

033



Bone Surgery
Knochenchirurgie
Cirugia ósea
Chirurgie osseuse
Chirurgia ossea



Bone Levers
Knochenhebel
Elevadores para huesos
Leviers à os
Leve per ossa



033

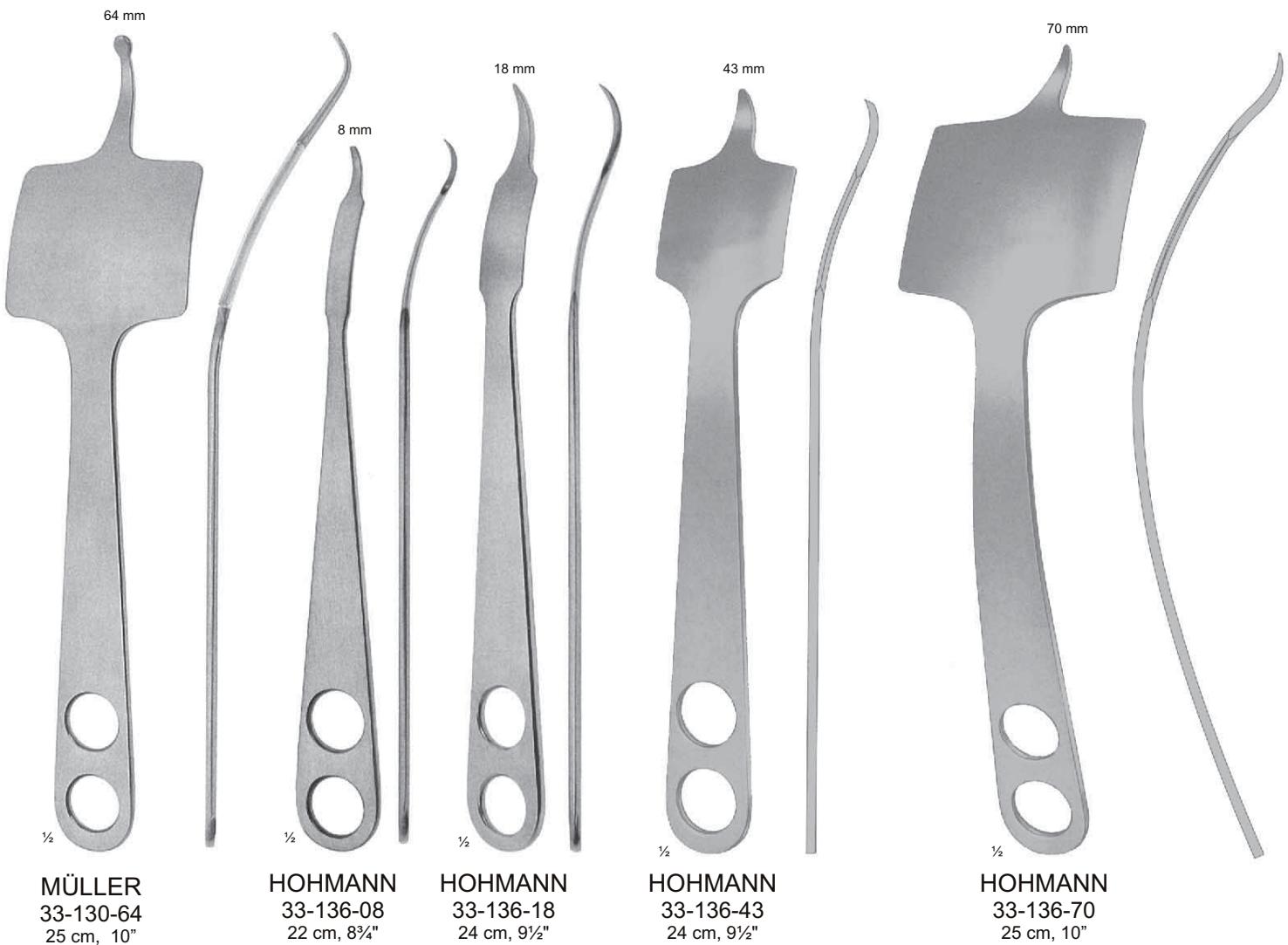




Bone Levers
Knochenhebel
Elevadores para huesos
Leviers à os
Leve per ossa



033



MÜLLER
33-130-64
25 cm, 10"

HOHMANN
33-136-08
22 cm, 8¾"

HOHMANN
33-136-18
24 cm, 9½"

HOHMANN
33-136-43
24 cm, 9½"

HOHMANN
33-136-70
25 cm, 10"



Bone Levers
Knochenhebel
Elevadores para huesos
Leviers à os
Leve per ossa

Hib levers
Hüfthebel
Elevadores para caderas
Eléveurs pour la hanche
Leve per sciatica



033



HOHmann
33-140-18
25 cm, 10"

HOHmann
33-140-22
26 cm, 10¼"

HOHmann
33-140-35
28,5 cm, 11¼"

HOHmann
33-146-24
27 cm, 10¾"

HOHmann-Aldinger
33-148-24
28,5 cm, 11¼"

Bone Lever
Knochenhebel
Elevador para hueso
Levier à os
Leve per ossa

Bone Lever
Knochenhebel
Elevador para hueso
Levier à os
Leve per ossa

**Hib levers**

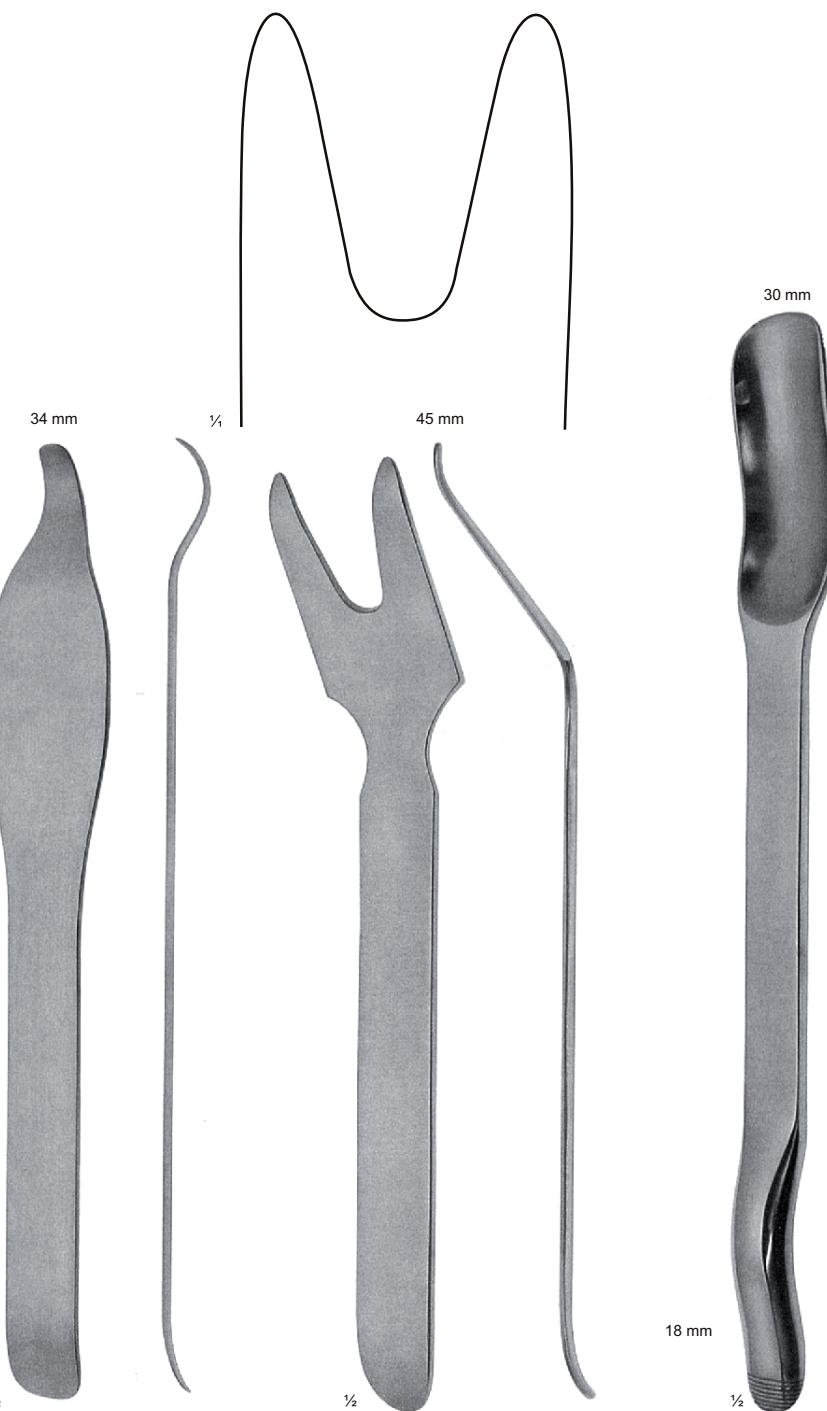
Hüfthebel
Elevadores para caderas
Elévateurs pour la hanche
Leve per sciatica

Bone Levers

Knochenhebel
Elevadores para huesos
Leviers à os
Leve per ossa



033



BLOUNT
33-150-34
26 cm, 10 1/4"

Hib lever
Hüfthebel
Elevador para cadera
Elévateur pour la hanche
Leve per sciatica

BLOUNT
33-160-45
26 cm, 10 1/4"

Hib lever
Hüfthebel
Elevador para cadera
Elévateur pour la hanche
Leva per sciatica

MURPHY-LANE
33-162-30
30 cm, 12"

Luxation lever
Luxationshebel
Elevadore para luxación
Leviers pour luxation
Leva per lussazione

BENNETT
33-164-45
33-164-60
24 cm, 9 1/2 "

Bone Levers
Knochenhebel
Elevadores para huesos
Leviers à os
Leve per ossa



Raspatories

Raspatorien

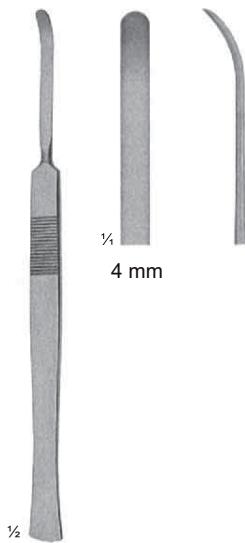
Periostomos

Rugines-raspatories

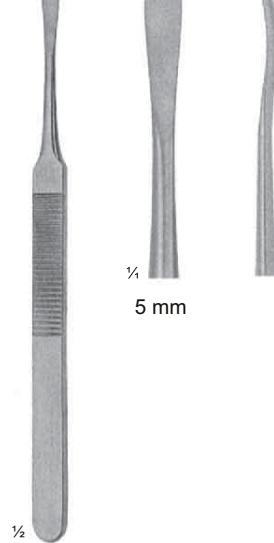
Periostomi



033



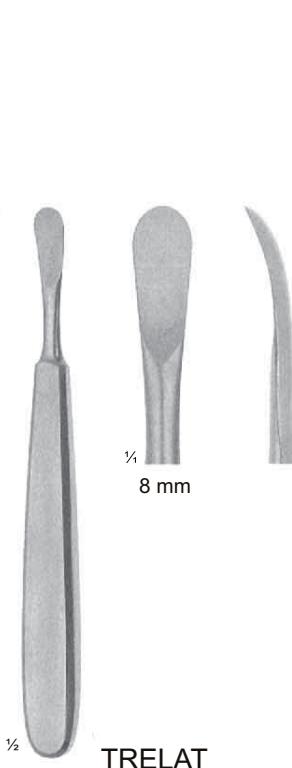
McKENTY
33-170-14
14,5 cm, 5¾"



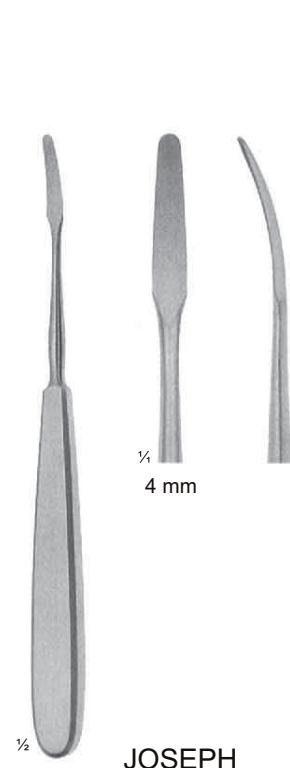
KONIG
33-174-15
15,5 cm, 6"



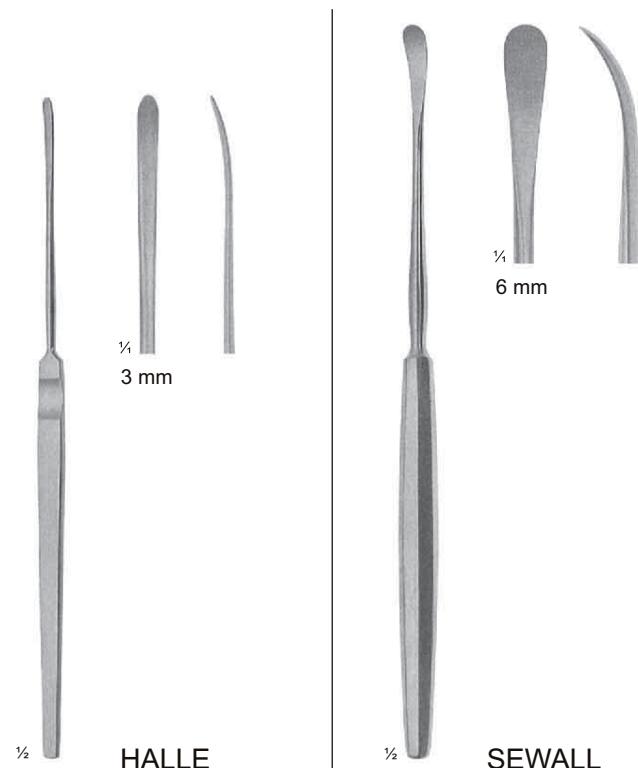
WILLIGER
33-178-13
33-178-16



TRELAT
33-182-15
15 cm, 6"



JOSEPH
33-186-17
17 cm, 6¾"



HALLE
33-188-16
16,5 cm, 6½"

SEWALL
33-190-20
20 cm, 8"



Raspatories

Raspatoriens
Periostotomos
Rugines-raspatoires
Periostotomi



033



4,5 mm

4,5 mm

1/4

FREER
33-200-04
33-200-06
18 cm, 7"



6,5 mm

6,5 mm

1/4

Blunt
Stumpf
Romo
Mousse
Smusso

Sharp
Scharf
Agudo
Pointu
Acuto



4,5 mm

1/4

FREER
33-204-01
33-204-02
19 cm, 7 1/2"



Blunt
Stumpf
Romo
Mousse
Smusso

Sharp
Scharf
Agudo
Pointu
Acuto



1/4

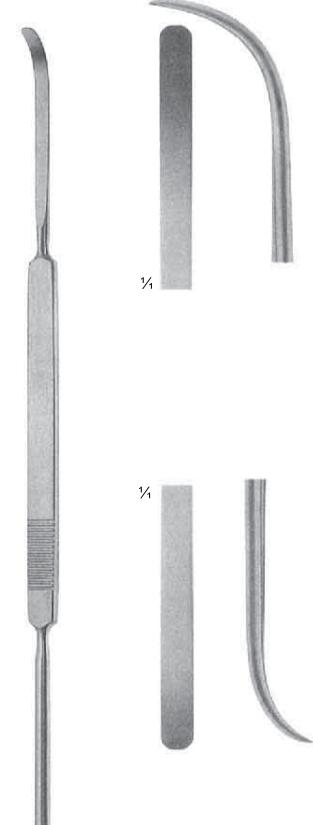
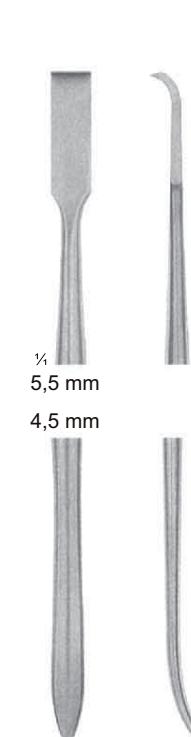
MILLIAN
33-208-18
18 cm, 7"



5,5 mm
4,5 mm

4,5 mm

HOWARD
33-210-21
21,5 cm, 8 1/2"



COTTE
33-216-23
23 cm, 9"



33-220-01
33-220-02



33-220-01
17 cm, 6 3/4"
6 mm



33-220-02
17 cm, 6 3/4"
8 mm



Raspatories

Raspatorien

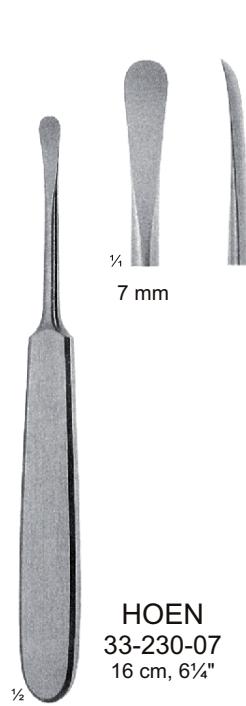
Periostotomos

Rugines-raspatoires

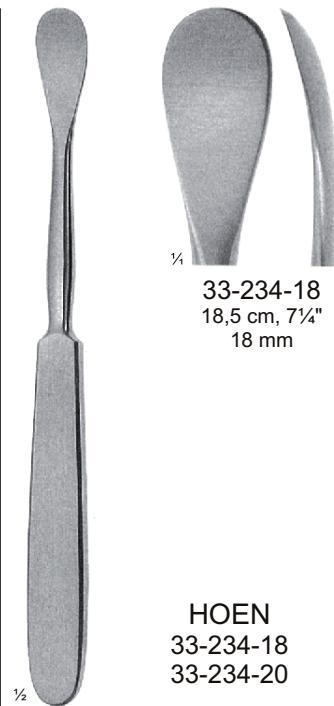
Periostotomi



033



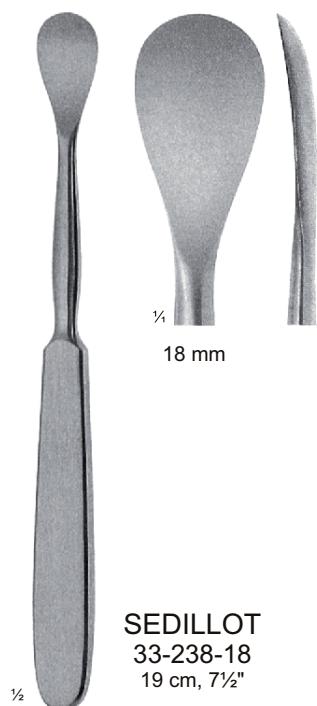
HOEN
33-230-07
16 cm, 6 1/4"



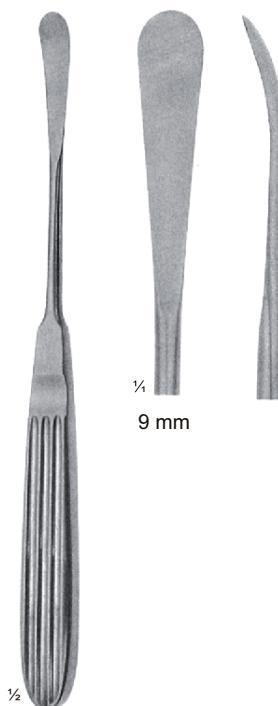
HOEN
33-234-18
18.5 cm, 7 1/4"
18 mm



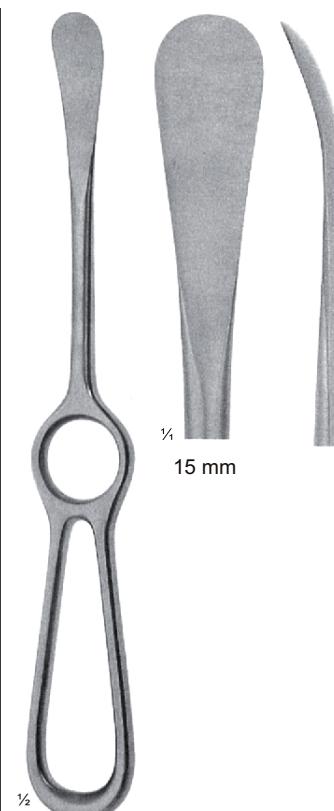
HOEN
33-234-20
20 cm, 7 3/4"
20 mm



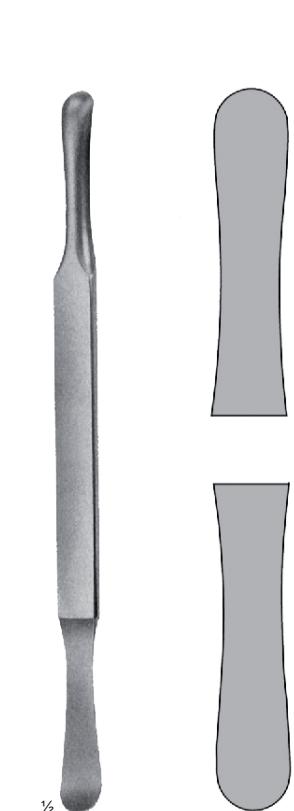
SEDILLOT
33-238-18
19 cm, 7 1/2"



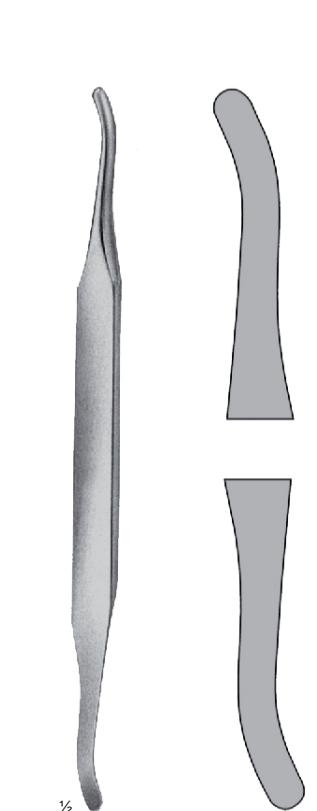
COTTLER
33-240-09
19 cm, 7 1/2"



SEDILLOT
33-244-15
21 cm, 8 1/4"



SELDIN
33-246-19
19.5 cm, 7 1/2"



SELDIN
33-248-19
19.5 cm, 7 1/2"



Raspatories

Raspatorien
Periostótomas
Rugines-raspatoires
Periostotomi



033



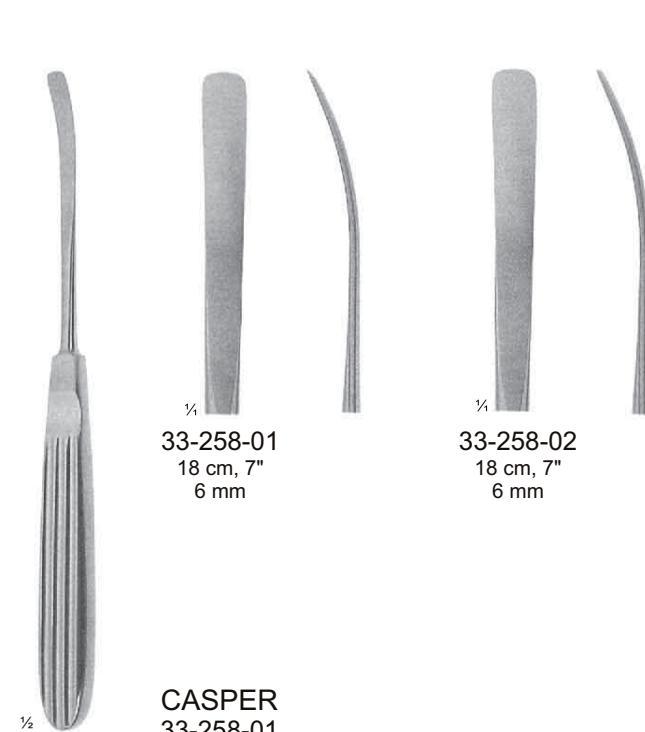
LEMPERT
33-250-01
33-250-04
17 cm, 6 3/4"



