151-14



Ø 8 mm

SP12-149-08



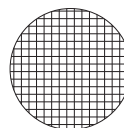
Ø 6 mm

SP12-150-06



Ø 8 mm

SP12-150-08



Ø 16 mm

SP12-151-16



Ø 10 mm

SP12-150-10

1/2



1/2



1/2



Caspar

SP12-149-03

SP12-149-08

22 cm / 8 5/8"



SP12-150-02

SP12-150-10

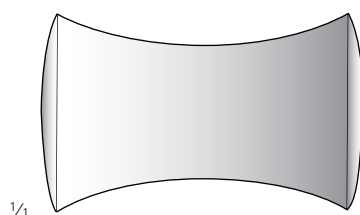
15,5 cm / 6 1/8"

SP12-151-12

SP12-151-16

20 cm / 8"

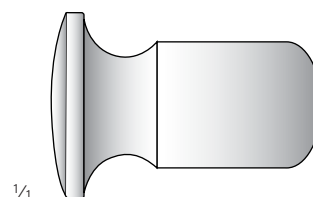




SP12-152-24

24 cm / 9 4/8"

Gewicht	Kopf
weight	head
peso	cabeza
poids	tête
peso	testa
275 g	Ø 26 mm



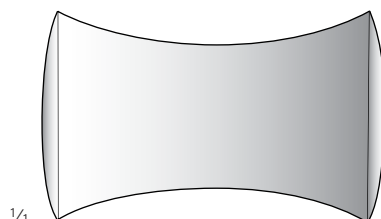
SP12-155-20

20,5 cm / 8 1/8"

Gewicht	Kopf
weight	head
peso	cabeza
poids	tête
peso	testa
120 g	Ø 25 mm



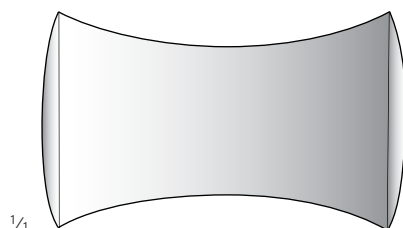
Williger
SP12-152-24
SP12-154-24



SP12-153-24

24 cm / 9 4/8"

Gewicht	Kopf
weight	head
peso	cabeza
poids	tête
peso	testa
320 g	Ø 28 mm



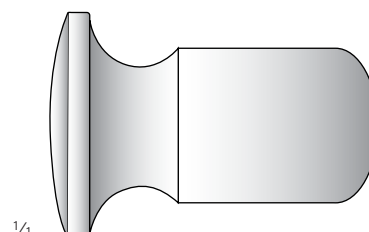
SP12-154-24

24 cm / 9 4/8"

Gewicht	Kopf
weight	head
peso	cabeza
poids	tête
peso	testa
340 g	Ø 30 mm



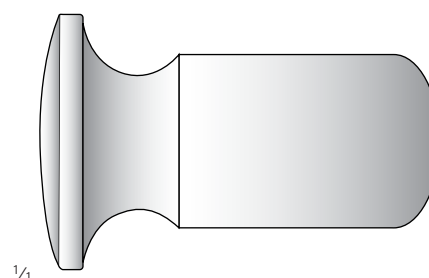
Doyen
SP12-155-20
SP12-157-21



SP12-156-21

21 cm / 8 2/8"

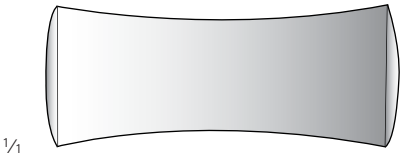
Gewicht	Kopf
weight	head
peso	cabeza
poids	tête
peso	testa
170 g	Ø 30 mm



SP12-157-21

21,5 cm / 8 4/8"

Gewicht	Kopf
weight	head
peso	cabeza
poids	tête
peso	testa
260 g	Ø 35 mm



SP12-159-19

Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 19 mm	230 g

Gewicht	Kopf
weight	head
peso	cabeza
poids	tête
peso	testa
220 g	Ø 30 mm

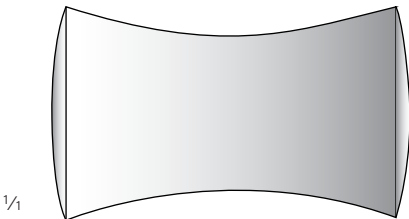
Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 30 mm	300 g



Collin
SP12-158-20
20 cm / 7 7/8"



Lucae
SP12-159-19
SP12-160-19
19,5 cm / 7 5/8"



SP12-160-19

Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 25 mm	260 g



Cottle
SP12-161-19
19 cm / 7 4/8"
plan/konvex
plane / convex
plano / convexo
plan / convexe
plano / convesso



1/2

Williger

SP12-162-16

16,5 cm / 6 4/8"

Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 20 mm	140 g



1/2

SP12-163-26

26 cm / 10 2/8"



Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 30 mm	450 g



1/2

Mead

SP12-164-19

19 cm / 7 4/8"

mit austauschbaren Kunststoffbacken
with interchangeable plastic disks
con tapas intercambiables
avec plaques interchangeables
con placche intercambiabili

Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 27 mm	330 g



1/1

SP12-165-00

Ersatzbacken (Paar)
Spare Facings (pair)
Tapas de repuesto (par)
Plaques de rechange (paire)
Placche di ricambio (paio)



SP12-164-19

SP12-168-91-98

Ersatzbacke
Spare facing
Tapa de repuesto
Placque de rechange
Placche di ricambio



SP12-167-26



1/2

Partsch

SP12-166-19

19 cm / 7 4/8"

mit Hohlheft
with hollow handle
con mango hueco
avec manche creux
con manico vuoto

Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 27 mm	175 g



1/2

IM 12-167-26

26,5 cm / 10 3/8"

plan (Kunststoff), konvex (Stahl),
plane (nylon), convex (steel),
plano (nilón), convexo (acero),
plan (nylon), convexe (acier),
plano (nilon), convesso (acciaio),



Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 32 mm	620 g

SP12-172-00

Ersatzbacken (Paar)
Spare Facings (pair)
Tapas de repuesto (par)
Plaques de rechange (paire)
Placche di ricambio (paio)



SP12-171-24



1/2

SP12-169-26

26 cm / 10 ²/₈"



Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 32 mm	610 g



1/2

SP12-170-24

24 cm / 9 ⁴/₈"



Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 30 mm	460 g



1/2

SP12-171-24

24 cm / 9 ⁴/₈"



Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 37 mm	345 g



1/2

SP12-173-26

26,5 cm / 10 ³/₈"



Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 30 mm	580 g



1/2

SP12-174-26

26,5 cm / 10 ³/₈"



Kopf	Gewicht
head	weight
cabeza	peso
tête	poids
testa	peso
Ø 50 mm	1300 g



1/1



2,5 mm
Fig. 0000
SP12-175-40



3,0 mm
Fig. 000
IM 12-175-30

1/1



4,5 mm
Fig. 0
SP12-176-10



5,5 mm
Fig. 1
SP12-176-01



3,5 mm
Fig. 00
SP12-175-20



4,5 mm
Fig. 0
SP12-175-10



6,0 mm
Fig. 2
SP12-176-02



7 mm
Fig. 3
SP12-176-03



5,5 mm
Fig. 1
SP12-175-01



6,0 mm
Fig. 2
SP12-175-02



8,5 mm
Fig. 4
SP12-176-04



7,0 mm
Fig. 3
SP12-175-03



8,5 mm
Fig. 4
SP12-175-04



9,5 mm
Fig. 5
SP12-175-05



11,5 mm
Fig. 6
SP12-175-06

1/2



Volkman
SP12-175-01
SP12-175-40
17 cm / 6 5/8"
oval
oval
ovalada
ovale
ovala

1/2



Volkman
SP12-176-01
SP12-176-10
27 cm / 10 5/8"
oval
oval
ovalada
ovale
ovala

Bone Curettes

Scharfe Löffel

Cucharillas cortantes

Curettes tranchantes

Curette taglienti

Bone Surgery

Knochenchirurgie

Cirugía ósea

Chirurgie osseuse

Chirurgia ossea

1/1



3,5 mm
Fig. 000

SP12-177-30



4 mm
Fig. 00

SP12-177-20

1/1



3,0 mm
Fig. 0000

SP12-178-40



3,7 mm
Fig. 000

SP12-178-30

1/1



2,8 mm
Fig. 0000

SP12-179-40



5 mm
Fig. 0

SP12-177-10



5,5 mm
Fig. 1

SP12-177-01



4,5 mm
Fig. 00

SP12-178-20



5,2 mm
Fig. 0

SP12-178-10



3,6 mm
Fig. 000

SP12-179-30



6,5 mm
Fig. 2

SP12-177-02



7,5 mm
Fig. 3

SP12-177-03



6,8 mm
Fig. 1

SP12-178-01



8,5 mm
Fig. 2

SP12-178-02



9,0 mm
Fig. 4

SP12-177-04



10,0 mm
Fig. 3

SP12-178-03



11,5 mm
Fig. 4

SP12-178-04



5,2 mm
Fig. 0

SP12-179-10



13,0 mm
Fig. 5

SP12-178-05



14,5 mm
Fig. 6

SP12-178-06

1/2



Schede

SP12-177-01

SP12-177-30

17 cm / 6 5/8"

oval, mit Hohlheft

oval, with hollow handle

ovalada, con mango hueco

ovale, avec manche creux

ovala, con manico vuoto

1/2



Volkmann

SP12-178-01

SP12-178-40

17 cm / 6 5/8"

oval, mit Hohlheft

oval, with hollow handle

ovalada, con mango hueco

ovale, avec manche creux

ovala, con manico vuoto

1/2



Daubenspeck

SP12-179-10

SP12-179-40

17 cm / 6 5/8"

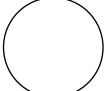
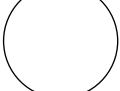
oval, mit Hohlheft

oval, with hollow handle

ovalada, con mango hueco

ovale, avec manche creux

ovala, con manico vuoto

	 1/1 Ø 2,0 mm Fig. 0000 SP12-180-40	 Ø 3,0 mm Fig. 000 SP12-180-30		 1/1 2,5 mm Fig. 0000 SP12-181-40	 3,0 mm Fig. 000 SP12-181-30
	 Ø 4,0 mm Fig. 00 SP12-180-20	 Ø 5,0 mm Fig. 0 SP12-180-10		 4,0 mm Fig. 00 SP12-181-20	 4,5 mm Fig. 0 SP12-181-10
	 Ø 6,0 mm Fig. 1 SP12-180-01	 Ø 8,0 mm Fig. 2 SP12-180-02		 5,0 mm Fig. 1 SP12-181-01	 6,0 mm Fig. 2 SP12-181-02
	 Ø 10,0 mm Fig. 3 SP12-180-03	 Ø 12,0 mm Fig. 4 SP12-180-04		 7,0 mm Fig. 3 SP12-181-03	 8,0 mm Fig. 4 SP12-181-04
	 Ø 13,0 mm Fig. 5 SP12-180-05	 Ø 14,0 mm Fig. 6 SP12-180-06		 9,5 mm Fig. 5 SP12-181-05	
	Bruns SP12-180-01 SP12-180-40 17 cm / 6 5/8" rund, mit Hohlheft round, with hollow handle redonda, con mango hueco rond, avec manche creux rotonda, con manico vuoto			Spratt SP12-181-01 SP12-181-40 17 cm / 6 5/8" oval, mit Hohlheft oval, with hollow handle ovalada, con mango hueco ovale, avec manche creux ovala, con manico vuoto	

Bone Curettes

Scharfe Löffel
Cucharillas cortantes
Curettes tranchantes
Curette taglienti

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea

1/1 
3,5 mm
Fig. 000
SP12-182-30


4,0 mm
Fig. 00
SP12-182-20

1/1 
4,8 mm
SP12-183-25

1/1 
2,5 mm
Fig. 1
SP12-186-01


4,5 mm
Fig. 0
SP12-182-10


5,5 mm
Fig. 1
SP12-182-01


4,8 mm
SP12-184-25

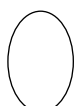

3,0 mm
Fig. 2
SP12-186-02

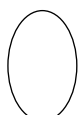

6,0 mm
Fig. 2
SP12-182-02


7,5 mm
Fig. 3
SP12-182-03


4,8 mm
SP12-185-25

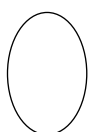

3,5 mm
Fig. 3
SP12-186-03


8,5 mm
Fig. 4
SP12-182-04


10,0 mm
Fig. 5
SP12-182-05


4,8 mm
SP12-185-25


4,0 mm
Fig. 4
SP12-186-04


11,5 mm
Fig. 6
SP12-182-06

1/2 
Bruns
SP12-182-01
SP12-182-30

23 cm / 9 "
oval, massiv
oval, solid
ovalada, maciza
ovale, solide
ovala, solida

1/2 
Scoville
SP12-183-25
SP12-185-25
25 cm / 9 7/8 "
oval, mit Hohlheft
oval, with hollow handle
ovalada, con mango hueco
ovale, avec manche creux
ovala, con manico vuoto

1/2 
Simon
SP12-186-01
SP12-186-06
22,5 cm / 8 7/8 "
oval, mit Hohlheft
oval, with hollow handle
ovalada, con mango hueco
ovale, avec manche creux
ovala, con manico vuoto


4,5 mm
Fig. 5
SP12-186-05


5,5 mm
Fig. 6
SP12-186-06

1/1 ○

3,5 mm
Fig. 000

SP12-187-30

1/1 ○

2,3 mm
Fig. 1

SP12-188-01

1/1 ○

2,3 mm
Fig. 1

SP12-189-01

○

4,5 mm
Fig. 00

SP12-187-20

○

2,6 mm
Fig. 2

SP12-188-02

○

2,6 mm
Fig. 2

SP12-189-02

○

5,0 mm
Fig. 0

SP12-187-10

○

3,0 mm
Fig. 3

SP12-188-03

○

3,0 mm
Fig. 3

SP12-189-03

○

6,0 mm
Fig. 1

SP12-187-01

○

3,5 mm
Fig. 4

SP12-188-04

○

3,5 mm
Fig. 4

SP12-189-04

○

○

4,5 mm
Fig. 5

SP12-188-05

○

4,5 mm
Fig. 5

SP12-189-05

○

○

5,0 mm
Fig. 6

SP12-188-06

○

5,0 mm
Fig. 6

SP12-189-06

1/2



1/2



1/2



SP12-187-01
SP12-187-30

25 cm / 9 7/8"

oval, mit Hohlheft
oval, with hollow handle
ovalada, con mango hueco
ovale, avec manche creux
ovala, con manico vuoto

Modell USA
SP12-188-01
SP12-188-06

16,5 cm / 6 4/8"

oval, mit Hohlheft
oval, with hollow handle
ovalada, con mango hueco
ovale, avec manche creux
ovala, con manico vuoto

Modell USA
SP12-189-01
SP12-189-06

16 cm / 6 2/8"

oval, mit Hohlheft
oval, with hollow handle
ovalada, con mango hueco
ovale, avec manche creux
ovala, con manico vuoto

Bone Curettes

Scharfe Löffel

Cucharillas cortantes

Curettes tranchantes

Curette taglienti

Bone Surgery

Knochenchirurgie

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea

1/4 0

2,3 mm

Fig. 1

SP12-190-01

1/4 0

3,0 mm

SP12-191-03

1/4 0

4,8 mm

Fig. 1

SP12-192-01

0

2,6 mm

Fig. 2

SP12-190-02

0

4,0 mm

SP12-191-04

0

5,8 mm

Fig. 2

SP12-192-02

0

3,0 mm

Fig. 3

SP12-190-03

0

5,0 mm

SP12-191-05

0

6,8 mm

Fig. 3

SP12-192-03

0

3,5 mm

Fig. 4

SP12-190-04

0

4,5 mm

Fig. 5

SP12-190-05

0

5,0 mm

Fig. 6

SP12-190-06



1/2

Modell USA

SP12-190-01

SP12-190-06

16,5 cm / 6 4/8"

oval, mit Hohlheft

oval, with hollow handle

ovalada, con mango hueco

ovale, avec manche creux

ovalada, con manico vuoto



1/2

Bushe

SP12-191-03

SP12-191-05

25 cm / 9 7/8"

oval, mit Hohlheft

oval, with hollow handle

ovalada, con mango hueco

ovale, avec manche creux

ovalada, con manico vuoto



1/2

Halle

SP12-192-01

SP12-192-03

21 cm / 8 2/8"

oval, biegsamer Schaft, mit Hohlheft

oval, malleable shaft, with hollow handle

ovalada, vástago maleable, con mango hueco

ovale, tige malléable, avec manche creux

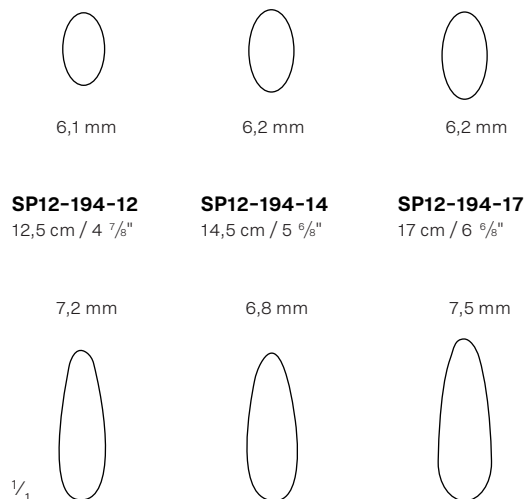
ovalada, gambo malleable, con manico vuoto