MUHLING
33-254-01
33-254-04
17 cm, 6 3/4"



ADSON
33-256-01
33-256-04
17 cm, 6 3/4"



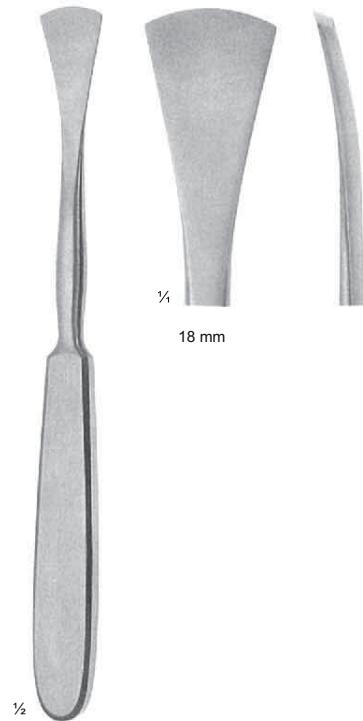
CASPER
33-258-01
33-258-02
18 cm, 7"



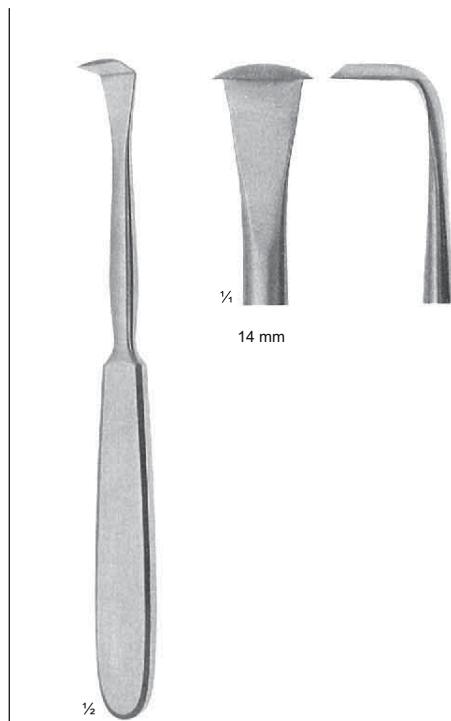
Raspatories
Raspatorien
Periostótomas
Rugines-raspatoires
Periostotomi



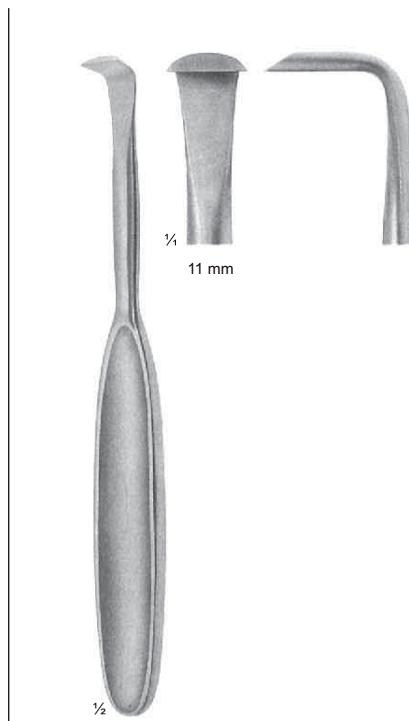
033



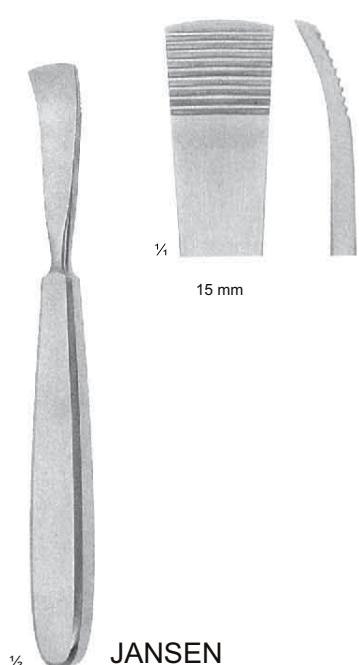
LANGENBECK
33-260-19
19 cm, 7½"



LANGENBECK
33-264-18
18 cm, 7"



LANGENBECK
33-268-18
18 cm, 7"



JANSEN
33-270-15
16,5 cm, 6½"



LANGENBECK
33-272-01
33-272-03



Raspatoires

Raspatorien

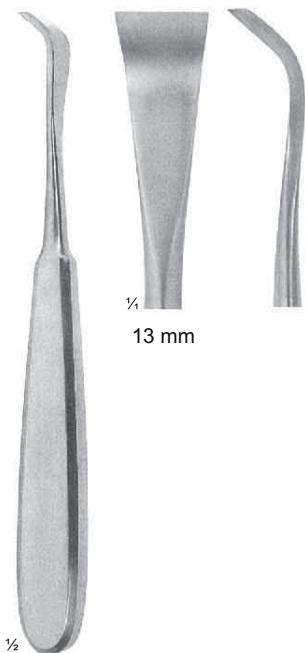
Periostotomos

Rugines-raspatoires

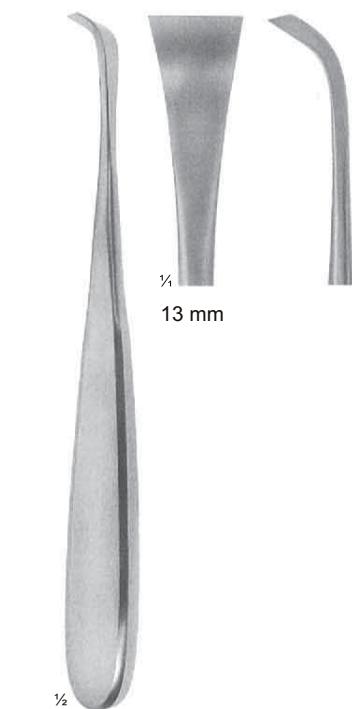
Periostotomi



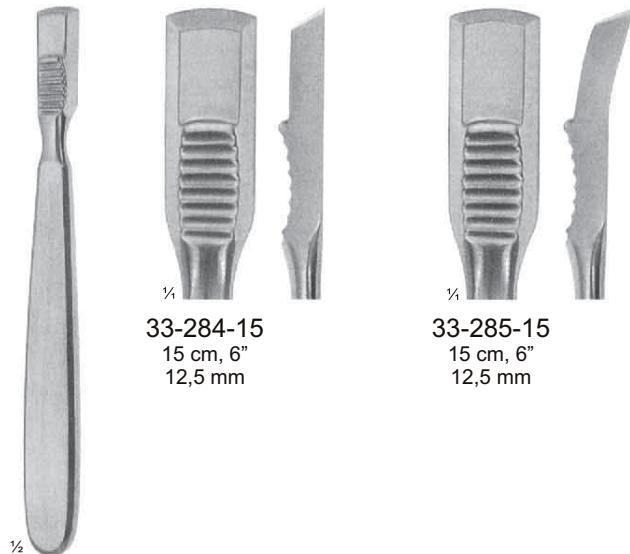
033



SCHNEIDER
33-280-17
17,5 cm, 7"

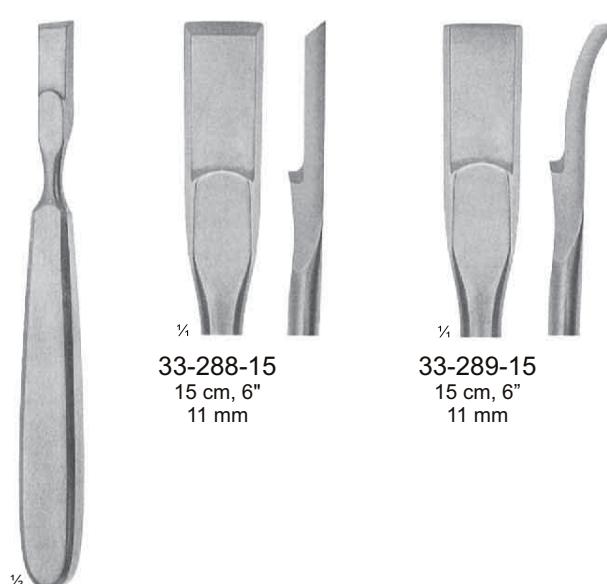


SAUERBRUCH
33-282-19
19 cm, 7 1/2"



FRABEUF
33-284-15
15 cm, 6"
12,5 mm

FRABEUF
33-285-15
15 cm, 6"
12,5 mm



FRAEBEUF
COLLIN
33-288-11
33-288-11



COBB
33-288-15
15 cm, 6"
11 mm

COBB
33-289-15
15 cm, 6"
11 mm



COBB
33-296-01
33-296-04
28,5 cm 11 1/4"



Raspatories with handle from artificial wood
Raspatoriens mit Ferrozellgriff
Periostómotos con mango de madera artificial
Rugines-raspatoires avec manche en " Ferrozell "
Periostotomi con manico in legno artificiale

AUTOCLAVE
143°C

033

1/4
33-300-03
17,5 cm, 7"
3 mm

1/4
33-300-06
17,5 cm, 7"
6,5 mm

1/4
33-300-09
19 cm, 7 1/2"
9,5 mm

1/4
33-300-12
19 cm, 7 1/2"
12,5 mm

1/4
33-300-16
20 cm, 8"
16,0 mm

1/4
33-300-19
20 cm, 8"
19,5 mm

1/4
33-300-24
21 cm, 8 1/4"
24,5 mm

KEY
33-300-03
33-300-24

1/4
33-304-18
18 cm, 7"
6 mm

1/4
33-306-18
18 cm, 7"
3 mm

1/4
33-304-18
33-306-18

1/4
33-308-01
18 cm, 7"
6 mm

1/4
33-308-02
18 cm, 7"
6 mm

1/4
33-308-01
33-308-02

1/4
33-310-13
20 cm, 8"
13 mm

1/4
33-316-12
20 cm, 8"
12 mm

1/4
33-317-13
20 cm, 8"
13 mm

1/4
33-310-13
33-310-20
20 cm 8"
20 mm

1/4
33-316-12
33-317-13

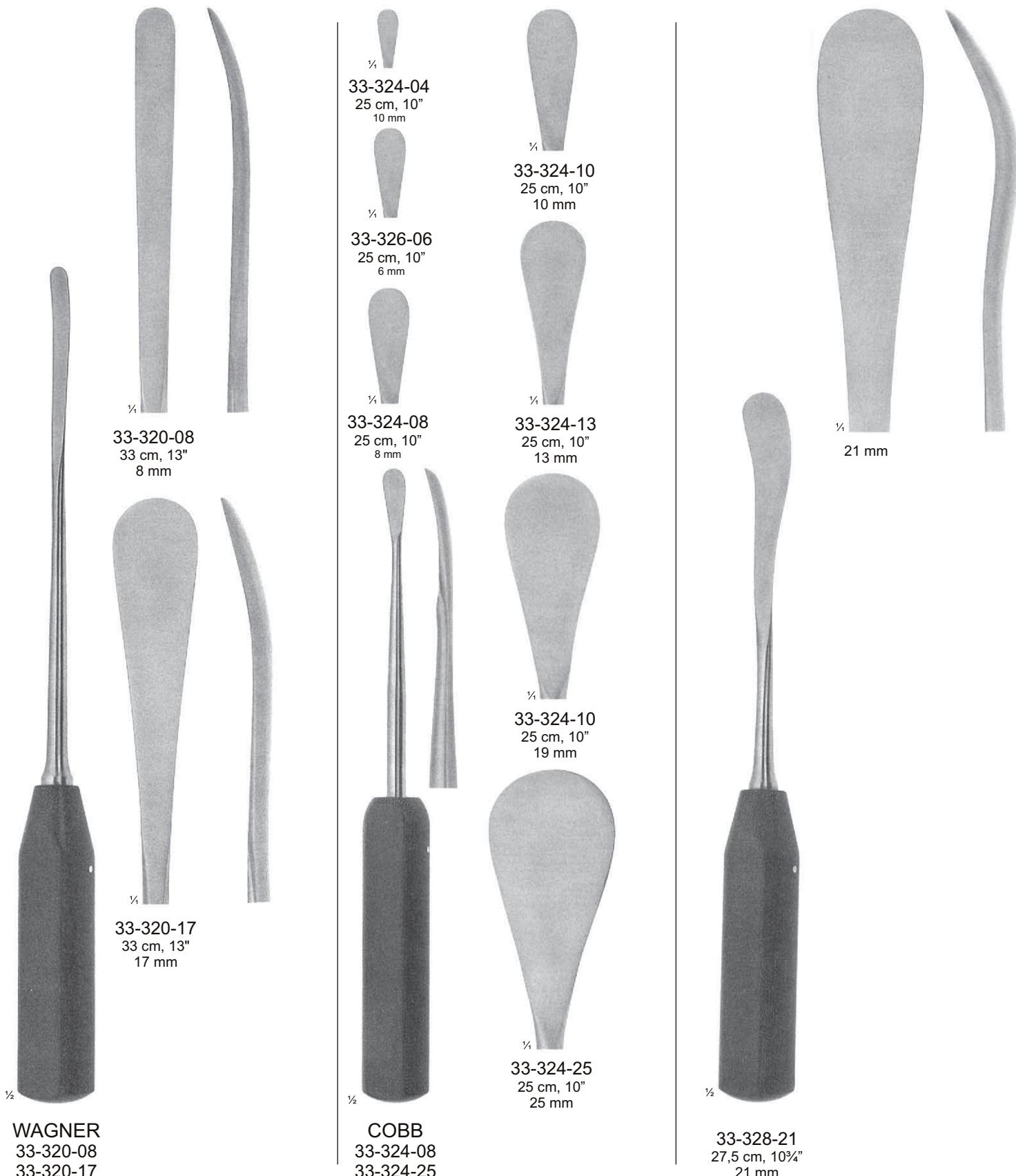


Raspatories with handle from artificial wood
Raspatorien mit Ferrozellgriff
Periostómtomas con mango de madera artificial
Rugines-raspatoires avec manche en "Ferrozell"
Periostotomi con manico in legno artificiale

AUTOCLAVE
143°C



033



WAGNER
33-320-08
33-320-17

COBB
33-324-08
33-324-25

33-328-21
27,5 cm, 10 $\frac{1}{2}$ "
21 mm



Bone Files
Knockenfeilen
Limas para huesos
Limes à os
Lime per ossa

Rasps
Raspeln
Escofinas
Râpes
Raspe



033



GALLAHER
33-330-16
16 cm, 6 1/4"

MILLER
33-334-01
33-334-03



33-334-01
18 cm, 7"



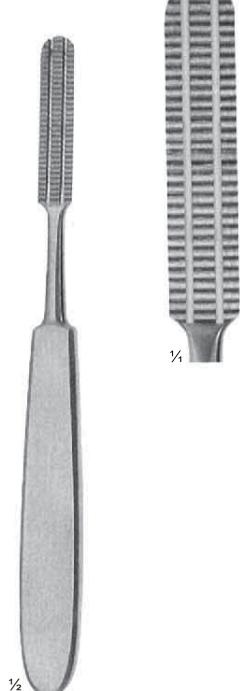
33-334-02
18 cm, 7"



33-334-03
18 cm, 7"



JOSEPH
33-338-16
16 cm, 6 1/4"



MALTZ
33-340-18
18 cm, 7"



LEWIS
33-342-01
33-342-02



33-342-01
18 cm, 7"
Fine
Fein
fina
denture fine
dentatura fina

33-342-02
18 cm, 7"
Coarse
Grob
Gruesa
Denture grosse
Dentatura grossa

**Bone Files**

Knochenfeilen
Limas para huesos
Limes à os
Lime per ossa

Rasps

Raspeln
Escofinas
Râpes
Raspe



033



33-350-01
21 cm, 8 1/4"

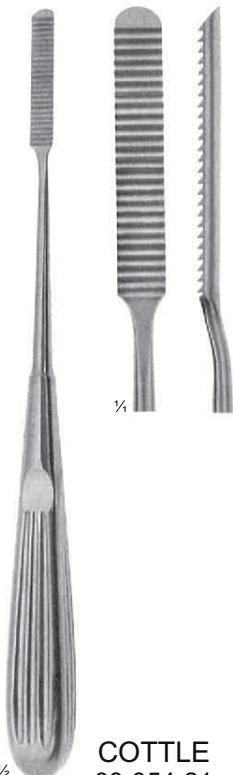
Up stroke
Auf Druck
A presión
à pousser
A pressione



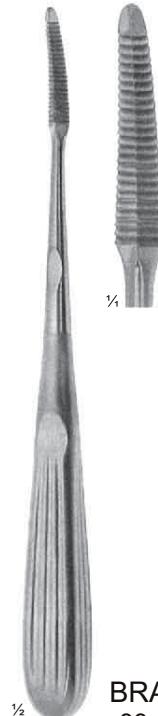
33-350-02
21 cm, 8 1/4"

Down stroke
Auf Zug
A tracción
à tirer
A trazione

AUFRICHT
33-350-01
33-350-02



COTTLÉ
33-354-21
21 cm, 8 1/4"



BRAWLEY
33-358-19
19,5 cm, 7 3/4"



33-360-01

Fine
Fein
Fina
Denture fine
Dentatura fina

33-360-02

Coarse
Grob
Gruesa
Denture grosse
Dentatura grossa



File cut / rasp cut
Feilenschnitt / Raspelhieb
Filo de lima / filo de escofina
Coupe lime / coupe râpe
Taglio di lima / taglio di raspa

FOMON
33-360-01
33-360-02
20 cm, 8"



Bone Files
Knockenfeilen
Limas para huesos
Limes à os
Lime per ossa

033



33-362-01
18 cm, 7"
ø 3,5 mm



33-362-02
18 cm, 7"
ø 3,5 mm



WIENER
33-362-01
33-362-02



PUTTI
33-264-30
30 cm, 12"



PUTTI
33-366-27
27 cm, 10½"





Rasps with tungsten carbide inserts

Raspeln mit Hartmetalleinlagen

Escofinas con bocas de carburo tungsteno

Râpes avec mors en tungstène

Raspe con inserti in carburo di tungsteno



033



57-100-01

12 Teeth
12 Zähne
12 Dientes
12 Dents
12 Denti



57-100-02

14 Teeth
14 Zähne
14 Dientes
14 Dents
14 Denti



57-100-03

16 Teeth
16 Zähne
16 Dientes
16 Dents
16 Denti



57-100-04

20 Teeth
20 Zähne
20 Dientes
20 Dents
20 Denti



57-100-05

24 Teeth
24 Zähne
24 Dientes
24 Dents
24 Denti



57-100-06

30 Teeth
30 Zähne
30 Dientes
30 Dents
30 Denti



57-100-07

36 Teeth
36 Zähne
36 Dientes
36 Dents
36 Denti



57-100-08

44 Teeth
44 Zähne
44 Dientes
44 Dents
44 Denti



57-100-09

52 Teeth
52 Zähne
52 Dientes
52 Dents
52 Denti



57-100-10

62 Teeth
62 Zähne
62 Dientes
62 Dents
62 Denti



COTTE
57-100-01
57-100-10
21 cm, 8 1/4"



MILLER
57-106-01
57-106-02
18,5 cm, 7 1/4"



Rasps with tungsten carbide inserts

Raspeln mit Hartmetalleinlagen

Escofinas con bocas de carburo tungsteno

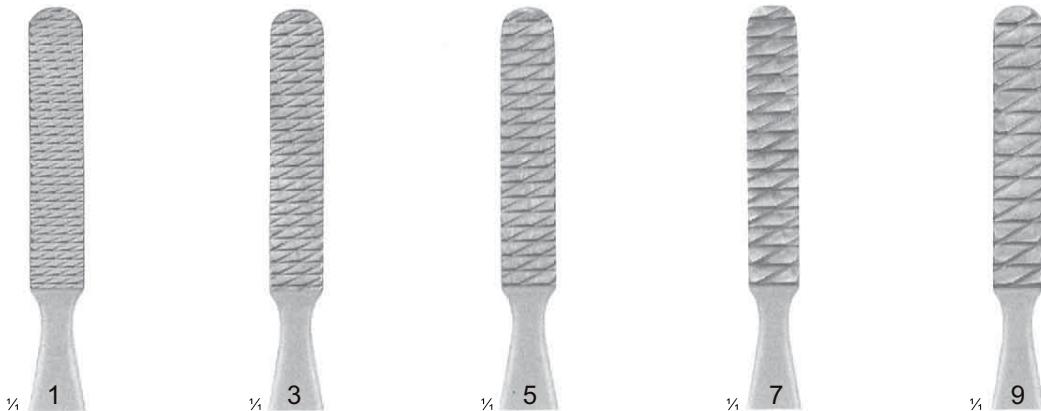
Râpes avec mors en tungstène

Raspe con inserti in carburo di tungsteno



ROCK CUT

033



57-110-01

12/14 Teeth
12/14 Zähne
12/14 Dientes
12/14 Dents
12/14 Denti

57-110-02

16/20 Teeth
16/20 Zähne
16/20 Dientes
16/20 Dents
16/20 Denti

57-110-03

24/30 Teeth
24/30 Zähne
24/30 Dientes
24/30 Dents
24/30 Denti

57-110-04

36/44 Teeth
36/44 Zähne
36/44 Dientes
36/44 Dents
36/44 Denti

57-110-05

52/62 Teeth
52/62 Zähne
52/62 Dientes
52/62 Dents
52/62 Denti



FOMON

57-110-01

57-110-05

20 cm, 8"

**Bone Curettes**

Scharfe Löffel

Cucharillas cortantes

Curettes

Curette per ossa



033



Fig, 00

Fig, 0

Fig, 1

33-400-01

33-400-02

33-400-03

Fig, 0

Fig, 0

Fig, 1

Fig, 1

Fig, 2

Fig, 2

WILLIGER

33-400-01

33-400-03

13,5 cm, 5 $\frac{1}{4}$ "

Fig, 00

Fig, 0

Fig, 1

33-404-01

33-404-02

33-404-03

Fig, 0

Fig, 0

Fig, 1

Fig, 1

Fig, 2

Fig, 2

WILLIGER

33-404-01

33-404-03

16 cm, 6 $\frac{1}{4}$ "

Fig, 00

Fig, 0

Fig, 1

33-406-01

33-406-02

33-406-03

Fig, 0

Fig, 0

Fig, 1

Fig, 1

Fig, 2

Fig, 2

MARTINI

33-406-01

33-406-03

13,5 cm, 5 $\frac{1}{4}$ "

Fig, 1

Fig, 2

Fig, 3

33-408-01

33-408-02

33-408-03

Fig, 1

Fig, 2

Fig, 3

Fig, 1

Fig, 2

Fig, 3

HEMINGWAY

33-408-01

33-408-03

16,5 cm, 6 $\frac{1}{2}$ "



Bone Curettes

Scharfe Löffel

Cucharillas cortantes

Curettes

Curette per ossa



033



33-450-01 33-450-02 33-450-03

Fig. 1 Fig. 2 Fig. 3

33-450-04 33-450-05 33-450-06

Fig. 4 Fig. 5 Fig. 6



33-451-01 33-451-02 33-451-03

Fig. 1 Fig. 2 Fig. 3

33-451-04 33-451-05 33-451-06

Fig. 4 Fig. 5 Fig. 6



33-453-01 33-453-02 33-453-03

Fig. 1 Fig. 2 Fig. 3

MOD-USA
33-450-01
33-453-06
16 cm, 6½"

33-453-04 33-453-05 33-453-06

Fig. 4 Fig. 5 Fig. 6



33-457-01
17 cm, 6¾"



33-459-02
17 cm, 6¾"



UFFENORDE
33-457-01
33-459-02



33-456-01 33-456-02 33-456-03

Fig. 0000 Fig. 000 Fig. 00

33-456-04 33-456-05 33-456-06

Fig. 0 Fig. 1 Fig. 2

33-456-07 33-456-08 33-456-09

Fig. 3 Fig. 4 Fig. 5

33-456-10

Fig. 6

SPRATT

33-456-01
33-456-10
16 cm, 6¼"

33-460-01 33-460-02 33-460-03 33-460-04

Fig. 0000 Fig. 000 Fig. 0 Fig. 1

33-460-05 33-460-06 33-460-07

Fig. 2 Fig. 3 Fig. 4

SCHEDE

33-460-01
33-460-07
17 cm, 6¾"

**Bone Curettes**

Scharfe Löffel
Cucharillas cortantes
Curettes
Curette per ossa

033



- 33-470-01 Fig, 00 33-470-02 Fig, 0 33-470-03 Fig, 1 33-470-04 Fig, 2
33-472-01 Fig, 00 33-472-02 Fig, 0 33-472-03 Fig, 1 33-472-04 Fig, 2

WILLIGER

33-470-01
33-472-04
17,5 cm, 7"



- 33-476-01 Fig, 0000 33-476-02 Fig, 000 33-476-03 Fig, 00
33-476-04 Fig, 0 33-476-05 Fig, 1 33-476-06 Fig, 2
33-476-07 Fig, 3 33-476-08 Fig, 4 33-476-09 Fig, 5

VOLKMANN

33-476-01
33-476-10
17 cm, 6 $\frac{3}{4}$ "



- 33-778-01 Fig, 0000 33-778-02 Fig, 000 33-778-03 Fig, 00
33-778-04 Fig, 0 33-778-05 Fig, 1 33-778-06 Fig, 2

BRUNS
33-778-01
33-778-10
17 cm, 6 $\frac{3}{4}$ "



- 33-479-01 Fig, 1 33-479-02 Fig, 2 33-479-03 Fig, 3

HALLE
33-479-01
33-479-03
21cm, 8 $\frac{1}{4}$ "

Malleable
Biegksam
Maleable
Malléables
Malleable

**Bone Curettes**

Scharfe Löffel

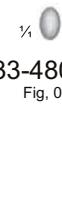
Cucharillas cortantes

Curettes

Curette per ossa



033

33-480-01
Fig. 00033-480-04
Fig. 133-480-02
Fig. 0033-480-05
Fig. 233-480-03
Fig. 033-480-06
Fig. 333-484-01
Fig. 00033-484-02
Fig. 0033-484-03
Fig. 033-484-04
Fig. 133-484-05
Fig. 233-484-06
Fig. 333-484-07
Fig. 433-484-08
Fig. 533-484-09
Fig. 6BRUNS
33-480-01
33-481-09
25 cm, 9 1/4"BRUNS
33-484-01
33-484-09
23 cm, 9"



Bone Curettes

Scharfe Löffel

Cucharillas cortantes

Curettes

Curette per ossa



033



$\frac{1}{4}$
Fig. 000
33-486-01
33-485-01

$\frac{1}{4}$
Fig. 00
33-485-02
33-486-02

$\frac{1}{4}$
Fig. 0
33-485-03
33-486-03

$\frac{1}{4}$
Fig. 1
33-485-04
33-486-04

$\frac{1}{4}$
Fig. 000
33-487-01
33-488-01

$\frac{1}{4}$
Fig. 00
33-487-02
33-488-02

$\frac{1}{4}$
Fig. 0
33-487-03
33-488-03

$\frac{1}{4}$
Fig. 1
33-487-04
33-488-04

$\frac{1}{4}$
Fig. 000
33-489-01
33-490-01

$\frac{1}{4}$
Fig. 00
33-489-02
33-490-02

$\frac{1}{4}$
Fig. 0
33-489-03
33-490-03

$\frac{1}{4}$
Fig. 1
33-489-04
33-490-04

sharp, rigid
scharf, fest
cortantes, rígidas
tranchantes, rígidas
acute, rigide
 $\frac{1}{2}$
33-485-01
33-489-04
25 cm, 10"

$\frac{1}{4}$
Fig. 0000
33-494-01
2,8 mm

$\frac{1}{4}$
Fig. 000
33-494-02
2,8 mm

$\frac{1}{4}$
Fig. 00
33-494-03
3,6 mm

$\frac{1}{4}$
Fig. 0
33-494-04
4,4 mm

$\frac{1}{4}$
Fig. 1
33-494-05
5,2 mm

DAUBENSPECK
33-494-01
33-494-05
20 cm, 8"

Bone Surgery, Knochenchirurgie, Cirugía ósea, Chirurgie osseuse, CHirurgia ossea



$\frac{1}{4}$
Fig. 0000
33-492-01

$\frac{1}{4}$
Fig. 0000
33-492-02

$\frac{1}{4}$
Fig. 000
33-492-03

$\frac{1}{4}$
Fig. 00
33-492-04

$\frac{1}{4}$
Fig. 0
33-492-05

$\frac{1}{4}$
Fig. 1
33-492-06

LEMPERT
33-492-01
33-492-06
17,5 cm, 7"



$\frac{1}{4}$
Fig. 1
33-498-01

$\frac{1}{4}$
Fig. 2
33-498-02

$\frac{1}{4}$
Fig. 3
33-498-03

$\frac{1}{4}$
Fig. 4
33-498-04

$\frac{1}{4}$
Fig. 5
33-498-05

$\frac{1}{4}$
Fig. 6
33-498-06

SIMON
33-498-01
33-498-06
24 cm, 9½"

**Bone Curettes**

Scharfe Löffel
Cucharillas cortantes
Curettes
Curette per ossa

Tampons

Stößel
Pisón
Chasse-Greffons
Punzoni



033

$\frac{1}{4}$
33-500-01
Fig,0000

$\frac{1}{4}$
33-500-02
Fig,000

$\frac{1}{4}$
33-500-03
Fig,00

$\frac{1}{4}$
33-500-04
Fig,0

$\frac{1}{4}$
33-500-05
Fig,1

$\frac{1}{4}$
33-500-06
Fig,2

$\frac{1}{4}$
33-500-07
Fig,3

$\frac{1}{4}$
33-500-08
Fig,4

$\frac{1}{4}$
33-500-09
Fig,5

$\frac{1}{4}$
33-500-10
Fig,6



VOLKMANN
33-500-01
33-500-10
17 cm, 6 $\frac{3}{4}$ "

Bone Curettes with handle from artificial wood
Scharfe Löffel mit Ferrozellgriff
Cucharillas cortantes con mango de madera artificial
Curettes avec manche en "Ferrozell"
Curette taglienti con manico in legno artificiale

$\frac{1}{4}$
33-504-01
Fig,0000

$\frac{1}{4}$
33-504-02
Fig,000

$\frac{1}{4}$
33-504-03
Fig,00

$\frac{1}{4}$
33-504-04
Fig,0

$\frac{1}{4}$
33-504-05
Fig,1

$\frac{1}{4}$
33-504-06
Fig,2

$\frac{1}{4}$
33-504-07
Fig,3

$\frac{1}{4}$
33-504-08
Fig,4

$\frac{1}{4}$
33-504-09
Fig,5

$\frac{1}{4}$
33-504-10
Fig,6

VOLKMANN
33-504-01
33-504-10
27 cm, 10 $\frac{1}{4}$ "

Bone Curettes with handle from artificial wood
Scharfe Löffel mit Ferrozellgriff
Cucharillas cortantes con mango de madera artificial
Curettes avec manche en "Ferrozell"
Curette taglienti con manico in legno artificiale

Can be autoclaved at 3 bar overpressure (143°C)!
Sterilisierbar im Autoklav bei 3 bar Überdruck (143°C)!
Esterilizables en autoclave a 3 bar sobrepresión (143°C)!
Stérilisables à l'autoclave à 3 bars (143°)!
Può essere autoclavato a 3 bar di pressione (143°)!

$\frac{1}{4}$
33-560-03
 \varnothing 3 mm

$\frac{1}{4}$
33-560-05
 \varnothing 5 mm

$\frac{1}{4}$
33-560-08
 \varnothing 8 mm

$\frac{1}{4}$
33-560-12
 \varnothing 12 mm

$\frac{1}{4}$
33-560-14
 \varnothing 14 mm

$\frac{1}{4}$
33-560-16
 \varnothing 16 mm

$\frac{1}{4}$
33-564-02
 \varnothing 2 mm

$\frac{1}{4}$
33-564-03
 \varnothing 3 mm

$\frac{1}{4}$
33-564-04
 \varnothing 4 mm

$\frac{1}{4}$
33-564-05
 \varnothing 5 mm

$\frac{1}{4}$
33-564-06
 \varnothing 6 mm

$\frac{1}{4}$
33-564-08
 \varnothing 8 mm

$\frac{1}{4}$
33-564-10
 \varnothing 10 mm

Tampons
Stößel
Pisón
Chasse-Greffons
Punzoni



Chisels
Flachmeißel
Cinceles
Ciseaux-burins
Scalpelli

Gouges
Hohlmeißel
Gubias
Gouges
Sgorbie

Osteotomes
Osteotome
Osteótomas
Ostéotomes
Osteotomi



033



33-580-04 4 mm 33-580-06 6 mm 33-580-08 8 mm 33-580-10 10 mm

33-580-12 12 mm 33-580-14 14 mm 33-580-16 16 mm

33-580-04
33-580-16
13,5 cm, 5 1/4"

Osteotomes
Osteotome
Osteótomas
Ostéotomes
Osteotomi



33-582-04 4 mm 33-582-06 6 mm 33-582-08 8 mm 33-582-10 10 mm

33-582-12 12 mm 33-582-158 14 mm 33-582-16 16 mm

33-582-04
33-582-16
13,5 cm, 5 1/4"

Chisels
Flachmeißel
Cinceles
Ciseaux-burins
Scalpelli

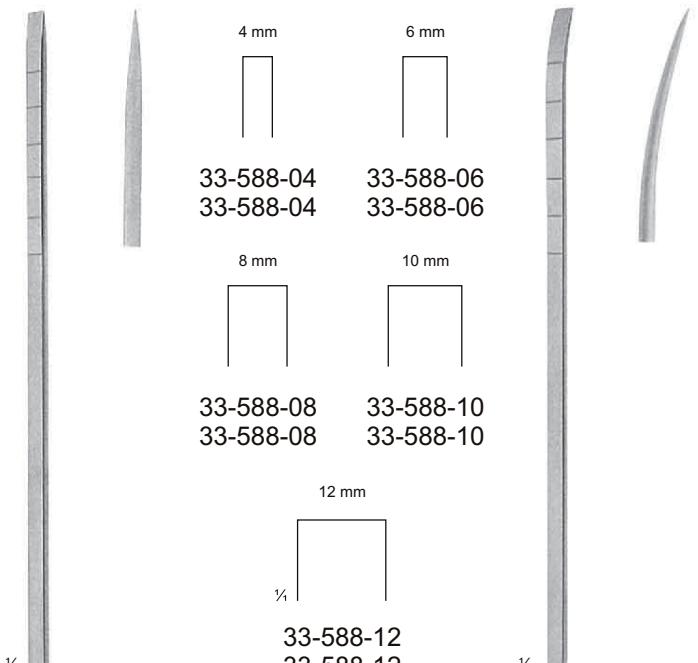


33-586-04 4 mm 33-586-06 6 mm 33-586-08 8 mm 33-586-10 10 mm

33-586-12 12 mm 33-586-14 14 mm 33-586-16 16 mm

33-586-04
33-586-16
13,5 cm, 5 1/4"

Gouges
Hohlmeißel
Gubias
Gouges
Sgorbie



33-588-04 4 mm 33-588-06 6 mm

33-588-04 8 mm 33-588-06 10 mm

33-588-08 12 mm 33-588-10 14 mm

33-588-12 16 mm

COTTE
33-588-04
33-588-12
18 cm, 7"

With depth markings
Mit Graduierung
Graduado
Gradué
Graduato

COTTE
33-588-06
33-588-12
18 cm, 7"



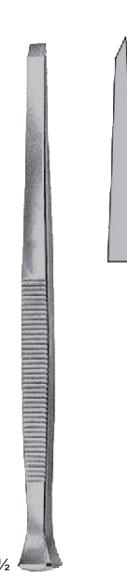
Chisels
Flachmeißel
Cinceles
Ciseaux-burins
Scalpelli

Gouges
Hohlmeißel
Gubias
Gouges
Sgorbie

Osteotomes
Osteotome
Osteótomas
Ostéotomes
Osteotomi



033



33-590-02
13,5 cm, 5 1/4"
2 mm



33-590-03
13,5 cm, 5 1/4"
3 mm



33-590-04
13,5 cm, 5 1/4"
4 mm



33-590-05
13,5 cm, 5 1/4"
5 mm



33-590-06
13,5 cm, 5 1/4"
6 mm



33-592-02
17 cm, 6 3/4"
2 mm



33-592-03
17 cm, 6 3/4"
3 mm



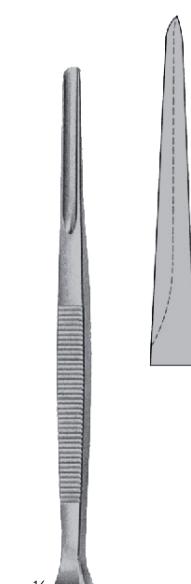
33-592-04
17 cm, 6 3/4"
4 mm



PARTSCH
33-590-02
33-592-06

33-592-05
17 cm, 6 3/4"
5 mm

33-592-06
17 cm, 6 3/4"
6 mm



33-593-02
13,5 cm, 5 1/4"
2 mm



33-593-03
13,5 cm, 5 1/4"
3 mm



33-593-04
13,5 cm, 5 1/4"
4 mm



33-595-02
17 cm, 6 3/4"
2 mm



33-595-03
17 cm, 6 3/4"
3 mm



33-595-04
17 cm, 6 3/4"
4 mm



PARTSCH
33-593-02
33-595-06

33-595-05
17 cm, 6 3/4"
5 mm

33-595-06
17 cm, 6 3/4"
6 mm



33-596-04
4 mm



33-596-06
6 mm



33-596-08
8 mm



33-596-10
10 mm



33-596-12
12 mm



33-596-14
14 mm



33-598-04
4 mm



33-598-06
6 mm



33-598-08
8 mm



33-598-10
10 mm



33-598-12
12 mm



33-598-14
14 mm



33-599-04
4 mm



33-599-06
6 mm



33-599-08
8 mm



33-599-10
10 mm



33-599-12
12 mm



33-599-14
14 mm



ALEXANDER
33-596-04
33-596-14
18 cm, 7"

Osteotomes
Osteotome
Osteótomas
Ostéotomes
Osteotomi

ALEXANDER
33-598-04
33-598-14
18 cm, 7"

Chisels
Flachmeißel
Cinceles
Ciseaux-burins
Scalpelli

ALEXANDER
33-599-04
33-599-14
18 cm, 7"

Gouges
Hohlmeißel
Gubias
Gouges
Sgorbie



Chisels
Flachmeißel
Cinceles
Ciseaux-burins
Scalpelli

Gouges
Hohlmeißel
Gubias
Gouges
Sgorbie

Osteotomes
Osteotome
Osteótomas
Ostéotomes
Osteotomi



033



33-600-10
10 mm

33-600-15
15 mm

33-600-20
20 mm

33-600-25
25 mm

STILLE
33-600-10
33-600-25
20 cm, 8"

Osteotomes
Osteotome
Osteótomas
Ostéotomes
Osteotomi



33-602-10
10 mm

33-602-20
20 mm

33-602-15
15 mm

33-602-25
25 mm

STILLE
33-602-10
33-602-25
20 cm, 8"

Osteotomes
Osteotome
Osteótomas
Ostéotomes
Osteotomi



33-604-10
10 mm

33-604-15
15 mm

33-604-20
20 mm

33-604-25
25 mm

STILLE
33-604-10
33-604-25
20 cm, 8"

Chisels
Flachmeißel
Cinceles
Ciseaux-burins
Scalpelli



33-605-10
10 mm

33-605-20
20 mm

33-605-15
15 mm

33-605-25
25 mm

STILLE
33-605-10
33-605-25
20 cm, 8"

Gouges
Hohlmeißel
Gubias
Gouges
Sgorbie



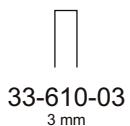
Osteotomes
Osteotomes
Osteótomas
Ostéotomes
Osteotomi



033



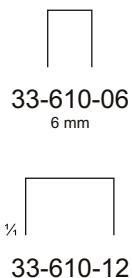
33-610-02
2 mm



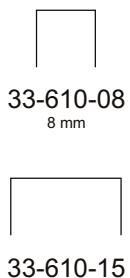
33-610-03
3 mm



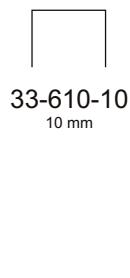
33-610-04
4 mm



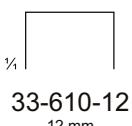
33-610-06
6 mm



33-610-08
8 mm



33-610-10
10 mm



33-610-12
12 mm



33-610-15
15 mm



MINI-LAMBOTTE

33-610-02
33-610-15
12,5 cm, 5"



33-612-02
2 mm



33-612-03
3 mm



33-612-04
4 mm



33-612-06
6 mm



33-612-08
8 mm



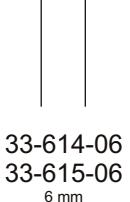
33-612-10
10 mm

MINI-LAMBOTTE

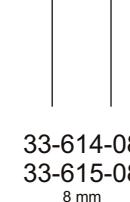
33-612-02
33-612-15
17 cm, 6 $\frac{3}{4}$ "



33-614-04
33-615-04
4 mm



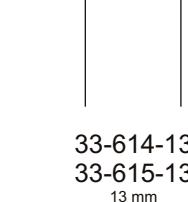
33-614-06
33-615-06
6 mm



33-614-08
33-615-08
8 mm



33-614-10
33-615-10
10 mm



33-614-13
33-615-13
13 mm



33-614-15
33-615-15
15 mm



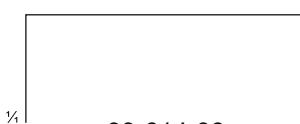
33-614-20
33-615-20
20 mm



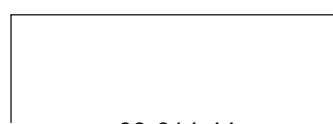
33-614-25
33-615-25
25 mm



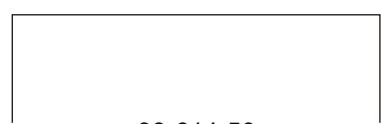
33-614-30
33-615-30
30 mm



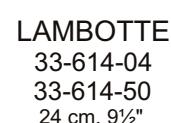
33-614-38
33-615-38
38 mm



33-614-44
33-615-44
44 mm



33-614-50
33-615-50
50 mm



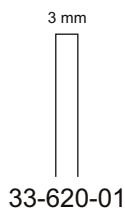


Chisels
Flachmeißel
Cinceles
Ciseaux-burins
Scalpelli

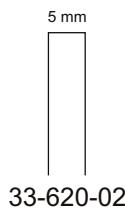
Osteotomes
Osteotome
Osteótomas
Ostéotomes
Osteotomi



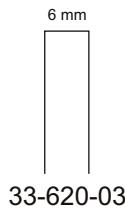
033



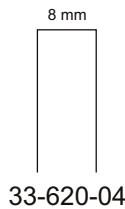
33-620-01



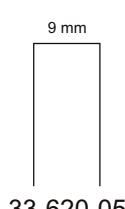
33-620-02



33-620-03



33-620-04

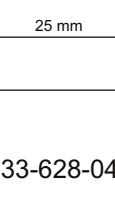
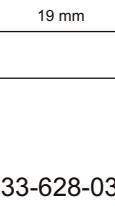
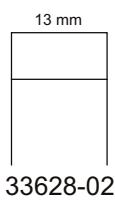
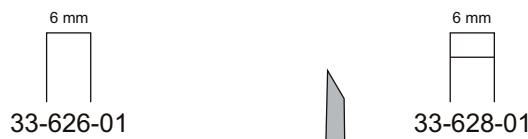
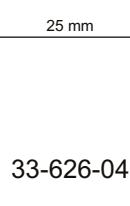
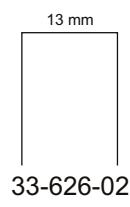
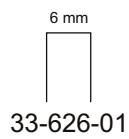


33-620-05

HOKE
33-620-01
33-620-05
17cm, 6 $\frac{3}{4}$ "

HIBBS
33-626-01
33-626-05
24 cm, 9 $\frac{1}{2}$ "

HIBBS
33-628-01
33-628-05
24 cm, 9 $\frac{1}{2}$ "





Gouges
Hohimeißel
Gubias
Gouges
Sgorbie

Osteotomes
Osteotome
Osteótomas
Ostéotomes
Osteotomi



033



33-633-01
9 mm

33-633-02
14 mm

33-633-03
19 mm

33-633-04
25 mm



33-635-01
9 mm

33-635-02
14 mm

33-635-03
19 mm

33-635-04
25 mm



33-634-01
6 mm

33-634-02
9 mm

33-634-03
13 mm

33-634-04
16 mm

33-634-05
19 mm

33-634-06
25 mm

33-634-07
32 mm



33-636-01
6 mm

33-636-02
9 mm

33-636-03
13 mm

33-636-04
16 mm

33-636-05
19 mm

33-636-06
25 mm

33-636-07
32 mm

33-633-01
33-633-04
20 cm, 8"

33-635-01
33-635-04
20 cm, 8"

33-634-01
33-634-07
20 cm, 8"

33-636-01
33-636-07
20 cm, 8"



Osteotomes
Osteotomes
Osteotomos
Ostéotomes
Osteotomi

Gouges
Hohlmeißel
Gubias
Gouges
Sgorbie

AUTOCLAVE
143°C



033



MINI-LEXER
33-638-01
33-638-05
18 cm, 7"

- 33-638-01 4 mm
33-638-02 6 mm
33-638-03 8 mm
- 33-638-04 10 mm
33-638-05 12 mm



MINI-LEXER
33-639-01
33-639-05
18 cm, 7"

- 33-639-01 4 mm
33-639-02 6 mm
33-639-03 8 mm
- 33-639-04 10 mm
33-639-05 12 mm



LEXER
33-640-01
33-640-07
23 cm, 8¾"

- 33-640-01 5 mm
33-640-02 7 mm
33-640-03 10 mm

- 33-640-04 15 mm
33-640-05 20 mm

- 33-640-06 25 mm
33-640-07 30 mm



LEXER
33-641-01
33-641-07
22 cm, 8¾"

- 33-641-01 5 mm
33-641-02 7 mm
33-641-03 10 mm

- 33-641-04 15 mm
33-641-05 20 mm

- 33-641-06 25 mm
33-641-07 30 mm

Gouges
Hohlmeißel
Gubias
Gouges
Sgorbie



Osteotomes, Gouges and Chisels with handle from artificial wood

Osteotomes, Hohlmeißel und Flachmeißel mit Ferrozellgriff

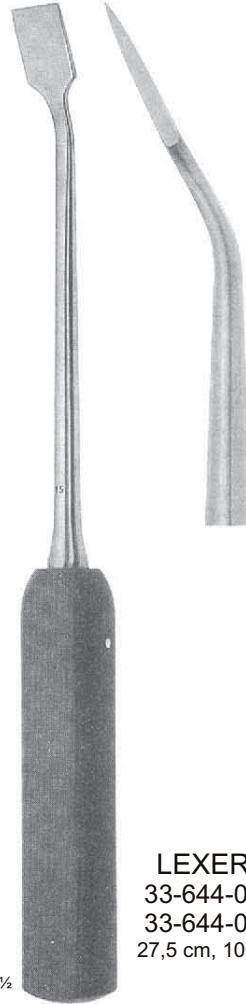
Osteótomas, gubias y cinceles con mango de madera artificial

Ostéotomes, gouges et ciseaux-burins avec manche en "Ferrozell"