Jacobson
SP12-193-14
14 cm / 5 4/8"



Volkmann
SP12-194-12
SP12-194-17



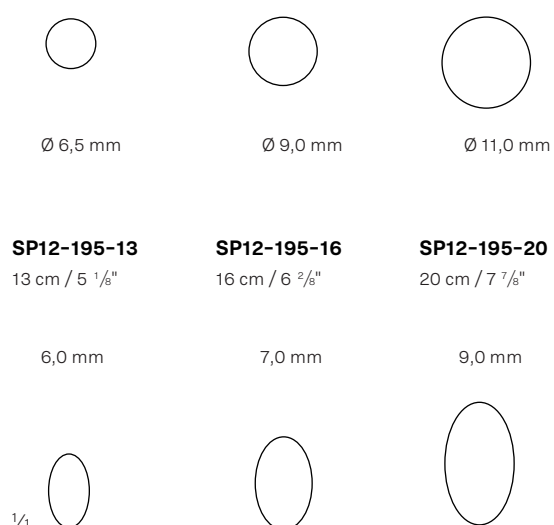
SP12-194-12
12,5 cm / 4 7/8"

SP12-194-14
14,5 cm / 5 5/8"

SP12-194-17
17 cm / 6 5/8"



Volkmann
SP12-195-13
SP12-195-20



SP12-195-13
13 cm / 5 1/8"

SP12-195-16
16 cm / 6 2/8"

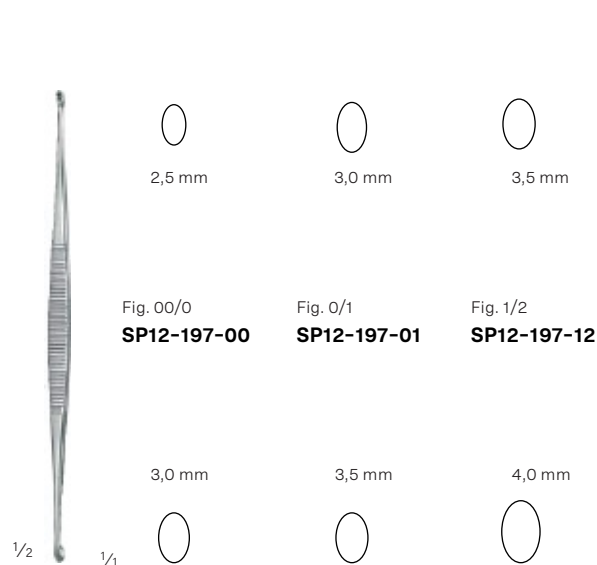
SP12-195-20
20 cm / 7 7/8"



SP12-196-21
21 cm / 8 2/8"

Bone Curettes, double-ended, Bone Curettes
 Scharfe Doppellöffel, Scharfe Küretten
 Cucharillas de doble extremo, Curetas cortantes
 Curettes doubles, Curettes
 Curette doppie, Curette

Bone Surgery
 Knochenchirurgie
 Cirugía ósea
 Chirurgie osseuse
 Chirurgia ossea



Williger
SP12-197-00
SP12-197-12

14 cm / 5 4/8"
 oval
 oval
 ovalada
 ovale
 ovala

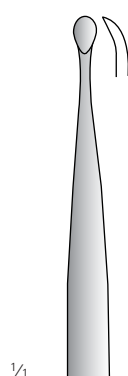


Fig. 1
SP12-199-01
 17 cm / 6 5/8"

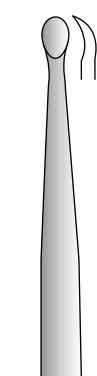


Fig. 2
SP12-199-02
 17 cm / 6 5/8"

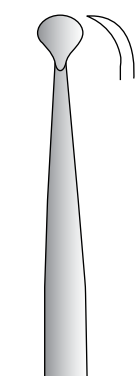


Fig. 4
SP12-199-04
 17 cm / 6 5/8"



Fig. 5
SP12-199-05
 17,5 cm / 6 7/8"

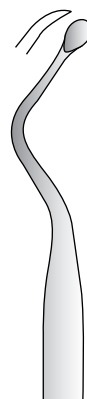
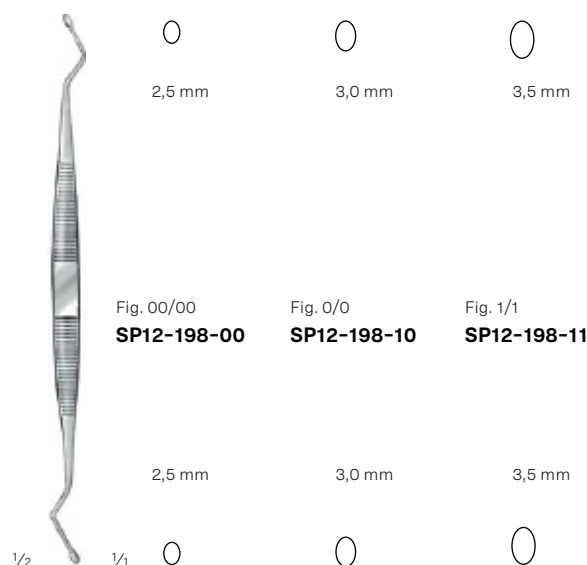


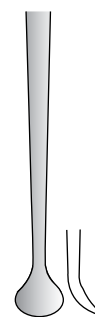
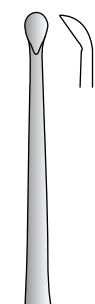
Fig. 6
SP12-199-06
 17,5 cm / 6 7/8"

Molt
SP12-199-01
SP12-199-06

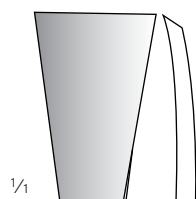


Williger
SP12-198-00
SP12-198-11

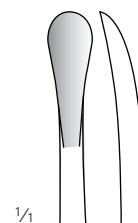
16,5 cm / 6 4/8"
 oval
 oval
 ovalada
 ovale
 ovala



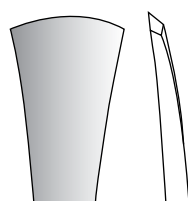
Molt
SP12-200-19
 19 cm / 7 4/8"



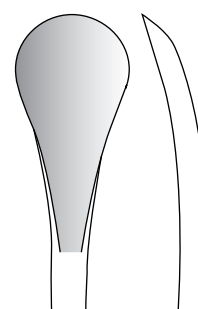
16 mm
SP12-201-01
19 cm / 7 ⁴/₈"



7 mm
SP12-202-16
16 cm / 6 ²/₈"



16 mm
SP12-201-02
20 cm / 7 ⁷/₈"



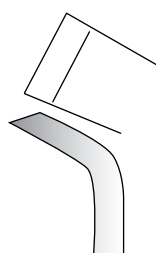
15 mm
SP12-202-18
18,5 cm / 7 ²/₈"



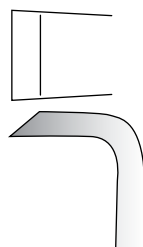
1/2

Martin-Langenbeck
SP12-201-01
IM 12-201-04

massiv
solid
macizo
solide
pieno



12 mm
SP12-201-03
19 cm / 7 ⁴/₈"



12 mm
SP12-201-04
18 cm / 7 ¹/₈"



1/2

Martin-Hoen
SP12-202-16
SP12-202-19

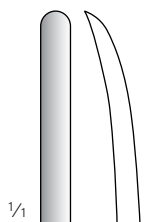
massiv
solid
macizo
solide
pieno

Periosteal Elevators

Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi

Bone Surgery

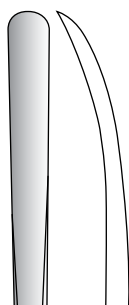
Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



4 mm

SP12-203-04

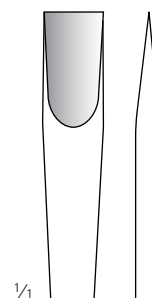
17,5 cm / 7"



6 mm

SP12-203-06

17,5 cm / 7"



8 mm



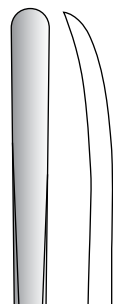
1/2

Martin-Cushing

SP12-203-04

SP12-203-07

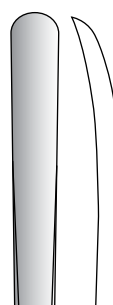
massiv
solid
macizo
solide
pieno



5 mm

SP12-203-05

19,5 cm / 7 5/8"



7 mm

SP12-203-07

19,5 cm / 7 5/8"



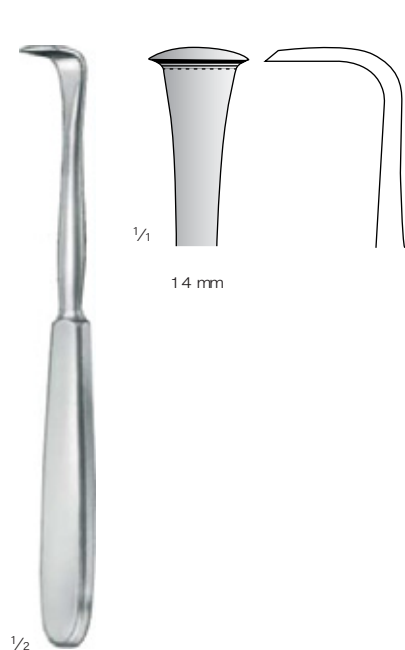
1/2

Martin-Cushing

SP12-204-17

17 cm / 6 5/8"

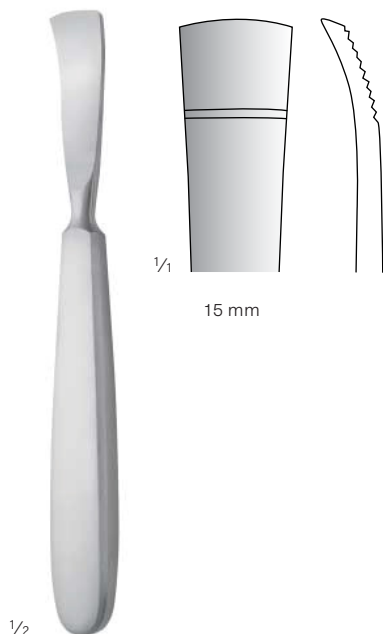
massiv
solid
macizo
solide
pieno



Langenbeck

SP12-205-18

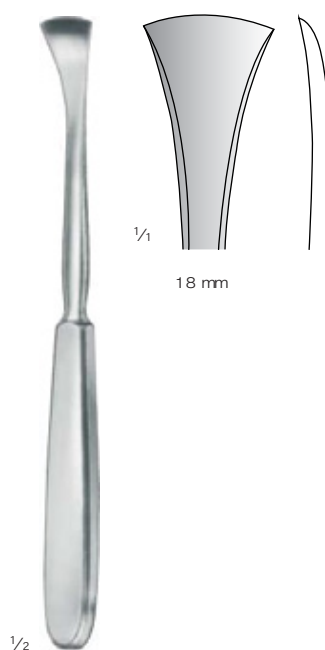
18 cm / 7 1/8"
mit Hohlheft
with hollow handle
con mango hueco
avec manche creux
con manico vuoto



Jansen

SP12-208-16

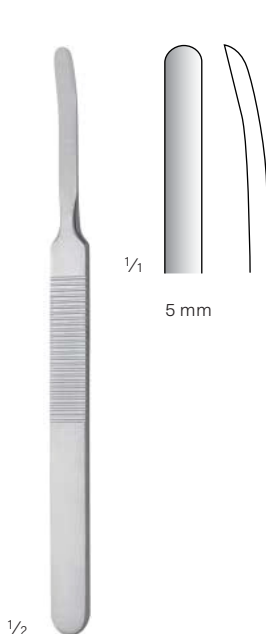
16,5 cm / 6 4/8"



Langenbeck

SP12-206-19

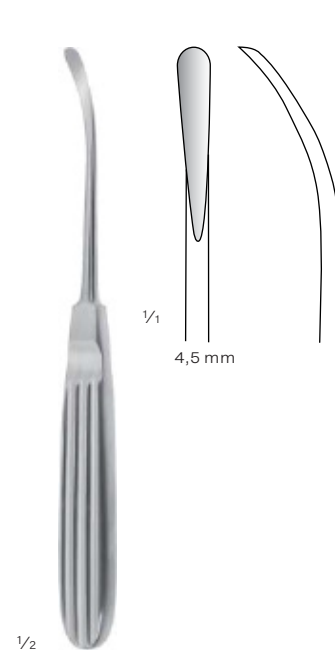
19 cm / 7 4/8"
mit Hohlheft
with hollow handle
con mango hueco
avec manche creux
con manico vuoto



König

SP12-209-15

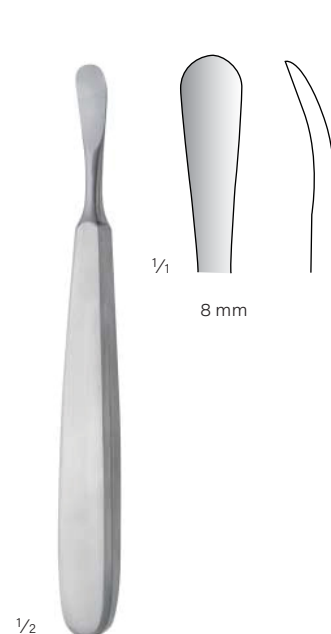
15,5 cm / 6 1/8"



Landolt

SP12-207-17

17,5 cm / 6 7/8"



Trelat

SP12-210-15

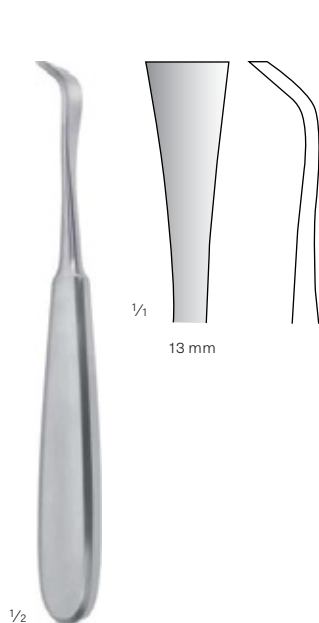
15 cm / 5 7/8"

Periosteal Elevators

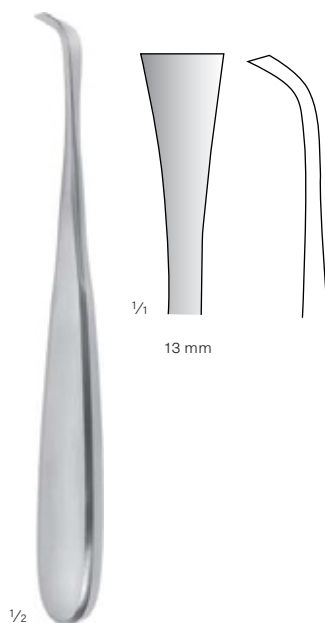
Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi

Bone Surgery

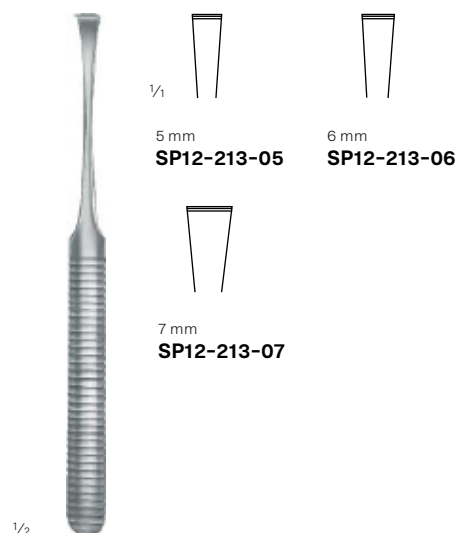
Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



Schneider
SP12-211-17
17,5 cm / 6 ⁷/₈"

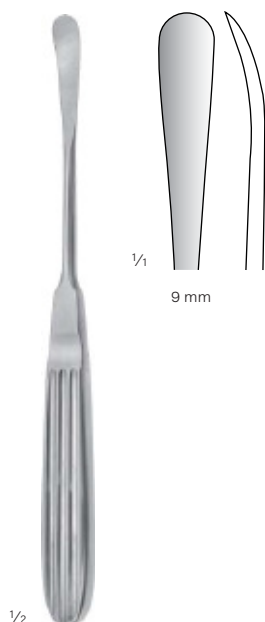


Schneider-Sauerbruch
SP12-212-19
19 cm / 7 ⁴/₈"