Osteotomi, sgorbie e scalpelli con manico in legno artificiale



033



33-644-01
33-645-01
10 mm

33-644-02
33-645-02
15 mm

LEXER
33-644-01
33-644-02
27,5 cm, 10 $\frac{3}{4}$ "

Gouges, angled
Hohlmeißel, abgewinkelt
Gubias, acodadas
Gouges, angulées
Sgorbie, angolati

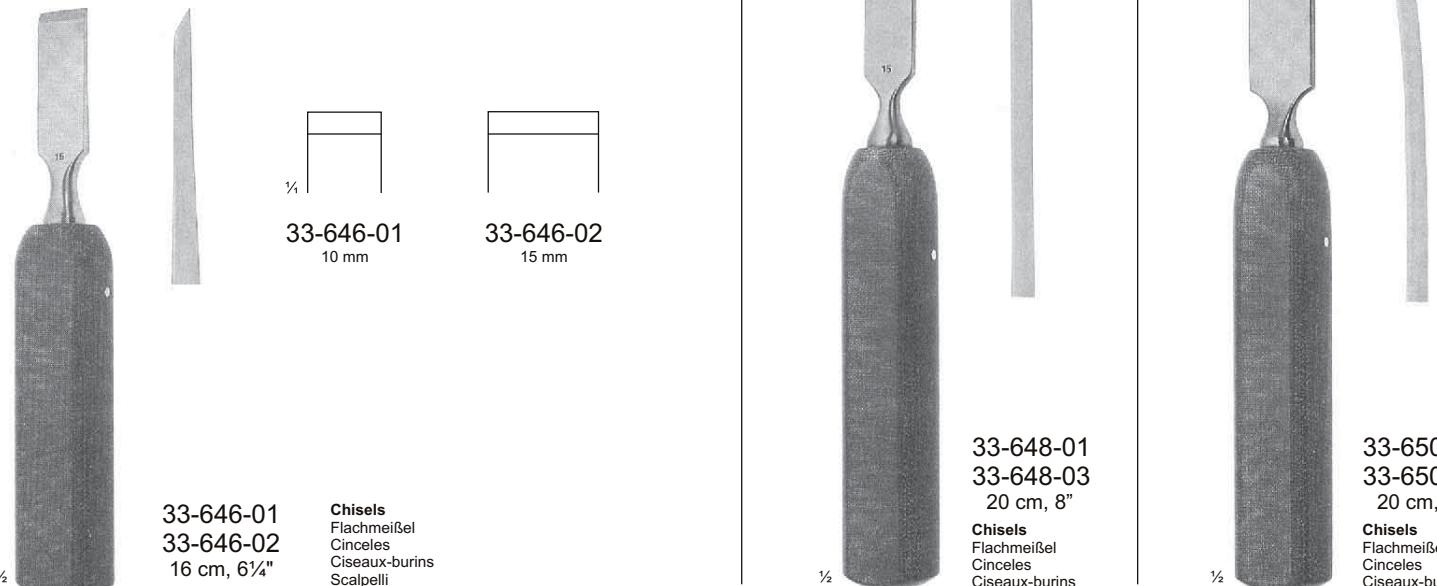


33-646-01
10 mm

33-646-02
15 mm

33-646-01
33-646-02
16 cm, 6 $\frac{1}{4}$ "

Chisels
Flachmeißel
Cinceles
Ciseaux-burins
Scalpelli



33-648-01
33-648-03
20 cm, 8"

Chisels
Flachmeißel
Cinceles
Ciseaux-burins
Scalpelli

33-650-01
33-650-03
20 cm, 8"

Chisels
Flachmeißel
Cinceles
Ciseaux-burins
Scalpelli



Gouges with handle form artificial wood

Hohlmeißel mit Ferrozellgriff

Gubias con mango de madera artificial

Gouges avec manche en " Ferrozell "

Sgorbie con manico in legno artificiale



033



33-650-01
5 mm



33-650-02
10 mm



33-650-03
15 mm



33-651-01
5 mm



33-651-02
10 mm



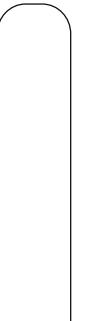
33-651-03
15 mm



33-654-01
5 mm



33-654-02
7 mm



33-654-03
10 mm



LEXER
33-650-01
33-650-03
25 cm, 10"

Spongiosa gouges
Spongiosa-Hohlmeißel
Gubias de esponjosa
Ciseaux-burins spongioso
Sgorbie per tessuto osseo spugnoso



LEXER
33-651-01
33-651-03
25 cm, 10"

Spongiosa gouges
Spongiosa-Hohlmeißel
Gubias de esponjosa
Ciseaux-burins spongioso
Sgorbie per tessuto osseo spugnoso



LEXER
33-654-01
33-654-03
28 cm, 11"

Spongiosa gouges
Spongiosa-Hohlmeißel
Gubias de esponjosa
Ciseaux-burins spongioso
Sgorbie per tessuto osseo spugnoso



Gouges with handle form artificial wood

Hohlmeißel mit Ferrozellgriff

Gubias con mango de madera artificial

Gouges avec manche en " Ferrozell "

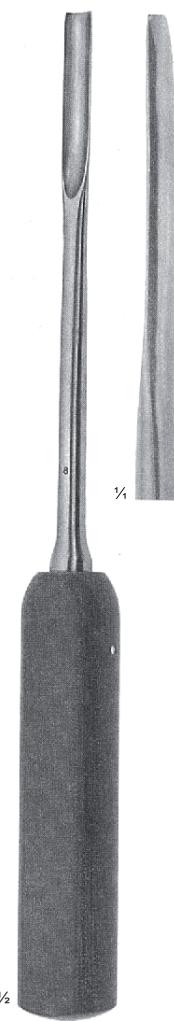
Sgorbie con manico in legno artificiale



033



8 mm



COBB
33-658-28
28 cm, 11"

Spinal gouge,
Spinal-Hohlmeißel,
Gubia espinal,
Gouge spinale,
Sgorbie spinale,



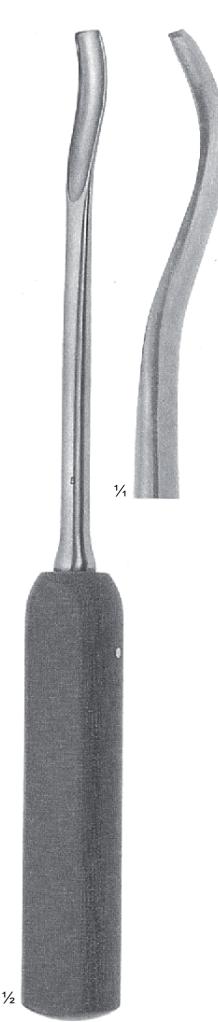
8 mm



COBB
33-659-28
28 cm, 11"



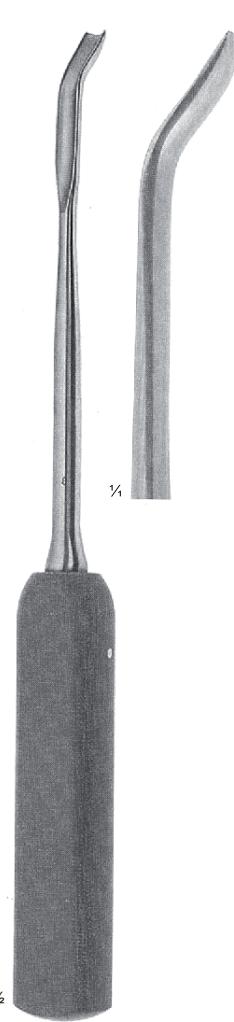
8 mm



COBB
33-661-28
28 cm, 11"



8 mm



COBB
33-663-28
28 cm, 11"

033



Bone Surgery
Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



Mallets
Hämmer
Martillos
Maillets
Martelli



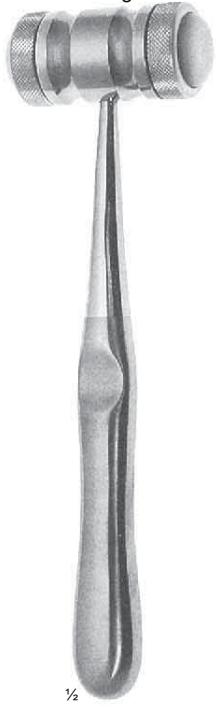
033

Ø 20 mm
140 g



33-670-10 100 g
33-670-14 140 g
16,5 cm, 6½"

Ø 26 mm
320 g



MEAD
33-672-17 185 g
17 cm, 6¾"

Ø 22 mm
165 g



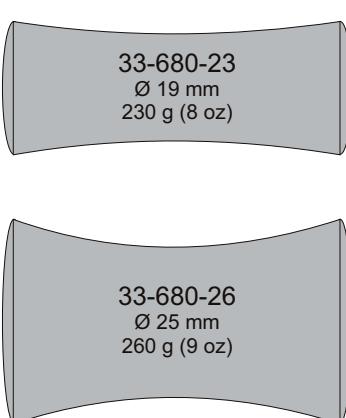
33-676-19 165 g
19 cm, 7½"

Ø 30 mm
220 g

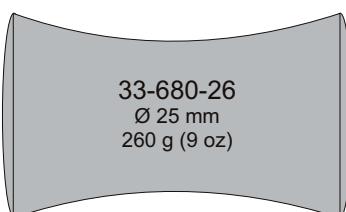


COLLIN
33-678-20 220 g
20 cm, 8"

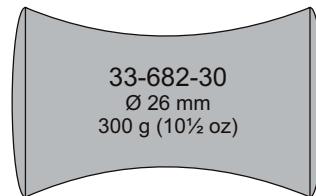
33-680-23
Ø 19 mm
230 g (8 oz)



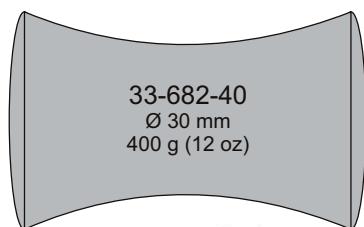
33-680-26
Ø 25 mm
260 g (9 oz)



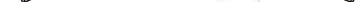
33-680-23
Ø 26 mm
300 g (10½ oz)



33-682-34
Ø 28 mm
340 g (12 oz)



33-682-40
Ø 30 mm
400 g (12 oz)



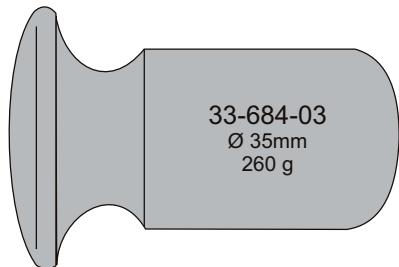
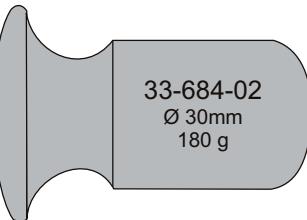
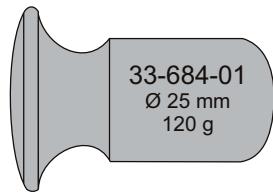
LUCAE
33-680-23
33-680-26
19 cm, 7½"



WILLIGER
33-682-30
33-682-40
24 cm, 9½"



Mallets
Hämmer
Martillos
Maillets
Martelli





Mallets
Hämmer
Martillos
Maillets
Martelli

AUTOCLAVE
143°C



PARTSCH
33-694-22
18 cm, 7"
200 g



VICKERS
33-700-22
19 cm 7 3/4"



33-702-30
24 cm, 9 1/2"
480 g



33-704-30
26 cm 10 1/2"
510 g



Mallets
Hämmer
Martillos
Maillets
Martelli

AUTOCLAVE
143°C



33-706-00
26 cm, 10½"
450 g



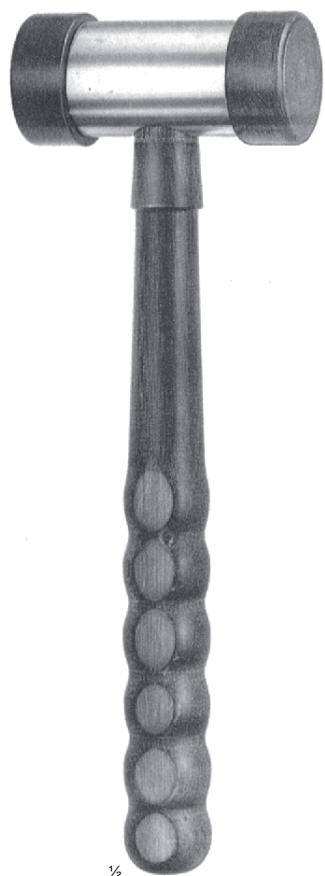
33-708-01
24 cm, 9½"
390 g Ø 32 mm

33-708-02
24 cm, 9½"
540 g Ø 35 mm

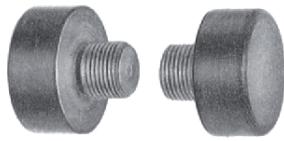
33-708-03
24 cm, 9½"
740 g Ø 40 mm



33-710-00
26 cm, 10½"
530 g



33-712-37
22.5 cm, 9"
370 g



33-712-01



Ø 30 mm

Ø 37 mm



Mallets
Hämmer
Martillos
Maillets
Martelli

AUTOCLAVE
143°C



33-714-00
26,5 cm, 10½"



33-716-00
25 cm, 10"
215 g Ø 30 mm



33-718-00
26,5 cm, 10½"
900 g



33-720-30
18 cm, 7"
125 g

With interchangeable plastic disk
Mit auswechselbaren Kunststoffbacken
Con tapas de plástico intercambiables
Avec masse plastique interchangeable
Con piastre di plastica intercambiabili



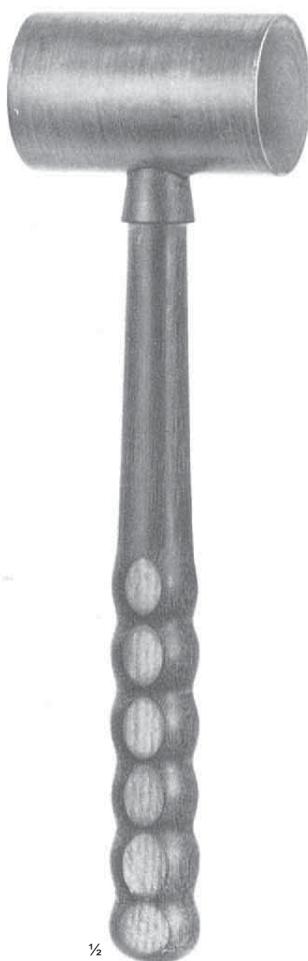
Mallets
Hämmer
Martillos
Maillets
Martelli

AUTOCLAVE
143°C



033

Ø 42 mm



33-722-00 250 g
33-722-01 400 g
26 cm 10 1/4"

Ø 42 mm



33-724-25
26 cm 10 1/4"
250 g

Ø 25 mm



33-730-25
18,5 cm, 7 1/4"
140 g

With interchangeable plastic disk
Mit austauschbaren Kunststoffbacken
Con tapas de plástico intercambiables
Avec masse plastique interchangeable
Con piastre di plastica intercambiabili

Ø 35 mm



WAGNER
33-732-00 170 g
33-732-01 260 g
23,5 cm, 9 1/4"

With interchangeable plastic disk
Mit austauschbaren Kunststoffbacken
Con tapas de plástico intercambiables
Avec masse plastique interchangeable
Con piastre di plastica intercambiabili



Mallets
Hämmer
Martillos
Maillets
Martelli



Ø 30 mm



BERGMANN
33-734-30
23,5 cm, 9 1/4"
300 g

Ø 45 mm



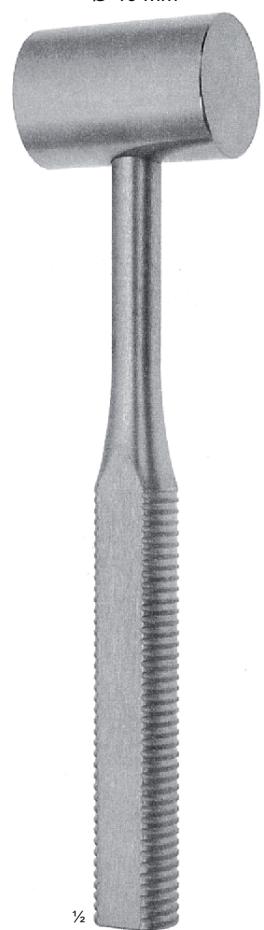
BERGMANN
33-736-45
25 cm, 10"
300 g

Ø 29/42 mm



BERGMANN
33-738-00
25 cm, 10"
300 g

Ø 40 mm



OMBREDANNE
33-740-40
25 cm, 10"
550 g



Meniscus Knives
Meniskusmesser
Bisturis para menisco
Bistouris à ménisque
Bisturi pe menisco

Retractors for knee
Wund- und Meniskushaken
Separadores para rodilla
Ecarteurs pour genou
Retrattori per ginocchio



033



33-750-01
19 cm, 7½"



33-750-02
19 cm, 7½"



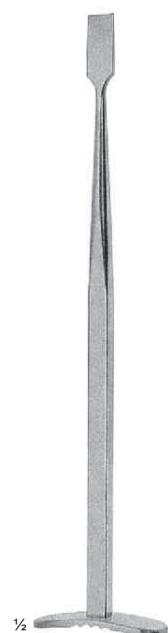
BIRCHER
33-750-01
33-750-02



33-752-01
17 cm, 6¾"

33-752-02
17 cm, 6¾"

33-752-03
17 cm, 6¾"



SMILLIE
33-752-01
33-752-03

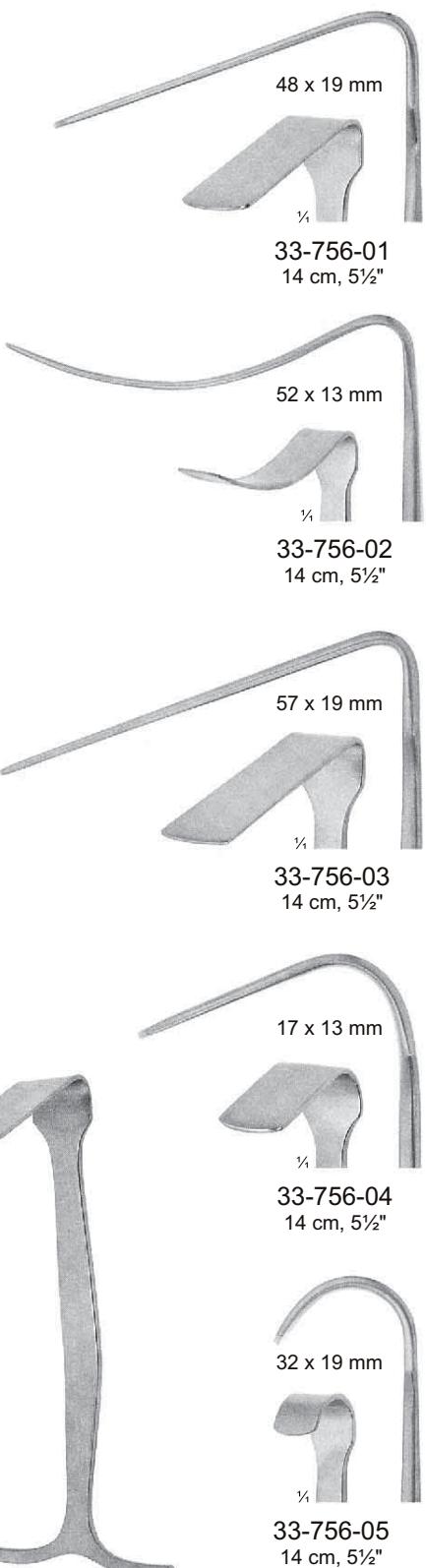


33-753-01
20,5 cm, 8"

33-753-02
20,5 cm, 8"



CANAD MODELL
33-753-01
33-753-02



48 x 19 mm

33-756-01
14 cm, 5½"

52 x 13 mm

33-756-02
14 cm, 5½"

57 x 19 mm

33-756-03
14 cm, 5½"

17 x 13 mm

33-756-04
14 cm, 5½"

32 x 19 mm

33-756-05
14 cm, 5½"

SMILLIE
33-756-01
33-756-05



Meniscus Knives

Meniskusmesser

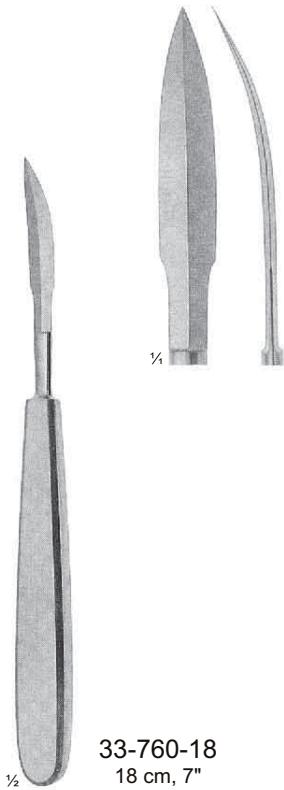
Bisturíes para menisco

Bistouris à ménisque

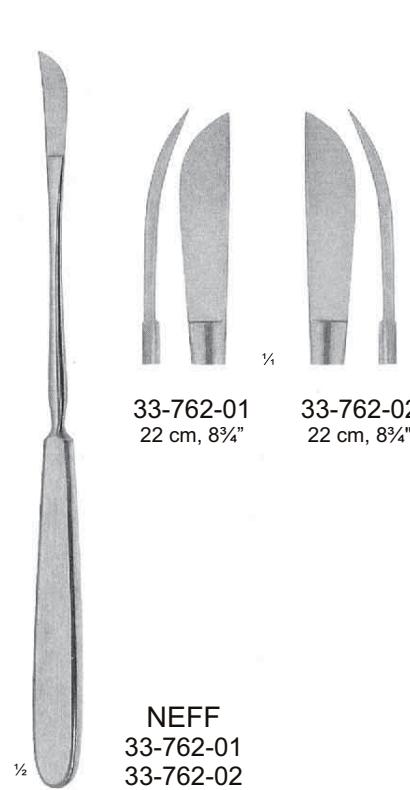
Bisturi pe menisco



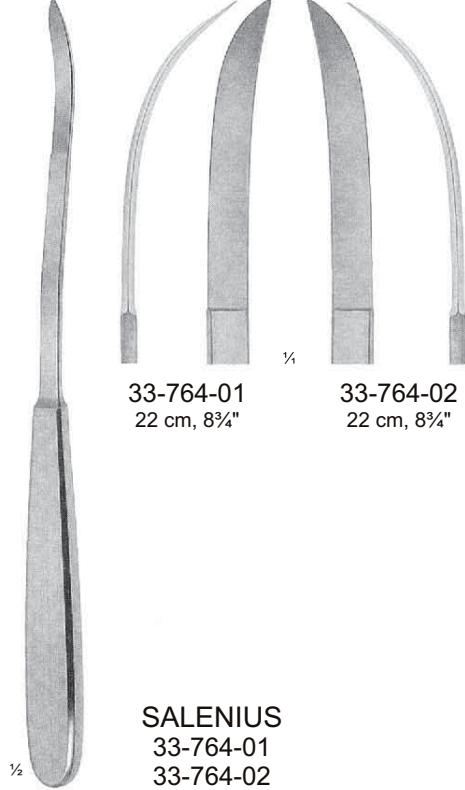
033



33-760-18
18 cm, 7"



33-762-01
22 cm, 8 3/4"
33-762-02
22 cm, 8 3/4"



33-764-01
22 cm, 8 3/4"
33-764-02
22 cm, 8 3/4"

NEFF
33-762-01
33-762-02

SALENIUS
33-764-01
33-764-02



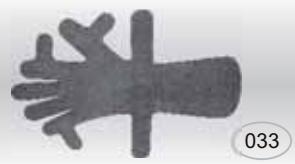
VICKERS
33-765-24 25 cm, 10"
33-765-37 37 cm, 14 1/2"