SP12-213-05
SP12-213-07
16 cm / 6 ²/₈"

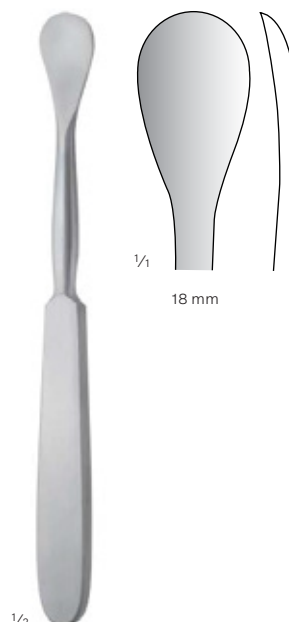
fein, gewinkelt, massiv
delicate, angled, solid
fino, angulada, macizo
fin, coudée, solide
fino, angulata, solido



Cottle
SP12-214-19
19 cm / 7 ⁴/₈"



Sewall
SP12-215-20
20 cm / 7 ⁷/₈"



Sedillot
SP12-216-18
18,5 cm / 7 ²/₈"



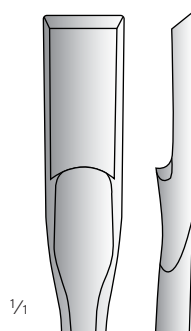
1/2

Farabeuf-Collin

SP12-217-15

SP12-218-15

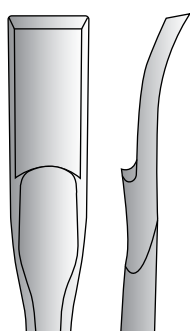
15,5 cm / 6 1/8"



1/1

11 mm

SP12-217-15



11 mm

SP12-218-15



1/2

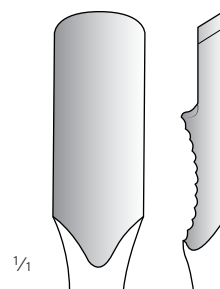
Farabeuf

SP12-219-15

SP12-220-15

15,5 cm / 6 1/8"

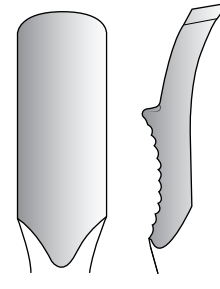
mit Hohlheft
with hollow handle
con mango hueco
avec manche creux
con manico vuoto



1/1

12,5 mm

SP12-219-15



12,5 mm

SP12-220-15



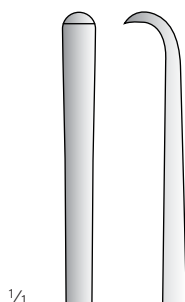
1/2

Mühling

SP12-221-17

SP12-224-17

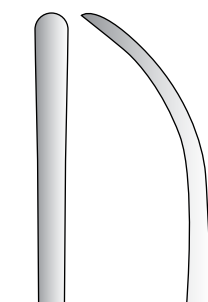
17 cm / 6 5/8"



1/1

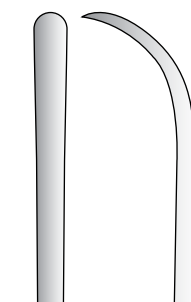
4 mm

SP12-221-17



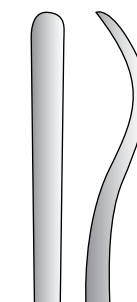
4 mm

SP12-222-17



4 mm

SP12-223-17



4 mm

SP12-224-17

Periosteal Elevators

Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi

Bone Surgery
Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



1/4



3 mm
SP12-225-01
18 cm / 7 1/8"



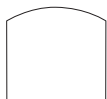
6,5 mm
SP12-225-02
18 cm / 7 1/8"



9,5 mm
SP12-225-03
19 cm / 7 4/8"



12,5 mm
SP12-225-04
19 cm / 7 4/8"



16 mm
SP12-225-05
20 cm / 7 7/8"



19 mm
SP12-225-06
20 cm / 7 7/8"

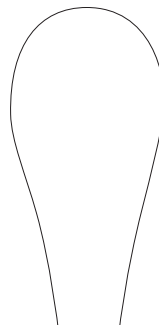


24,5 mm
SP12-225-07
21 cm / 8 2/8"

Key
SP12-225-01
SP12-225-07



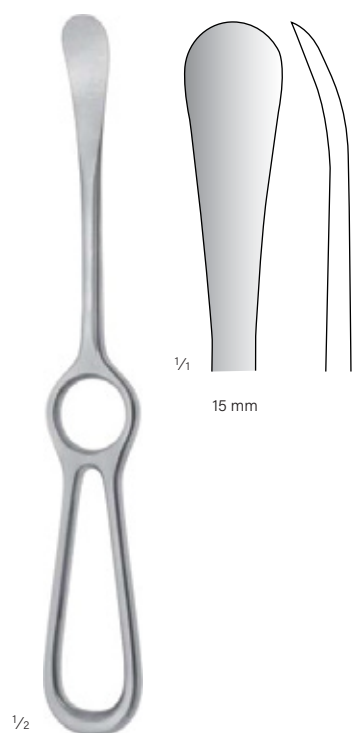
1/4



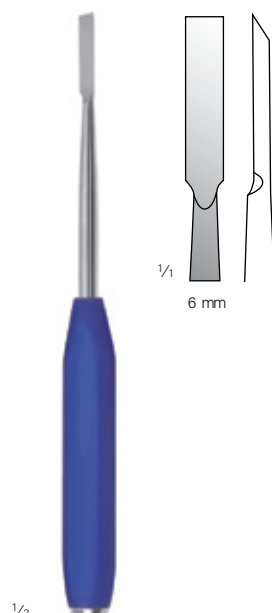
	6 mm	10 mm	13 mm	19 mm	25 mm
23 cm / 9"	SP12-226-06	SP12-226-10	SP12-226-13	SP12-226-19	SP12-226-25
28 cm / 11"	SP12-227-06	SP12-227-10	SP12-227-13	SP12-227-19	SP12-227-25

1/2

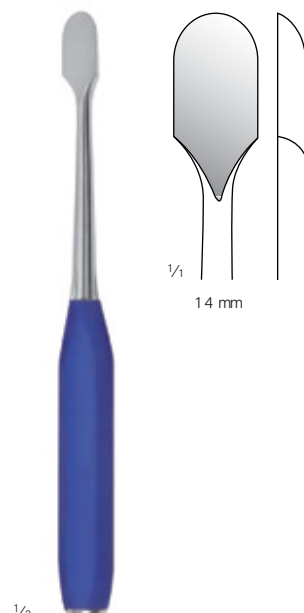
Cobb
SP12-226-06
SP12-227-25



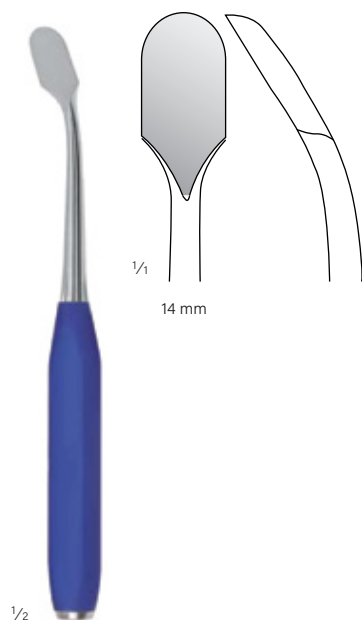
Sedillot
SP12-228-23
23 cm / 9"



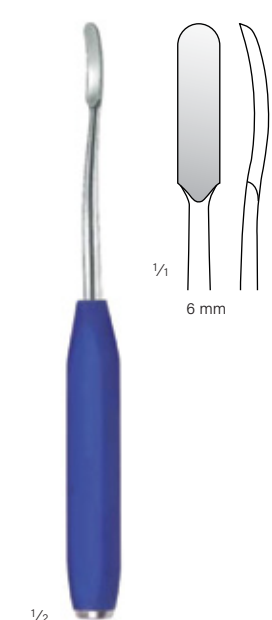
SP12-229-20
20 cm / 7 7/8"



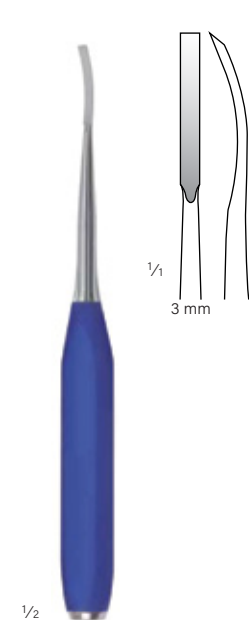
SP12-230-20
20 cm / 7 7/8"



SP12-231-20
20 cm / 7 7/8"



SP12-232-20
20 cm / 7 7/8"



SP12-233-20
20 cm / 7 7/8"

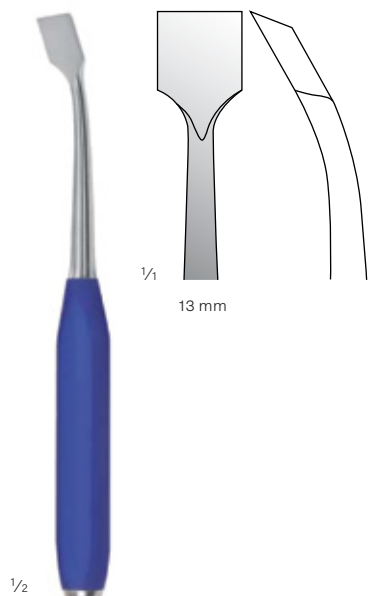


Periosteal Elevators

Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi

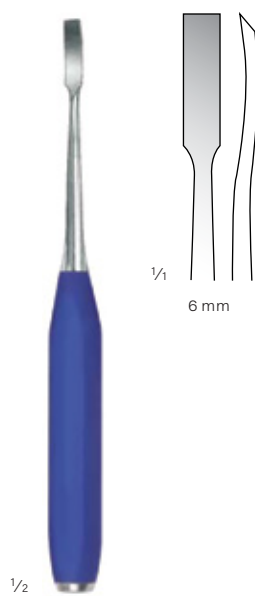
Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



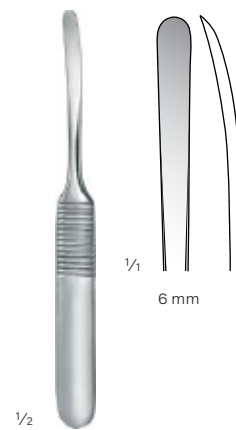
SP12-234-20

20 cm / 7 7/8"



SP12-235-20

20 cm / 7 7/8"

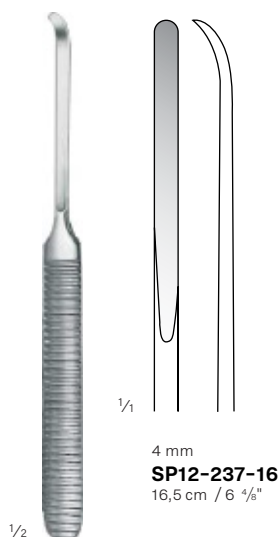


Williger

SP12-236-12

12,5 cm / 4 7/8"

massiv
solid
macizo
solide
pieno



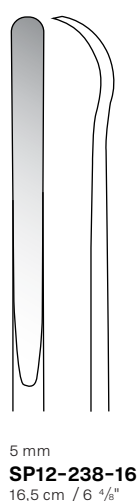
Kahre-Williger

SP12-237-16

SP12-238-16

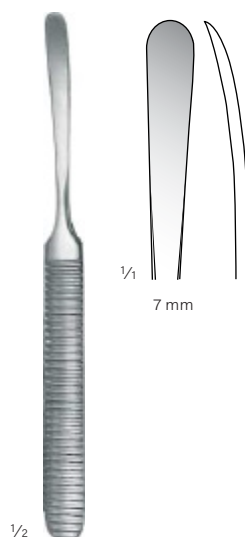
16,5 cm / 6 4/8"

massiv
solid
macizo
solide
pieno



SP12-238-16

16,5 cm / 6 4/8"

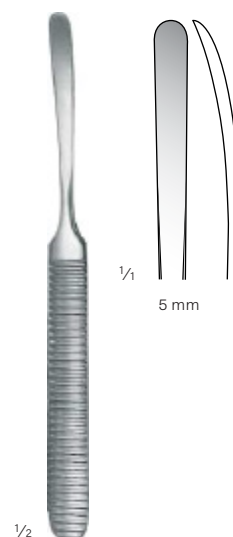


Williger

SP12-239-16

16 cm / 6 4/8"

massiv
solid
macizo
solide
pieno

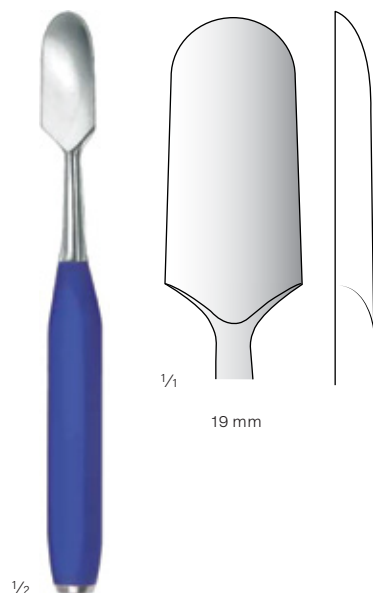


Williger

SP12-240-16

16 cm / 6 4/8"

massiv
solid
macizo
solide
pieno



SP12-241-20

20 cm / 7 ⁷/₈"

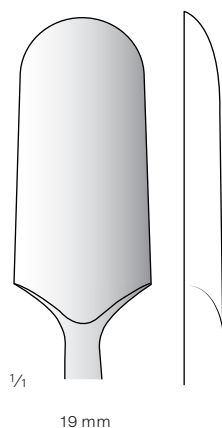


SP12-243-06

SP12-243-08

17 cm / 6 ⁵/₈"

mit Hohlheft
with hollow handle
con mango hueco
avec manche creux
con manico vuoto

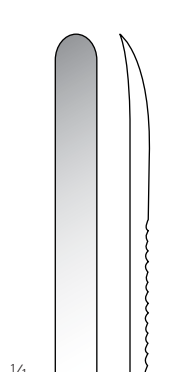
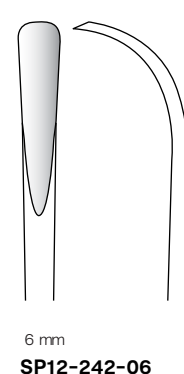
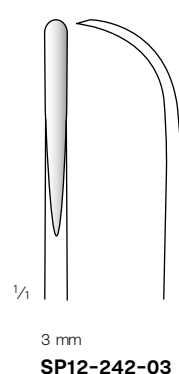


1/2

SP12-242-03

SP12-242-06

17 cm / 6 ⁵/₈"



SP12-243-06



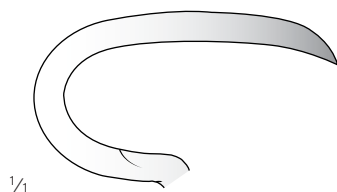
SP12-243-08

Periosteal Elevators

Raspatorien
Periostótomos
Rugines-raspatoires
Periostotomi

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea

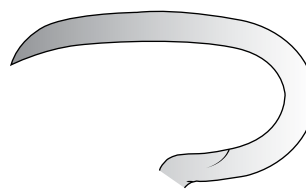


1/1

SP12-244-17

17 cm / 6 5/8"

rechts gebogen
right curved
curvo a la derecha
courbé à droite
curvo destro



SP12-245-17

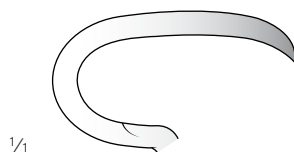
17 cm / 6 5/8"

links gebogen
left curved
curvo a la izquierda
courbé à gauche
curvo sinistro

für Erwachsene
for adults
para adultos
pour adultes
per adulti



1/2

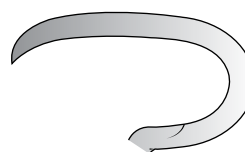


1/1

SP12-246-18

18 cm / 7 1/8"

rechts gebogen
right curved
curvo a la derecha
courbé à droite
curvo destro



SP12-247-18

18 cm / 7 1/8"

links gebogen
left curved
curvo a la izquierda
courbé à gauche
curvo sinistro

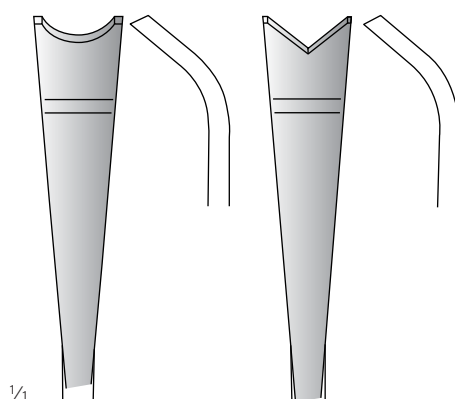
für Kinder
for children
para niños
pour enfants
per bambini

Doyen

SP12-244-17

SP12-247-18

Rippenraspatorien, mit Hohlheft
Rib Raspatories, with hollow handle
Legras costales, con mango hueco
Rugines pour le périoste costale avec manche creux
Periostotomi costali, con manico vuoto



12 mm

Fig. 1

SP12-249-01

19 cm / 7 ⁴/₈"

12 mm

Fig. 2

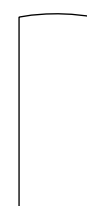
SP12-249-02

22 cm / 8 ⁵/₈"



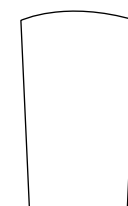
5 mm

SP12-250-05



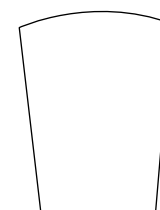
10 mm

SP12-250-10



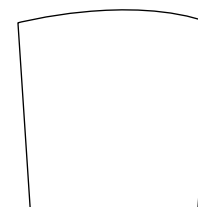
15 mm

SP12-250-15



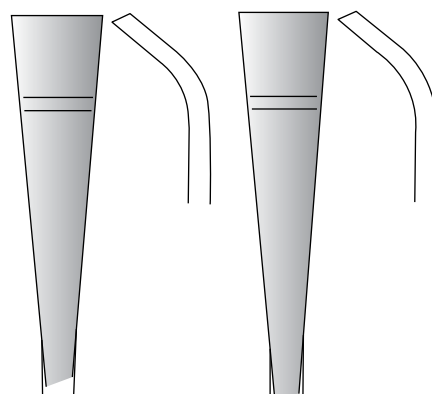
20 mm

SP12-250-20



25 mm

SP12-250-25



13 mm

Fig. 3

SP12-249-03

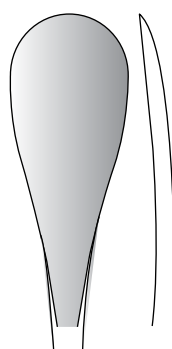
19 cm / 7 ⁴/₈"

13 mm

Fig. 4

SP12-249-04

22 cm / 8 ⁵/₈"



15 mm

Fig. 5

SP12-249-05

23 cm / 9"



1/2

LIMbotte

SP12-250-05

SP12-250-25

21,5 cm / 8 ⁴/₈"



1/2

Alexander

SP12-248-21

21 cm / 8 ²/₈"



1/2

Semb

SP12-249-01

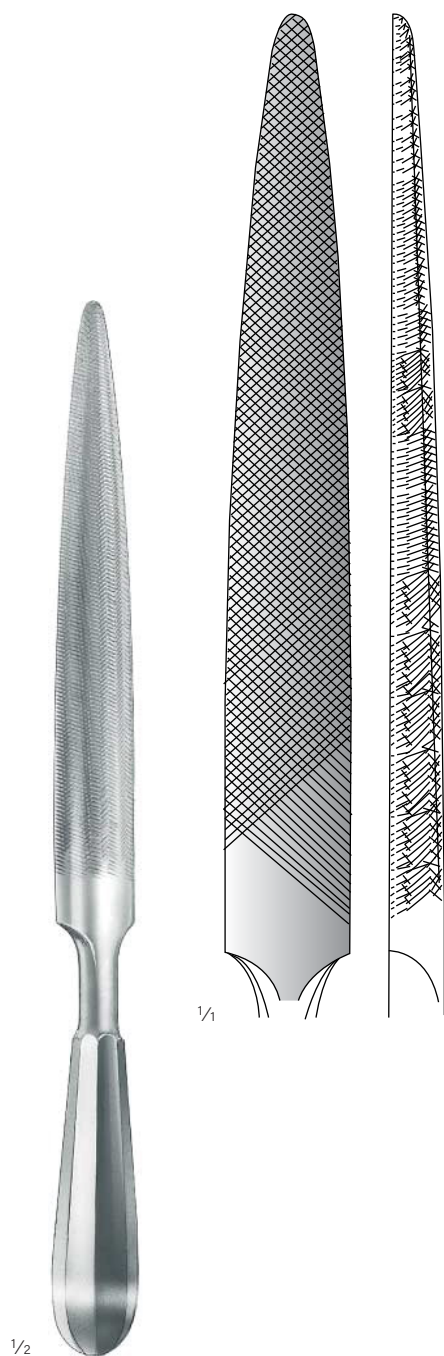
SP12-249-05

Bone Files

Knochenfeilen
Limas para huesos
Limes à os
Lime per ossa

Bone Surgery

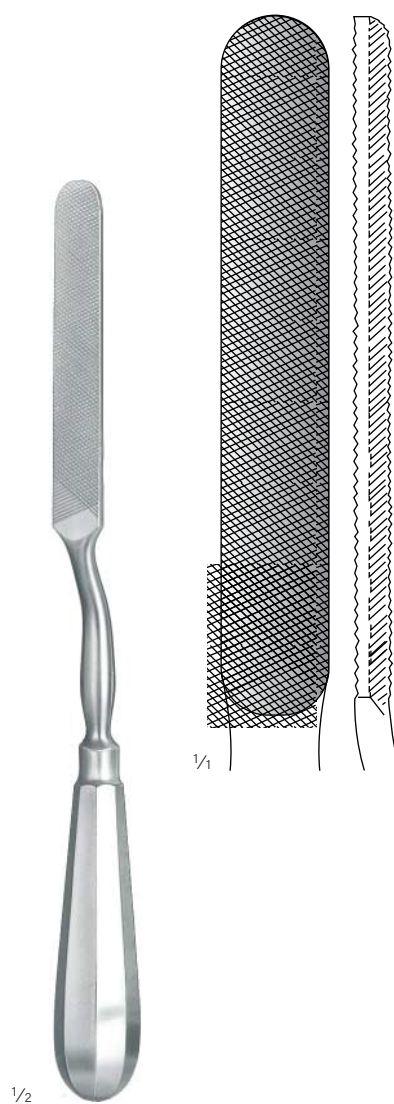
Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



SP12-251-28

28 cm / 11 "

halbrund, mit Hohlheft
semi round, with hollow handle
semi-redonda, con mango hueco
semi-ronde, avec manche creux
semi-rotonda, con manico vouto



SP12-252-25

25 cm / 9 7/8"

halbrund, mit Hohlheft
semi round, with hollow handle
semi-redonda, con mango hueco
semi-ronde, avec manche creux
semi-rotonda, con manico vouto



SP12-253-22

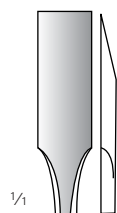
22 cm / 8 5/8"

flach, massiv
flat, solid
plana, maciza
plate, solide
plana, solida



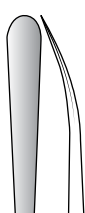
1/2

Adson
SP12-254-01
SP12-254-04

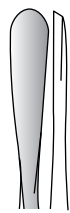


1/1

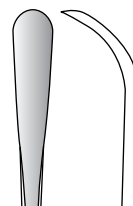
7,9 mm
SP12-254-01
 17 cm / 6 5/8"



5,0 mm
SP12-254-02
 17,5 cm / 6 7/8"



7,7 mm
SP12-254-03
 17,5 cm / 6 7/8"



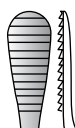
6,3 mm
SP12-254-04
 17 cm / 6 5/8"



1/2

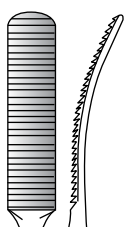
Miller-Colburn
SP12-255-01
SP12-255-05

auf Zug schneidend
 downwards cutting
 corte abajo
 tranchant en bas
 tagliente in basso



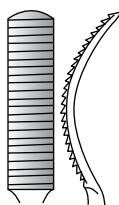
6,6 mm

Fig. 1
SP12-255-01
 18 cm / 7 1/8"



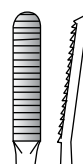
6,8 mm

Fig. 2
SP12-255-02
 18 cm / 7 1/8"



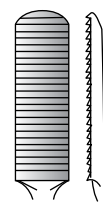
7,0 mm

Fig. 3
SP12-255-03
 18 cm / 7 1/8"



4,6 mm

Fig. 4
SP12-255-04
 18 cm / 7 1/8"

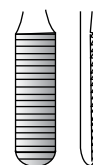


7,8 mm

Fig. 5
SP12-255-05
 18 cm / 7 1/8"

4,5 mm

1/1



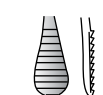
6,2 mm



4,6 mm



3,2 mm



4,2 mm

Bone Files, Alveotomy Files

Knochenfeilen, Alveotomiefeilen

Limas para huesos, Limas para alveolotomía

Limes à os, Limes pour alvéolotomie

Lime per ossa, Lime per alveolotomia

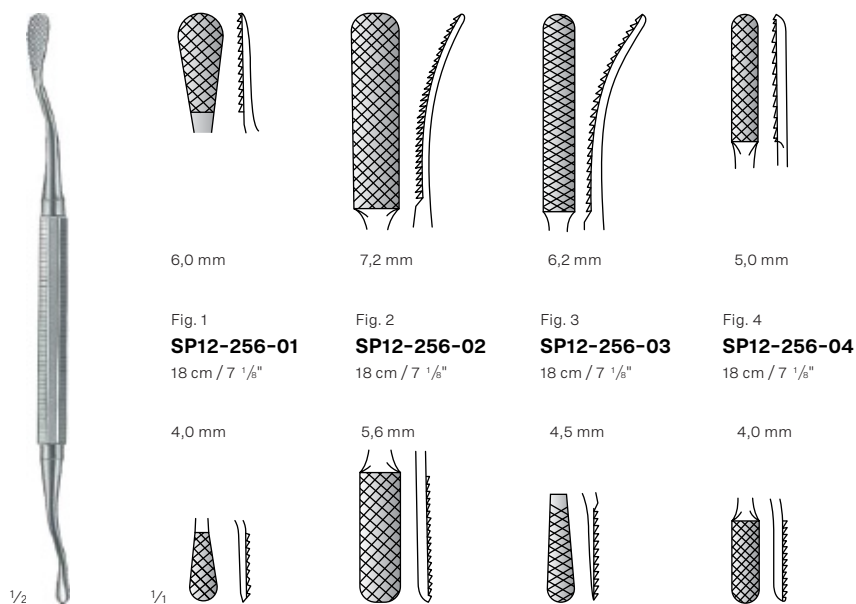
Bone Surgery

Knochenchirurgie

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea



Miller-Colburn

SP12-256-01

SP12-256-04

Kreuzhieb

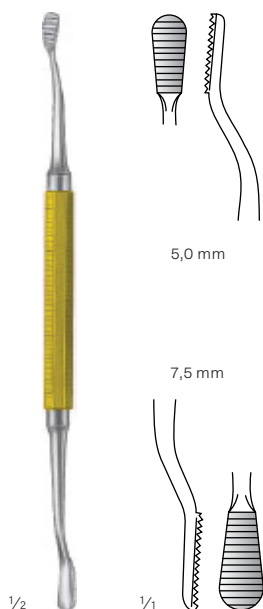
cross cut

picado en cruz

taille croisée

tagliente a croce

TC GOLD

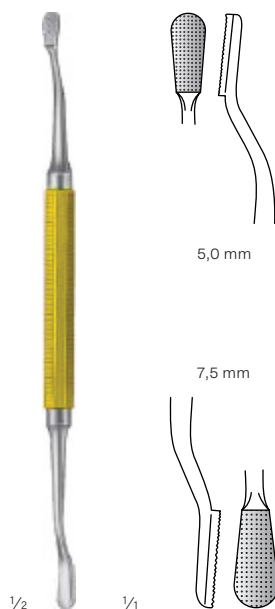


Miller

SP12-257-19

19 cm / 7 4/8"

TC GOLD



Miller

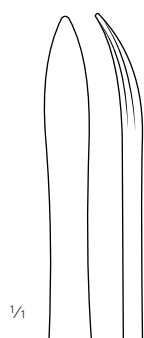
SP12-258-19

19 cm / 7 4/8"



1/2

Langenbeck
SP12-259-07
SP12-259-10



1/1

7 mm
SP12-259-07
19,5 cm / 7 5/8"



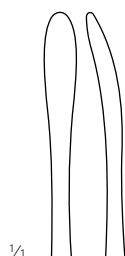
10 mm
SP12-259-10
19,5 cm / 7 5/8"



1/2

Martin-Langenbeck
SP12-260-05
SP12-260-10

massiv
solid
macizo
solide
pieno

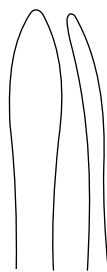


1/1

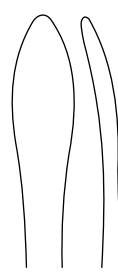
5 mm
SP12-260-05
17 cm / 6 5/8"



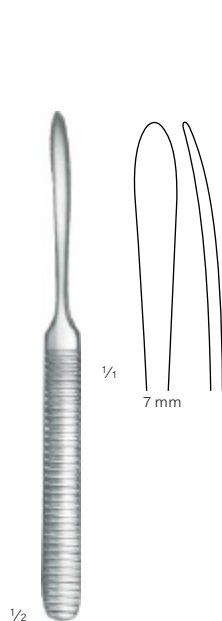
7 mm
SP12-260-07
17 cm / 6 5/8"



8 mm
SP12-260-08
19,5 cm / 7 5/8"



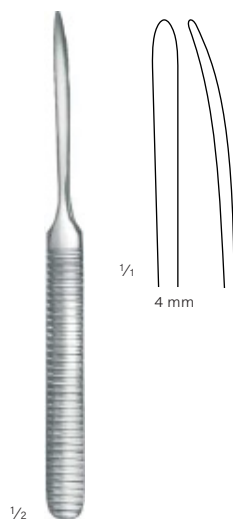
10 mm
SP12-260-10
19,5 cm / 7 5/8"



Williger
SP12-261-17

17 cm / 6 ⁵/₈"

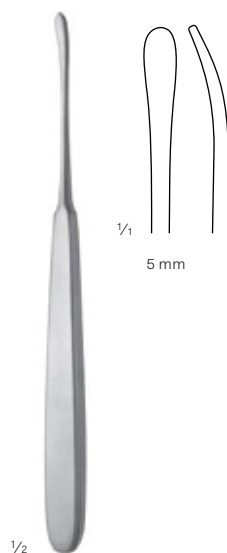
massiv
solid
macizo
solide
pieno



Williger
SP12-262-16

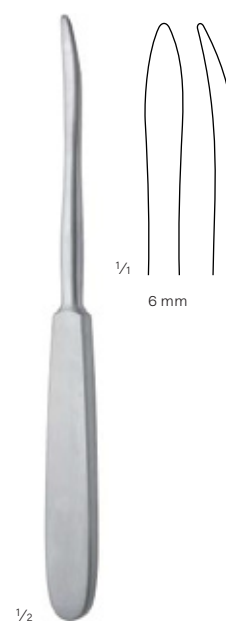
16 cm / 6 ²/₈"

massiv
solid
macizo
solide
pieno



Sebileau
SP12-263-17

17,5 cm / 6 ⁷/₈"



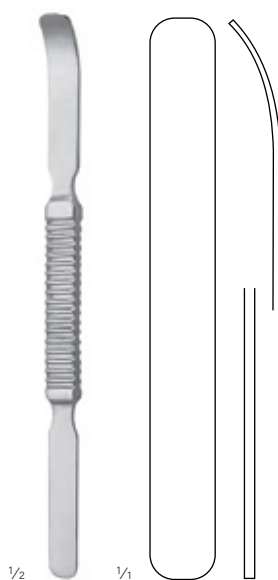
Quervain
SP12-264-19

19,5 cm / 7 ⁵/₈"



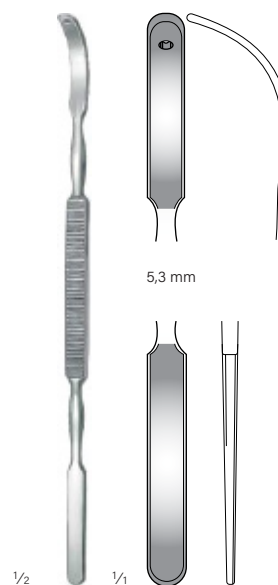
Alderdyce
SP12-265-21

21 cm / 8 ²/₈"