VICKERS
33-767-25
25 cm, 10"



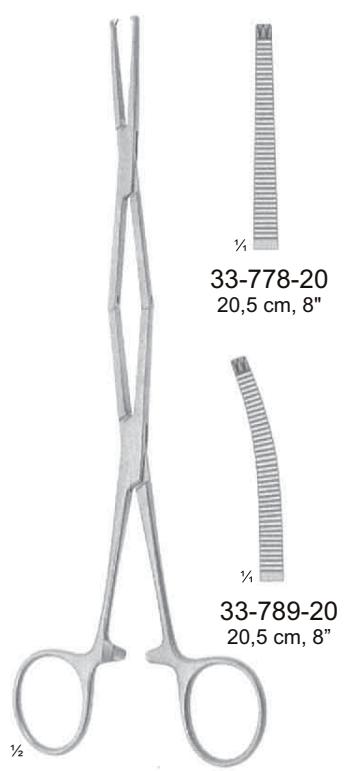
Tendon Passing Instruments
Sehnenführer
Conductor de tendones
Conducteurs à tendons
Guida per tendine



BRAND
33-776-15
33-776-24



BRAND
33-777-15
33-777-24



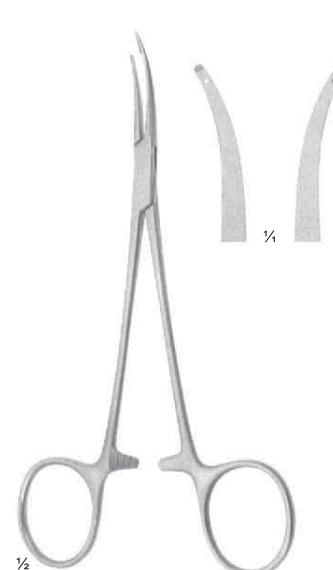
33-778-20
33-789-20



KLEINERT-KUTZ
33-781-20
20 cm, 8"



33-782-15
15 cm, 6"



33-783-15
15 cm, 6"



Working lenght: 11 cm, 4 1/2"
Nutzlänge: 11 cm, 4 1/2"
Longitud útil: 11 cm, 4 1/2"
Longueur utile: 11 cm, 4 1/2"
Lunghezza di lavoro: 11 cm, 4 1/2"

CARROLL
33-785-11
11 cm, 9"



Tendon Passing Instruments
Sehnenführer
Conductor de tendones
Conducteurs à tendons
Guida per tendine



BRAND
33-776-15
33-776-24



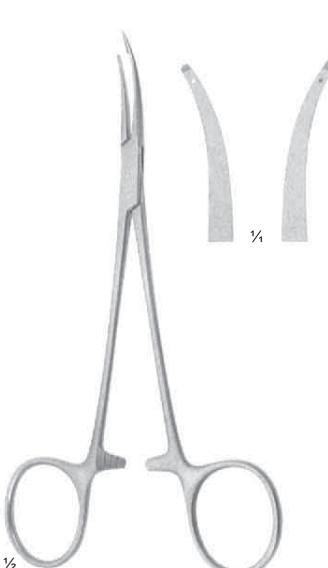
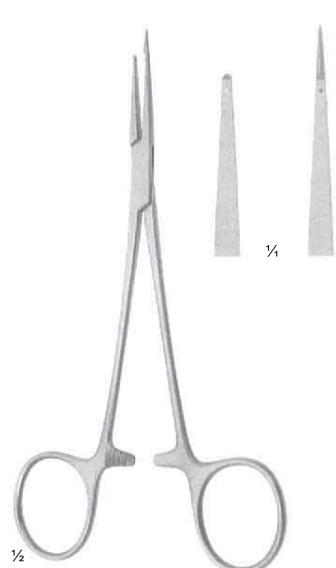
BRAND
33-777-15
33-777-24



33-778-20
33-789-20



KLEINERT-KUTZ
33-781-20
20 cm, 8"



Working length: 11 cm, 4 $\frac{1}{2}$ "
Nutzlänge: 11 cm, 4 $\frac{1}{2}$ "
Longitud útil: 11 cm, 4 $\frac{1}{2}$ "
Longueur utile: 11 cm, 4 $\frac{1}{2}$ "
Lunghezza di lavoro: 11 cm, 4 $\frac{1}{2}$ "



Reposition Forceps

Repositionszangen
Pinzas para reducción
Pince à réduction
Pinze per riposizioni



033



33-790-14
14 cm, 5½"



33-791-13
13.5 cm, 5¼"



33-792-13
13.5 cm, 5¼"



LEWIN
33-794-17
17.5 cm, 7"



33-796-20
20 cm, 8"



Meniscus and Cartilage Grasping Forceps

Meniskus- und Knorpelfaßzangen

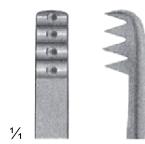
Pinzas para menisco y cartílago

Pinces à ménisque et cartilage

Pinze da presa per menisco e cartillagine



033



33-798-16
16,5 cm, 6½"



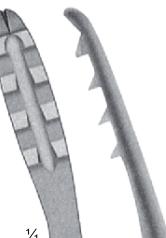
33-798-19
19 cm, 7½"



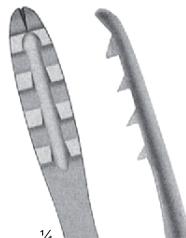
33-798-20
20 cm, 8"



33-800-20
20 cm, 8"



33-801-20
20 cm, 8"



MARTIN
33-798-16
33-798-20



BIRCHER-GANSKE
33-800-20
33-801-20



BIRCHER-GANSKE
33-803-20
20 cm, 8"



Reposition forceps
Repositionszangen
Pinzas para reducción
Pinces à réduction
Pinze per riposizioni

Bone Holding Forceps
Knochenhaltezangen
Pinzas para huesos
Daviers
Tenaglie per ossa



033



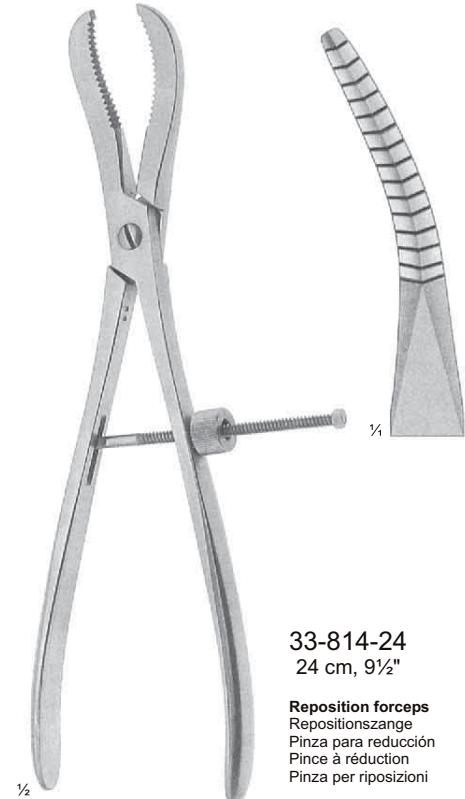
33-810-18
18,5 cm, 7¼"

Patella forceps
Patellazange
Pinza para rotula
Pince Patella
Pinza per rotula



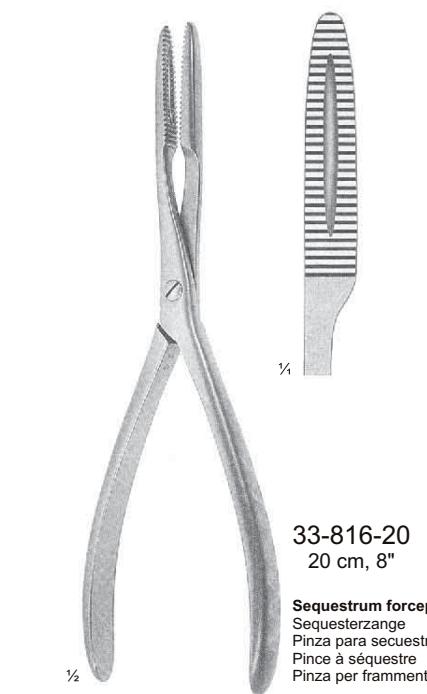
33-812-16
16 cm, 6¼"

Reposition forceps
Repositionszange
Pinza para reducción
Pince à réduction
Pinza per riposizioni



33-814-24
24 cm, 9½"

Reposition forceps
Repositionszange
Pinza para reducción
Pince à réduction
Pinza per riposizioni



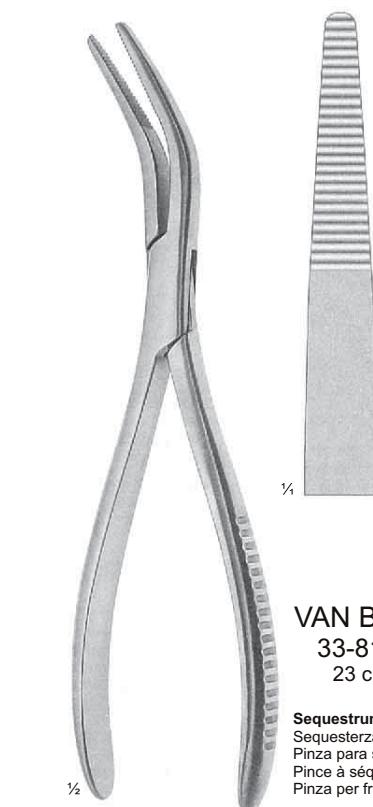
33-816-20
20 cm, 8"

Sequestrum forceps
Sequesterzange
Pinza para secuestro
Pince à séquestrer
Pinza per frammento osseo



33-817-20
20 cm, 8"

Sequestrum forceps
Sequesterzange
Pinza para secuestro
Pince à séquestrer
Pinza per frammento osseo

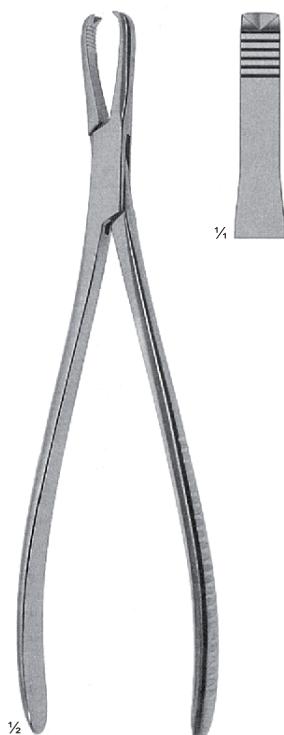


VAN BRUEN
33-819-23
23 cm, 9"

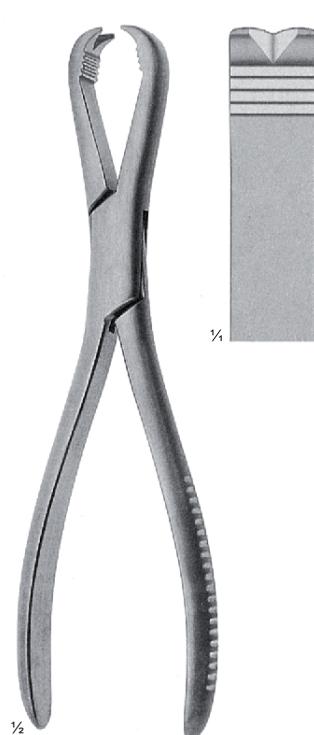
Sequestrum forceps
Sequesterzange
Pinza para secuestro
Pince à séquestrer
Pinza per frammento osseo



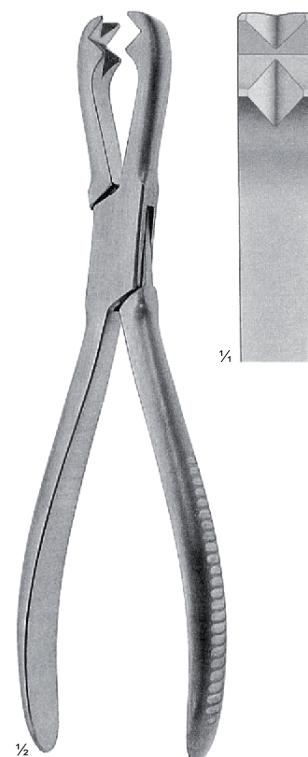
Bone Holding Forceps
Knochenhaltezangen
Pinzas para huesos
Daviers
Tenaglie per ossa



33-820-20
20 cm, 8"



LANGENBECK
33-822-21
21 cm, 8 1/4"



FERGUSSON
33-824-20
20 cm, 8 1/4"



DINGMANN
33-825-19
19 cm, 7 1/2"



DINGMANN
33-827-18
18,5 cm, 7 1/4"



Bone Holding Forceps
Knochenhaltezangen
Pinzas para huesos
Daviers
Tenaglie per ossa



033



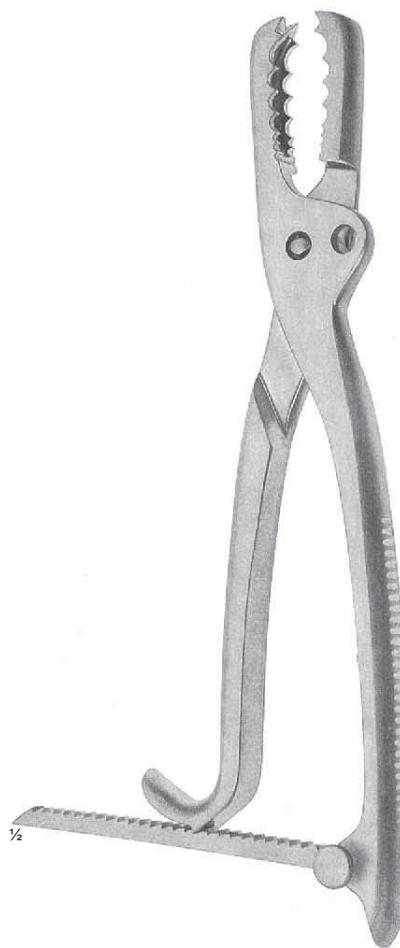
SEMB
33-839-19
19 cm, 7 1/2"



SEMB
33-841-19 19 cm, 7 3/4"
33-850-17 17 cm, 6 3/4"
33-850-23 23 cm, 9"



FARABEUF
33-860-23 23 cm, 9"
33-860-26 26 cm, 10 1/4"



FARABEUF-LAMBOTTE
33-707-26
26 cm, 10 1/4"

Rib and bone holding forceps
Rippen- und Knochenfaßzange
Pinza para huesos
Daviers à os
Pinza per ossa e costole

Rib and bone holding forceps
Rippen- und Knochenfaßzange
Pinza para huesos
Daviers à os
Pinza per ossa e costole



Bone Holding Forceps
Knochenhaltezangen
Pinzas para huesos
Daviers
Tenaglie per ossa



033



33-654-21
21 cm, 8 1/4"



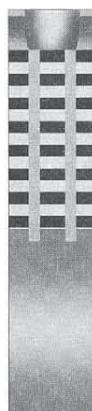
33-854-33
33 cm, 13"



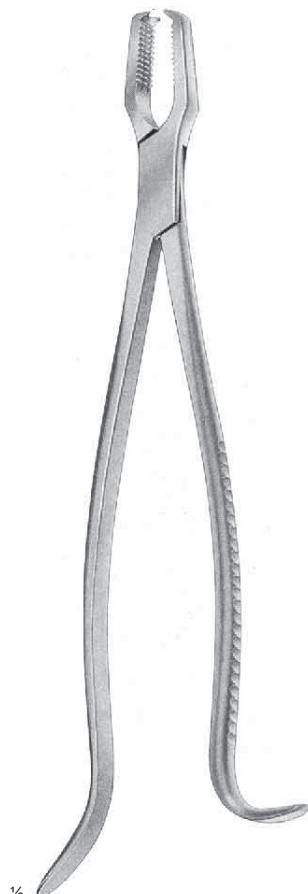
33-856-17
17 cm, 6 7/8"



33-858-23
21 cm, 8 1/4"



33-858-33
33 cm, 13"



KERN-LANE
33-854-21
33-854-33



KERN-MINI
33-858-17



KERN
33-858-23
33-858-33



Bone Holding Forceps
Knochenhaltezangen
Pinzas para huesos
Daviers
Tenaglie per ossa



033



LAMBOTTE

33-866-22 22 cm, 8¾"
33-866-27 27 cm, 8½"
33-866-30 30 cm, 12"



LAMBOTTE

33-868-22
33-868-33



LAMBOTTE

33-869-19
33-869-26



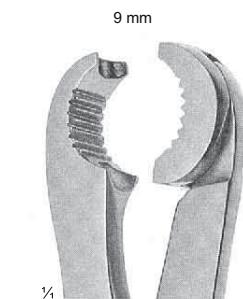
Bone Holding Forceps
Knochenhaltezangen
Pinzas para huesos
Daviers
Tenaglie per ossa



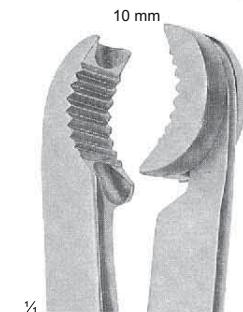
033



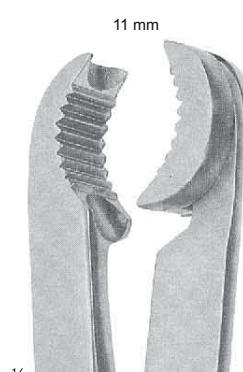
LAMBOTTE
33-870-22
33-870-30



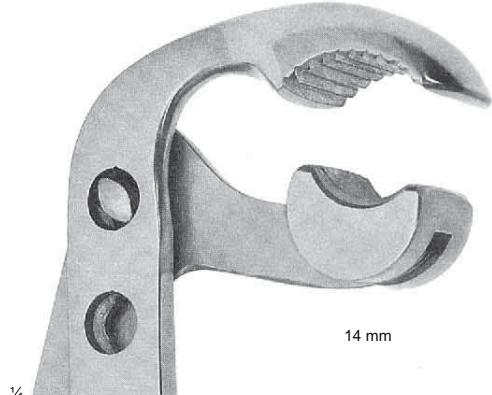
33-870-22
22 cm, 8 3/4"



33-870-27
27 cm, 10 1/2"



33-870-30
30 cm, 12"



14 mm



LAMBOTTE
33-871-21
21 cm, 8 1/4"

Adjustable, 1 jaw swiveled
Verstellbar, 1Maulteil beweglich
Ajustable, 1 mandíbula móvil
à crémaillère, 1 more mobile
Regolabili, 1 mandibola mobile



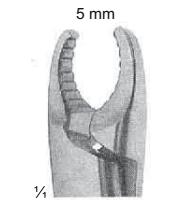
Bone Holding Forceps
Knochenhaltezangen
Pinzas para huesos
Daviers
Tenaglie per ossa



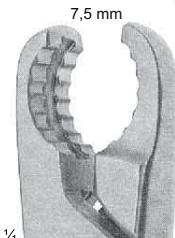
033



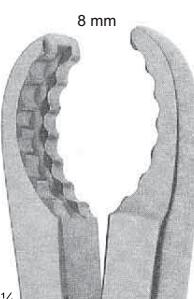
ULRICH
33-872-18
33-872-28



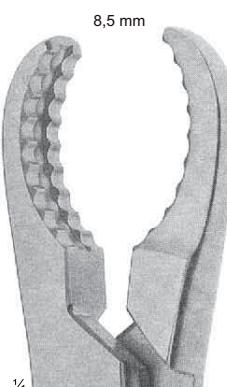
33-872-18
33-872-18
18 cm, 7"



33-872-23
33-872-23
23 cm, 9"



33-872-25
33-872-25
25 cm, 10"



33-872-28
33-872-28
28 cm, 11"



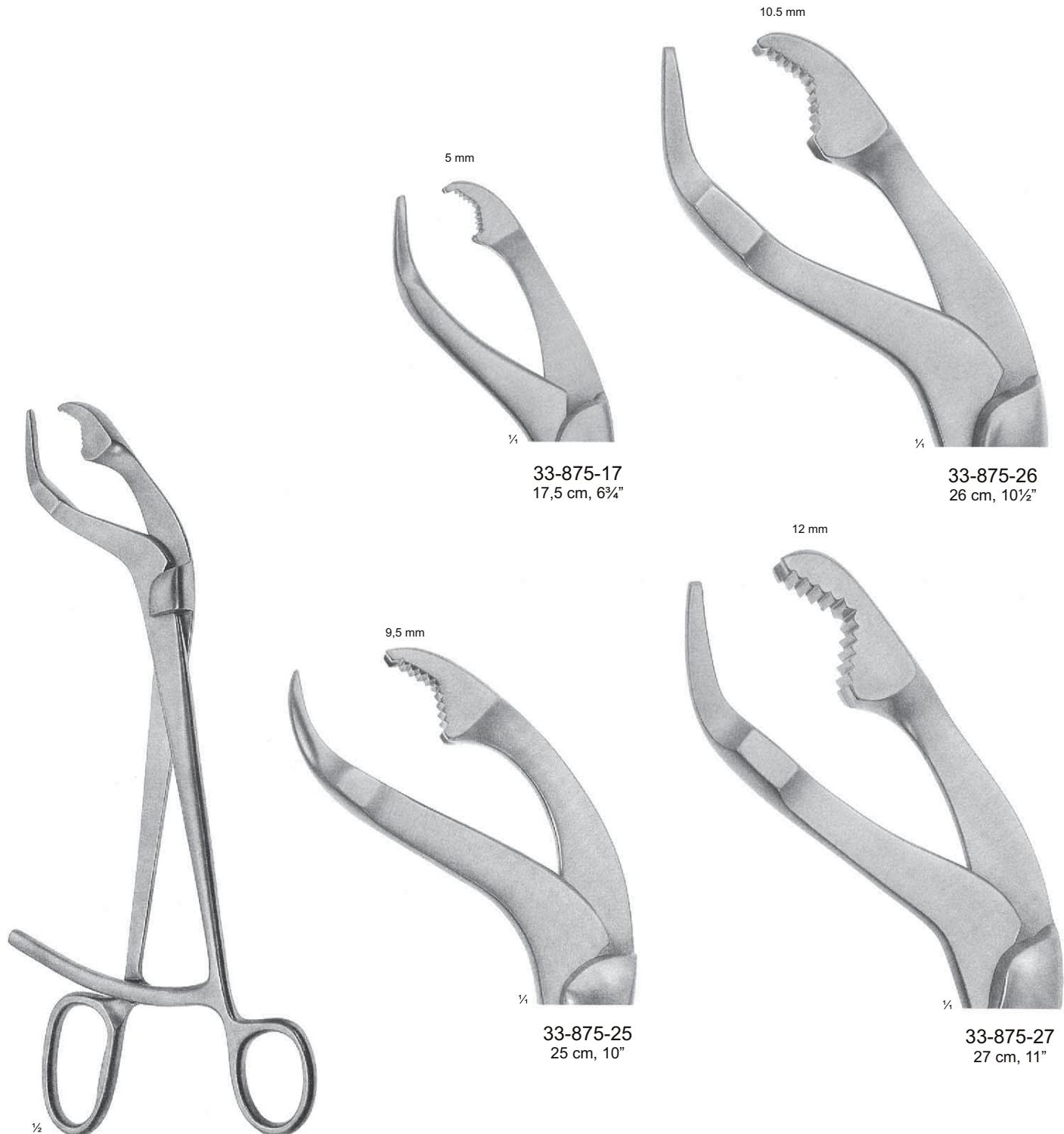
ULRICH
33-873-28
33-873-28



Bone Holding Forceps
Knochenhaltezangen
Pinzas para huesos
Daviers
Tenaglie per ossa



033



VERBRUGGE
33-875-17
33-875-27

With lip joint
Mit Lappenverschluß
Con cierra de labio
Avec fermeture à lambeaux
Con chiusura a tela



Bone Holding Forceps
Knochenhaltezangen
Pinzas para huesos
Daviers
Tenaglie per ossa



033

2,5 mm



33-877-15
15 cm, 6"

6,5 mm

10 mm



33-877-26
26 cm, 10 1/4"

1/4

33-877-19
19 cm, 7 1/2"

9,5 mm

11 mm



33-877-28
28 cm, 11"

1/4

33-877-24
24 cm, 9 1/2"

33-877-15
33-877-28

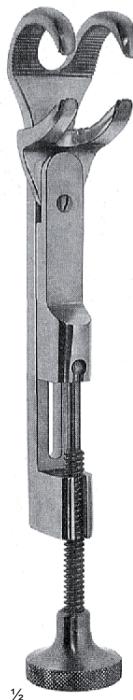
Self-centering forceps with thread fixation
Selbstzentriert mit Gewindesperrre
Autocentrante con cremallera de tuerca
Autostatique, à crémaillère
Pinze autocentranti con blocco di filettatura

**Bone Clamps**

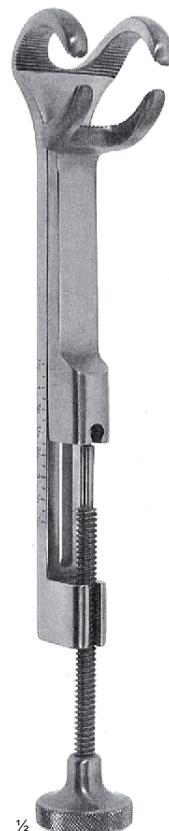
Knochenhalteklemmern
Pinzas porta-huesos
Daviers
Tenaglie per ossa



033



LOWMANN HOGLUND
35-880-19
19 cm, 7½"



LOWMANN-LAMBERT
35-890-18
18 cm, 7"
35-890-20
20 cm, 8"
35-890-22
22 cm, 8¾"



GERSTER LOWMANN
35-891-18
18 cm, 7"
35-891-20
20 cm, 8"
35-891-22
22 cm, 8¾"



GERSTER
35-892-00

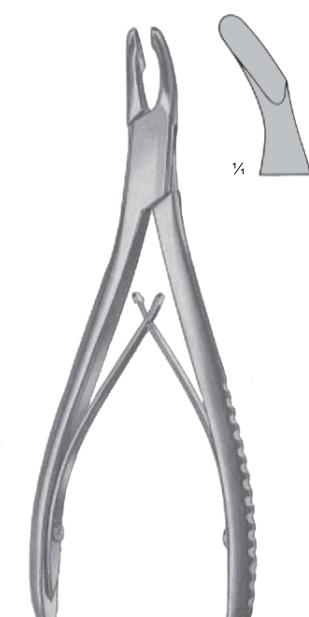
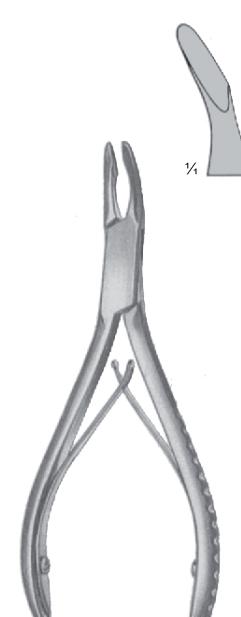
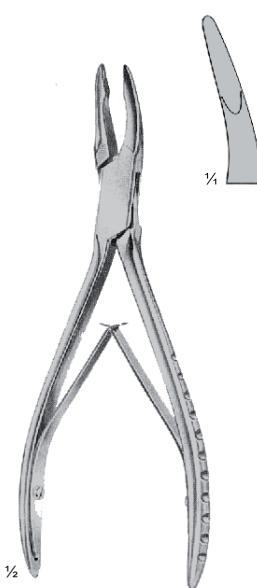
Traction bar for bone clamps
Distractionsklammer für Knochenhalteklemmern
Barra de tracolón para pinzas porta-huesos
Tracteur pour daviers
Barra di trazione per tenaglie per ossa



Bone Rongeurs
Hohmeißelzangen
Pinzas-gubias
Pince-gouges
Pinze per ossa

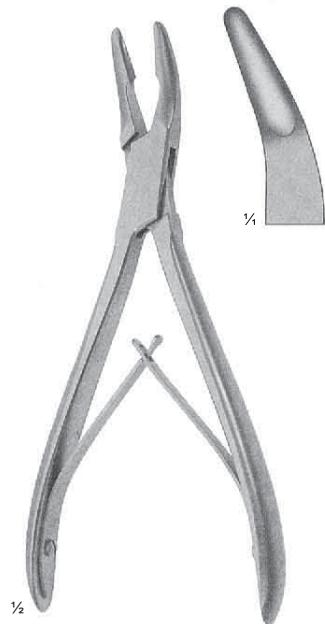


STELLBRINK
33-900-01
33-900-02

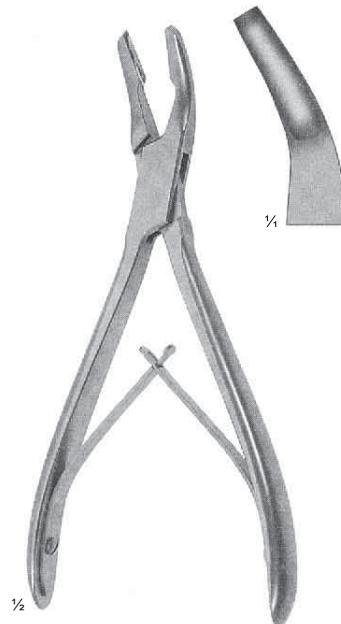




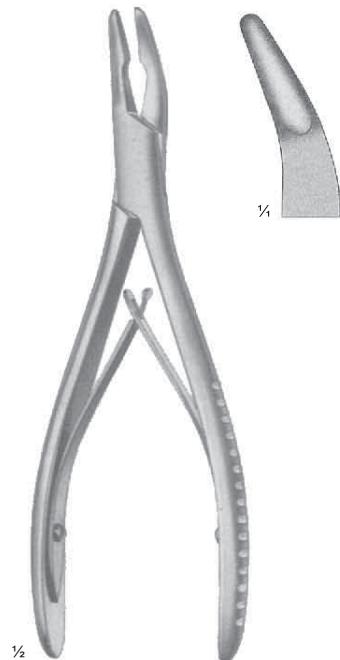
Bone Rongeurs
Hohimeißelzangen
Pinzas-gubias
Pinces-gouges
Pinze per ossa



MEAD
33-910-16
16,5 cm, 6½"



MEAD
33-912-16
16,5 cm, 6½"

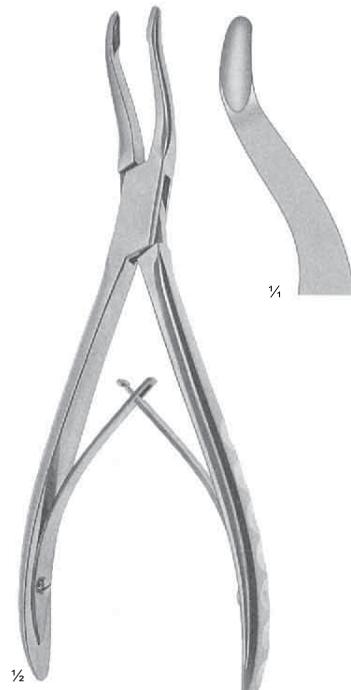


HARTMANN
33-914-18
18,5 cm, 7¼"

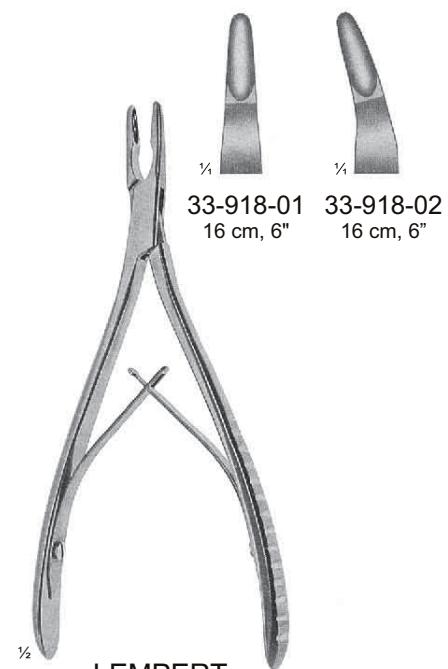


JANSEN
33-916-01
33-916-02

33-916-01 33-916-02
18 cm, 7" 18 cm, 7"



JANSSEN
33-917-19
19 cm, 7½"



LEMPERT
33-918-01
33-918-02

33-918-01 33-918-02
16 cm, 6" 16 cm, 6"



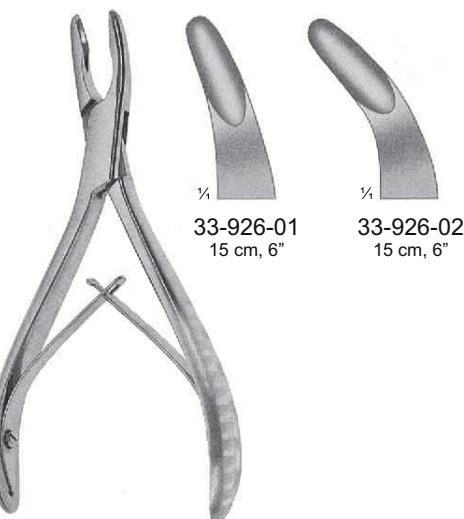
Bone Rongeurs
Hohlmeißelzangen
Pinzas-gubias
Pince-gouges
Pinze per ossa



LEMPERT
33-920-01
33-920-02



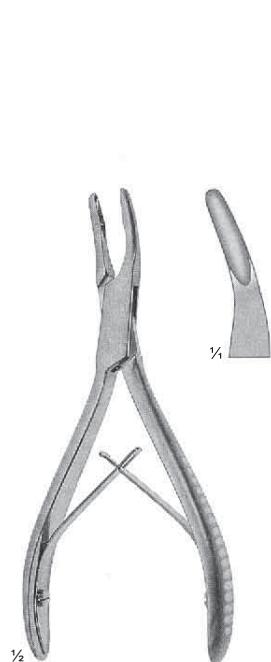
BLUMENTHAL
33-922-01
33-922-03



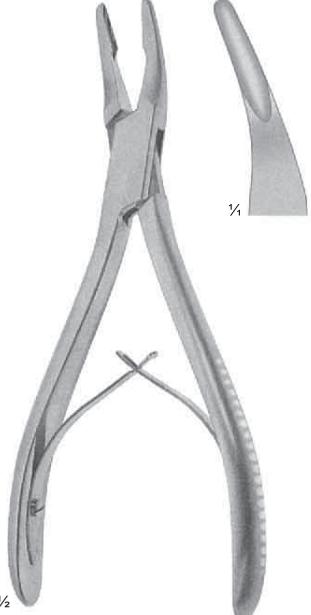
LUER
33-926-01
33-926-02
15 cm, 6"



RUSKIN
33-928-01
33-928-02



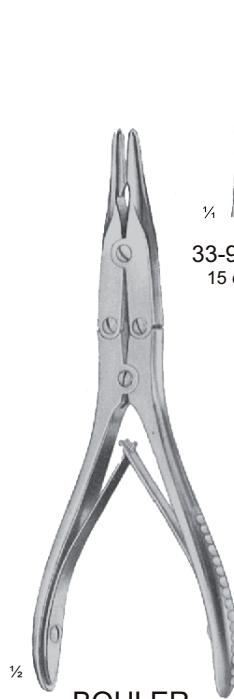
LUER FRIEDMAN
33-924-15
15 cm, 6"



BEYER
33-930-18
18 cm, 7"



Bone Rongeurs
Hohlmeißelzangen
Pinzas-gubias
Pince-gouges
Pinze per ossa



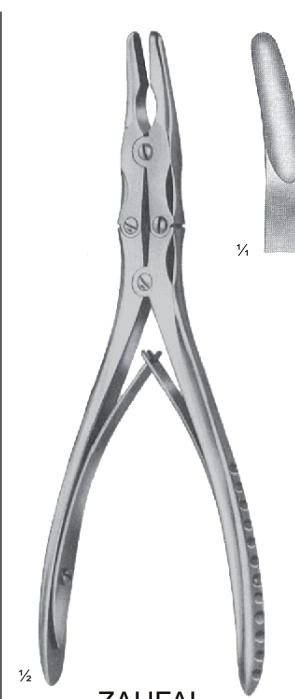
1/4
33-932-01
15 cm, 6"

1/4
33-932-02
15 cm, 6"



1/4
33-934-01
18 cm, 7"

1/4
33-934-02
18 cm, 7"



1/4



1/4
33-940-18
18 cm, 7"

1/4
33-941-18
18 cm, 7"

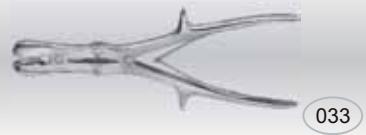
1/4
33-940-23
23 cm, 9"

1/4
33-941-23
23 cm, 9"





Bone Rongeurs
Hohlmeißelzangen
Pinzas-gubias
Pince-gouges
Pinze per ossa



STILLE
33-943-23
23 cm, 9"

Laterally curved
Seitwärts gebogen
Curvas lateral
Courbure latérale
Curva lateralmente



STILLE-RUSKIN
33-944-23
23 cm, 9"

Laterally curved
Seitwärts gebogen
Curvas lateral
Courbure latérale
Curva lateralmente



RUSKIN
33-946-23
23 cm, 9"



SEMB
31-126-22
22 cm, 9"



Bone Rongeurs
Hohlmeißelzangen
Pinzas-gubias
Pinces-gouges
Pinze per ossa



33-950-01
24 cm, 9½"



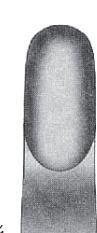
33-950-02
24 cm, 9½"



33-951-01
24 cm, 9½"



33-951-02
24 cm, 9½"



33-952-22
22 cm, 8¾"



33-952-22
22 cm, 8¾"



33-953-01
23 cm, 9"
2 mm



33-953-02
23 cm, 9"
3 mm



LEKSELL-STILLE
33-950-01
33-950-02

Laterally curved
S seitwärts gebogen
Curvas lateral
Courbure latérale
Curva lateralmente



FRYKHOLM
33-951-01
33-951-02

Laterally curved
S seitwärts gebogen
Curvas lateral
Courbure latérale
Curva lateralmente



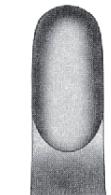
LUER-STILLE
33-952-22
33-952-22



ECHLIN
33-953-01
33-953-03



Bone Rongeurs
Hohlmeißelzangen
Pinzas-gubias
Pince-gouges
Pinze per ossa



33-955-22
22 cm, 8 3/4"



33-955-22
22 cm, 8 3/4"



33-956-23
23 cm, 9"



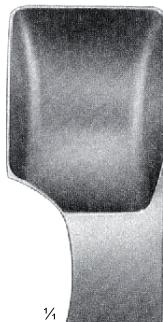
33-957-23
23 cm, 9"

33-956-27
27 cm, 10 1/2"

33-957-27
27 cm, 10 1/2"



33-958-01
30 cm, 12"



33-958-02
30 cm, 12"



LUER-STILLE
33-954-22
33-955-22



LUER-STILLE
33-956-23
33-957-27



SAUERBRUCH
33-958-01
33-958-02



Bone Cutting Forceps

Knochensplitterzangen

Pinzas cortantes para huesos

Pince coupantes

Cesoie per ossa



MARKWALDER
31-126-20
20 cm, 8"



LITTAUER-LISTON
33-962-15
15.5 cm, 6"



COTTE
33-964-19
19 cm, 7 1/2"



33-966-14
14 cm, 5 1/2"



33-966-17
17 cm, 6 3/4"



33-967-14
14 cm, 5 1/2"



33-967-17
17 cm, 6 3/4"



LISTON
33-966-14
33-966-22



33-966-19
19 cm, 7 1/2"



33-966-22
22 cm, 8 3/4"



LISTON
33-967-14
33-967-22



33-967-19
19 cm, 7 1/2"



33-967-22
22 cm, 8 3/4"



Bone Cutting Forceps
Knochensplitterzangen
Pinzas cortantes para huesos
Pince coupantes
Cesoie per ossa

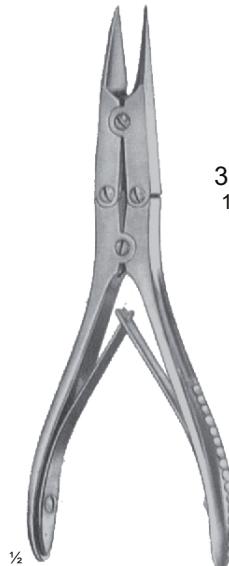


CLEVELAND
33-968-01
33-968-02



33-968-01
15 cm, 6"

33-968-02
17 cm, 6 3/4"



BOHLER
33-970-01
33-970-02



33-970-01
15 cm, 5 3/4"



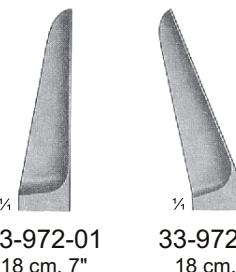
33-970-02
15 cm, 5 3/4"



McINDOE
33-971-15
15 cm, 5 3/4"



RUSKIN
33-972-01
33-972-02



33-972-01
18 cm, 7"



33-972-02
18 cm, 7"



RUSKIN-LISTON
33-973-01
33-973-02



33-973-01
18,5 cm, 7 1/4"
33-973-02
18,5 cm, 7 1/4"



Bone Cutting Forceps

Knochensplitterzangen

Pinzas cortantes para huesos

Pince coupantes

Cesoie per ossa



33-975-01
24 cm, 9½"



33-975-02
24 cm, 9½"



½

31-132-27
23 cm, 9¼"



31-133-27
27 cm, 10¾"



LISTON
33-975-01
33-975-02



STILLE-LISTON
31-130-27
27 cm, 10½"



STILLE-LISTON
31-132-27
31-133-27



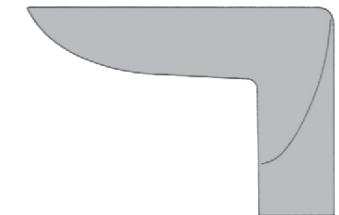
Bone Cutting Forceps

Knochensplitterzangen

Pinzas cortantes para huesos

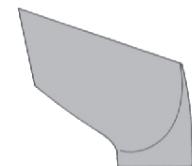
Pince coupantes

Cesoie per ossa



LISTON-STILLE

33-978-27
27 cm, 10½"



LISTON-KEY-HORSLEY

31-133-27
27 cm, 10½"

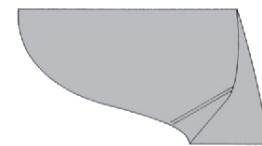
Bone Cutting forceps, S - shaped, for posterior rib stumps

Knochensplitterzange, doppelt gebogen,
für hintere Rippenstümpfe

Pinza cortante para huesos, doble curvada,
para los muñones de las costillas posteriores

Pince coupantes à os, double courbure pour
extrémité des côtes postérieures

Cesoie per ossa, ad., "s" per estremità delle
costole posteriori



SEMB

31-137-24
24 cm, 9½"

Bone cutting forceps, curved sideways, for anterior rib stumps

Knochensplitterzange, seitwärts gebogen,
für vordere Rippenstümpfe

Pinza cortante para huesos, curvada lateral,
para los muñones de las costillas anteriores

Pince coupantes à os, courbure latérale
pour extrémité des côtes antérieure per le
estremità delle costole anteriori

**Finger Ring Saws**

Fingerringägen
Sierras para abrir anillos
Scies pour bagues
Seghe per anelli

Finger Nail Instruments

Fingernagel-Instrumente
Instrumentos para uñas
Instruments à ongles
Strumenti per unghie



033



33-990-01

33-990-16
16 cm, 6 1/4"

Finger ring saw
Fingerringääge
Sierra para abrir anillos
Scie pour bagues
Segha per anelli



33-991-01

33-991-16
16,5 cm, 6 1/2"

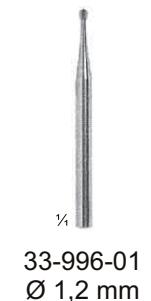
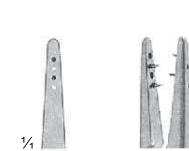
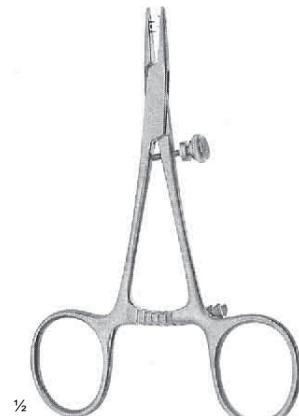
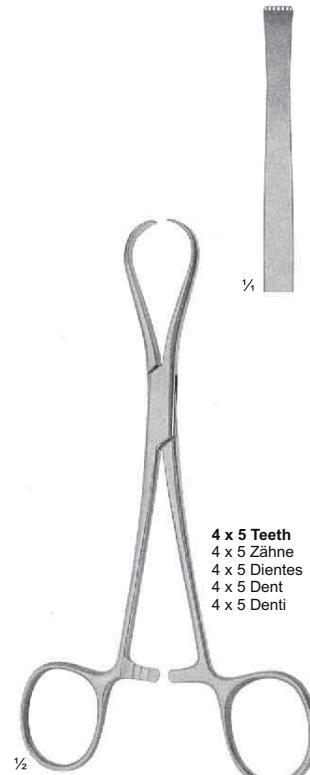
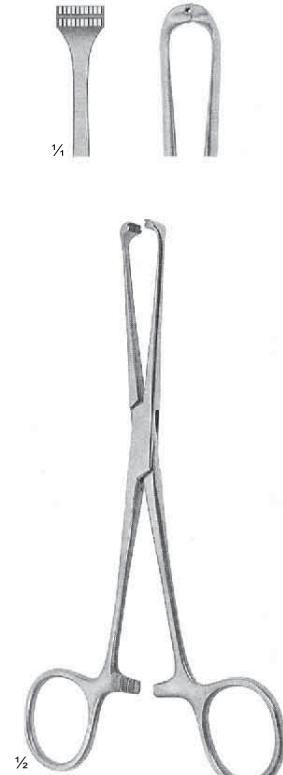
Finger ring saw
Fingerringääge
Sierra para abrir anillos
Scie pour bagues
Segha per anelli

33-992-13
13 cm, 5"

Nail splitting forceps
Nagelspaltzange
Pinza corta-uñas
Pinca à ongles
Pinza per unghie

33-994-13
13,5 cm, 5 1/4"

Nail extracting forceps
Nagelausreißzange
Pinza arranca-uñas
Pince pour extraction des ongles
Pinza per estrazione delle unghie

33-996-01
Ø 1,2 mm33-996-02
Ø 1,6 mm33-996-01
33-996-0333-996-03
Ø 2,0 mm33-997-13
13 cm, 5"JACKSON
33-998-15
15,5 cm, 6"STEINMANN
33-999-16
16 cm, 6 1/2"

035



Bone Surgery
Knochenchirurgie
Cirugía ósea
Chirurgie osseuse
Chirurgia ossea



Wire Holding Forceps

Drahtfaßzangen

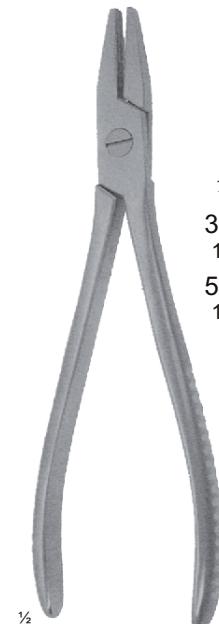
Pinzas para extraer alambres

Pinces tire-broches

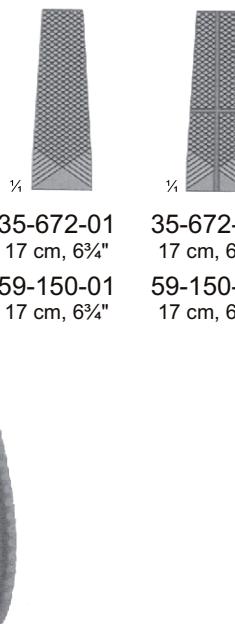
Pinze porta cavo



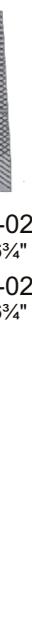
35-670-16
16 cm, 6 1/4"