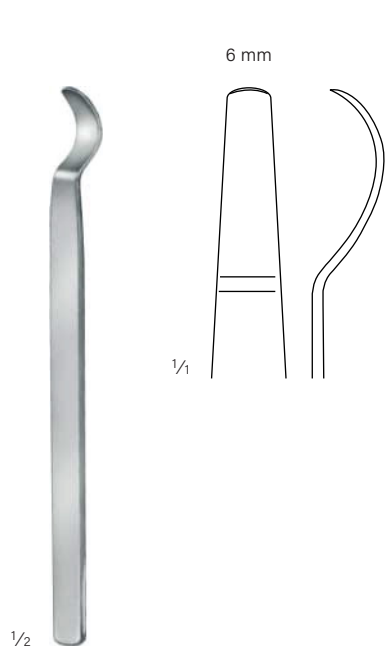
SP12-266-18

18 cm / 7 ¹/₈"

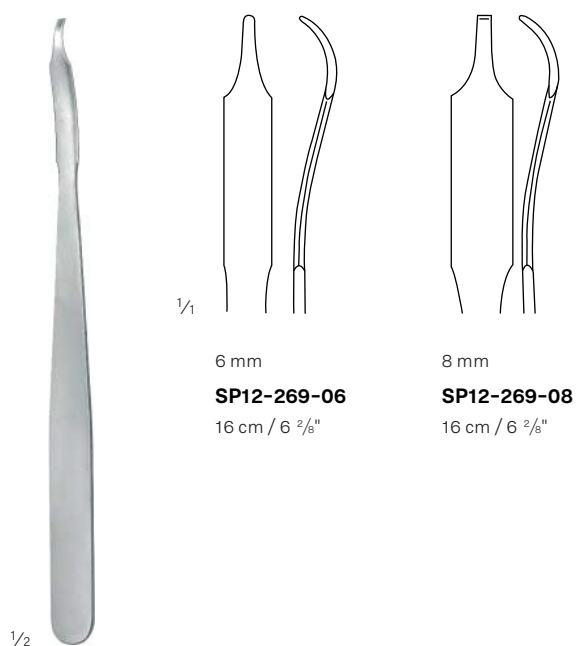


McDonald
SP12-267-18

18,5 cm / 7 ²/₈"



SP12-268-15
15 cm / 5 ⁷/₈"



SP12-269-06
16 cm / 6 ²/₈"

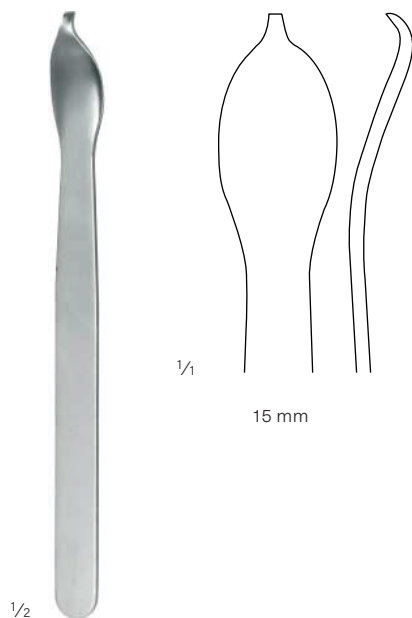
SP12-269-08
16 cm / 6 ²/₈"

Hohmann, mini

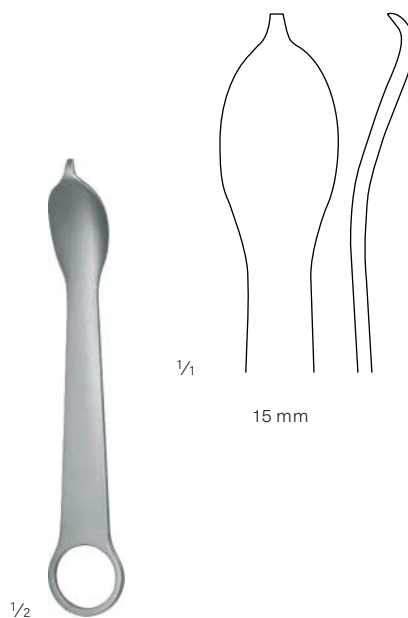
SP12-269-06

SP12-269-08

16 cm / 6 ²/₈"



SP12-270-16
16 cm / 6 ²/₈"



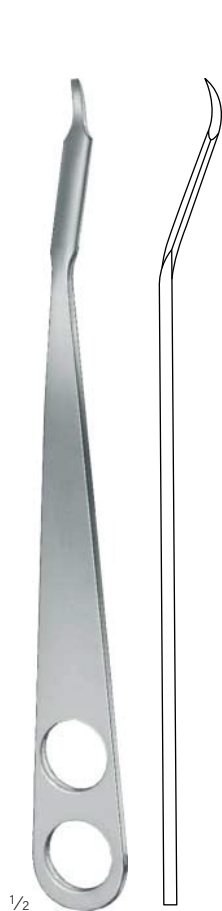
SP12-271-12
12 cm / 4 ⁶/₈"

Bone Levers

Knochenhebel
Elevadores para hueso
Leviers à os
Elevatori per ossa

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea

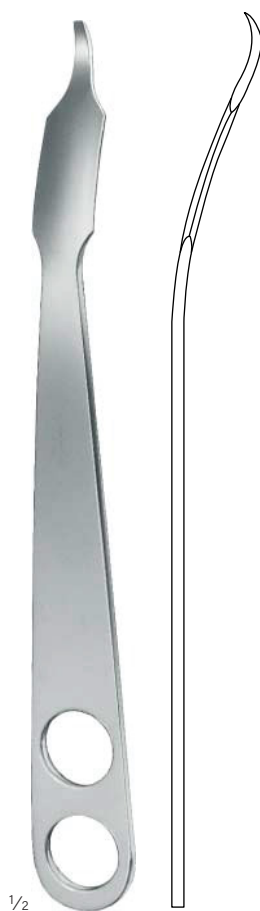


8 mm

Hohmann
SP12-272-08

21,5 cm / 8 4/8"

schmale Spitze
narrow tip
punta estrecha
pointe étroite
punta stretta

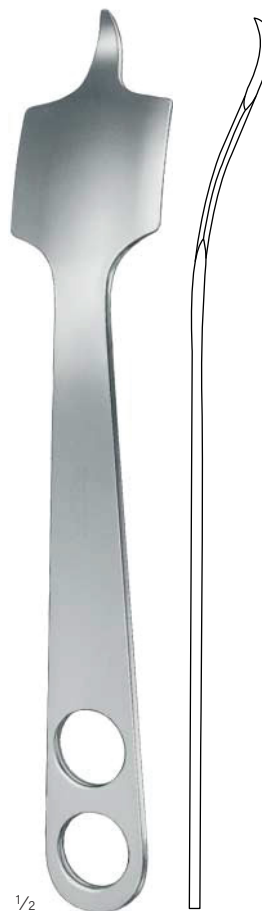


18 mm

Hohmann
SP12-273-18

23,5 cm / 9 2/8"

schmale Spitze
narrow tip
punta estrecha
pointe étroite
punta stretta



43 mm

Hohmann
SP12-274-43

23,5 cm / 9 2/8"

schmale Spitze
narrow tip
punta estrecha
pointe étroite
punta stretta



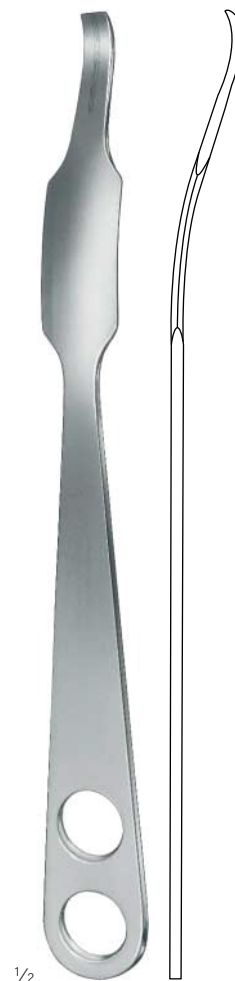
1/2

70 mm
Hohmann
SP12-275-70
25 cm / 9 7/8"
schmale Spitze
narrow tip
punta estrecha
pointe étroite
punta stretta



1/2

43 mm
Hohmann
SP12-276-43
23,5 cm / 9 2/8"
schmale Spitze
narrow tip
punta estrecha
pointe étroite
punta stretta



1/2

22 mm
Hohmann
SP12-277-22
25,5 cm / 10 "
breite Spitze
wide tip
punta ancha
pointe large
punta larga

Bone Levers

Knochenhebel
Elevadores para hueso
Leviers à os
Elevatori per ossa

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



1/2

35 mm

Hohmann
SP12-278-35

29 cm / 11 ³/₈"

breite Spitze
wide tip
punta ancha
pointe large
punta larga



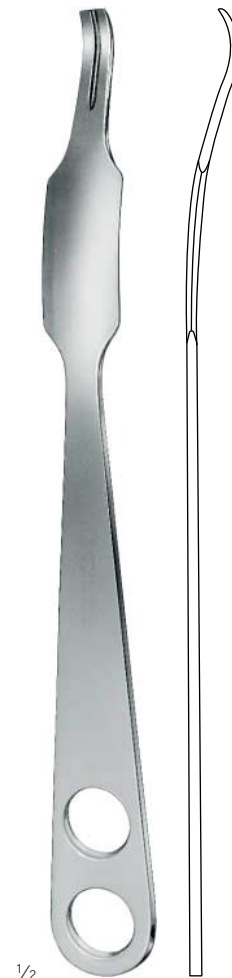
1/2

24 mm

Hohmann
SP12-279-24

27,5 cm / 10 ⁷/₈"

breites, rundes Ende
wide, round tip
punta ancha, redonda
pointe large, ronde
punta larga, rotonda



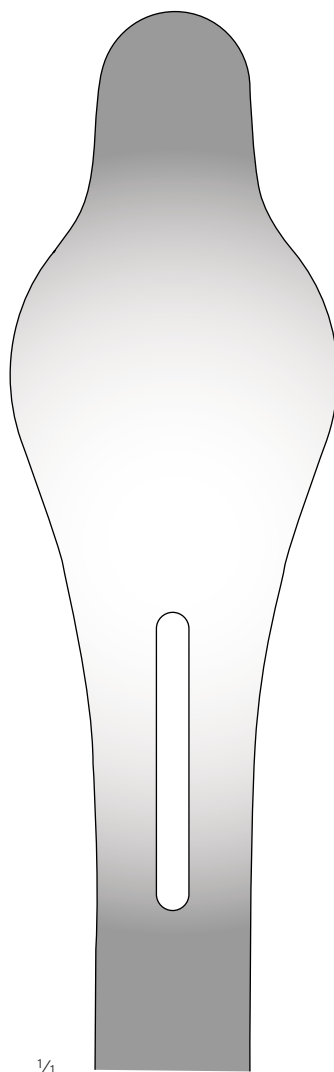
1/2

22 mm

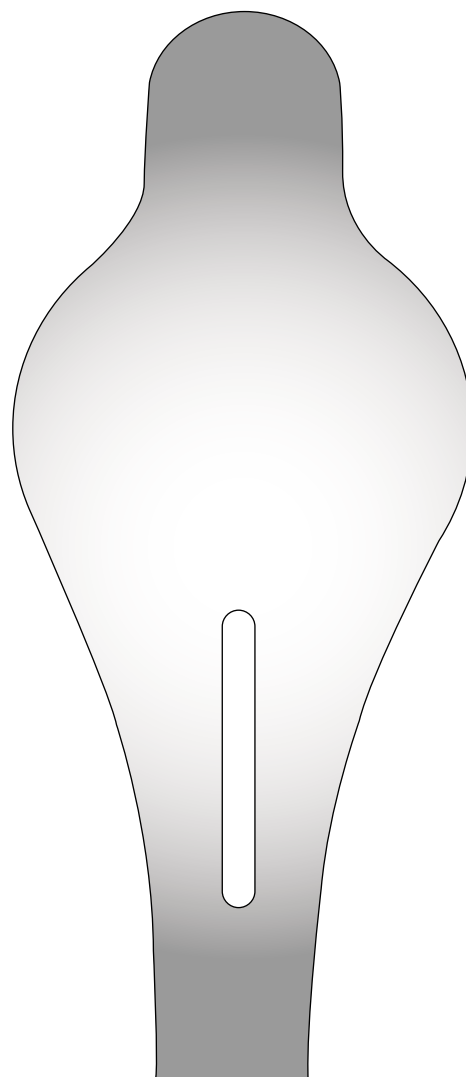
Lange-Hohmann
SP12-280-22

25 cm / 9 ⁷/₈"

breite Spitze mit Längsrille
wide tip with groove
punta ancha con ranura
pointe large avec rainure
punta larga con scanallatura



43 mm
SP12-281-24
24 cm / 9 4/8"



60 mm
SP12-281-23
23,5 cm / 9 2/8"

1/2

Bennett
SP12-281-24
SP12-281-23

Knee Retractors, Spinal Retractors

Kniehaken, Spinalhaken

Separadores para rodilla, Separadores espinales

Ecarteurs pour le genou, Ecarteurs spinaux

Divaricatori per il ginocchio, Divaricatori spinali

Bone Surgery

Knochenchirurgie

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea



1/3

39 mm

Blount

SP12-282-26

26,5 cm / 10 3/8"

stumpf

blunt

romo

mousse

smusso



1/3

47 mm

Blount

SP12-283-26

26,5 cm / 10 3/8"



1/3

Blount

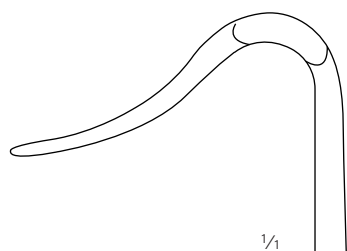
SP12-284-17

17,5 cm / 6 7/8"



6,2 mm

17 mm



1/4



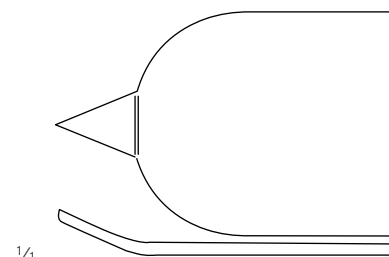
1/3

Taylor

SP12-285-16

SP12-286-16

16 cm / 6 2/8"

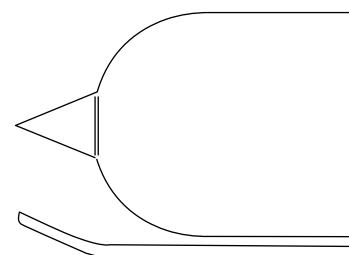


1/1

95 x 30 mm

SP12-285-16

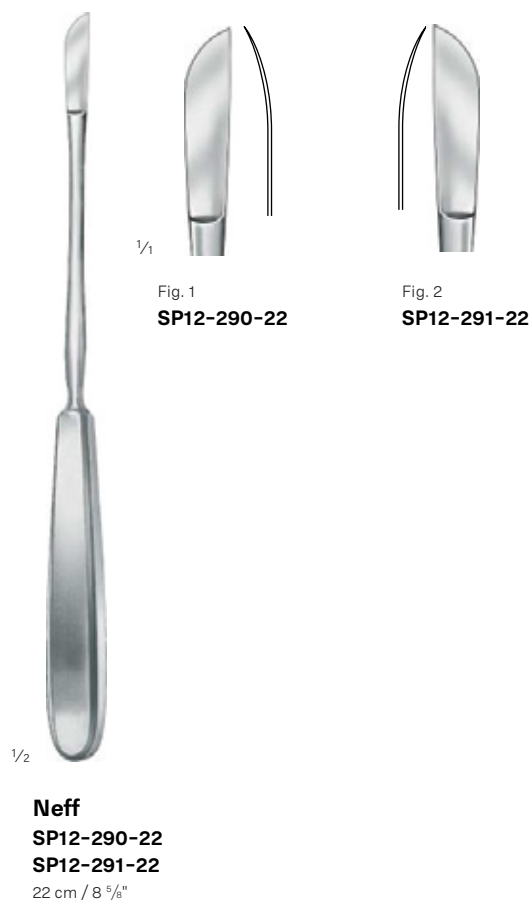
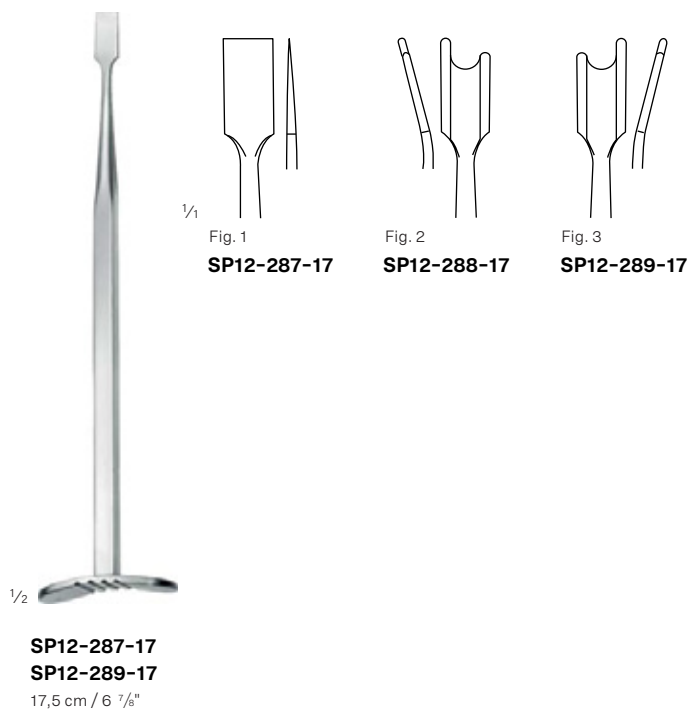
16 cm / 6 2/8"