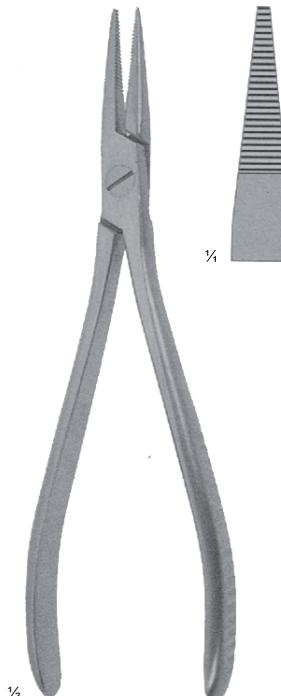
35-672-01
35-672-02



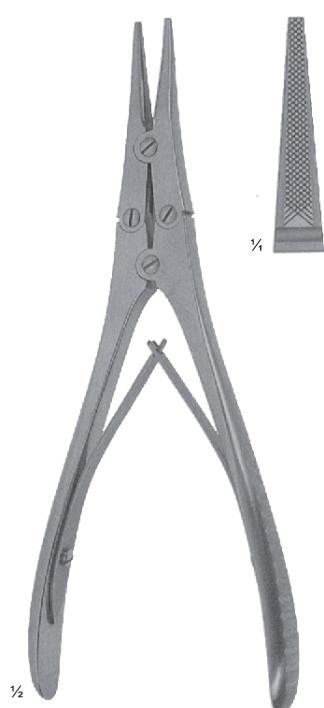
35-672-01
17 cm, 6 3/4"
59-150-01
17 cm, 6 3/4"



35-672-02
17 cm, 6 3/4"
59-150-02
17 cm, 6 3/4"



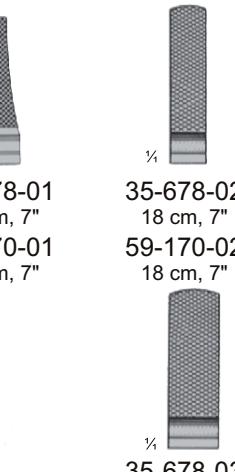
35-674-19
19 cm, 7 1/2"



35-676-18
18 cm, 7"



35-678-01
35-678-03



35-678-01
18 cm, 7"
59-170-01
18 cm, 7"
35-678-02
18 cm, 7"
59-170-02
18 cm, 7"
35-678-03
18 cm, 7"
59-170-03
18 cm, 7"



59-170-01
59-170-02
59-170-03
35-690-01
35-690-03



59-180-01
59-180-02
59-180-03
35-690-02
35-690-03
59-180-02
59-180-03



Wire Twisting Forceps with tungsten carbide inserts

Drahtspannzangen mit Hartmetalleinlagen

Pinzas cierra-hilos con bocas de carburo tungsteno

Pince serre-fil avec mors en tungstène

Pinze gira cavo con morsi in carburo di tungsteno

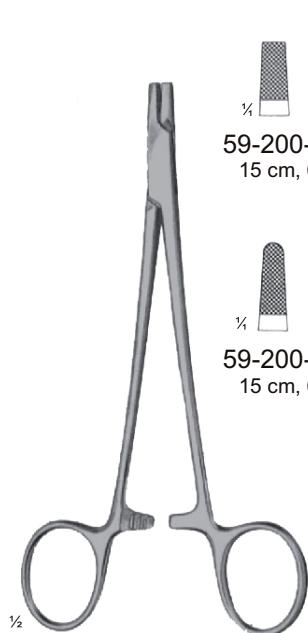


GRINED



ROCK GRIP

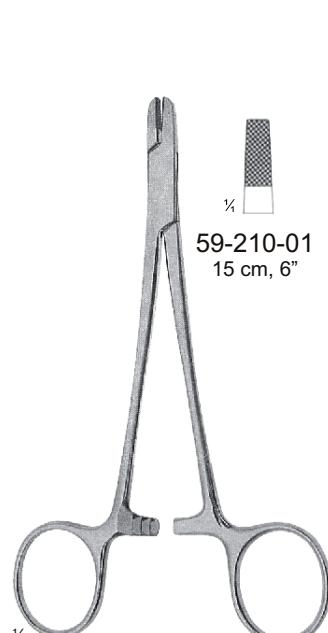
035



59-200-01
59-200-04

59-200-01 15 cm, 6"
59-200-02 15 cm, 6"

59-200-03 15 cm, 6"
59-200-04 15 cm, 6"



59-210-01
5-210-02

59-210-01 15 cm, 6"
59-210-02 15 cm, 6"



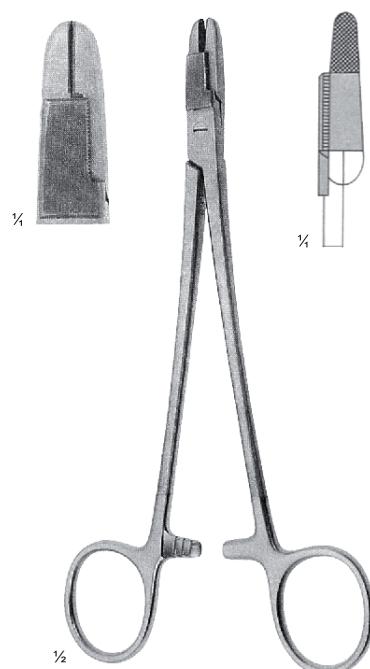
CROWIN-HEGAR
59-220-16
16 cm, 6 1/4"



MARTIN
59-230-15
15 cm, 6"



59-240-18
18,5 cm, 7 1/4"



59-250-18
18 cm, 7 1/4"



Wire Twisting Forceps with tungsten carbide inserts

Drahtspannzangen mit Hartmetalleinlagen

Pinzas cierra-hilos con bocas de carburo tungsteno

Pince serre-fil avec mors en tungstène

Pinze gira cavo con morsi in carburo di tungsteno



35-700-17
17 cm, 6½"



35-702-18
18 cm, 7"



35-710-16
16 cm, 6⅓"



35-712-15
15 cm, 6"



35-716-14
14,5 cm, 5⅔"



Wire Cutting Scissors
Drahtscheren
Cizallas Corta-alambres
pinces coupe-fils
Forbici taglia cavo



ROCK CUT

035



BEEBEE
35-750-10
35-753-10



35-750-10
10 cm, 4"
35-772-10
10 cm, 4"



35-751-12
12 cm, 4¾"
35-753-12
12 cm, 4¾"

For soft wire up to diam.
für weichen Draht bis ø
para blandos hasta un diam. de
pour couper les fils moux jusqu'à ø
per cavi leggeri con ø superiore a

0,4 mm

For hard wire up to diam.
für harten Draht bis ø
para duros hasta un diam. de
pour couper les fils durs jusqu'à ø
per cavi duri con ø superiore a

0,3 mm

35-752-10
35-753-12
1 blade serrated
1 blatt gezahnt
1 hoja dentada
1 lame dentelée
1 lama dentata



UNIVERSAL
35-760-12
12 cm, 4¾"

for soft wire up to diam.
für weichen Draht bis ø
para blandos hasta un diam. de
pour couper les fils moux jusqu'à ø
per cavi leggeri con ø superiore a

1,2 mm

for hard wire up to diam.
für harten Draht bis ø
para duros hasta un diam. de
pour couper les fils durs jusqu'à ø
per cavi duri con ø superiore a

0,8 mm



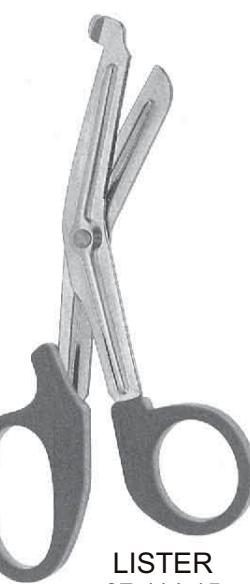
UNIVERSAL
51-296-12
12 cm, 5"

for soft wire up to diam.
für weichen Draht bis ø
para blandos hasta un diam. de
pour couper les fils moux jusqu'à ø
per cavi leggeri con ø superiore a

1,2 mm

for hard wire up to diam.
für harten Draht bis ø
para duros hasta un diam. de
pour couper les fils durs jusqu'à ø
per cavi duri con ø superiore a

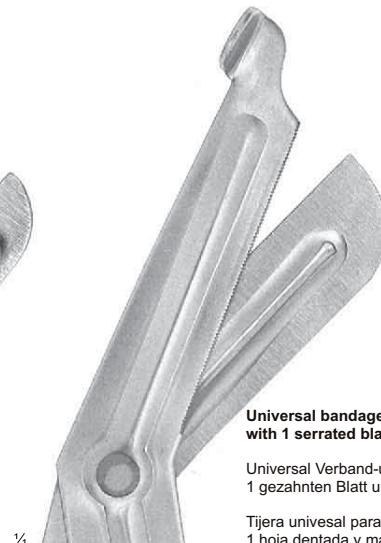
0,8 mm



LISTER
37-114-15
37-114-18



37-114-15
15 cm, 6"



37-114-18
18 cm, 7"

Universal bandage and cloth scissors, made of acid-proof stainless steel,
with 1 serrated blade and plastic handles, autoclavable up to 134°C.

Universal Verband- und Kleiderstoffschere aus rostfreiem, säurebeständigem Stahl, mit
1 gezähnten Blatt und Kunststoffgriffen, bis 134°C im Autoklaven sterilisierbar.

Tijera universal para vendajes y tela, acero inoxidable y reaí-stente a los ácidos, con
1 hoja dentada y mangos de plástico, esterilizable en autoclave hasta 134°C.

Ciseaux universels pour étoffes en acier inox, avec 1 lame
crantée et anneaux en plastique, autoclavables à 134°C.

Cesoe per bendaggi e vestiti, in acciaio inox resistente agli acidi con 1 lama dentata,
manico in plastica, sterilizzabile in autoclave fino 134°C.



Wire Cutters
Drahtkneifzangen
Alicates corta-alambres
Pinces à couper le fil
Tenaglie tagliafili



ROCK CUT

035



35-780-11
11 cm, 4½"
35-780-13
13 cm, 5"
35-780-15
15 cm, 6"



35-790-18
18,5 cm, 7¼"



59-526-18
18 cm, 7"



59-530-16
16 cm, 5½"



59-532-22
22 cm, 8¾"



35-800-23
23,5 cm, 9¼"



Wire Cutters

Drahtkneifzangen

Alicates corta-alambres

Pinces à couper le fil

Tenaglie tagliafili



ROCK CUT

035



35-810-16
16 cm, 6 $\frac{1}{4}$ "



35-812-16
16 cm, 6¼"



35-814-23
23 cm, 9"



35-818-48 48 cm, 18 $\frac{3}{4}$ "
35-818-54 54 cm, 21 $\frac{1}{4}$ "

59-550-48 48 cm, 18 $\frac{3}{4}$ "
59-550-54 54 cm, 21 $\frac{1}{4}$ "

**Wire Guides**

Drahtumführungsneedeln
Agujas pasa-hilos
Aiguilles passe-fils
Aghi passafili



035



DEMEL
35-820-27
35-820-30
 $\frac{1}{2}$

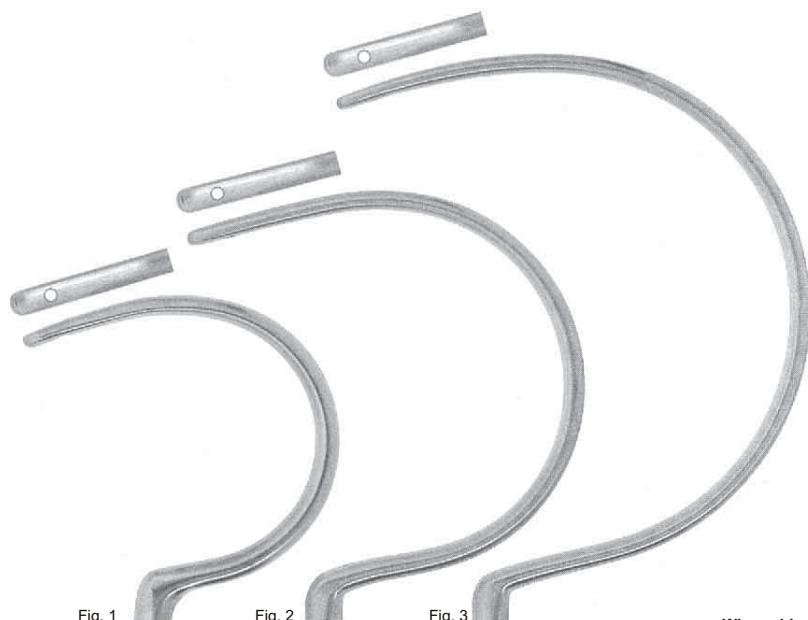


Fig. 1

35-820-27
27,5 cm, 10 $\frac{1}{4}$ "

35-820-28
28,5 cm, 11 $\frac{1}{4}$ "

35-820-30
30,5 cm, 12"

Wire guides
Drahtumführungsneedeln
Agujas pasa hilos
Aiguilles passe-fils
Guida cavo



Fig. 1

35-822-24
24 cm, 9 $\frac{1}{2}$ "

Hollow,sharp
Hohl,spitz
Hueco,agudo
Creux,pointu
Cavo,acuto

35-822-24
35-822-27

35-822-27

Fig. 2

35-822-27
27 cm, 10 $\frac{1}{4}$ "

Hollow,sharp
Hohl,spitz
Hueco,agudo
Creux,pointu
Cavo,acuto

Hollow,sharp
Hohl,spitz
Hueco,agudo
Creux,pointu
Cavo,acuto

35-823-22
22,5 cm, 9"

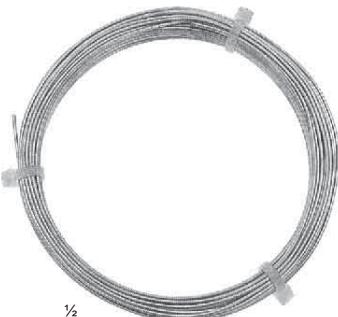




Wire Traction Bows
Extensionsbügel
Estríbos para extensión
Etriers à extension
Archi per trazione



035



½

| mm ø | malleabile |
|------|------------|
| 0,2 | 35-825-01 |
| 0,3 | 35-825-02 |
| 0,4 | 35-825-03 |
| 0,5 | 35-825-04 |
| | |
| 0,6 | 35-825-05 |
| 0,7 | 35-825-06 |
| 0,8 | 35-825-07 |
| 0,9 | 35-825-08 |
| | |
| 1,0 | 35-825-09 |
| 1,2 | 35-825-10 |
| 1,5 | 35-825-11 |



LOUTE
35-830-21
21 cm, 8¼"

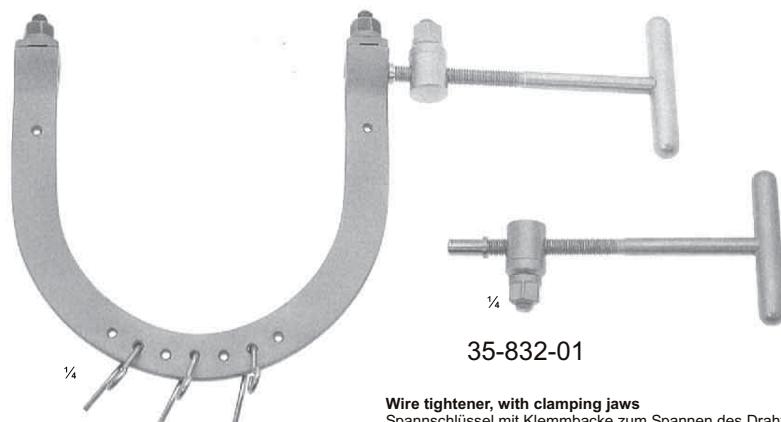
Wire tightener, with movable tip, for wires up to 1.0 mm diam.

Drahtspanner mit an der spitze eingebauter beweglicher Drahtspannbüchse für Cerclage-dähte bis ø 1 mm

Tensor cierra-hilo con manguito móvil en la punta, para hilos de cerclaje hasta ø 1 mm

Serre-fil avec manche mobile intégré à la pointe pour fil de cerclage jusqu'à ø 1 mm

Trenditore serra filo con manico mobile sulla punta, per fili di cerchiaggio da 1 mm. di ø



35-832-01

Wire tightener, with clamping jaws

Spannschlüssel mit Klemmbacken,zum Spannen des Drahtes
Tensor de alambres
Tendeur de broches avec mors clampants
Strumento tenditore con morso a presa

| Depth | Width |
|-------------|-------------------|
| Tiefe | Weite |
| Profundidad | Anchura interior |
| Profondité | Largeur ouverte |
| Profondità | Larghezza interna |

| Applikation |
|--------------|
| Anwendung |
| Aplicación |
| Application |
| Applicazione |

| | | | | | | | |
|-----------|-------------|-------------|---------------|--------------------|--------------|-----------------|------------------|
| 35-830-01 | 95 mm, 3¾" | 70 mm, 2¾" | Arm and elbow | Arm und Ellenbogen | Brazy y code | Bras et poignet | Braccio e gomito |
| 35-830-02 | 95 mm, 3¾" | 110 mm, 4¾" | calcaneus | Fersenbein | clacáneo | calcaneum | calgagno |
| 35-830-03 | 105 mm, 4⅓" | 100 mm, 4" | knee | Knie | rodilla | genou | ginocchio |
| 35-830-04 | 120 mm, 4¾" | 120 mm, 4¾" | knee | Knie | rodilla | genou | ginocchio |
| 35-830-05 | 135 mm, 5¼" | 130 mm, 5¼" | knee | Knie | rodilla | genou | ginocchio |
| 35-830-06 | 155 mm, 6" | 155 mm, 6" | femur | Oberschenkel | fémur | fémur | femore |
| 35-830-07 | 200 mm, 8" | 155 mm, 6" | hip | Hüfte | coxa | hanche | anca |

Wire traction bow with 3 traction hooks, to be used with KIRSCHNER wires up to 2,5 mm diam.

Extensionsbügel mit 3 Zughaken, zur Verwendung mit KIRSCHNER Drähten bis ø 2,5 mm diam.

Estríbos para extensión con 3 ganchos de tracción, para agujas de KIRSCHNER hasta ø 2,5 mm

Estriers à extension avec 3 crochets de traction, pour broches KIRSCHNER ø 2,5 mm

Archi per trazion con 3 ganci di trazione, da impiegarsi con fili KIRSCHNER superiori a 2,5 mm di ø



Wire Traction Bows
Extensionsbügel
Estríbos para extensión
Etriers à extension
Archi per trazione



035



KIRSCHNER

| | cm | in |
|-----------|----|-----|
| 35-836-01 | 20 | 8 |
| 35-836-02 | 27 | 10½ |
| 35-836-03 | 33 | 13 |
| 35-836-04 | 38 | 15 |

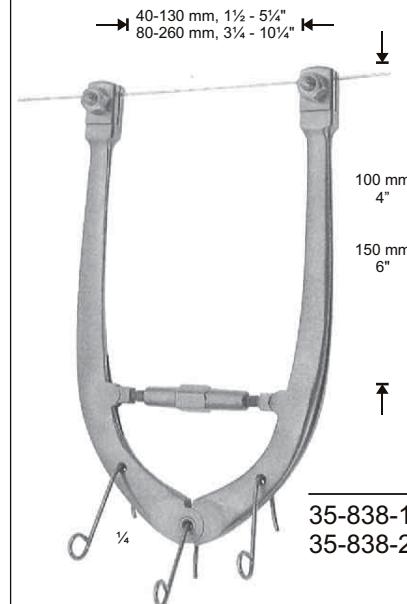
Wire traction bow with 3 traction hooks, to be used with KIRSCHNER wires up to Ø 1,6 mm
Ø 2,0 mm Ø 2,5 mm adjustable, hold wire securely

Extensionsbügel mit 3 Zughaken, zur Verwendung mit KIRSCHNER drähten bis Ø 1,6 mm
Ø 2,0 mm, Ø 2,5 mm verstellbar, selbsthemmend

Estríbo para extensión con 3 ganchos de tracción, para agujas de KIRSCHNER hasta Ø 1,6 mm
Ø 2 mm, Ø 2,5 mm, ajustable, sujeto seguro de la aguja

Etrier à extension avec 3 crochets de traction, pour broches KIRCHNER Ø 1,6 mm
Ø 2 mm, Ø 2,5 mm, réglable, avec blocage des broches

Archi per trazione con 3 ganci di trazione, da impiegarsi con fili KIRSCHNER superiori a Ø 1,6 mm
Ø 2 mm, Ø 2,5 mm, regolabile, fili in sicurezza



| | cm | in |
|-----------|-------|--------|
| 35-838-18 | 18x10 | 7x4 |
| 35-838-27 | 27x16 | 10½x6¼ |

Wire traction bow with 3 traction hooks, to be used with KIRSCHNER wires
up to Ø 2 mm diam, Ø 2,5 mm diam, adjustable

Extensionsbügel mit 3 Zughaken, zur Verwendung mit KIRSCHNER
Drähten bis Ø 2 mm, Ø 2,5 mm verstellbar

Estríbo para extensión con 3 gancho de tracción, para agujas de KIRSCHNER
hasta Ø 2 mm, 2,5 mm ajustable

Etrier à extension avec 1 crochet de traction, pour broches KIRSCHNER
Ø 2 mm, 2,5 mm, réglable

Archi per trazione con 1 ganci di trazione, da impiegarsi con fili KIRSCHNER
superiori a 2 mm di Ø 2 mm di Ø regolabile

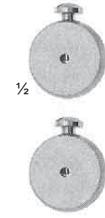
Fixation discs
Begrenzungsplatten
Discos de fijación
Disques de fixation
Dischi di fissaggio



35-842-01

Pair, Paar, Par, Paire, Paio

Fixation discs for drill wires
Fixierscheiben für Bohdrähte
Discos fijadores para taladros filiformes
Disques de fixation pour broches
Dischi fissatori per i perforatori filiformi



35-842-02

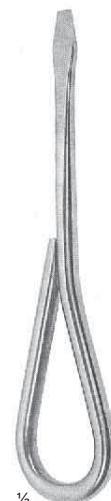
Pair, Paar, Par, Paire, Paio



Screw nut wrench
Mutternschlüssel
Llave de tuercas
Clé de serrage
Chiave per madreviti

35-842-05
19 cm, 7½"

Screw driver
Schraubendreher
Atornillador
Tourne-vis
Cacciavite



35-842-06



Wire Traction Bows
Extensionsbügel
Estríbos para extensión
Etriers à extension
Archi per trazione



035



KIRSCHNER

| | cm | in |
|-----------|----|-----|
| 35-840-01 | 20 | 8 |
| 35-840-02 | 27 | 10½ |
| 35-840-03 | 33 | 13 |
| 35-840-04 | 38 | 15 |

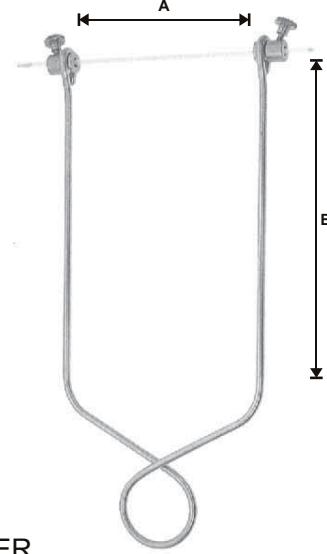
Wire traction bow with 3 traction hooks, to be used with KIRSCHNER wires up to ø 1,6 mm
ø 2,0 mm ø 2,5 mm adjustable, hold wire securely

Extensionsbügel mit 3 Zughaken, zur Verwendung mit KIRSCHNER drähten bis ø 1,6 mm
ø 2,0 mm, ø 2,5 mm verstellbar, selbsthemmend

Estríbo para extensión con 3 ganchos de tracción, para agujas de KIRSCHNER hasta ø 1,6 mm
ø 2 mm, ø 2,5 mm, ajustable, sujeto seguro de la aguja

Etrier à extension avec 3 crochets de traction, pour broches KIRCHNER ø 1,6 mm
ø 2 mm, ø 2,5 mm, réglable, avec blocage des broches

Archi per trazione con 3 ganci di trazione, da impiegarsi con fili KIRSCHNER superiori a ø 1,6 mm
ø 2 mm, ø 2,5 mm, regolabile, fili in sicurezza



BOHLER

35-842-01
160 x 190 mm
6½" x 7½"

Wire tractoin bow for arm, to be used with STEINMANN pins,
ø 4 mm diam.