115 x 30 mm

SP12-286-16

16 cm / 6 2/8"



Tendon Strippers

Sehnenstripper

Enucleadores de tendones

Instruments à écorcher les tendons

Scollatendini

Bone Surgery

Knochenchirurgie

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea



Fig. 1

SP12-294-01

15 cm / 5 7/8"

Ø 4,5 mm



Fig. 2

SP12-294-02

15 cm / 5 7/8"

Ø 5,5 mm



Fig. 3

SP12-294-03

15 cm / 5 7/8"

Ø 6,5 mm



Fig. 4

SP12-294-04

15 cm / 5 7/8"

Ø 7,5 mm



Fig. 5

SP12-294-05

15 cm / 5 7/8"

Ø 8,5 mm



1/2

Bunnell

SP12-294-01

SP12-294-05

15 cm / 5 7/8"



1/2

SP12-295-40

SP12-295-55

23 cm / 9"

flexibler Schaft
flexible shaft
vástago flexible
tige flexible
gambo flessibile



SP12-295-40

23 cm / 9"

Ø 4 mm



SP12-295-45

23 cm / 9"

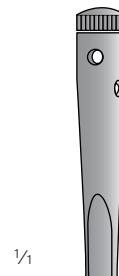
Ø 4,5 mm



SP12-295-55

23 cm / 9"

Ø 5,5 mm



1/1

SP12-296-01

Schraube

Screw

Tornillo

Vis

Vite



SP12-296-00



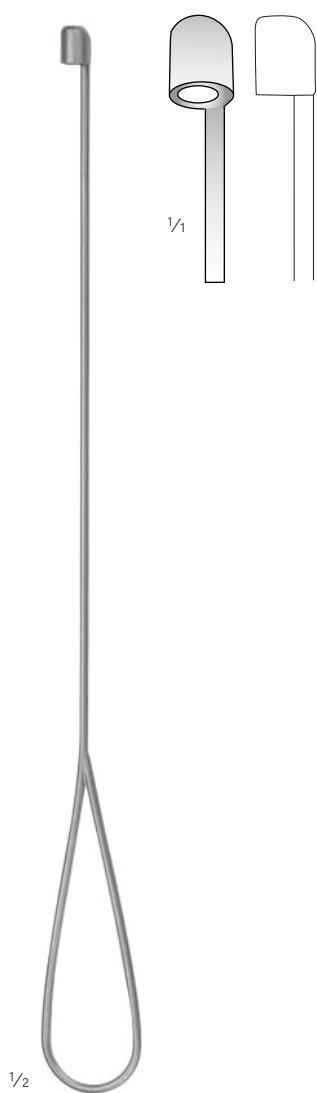
1/2

SP12-296-00

SP12-296-01

33,5 cm / 13 2/8"

Sehnedurchzuginstrument
Tendon Passing Instrument
Pasador de tendones
Instrument pour passer les tendons
Scollatendini



SP12-297-28
 28,5 cm / 11 2/8"



Bunnell
SP12-298-23
 23 cm / 9"
 Sehrendurchzugssonde
 Tendon Passer
 Sonda conductora de tendones
 Sonde conductrice pour tendons
 Sonda conduttrice per tendini

Tendon Holding Forceps, Tendon Tunnelling Forceps

Sehnenfasszangen, Sehrendurchzugzangen

Pinzas para coger tendones, Pinzas para pasar tendones

Pinces pour saisir les tendons, Pinces pour passer les tendons

Pinze per afferrare tendini, Pinze passa-tendini

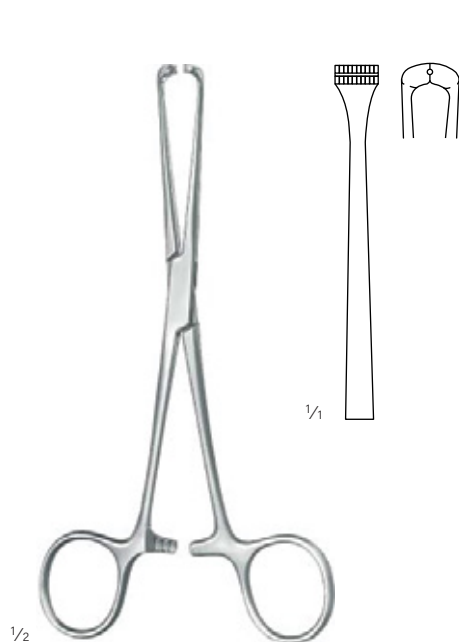
Bone Surgery

Knochenchirurgie

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea

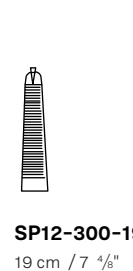


Steinmann
SP12-299-16
16 cm / 6 ²/₈"

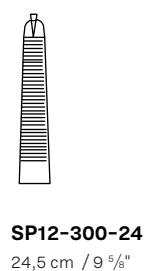


Brand
SP12-300-15
SP12-300-24

SP12-300-15
15 cm / 5 ⁷/₈"



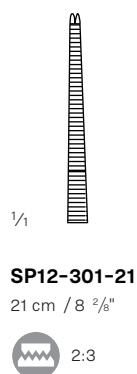
SP12-300-19
19 cm / 7 ⁴/₈"



SP12-300-24
24,5 cm / 9 ⁵/₈"



SP12-301-21
SP12-301-20



SP12-301-21
21 cm / 8 ²/₈"



SP12-301-20
20,5 cm / 8 ¹/₈"



Carroll
SP12-302-11
11,5 cm / 4 ⁴/₈"



SP12-303-11

11,5 cm / 4 1/8"



Kleinert-Kutz

SP12-304-21

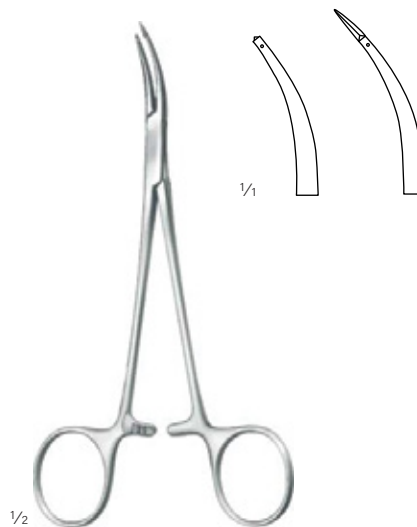
21 cm / 8 2/8"

Schaftlänge
shaft length
longitud del vástago
longueur de la tige
lunghezza dell'asta
140 mm



SP12-305-15

15 cm / 5 7/8"



SP12-306-15

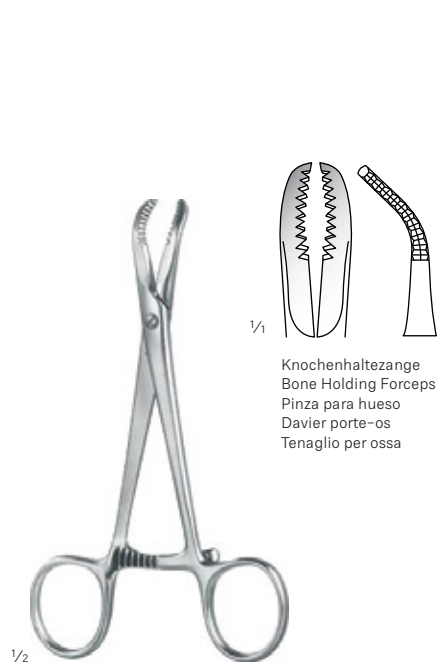
15 cm / 5 7/8"

Cartilage Seizing Forceps, Bone Holding Forceps

Knorpelfasszangen, Knochenhalte­zangen
Pinzas para cartilago, Pinzas para hueso
Pinces à cartilage, Daviers porte-os
Pinze per cartilagine, Tenaglie per ossa

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



SP12-307-14

14,5 cm / 5 ⁹/₁₆"

Knochenhalte­zange
Bone Holding Forceps
Pinza para hueso
Daviers porte-os
Tenaglio per ossa



Bircher-Ganske

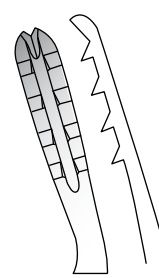
SP12-308-21

SP12-308-20

SP12-308-21

21 cm / 8 ²/₈"

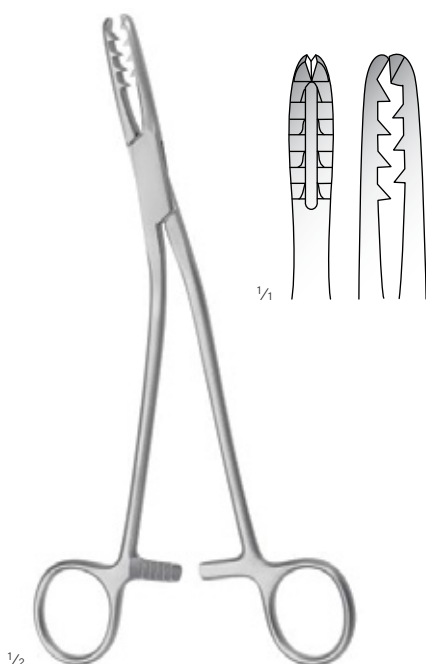
gerade
straight
recta
droite
diritta



SP12-308-20

20,5 cm / 8 ¹/₈"

aufgebogen
curved upwards
curva por arriba
courbée en haut
curva in alto

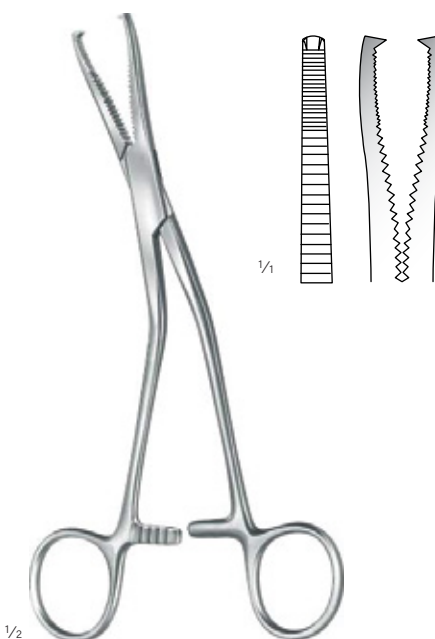


Bircher-Ganske

SP12-309-20

20 cm / 7 ⁷/₁₆"

seitwärts gebogen
curved sideways
curva lateralmente
courbée latéralement
curva lateralmente



Dingmann

SP12-310-18

18,5 cm / 7 ²/₈"



Martin
SP12-311-18
18,5 cm / 7 2/8"



SP12-312-13
13,5 cm / 5 3/8"
lange Sperre
long ratchet
cremallera larga
cremallière longue
cremagliera lunga



Lewin
SP12-313-18
18 cm / 7 1/8"



SP12-314-14
14 cm / 5 4/8"
grazil
delicate
delicada
gracile
sottile



SP12-315-09
9 cm / 3 4/8"
lange Sperre
long ratchet
cremallera larga
cremallière longue
cremagliera lunga



SP12-316-15
15 cm / 5 7/8"
lange Sperre
long ratchet
cremallera larga
cremallière longue
cremagliera lunga

Bone Holding Forceps

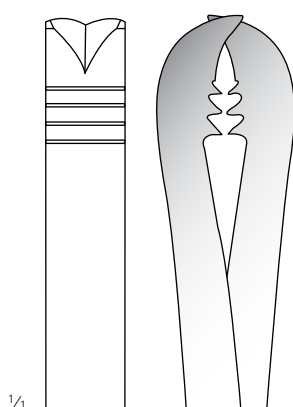
Knochenhaltezangen
Pinzas para hueso
Daviers porte-os
Tenaglie per ossa

Bone Surgery

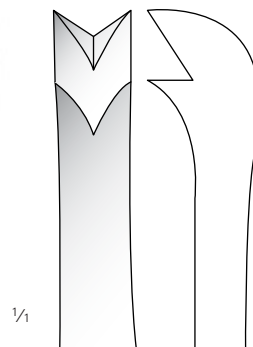
Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



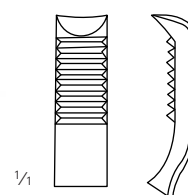
Langenbeck
SP12-317-21
21 cm / 8 ²/₈"

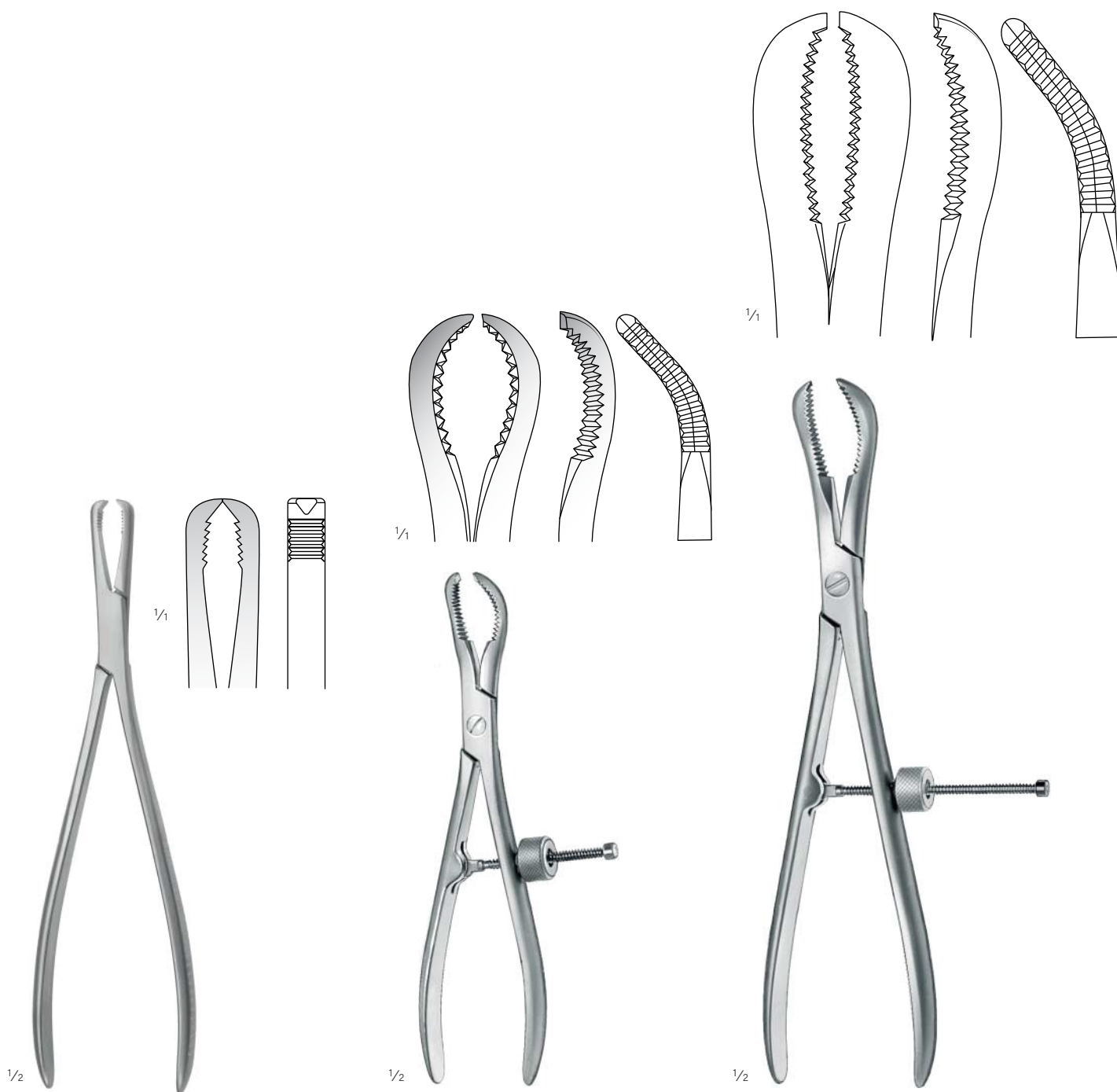


Fergusson
SP12-318-21
21 cm / 8 ²/₈"
kräftiges Modell
heavy pattern
modelo fuerte
modèle fort
modello forte



Frosch
SP12-319-18
18 cm / 7 ¹/₈"





SP12-320-20

20 cm / 7 7/8"

SP12-321-17

17,5 cm / 6 7/8"

mit Gewindesperre
with thread fixation
con cremallera de rosca
avec cremallière filetée
con cremagliera a filettatura

SP12-322-24

24 cm / 9 4/8"

mit Gewindesperre
with thread fixation
con cremallera de rosca
avec cremallière filetée
con cremagliera a filettatura

Bone Holding Forceps, Reposition Forceps

Knochenhalte­zangen, Repositionszangen
Pinzas para hueso, Pinzas para reposición
Daviers porte-os, Pincés à réduction
Tenaglie per ossa, Pinze per riposizioni

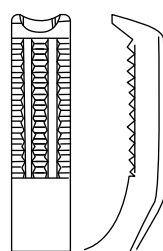
Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea

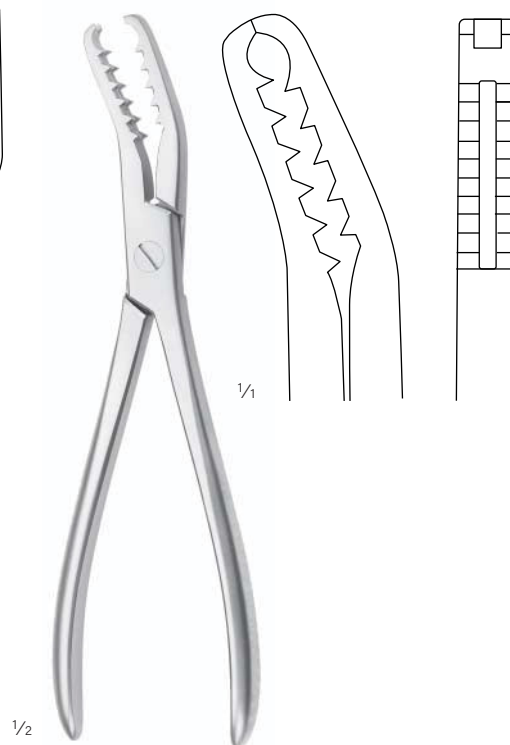


SP12-323-17
17 cm / 6 ⁵/₈"

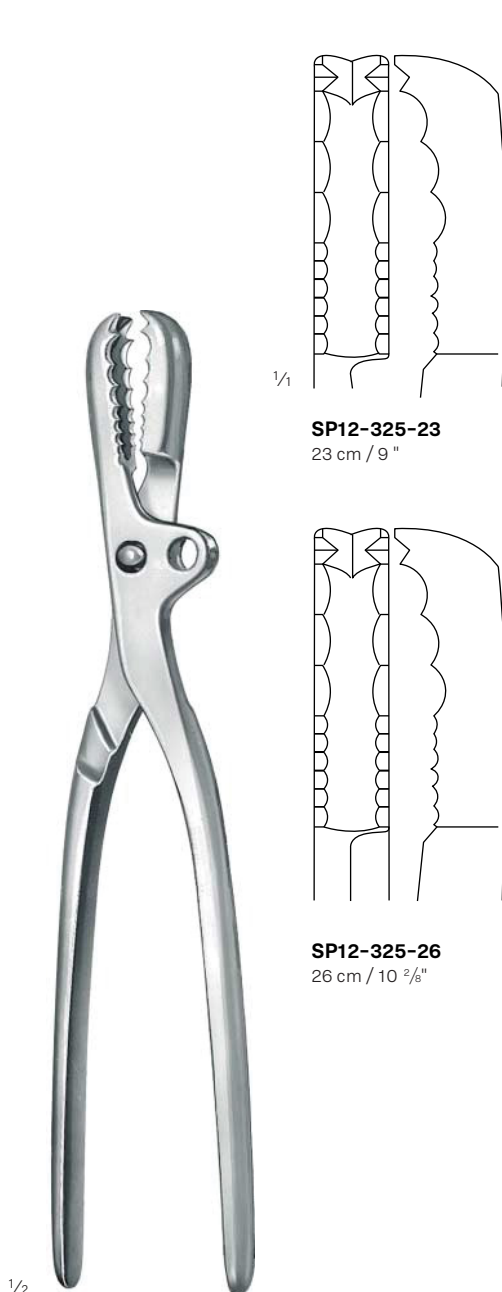
Kern
SP12-323-17
SP12-323-24



SP12-323-24
24,5 cm / 9 ⁵/₈"



Semb
SP12-324-19
19,5 cm / 7 ⁵/₈"
seitwärts gebogen
curved sideways
curva lateralmente
courbée latéralement
curva lateralmente



Farabeuf
SP12-325-23
SP12-325-26



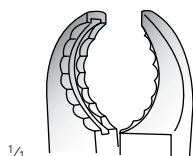
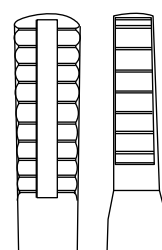
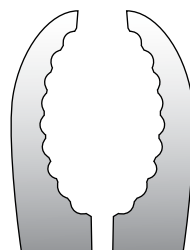
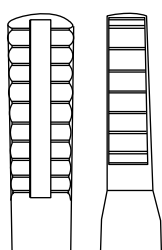
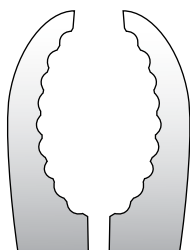
Farabeuf
SP12-326-26
26 cm / 10 2/5"

Bone Holding Forceps

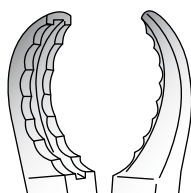
Knochenhaltezangen
Pinzas para hueso
Daviers porte-os
Tenaglie per ossa

Bone Surgery

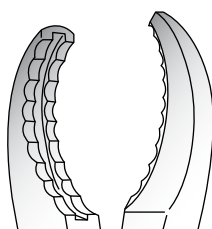
Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



SP12-327-23
23 cm / 9"



SP12-327-25
25 cm / 9 7/8"



SP12-327-28
28 cm / 11"

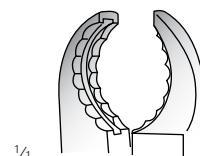
1/2

Ulrich

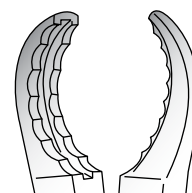
SP12-327-23

SP12-327-28

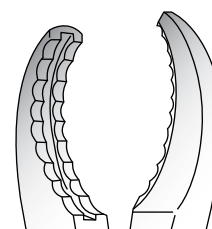
mit Gewindesperre
with thread fixation
con cremallera de rosca
avec cremallière filetée
con cremagliera a filettatura



SP12-328-23
23 cm / 9"



SP12-328-25
25 cm / 9 7/8"



SP12-328-28
27 cm / 10 5/8"

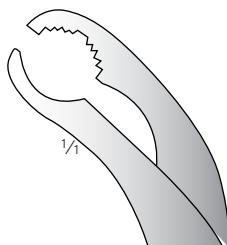
1/2

Ulrich

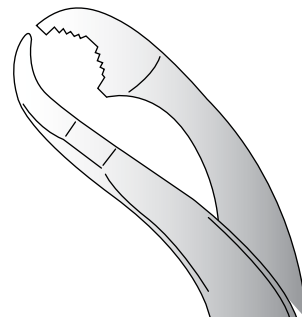
SP12-328-23

SP12-328-28

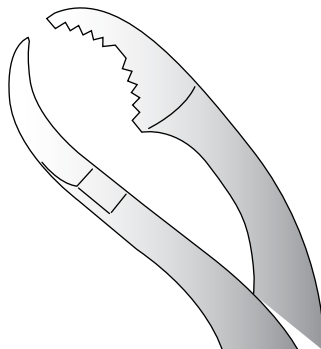
mit Gewindesperre
with thread fixation
con cremallera de rosca
avec cremallière filetée
con cremagliera a filettatura



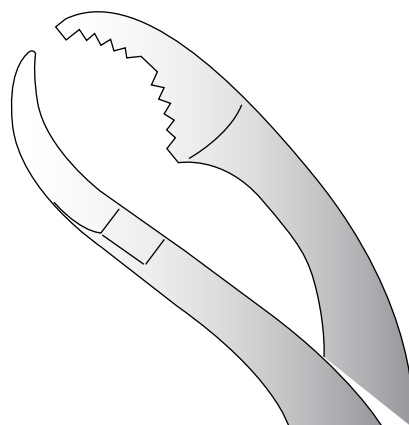
SP12-329-15
15 cm / 5 7/8"



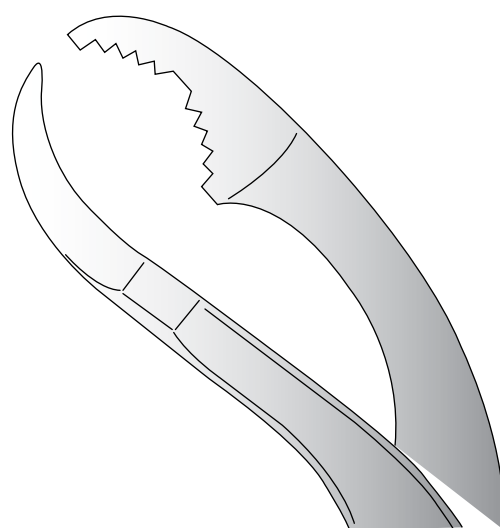
SP12-329-20
20 cm / 7 7/8"



SP12-329-24
24 cm / 9 1/2"



SP12-329-26
26 cm / 10 2/8"



SP12-329-28
28 cm / 11"



SP12-329-90

Rändelmutter
Knurled nut
Tuerca moleteada
Erou moleté
Madrevite zigrinata



SP12-329-15
SP12-329-28

SP12-329-15

SP12-329-90

selbstzentrierend, mit Gewindesperre
self-centering, with thread fixation
autocentrante, con cremallera de rosca
à centrage automatique, avec cremallière filetée
centraggio automatico, con cremagliera a filettatura

Bone Holding Forceps

Knochenhaltezangen
Pinzas para hueso
Daviers porte-os
Tenaglie per ossa

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



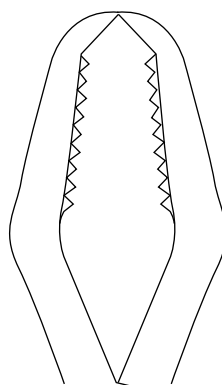
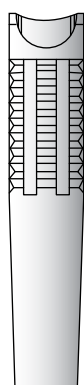
Lane

SP12-330-33

SP12-331-33

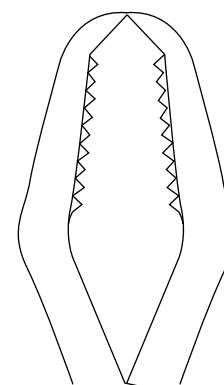
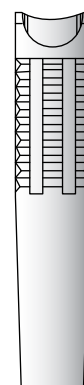
33 cm / 13 "

1/1



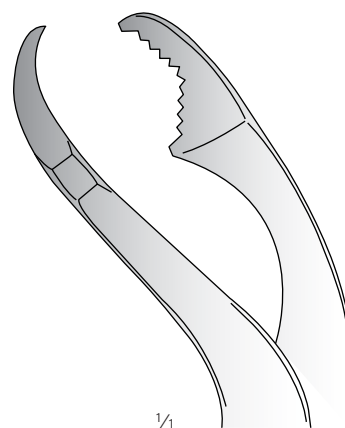
SP12-330-33

ohne Sperre
without ratchet
sin cremallera
sans cremallière
senza cremagliera



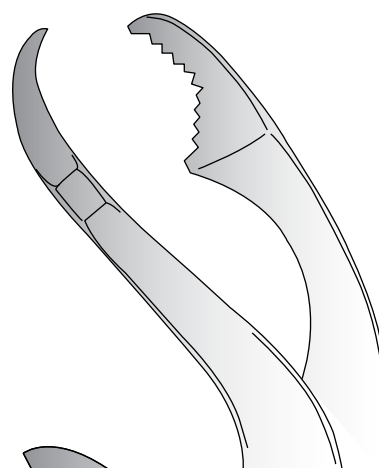
SP12-331-33

mit Sperre
with ratchet
con cremallera
avec cremallière
con cremagliera



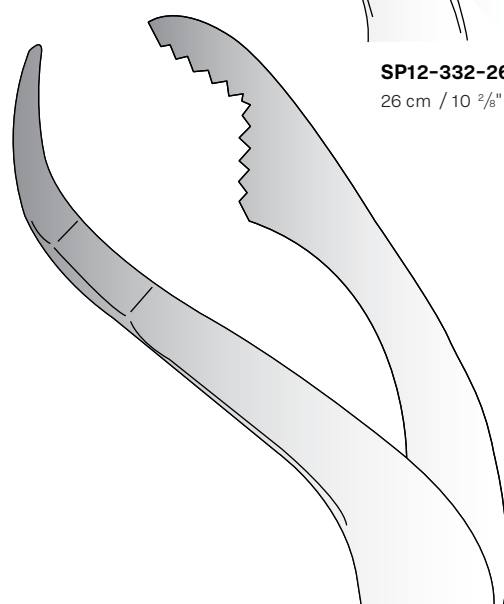
SP12-332-25

25 cm / 9 ⁷/₈"



SP12-332-26

26 cm / 10 ²/₈"



SP12-332-27

27,5 cm / 10 ⁷/₈"



Verbrugge

SP12-332-25

SP12-332-27

Bone Holding Forceps, Amputation Retractor

Knochenhaltezeugen, Amputationsschild
Pinzas para hueso, Retractor para amputación
Daviers porte-os, Retracteur pour amputation
Tenaglie per ossa, Retrattore per amputazione

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



Verbrugge
SP12-333-17
17,5 cm / 6 7/8"



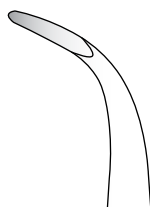
Percy
SP12-334-30
auseinandernehmbar
detachable
desmontable
démontable
smontabile



Stellbrink
SP12-335-16
SP12-335-17



SP12-335-17
17 cm / 6 ⁵/₈"



SP12-335-16
16,5 cm / 6 ⁴/₈"



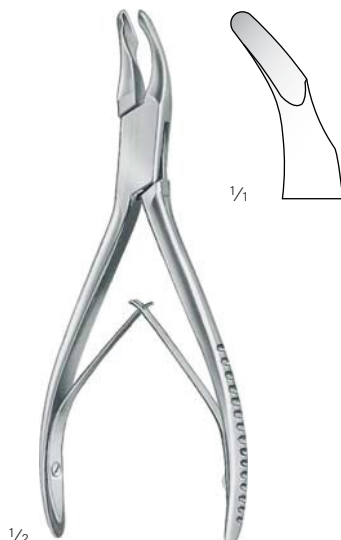
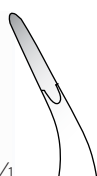
Friedmann
SP12-336-12
12,5 cm / 4 ⁷/₈"



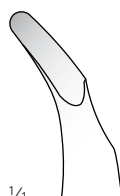
Friedmann
IM 12-337-13
13,5 cm / 5 ³/₈"



Friedmann
SP12-338-13
13,5 cm / 5 ³/₈"

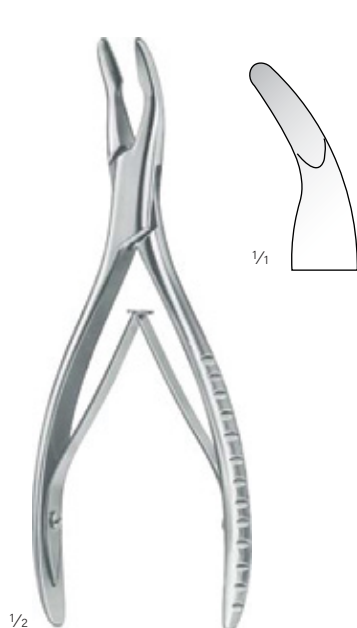


Cleveland
SP12-339-13
13,5 cm / 5 ³/₈"

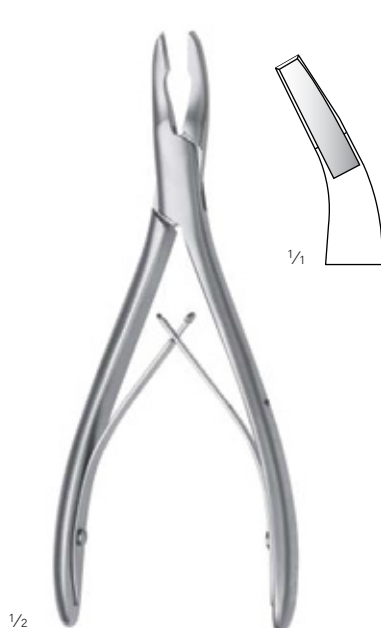


Cleveland
SP12-340-16
16,5 cm / 6 ⁴/₈"





Mead
SP12-341-16
16,5 cm / 6 ⁴/₈"



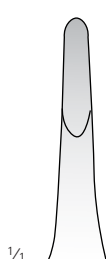
Mead
SP12-342-16
16,5 cm / 6 ⁴/₈"



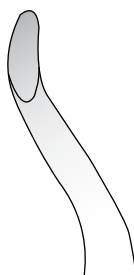
Hartmann
SP12-343-17
17,5 cm / 6 ⁷/₈"



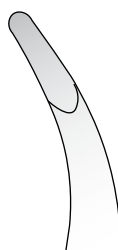
Jansen
SP12-344-18
SP12-346-18



SP12-344-18
18 cm / 7 ¹/₈"



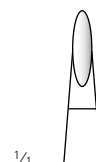
SP12-345-18
18,5 cm / 7 ²/₈"



SP12-346-18
18 cm / 7 ¹/₈"



Lempert
SP12-347-19
SP12-348-19
19 cm / 7 ⁴/₈"



SP12-347-19

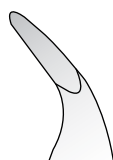


SP12-348-19



SP12-349-15
16 cm / 6 ²/₈"

Blumenthal
SP12-349-15
SP12-351-15



SP12-350-15
15,5 cm / 6 ¹/₈"



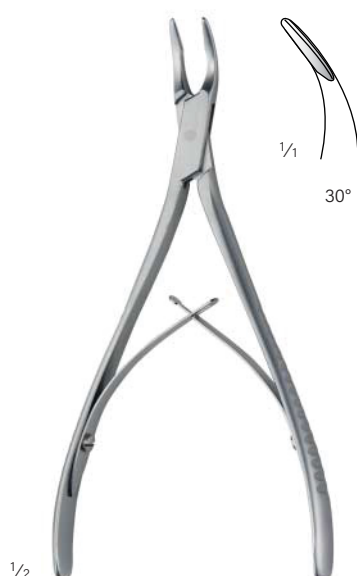
SP12-351-15
15 cm / 5 ⁷/₈"



SP12-352-15
15,5 cm / 6 ¹/₈"
S-Form
S-shape
forma S
courbé en S
curvo in forma S



SP12-353-15
15,5 cm / 6 ¹/₈"



SP12-354-15
15,5 cm / 6 ¹/₈"



SP12-355-14
14,5 cm / 5 ⁶/₈"

Bone Rongeurs

Hohlmeißelzangen

Pinzas gubias

Pinces-gouges

Pinze-sgorbie

Bone Surgery

Knochenchirurgie

Cirurgia ósea

Chirurgie osseuse

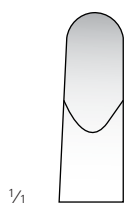
Chirurgia ossea



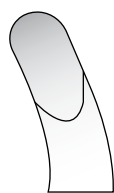
Luer

SP12-356-18

SP12-357-18



SP12-356-18
18,5 cm / 7 ²/₈"



SP12-357-18
18 cm / 7 ¹/₈"



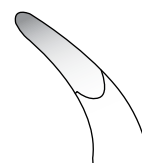
Luer

SP12-358-14

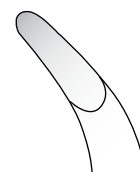
SP12-360-14



SP12-358-14
14,5 cm / 5 ⁶/₈"



SP12-359-14
14,5 cm / 5 ⁶/₈"



SP12-360-14
14,5 cm / 5 ⁶/₈"

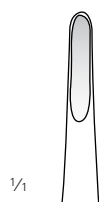


Böhler

SP12-361-15

SP12-362-15

15 cm / 5 ⁷/₈"



SP12-361-15



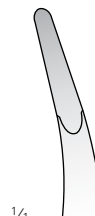
SP12-362-15



Beyer

SP12-363-18

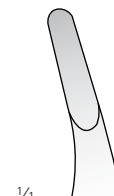
18 cm / 7 ¹/₈"



Zaufal-Jansen

SP12-364-18

18 cm / 7 ¹/₈"





Mayfield
SP12-365-18
18 cm / 7 1/8"



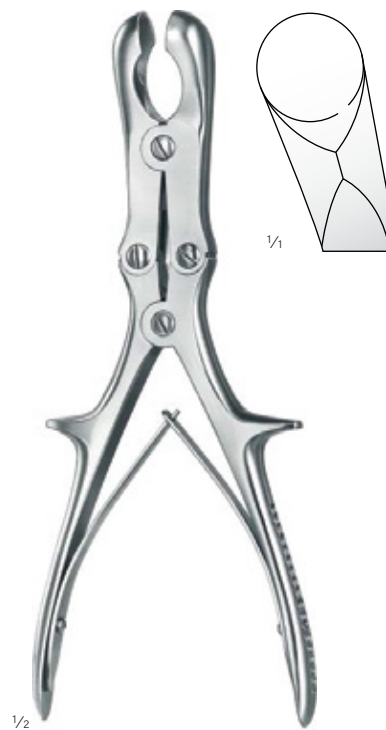
Marquard
SP12-366-20
20,5 cm / 8 1/8"



Ruskin
SP12-367-19
19 cm / 7 4/8"



Ruskin
SP12-368-24
24 cm / 9 4/8"



Semb
SP12-369-23
23,5 cm / 9 2/8"



Stille
SP12-370-22
22,5 cm / 8 7/8"

Bone Rongeurs

Hohlmeißelzangen

Pinzas gubias

Pinces-gouges

Pinze-sgorbie

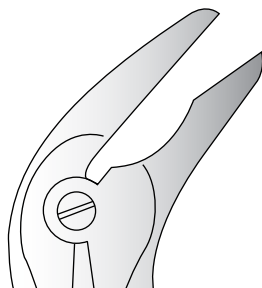
Bone Surgery

Knochenchirurgie

Cirurgia ósea

Chirurgie osseuse

Chirurgia ossea



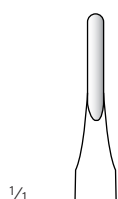
1/2

Echlin

SP12-371-02

IM 12-371-04

23 cm / 9 "



1/1

SP12-371-02



SP12-371-03



SP12-371-04

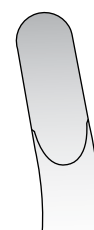


1/2

Stille-Ruskin

SP12-372-23

23,5 cm / 9 2/8 "



1/1



SP12-373-24

SP12-374-24

Leksell-Stille

SP12-373-24

SP12-374-24

24,5 cm / 9 5/8"



Frykholm

SP12-375-24

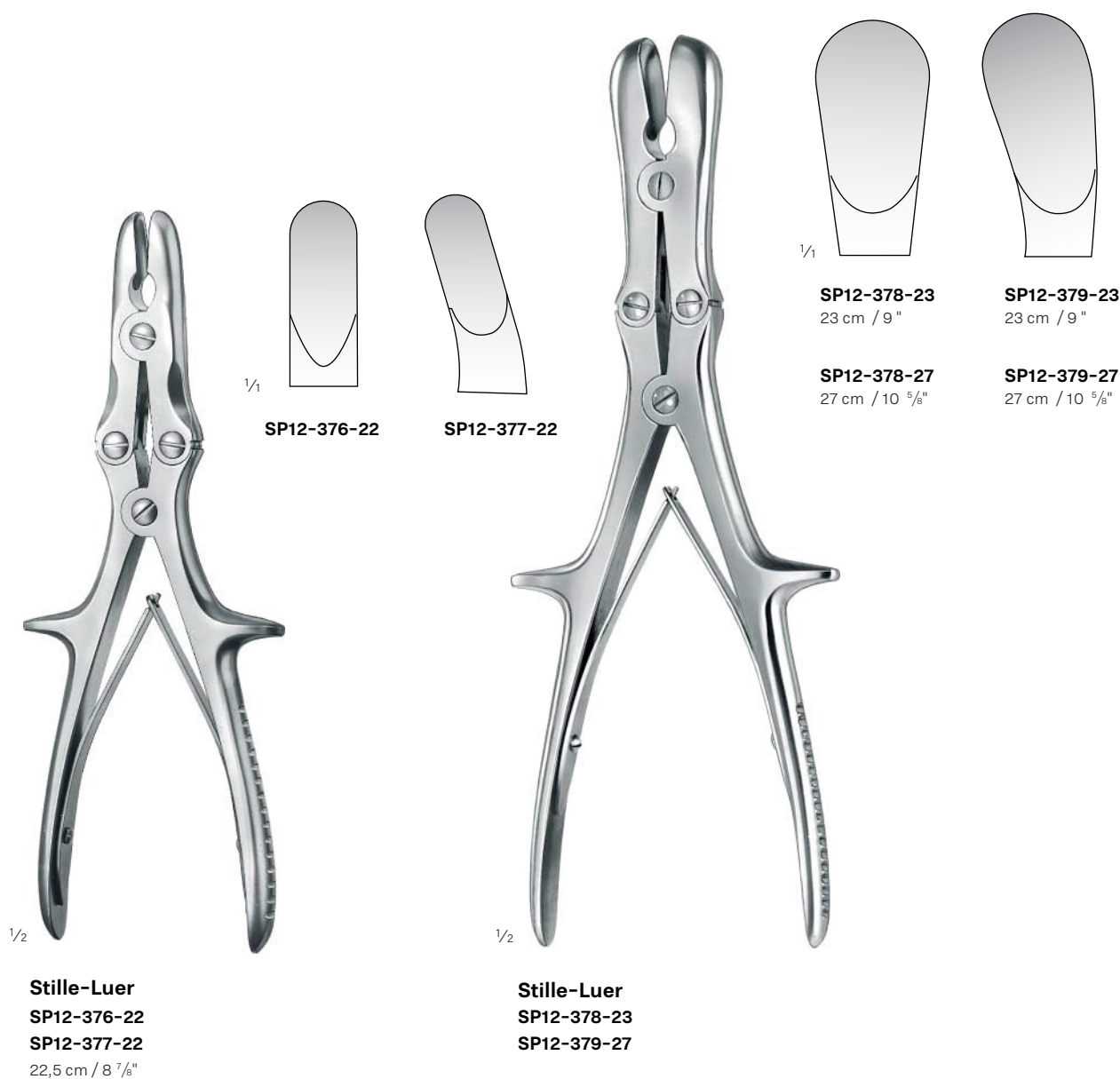
24,5 cm / 9 5/8"

Bone Rongeurs

Hohlmeißelzangen
Pinzas gubias
Pinces-gouges
Pinze-sgorbie

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea





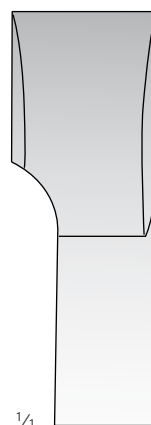
$\frac{1}{2}$

Sauerbruch

SP12-380-31

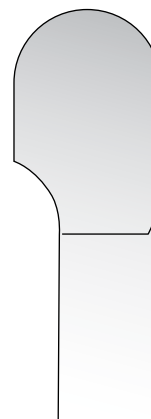
SP12-381-31

31 cm / 12 $\frac{2}{5}$ "

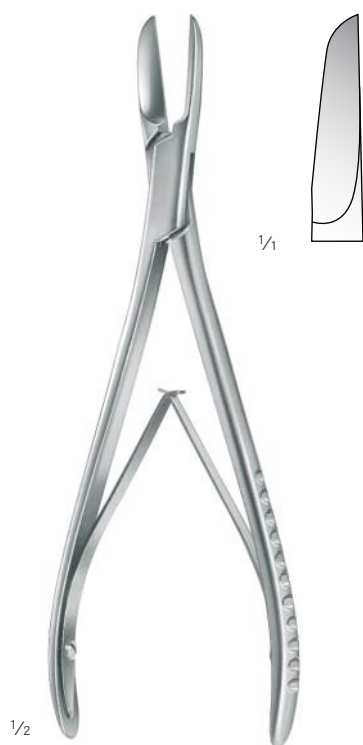


$\frac{1}{1}$

SP12-380-31



SP12-381-31



Cottle-Kazanjan
SP12-382-19
 19 cm / 7 ⁴/₈"



Liston
SP12-383-14
SP12-383-22



Liston
SP12-384-14
SP12-384-22



SP12-383-14
 14 cm / 5 ⁴/₈"



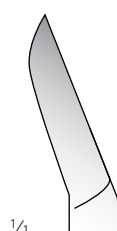
SP12-383-17
 17 cm / 6 ⁶/₈"



SP12-383-20
 20 cm / 7 ⁷/₈"



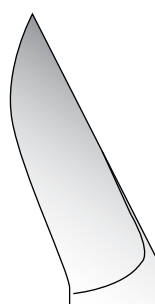
SP12-383-22
 22 cm / 8 ⁵/₈"



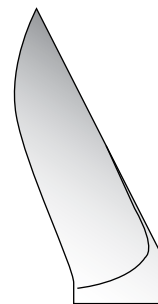
SP12-384-14
 14 cm / 5 ⁴/₈"



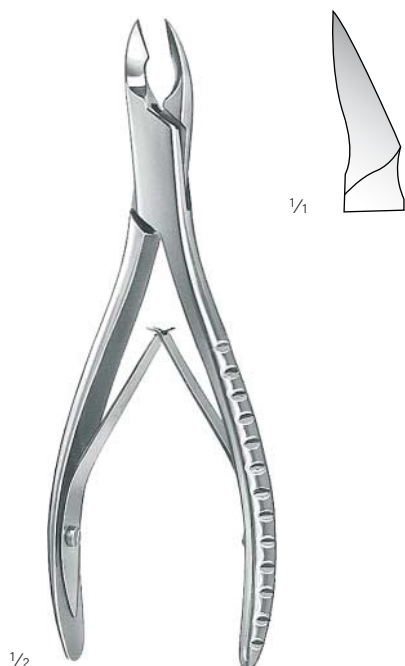
SP12-384-17
 17 cm / 6 ⁶/₈"



SP12-384-20
 20 cm / 7 ⁷/₈"



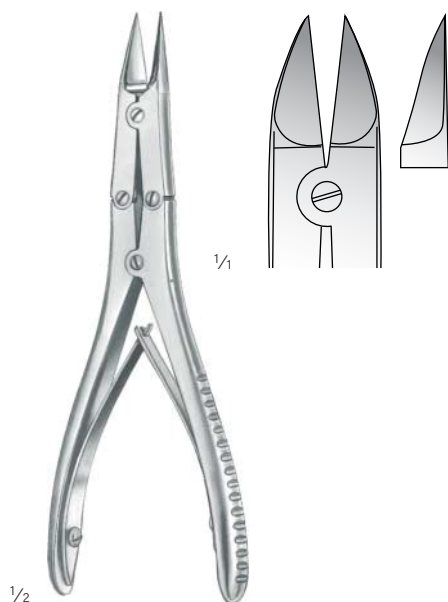
SP12-384-22
 22 cm / 8 ⁵/₈"



Cleveland
SP12-385-17
17 cm / 6 ⁵/₈"



Cleveland
SP12-386-14
14,5 cm / 5 ⁷/₈"



Böhler
SP12-387-14
14,5 cm / 5 ⁷/₈"



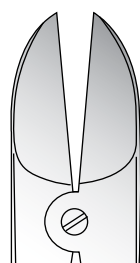
Böhler
SP12-388-14
14,5 cm / 5 ⁷/₈"



Cleveland
SP12-389-17
17 cm / 6 ⁵/₈"

Bone Cutting Forceps
 Knochensplitterzangen
 Pinzas cortantes para hueso
 Pincers coupantes à os
 Cesoie per ossa

Bone Surgery
 Knochenchirurgie
 Cirugía ósea
 Chirurgie osseuse
 Chirurgia ossea



Ruskin-Liston
 SP12-390-18
 SP12-390-19



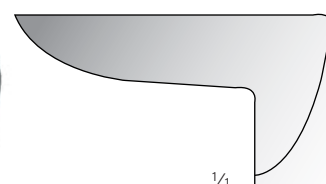
SP12-390-19
 19 cm / 7 5/8"



SP12-390-18
 18,5 cm / 7 2/8"



Stille-Liston
 SP12-391-26
 26 cm / 10 2/8"





Stille-Liston
SP12-392-28
28 cm / 11 "



SP12-393-23
23,5 cm / 10 2/8"

SP12-393-28
28 cm / 11 "

Stille-Liston
SP12-393-23
SP12-393-28

Bone Cutting Forceps

Knochensplitterzangen
Pinzas cortantes para hueso
Pinces coupantes à os
Cesoie per ossa

Bone Surgery

Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



$\frac{1}{2}$

Liston-Key
SP12-394-26

26 cm / 10 $\frac{2}{8}$ "



$\frac{1}{2}$

Semb
SP12-395-24

24,5 cm / 9 $\frac{5}{8}$ "