Extensionsbügel für Arm, zur Verwendung von STEINMANN Nägele ø 4 mm

Estríbo para extensión de brazo,
para clavos de STEINMANN ø mm diam.

Etrier de traction pour bras, utilisé ø 4 mm

Etrier de traction pour bras, utilisé avec clou de STEINMANN ø 4 mm

Cavo per arco di trazione per braccio, da impiegarsi con chiodi STEINMANN, ø 4 mm

35-842-02

210 x 110 mm
8½" x 4¾"

Wire tractoin bow for thigh and knee,
to be used with STEINMANN pins,
4 mm diam.

Extensionsbügel für Oberschenkel und kneie, zur Verwendung von STEINMANN Nägel ø 4 mm

Estríbo para extensión del muslo y de la rodilla, para clavos de STEINMANN ø mm diam.

Etrier de traction pour vras, utilisé ø 4 mm

Etrier de action pour femur et genou, utilisé avec clou de STEINMANN ø 4 mm

Cavo per arco di trazione per coscia e ginocchio, da impiegarsi con chiodi STEINMANN, ø 4 mm

35-842-03

210 x 150 mm
8½" x 6"

Wire tractoin bow for thigh and knee,
to be used with STEINMANN pins,
4 mm diam.

Extensionsbügel für Oberschenkel und kneie, zur Verwendung von STEINMANN Nägel ø 4 mm

Estríbo para extensión del muslo y de la rodilla, para clavos de STEINMANN ø mm diam.

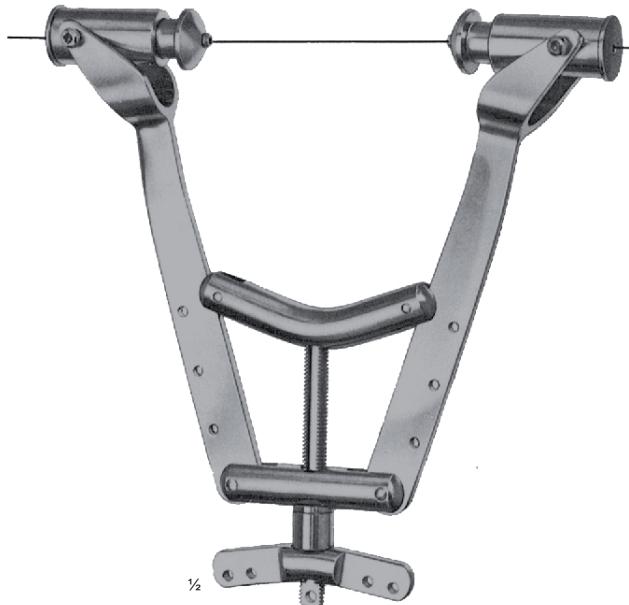
Etrier de traction pour vras, utilisé ø 4 mm

Etrier de action pour femur et genou, utilisé avec clou de STEINMANN ø 4 mm

Cavo per arco di trazione per coscia e ginocchio, da impiegarsi con chiodi STEINMANN, ø 4 mm



Wire Traction Bows
Extensionsbügel
Estríbos para extensión
Etriers à extension
Archi per trazione



SCHRAMBERG
35-844-01
35-844-02
35-844-03



PALMER
35-846-15
15 cm, 6"



PALMER
35-846-17
17,5 cm, 7"

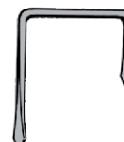


| | Ø 5mm | |
|-----------|--------|-----|
| 35-850-08 | Ø 8cm | 3¼" |
| 35-850-12 | Ø 12cm | 4¾" |
| 35-850-15 | Ø 15cm | 6" |
| 35-850-17 | Ø 17cm | 7" |
| 35-850-20 | Ø 20cm | 8" |
| 35-850-25 | Ø 25cm | 10" |

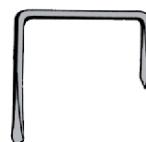
SCHANZ

| | Ø 5mm | |
|-----------|-------|------|
| 35-852-15 | 15cm | 6" |
| 35-852-20 | 20cm | 8" |
| 35-852-25 | 25cm | 10" |
| 35-852-30 | 30cm | 12" |
| 35-852-35 | 35cm | 13¾" |
| 35-852-40 | 40cm | 15¼" |
| 35-852-45 | 45cm | 17¾" |
| 35-852-50 | 50cm | 20" |
| 35-852-55 | 55cm | 21½" |
| 35-852-60 | 60cm | 23½" |
| 35-852-65 | 65cm | 25½" |
| 35-852-70 | 70cm | 27½" |

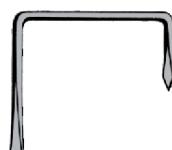
PALMER
1,5 mm ø



35-854-16



35-854-19



35-854-22

WILBERG
35-854-16
35-854-22



STEINMANN Pins
 STEINMANN Nägel
 STEINMANN Clavos
 STEINMANN Clous
 Chiodi STEINMANN

Drill wires
 Bohrdähte
 Taladros filiformes
 Broches filiformes
 Perforatori filiformi



035



| STEINMANN | |
|-----------|-------------|
| 35-860-08 | ø4 x 80 mm |
| 35-860-10 | ø4 x 100 mm |
| 35-860-12 | ø4 x 120 mm |
| 35-860-14 | ø4 x 140 mm |
| 35-860-15 | ø4 x 150 mm |
| 35-860-16 | ø4 x 160 mm |
| 35-860-18 | ø4 x 180 mm |
| 35-860-20 | ø4 x 200 mm |
| 35-860-21 | ø4 x 210 mm |
| 35-860-25 | ø4 x 250 mm |



| 15 cm, 6" | 31 cm, 12 1/4" |
|-----------|----------------|
| 35-664-08 | ø 0,8 mm |
| 35-664-10 | ø 1,0 mm |
| 35-664-12 | ø 1,2 mm |
| 35-664-14 | ø 1,4 mm |
| 35-664-15 | ø 1,5 mm |
| 35-664-16 | ø 1,6 mm |
| 35-664-18 | ø 1,8 mm |
| 35-664-20 | ø 2,0 mm |
| 35-664-22 | ø 2,2 mm |
| 35-664-25 | ø 2,5 mm |
| 35-664-30 | ø 3,0 mm |



| 15 cm, 6" | 31 cm, 12 1/4" |
|-----------|----------------|
| 35-870-08 | ø 0,8 mm |
| 35-870-10 | ø 1,0 mm |
| 35-870-12 | ø 1,2 mm |
| 35-870-14 | ø 1,4 mm |
| 35-870-15 | ø 1,5 mm |
| 35-870-16 | ø 1,6 mm |
| 35-870-18 | ø 1,8 mm |
| 35-870-20 | ø 2,0 mm |
| 35-870-22 | ø 2,2 mm |
| 35-870-25 | ø 2,5 mm |
| 35-870-30 | ø 3,0 mm |



| 10 cm, 4" | 15 cm, 6" | 31 cm, 12 1/4" |
|-----------|-----------|----------------|
| ø 0,8 mm | 35-876-08 | 35-878-08 |
| ø 1,0 mm | 35-876-10 | 35-878-10 |
| ø 1,2 mm | 35-876-12 | 35-878-12 |
| ø 1,4 mm | 35-876-14 | 35-878-14 |
| ø 1,5 mm | 35-876-15 | 35-878-15 |
| ø 1,6 mm | 35-876-16 | 35-878-16 |
| ø 1,8 mm | 35-876-18 | 35-878-18 |
| ø 2,0 mm | 35-876-20 | 35-878-20 |
| ø 2,2 mm | 35-876-22 | 35-878-22 |
| ø 2,5 mm | 35-876-25 | 35-878-25 |
| ø 3,0 mm | 35-876-30 | 35-878-30 |



Intramedullary Pins, round, with hook

Marknägel rund, mit haken

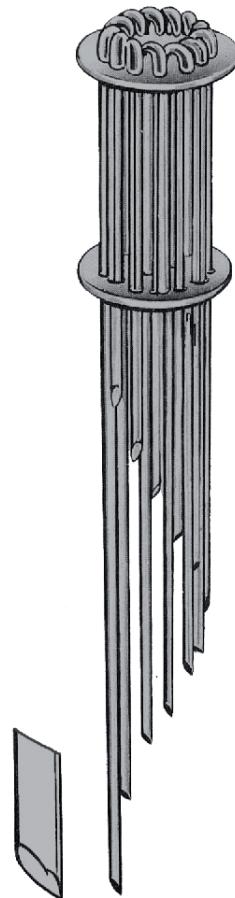
Clavos intramedulares, redondos, con ganchos

Clous médullaires, ronds, avec crochet

Chiodi intamidollari, rotondi, con gancio



035



| Length Länge Largo Longueur Lunghezza mm | 2,5 mm ø | 3,2 mm ø | 4,8 mm ø | 6,4 mm ø |
|--|---------------------------------|---------------------------------|--------------------------------|--------------------------------|
| 25 | 35-890-01 | | | |
| 30 | 35-890-02 | | | |
| 40 | 35-890-03 | | | |
| 45 | 35-890-04 | | | |
| 50 | 35-890-05 | | | |
| 60 | 35-890-06 | | | |
| 65 | 35-890-07 | | | |
| 70 | 35-890-08 | | | |
| 75 | 35-890-09 | | | |
| 85 | 35-890-10 | | | |
| 90 | 35-890-11 | | | |
| 95 | 35-890-12 | | | |
| 100 | 35-890-13 | 35-892-13 | | |
| 115 | 35-890-14 | 35-892-14 | | |
| 125 | 35-890-15 | 35-892-15 | | |
| 140 | 35-890-16 | 35-892-16 | | |
| 150 | 35-890-17 | 35-892-17 | | |
| 165 | 35-890-18 | 35-892-18 | | |
| 180 | 35-890-19 | 35-892-19 | | |
| 190 | 35-890-20 | 35-892-20 | | |
| 205 | 35-890-21 | 35-892-21 | 35-894-21 | |
| 215 | 35-890-22 | 35-892-22 | | |
| 220 | | | 35-894-23 | |
| 235 | | 35-892-24 | | |
| 240 | 35-890-25 | 35-892-25 | 35-894-25 | |
| 250 | | | | |
| 255 | 35-890-27 | 35-892-27 | 35-894-27 | |
| 280 | | | 35-894-28 | 35-896-28 |
| 295 | | | 35-894-29 | 35-896-29 |
| 300 | | | | |
| 315 | | | 35-894-31 | 35-896-31 |
| 335 | | | 35-894-32 | 35-896-32 |
| 355 | | | 35-894-33 | 35-896-33 |
| 375 | | | | 35-896-34 |
| 395 | | | | 35-896-35 |
| 410 | | | | 35-896-36 |
| 430 | | | | 35-896-37 |
| Set with rack Satz mit Halter Juego con soporte Jeu aec porte-clous Set con fermo | 35-890-00 25-100 mm (13) | 35-892-00 100-255 mm (13) | 35-894-00 205-355 mm (9) | 35-896-00 280-430 mm (9) |
| Set with rack Satz mit Halter Juego con soporte Jeu aec porte-clous Set con fermo | 35-891-00 100-255 mm (13) | | | |
| Rack, only Halter, allein Soporte, suelto Porte-clous, seul solo fermo | 35-891-01 2,4 mm | 35-893-01 3,2 mm | 35-895-01 4,8 mm | 35-897-01 6,4 mm |



Küntscher Intramedullary Nails
 Küntscher Nägel für Oberschenkel
 Küntscher Clavos Intramedulares
 Küntscher clous pour fémur
 Chiodi di Küntscher per femore



035

With 1 eye, ,ot 1 Öse, con 1 oja, avec 1 oeillet, con 1 foro



| | | Length Länge Largo Longueur Lunghezza cm in | Fig. 1 ø 6 mm | Fig. 2 ø 7 mm | Fig. 3 ø 8 mm | Fig. 4 ø 9 mm | Fig. 5 ø 10 mm | Fig. 6 ø 11 mm | Fig. 7 ø 12 mm | Fig. 8 ø 13 mm | Fig. 9 ø 14 mm | Fig. 10 ø 15 mm | Fig. 11 ø 16 mm |
|-------|-----|---|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| 18 cm | 7 | 35-900-18 | 35-901-18 | | | | | | | | | | |
| 20 cm | 8 | 35-900-20 | 35-901-20 | | | | | | | | | | |
| 22 cm | 8½ | 35-900-22 | 35-901-22 | | | | | | | | | | |
| 24 cm | 9½ | 35-900-24 | 35-901-24 | 35-902-24 | | | | | | | | | |
| 26 cm | 10¼ | 35-900-26 | 35-901-26 | 35-902-26 | | | | | | | | | |
| 28 cm | 11 | 35-900-28 | 35-901-28 | 35-902-28 | | | | | | | | | |
| 30 cm | 12 | 35-900-30 | 35-901-30 | 35-902-30 | 35-903-30 | | 35-905-30 | | | | | | |
| 32 cm | 12½ | 35-900-32 | 35-901-32 | 35-902-32 | 35-903-32 | 35-904-32 | 35-905-32 | | | | | | |
| 34 cm | 13½ | 35-900-34 | 35-901-34 | 35-902-34 | 35-903-34 | 35-904-34 | 35-905-34 | 35-906-34 | 35-907-34 | 35-908-34 | | | |
| 36 cm | 14 | | 35-901-36 | 35-902-36 | 35-903-36 | 35-904-36 | 35-905-36 | 35-906-36 | 35-907-36 | 35-908-36 | | | |
| 38 cm | 15 | | 35-901-38 | 35-902-38 | 35-903-38 | 35-904-38 | 35-905-38 | 35-906-38 | 35-907-38 | 35-908-38 | 35-909-38 | 35-910-38 | |
| 40 cm | 15¾ | | 35-901-40 | 35-902-40 | 35-903-40 | 35-904-40 | 35-905-40 | 35-906-40 | 35-907-40 | 35-908-40 | 35-909-40 | 35-910-40 | |
| 42 cm | 16½ | | | 35-902-42 | 35-903-42 | 35-904-42 | 35-905-42 | 35-906-42 | 35-907-42 | 35-908-42 | 35-909-42 | 35-910-42 | |
| 44 cm | 17¼ | | | | 35-902-44 | 35-903-44 | 35-904-44 | 35-905-44 | 35-906-44 | 35-907-44 | 35-908-44 | 35-909-44 | 35-910-44 |
| 46 cm | 18 | | | | 35-902-46 | 35-903-46 | 35-904-46 | 35-905-46 | 35-906-46 | 35-907-46 | 35-908-46 | 35-909-46 | 35-910-46 |
| 48 cm | 19 | | | | 35-902-48 | 35-903-48 | 35-904-48 | 35-905-48 | 35-906-48 | 35-907-48 | 35-908-48 | 35-909-48 | 35-910-48 |
| 50 cm | 19¾ | | | | 35-902-50 | 35-903-50 | 35-904-50 | 35-905-50 | 35-906-50 | 35-907-50 | 35-908-50 | 35-909-50 | 35-910-50 |
| 52 cm | 20½ | | | | | 35-903-52 | 35-904-52 | 35-905-52 | 35-906-52 | 35-907-52 | 35-908-52 | 35-909-52 | 35-910-52 |

With 2 eye, ,ot 2 Öse, con 2 oja, avec 2 oeillets, con 2 foro



| | | Length Länge Largo Longueur Lunghezza cm in | Fig. 1 ø 6 mm | Fig. 2 ø 7 mm | Fig. 3 ø 8 mm | Fig. 4 ø 9 mm | Fig. 5 ø 10 mm | Fig. 6 ø 11 mm | Fig. 7 ø 12 mm | Fig. 8 ø 13 mm | Fig. 9 ø 14 mm | Fig. 10 ø 15 mm | Fig. 11 ø 16 mm |
|-------|-----|---|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| 18 cm | 7 | 35-920-18 | 35-921-18 | | | | | | | | | | |
| 20 cm | 8 | 35-920-20 | 35-921-20 | | | | | | | | | | |
| 22 cm | 8½ | 35-920-22 | 35-921-22 | | | | | | | | | | |
| 24 cm | 9½ | 35-920-24 | 35-921-24 | 35-922-24 | | | | | | | | | |
| 26 cm | 10¼ | 35-920-26 | 35-921-26 | 35-922-26 | | | | | | | | | |
| 28 cm | 11 | 35-920-28 | 35-921-28 | 35-922-28 | | | | | | | | | |
| 30 cm | 12 | 35-920-30 | 35-921-30 | 35-922-30 | 35-923-30 | | 35-925-30 | | | | | | |
| 32 cm | 12½ | 35-920-32 | 35-921-32 | 35-922-32 | 35-923-32 | 35-924-32 | 35-925-32 | | | | | | |
| 34 cm | 13½ | 35-920-34 | 35-921-34 | 35-922-34 | 35-923-34 | 35-924-34 | 35-925-34 | 35-926-34 | 35-927-34 | 35-928-34 | | | |
| 36 cm | 14 | | 35-921-36 | 35-922-36 | 35-923-36 | 35-924-36 | 35-925-36 | 35-926-36 | 35-927-36 | 35-928-36 | | 35-930-36 | |
| 38 cm | 15 | | 35-921-38 | 35-922-38 | 35-923-38 | 35-924-38 | 35-925-38 | 35-926-38 | 35-927-38 | 35-928-38 | 35-929-38 | 35-930-38 | |
| 40 cm | 15¾ | | 35-921-40 | 35-922-40 | 35-923-40 | 35-924-40 | 35-925-40 | 35-926-40 | 35-927-40 | 35-928-40 | 35-929-40 | 35-930-40 | |
| 42 cm | 16½ | | | 35-922-42 | 35-923-42 | 35-924-42 | 35-925-42 | 35-926-42 | 35-927-42 | 35-928-42 | 35-929-42 | 35-930-42 | |
| 44 cm | 17¼ | | | | 35-922-44 | 35-923-44 | 35-924-44 | 35-925-44 | 35-926-44 | 35-927-44 | 35-928-44 | 35-929-44 | 35-930-44 |
| 46 cm | 18 | | | | 35-922-46 | 35-923-46 | 35-924-46 | 35-925-46 | 35-926-46 | 35-927-46 | 35-928-46 | 35-929-46 | 35-930-46 |
| 48 cm | 19 | | | | 35-922-48 | 35-923-48 | 35-924-48 | 35-925-48 | 35-926-48 | 35-927-48 | 35-928-48 | 35-929-48 | 35-930-48 |
| 50 cm | 19¾ | | | | 35-922-50 | 35-923-50 | 35-924-50 | 35-925-50 | 35-926-50 | 35-927-50 | 35-928-50 | 35-929-50 | 35-930-50 |
| 52 cm | 20½ | | | | | 35-923-52 | 35-924-52 | 35-925-52 | 35-926-52 | 35-927-52 | 35-928-52 | 35-929-52 | 35-929-52 |



Küntscher Intramedullary Nails

Küntscher Nägel für Oberschenkel und Oberarm
Küntscher Clavos Intramedulares
Küntscher clous pour fémur
Chiodi di Küntscher per femore ed omero



035

With 1 eye, ,ot 1 Öse, con 1 oja, avec 1 oeillet, con 1 foro



| Length Länge Largo Longueur Lunghezza | | Fig. 1 ø 6 mm | Fig. 2 ø 7 mm | Fig. 3 ø 8 mm | Fig. 4 ø 9 mm | Fig. 5 ø 10 mm | Fig. 6 ø 11 mm | Fig. 7 ø 12 mm | Fig. 8 ø 13 mm | Fig. 9 ø 14 mm |
|---|-----|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| cm | in | | | | | | | | | |
| 18 cm | 7 | 35-940-18 | 35-941-18 | 35-942-18 | 35-943-18 | 35-944-18 | 35-945-18 | | | |
| 19 cm | 7½ | | 35-941-19 | 35-942-19 | 35-943-19 | 35-944-19 | 35-945-19 | | | |
| 20 cm | 8 | 35-940-20 | 35-941-20 | 35-942-20 | 35-943-20 | 35-944-20 | 35-945-20 | | | |
| 21 cm | 8¼ | | 35-941-21 | 35-942-21 | 35-943-21 | 35-944-21 | 35-945-21 | | | |
| 22 cm | 8½ | 35-940-22 | 35-941-22 | 35-942-22 | 35-943-22 | 35-944-22 | 35-945-22 | | | |
| 23 cm | 9 | | 35-941-23 | 35-942-23 | 35-943-23 | 35-944-23 | 35-945-23 | | | |
| 24 cm | 9½ | 35-940-24 | 35-941-24 | 35-942-24 | 35-943-24 | 35-944-24 | 35-945-24 | 35-946-24 | | |
| 25 cm | 10 | | 35-941-25 | 35-942-25 | 35-943-25 | 35-944-25 | 35-945-25 | 35-946-25 | | |
| 26 cm | 10¼ | 35-940-26 | 35-941-26 | 35-942-26 | 35-943-26 | 35-944-26 | 35-945-26 | 35-946-26 | | |
| 27 cm | 10¾ | | 35-941-27 | 35-942-27 | 35-943-27 | 35-944-27 | 35-945-27 | 35-946-27 | 35-947-27 | |
| 28 cm | 11 | 35-940-28 | 35-941-28 | 35-942-28 | 35-943-28 | 35-944-28 | 35-945-28 | 35-946-28 | 35-947-28 | |
| 29 cm | 11½ | | 35-941-29 | 35-942-29 | 35-943-29 | 35-944-29 | 35-945-29 | 35-946-29 | 35-947-29 | |
| 30 cm | 12 | 35-940-30 | 35-941-30 | 35-942-30 | 35-943-30 | 35-944-30 | 35-945-30 | 35-946-30 | 35-947-30 | 35-948-30 |
| 31 cm | 12¼ | | 35-941-31 | 35-942-31 | 35-943-31 | 35-944-31 | 35-945-31 | 35-946-31 | 35-947-31 | 35-948-31 |
| 32 cm | 12½ | | 35-941-32 | 35-942-32 | 35-943-32 | 35-944-32 | 35-945-32 | 35-946-32 | 35-947-32 | 35-948-32 |
| 33 cm | 13 | | 35-941-33 | 35-942-33 | 35-943-33 | 35-944-33 | 35-945-33 | 35-946-33 | 35-947-33 | 35-948-33 |
| 34 cm | 13½ | | 35-941-34 | 35-942-34 | 35-943-34 | 35-944-34 | 35-945-34 | 35-946-34 | 35-947-34 | 35-948-34 |
| 35 cm | 13¾ | | 35-941-35 | 35-942-35 | 35-943-35 | 35-944-35 | 35-945-35 | 35-946-35 | 35-947-35 | 35-948-35 |
| 36 cm | 14 | | 35-941-36 | 35-942-36 | 35-943-36 | 35-944-36 | 35-945-36 | 35-946-36 | 35-947-36 | 35-948-36 |
| 37 cm | 14½ | | 35-941-37 | 35-942-37 | 35-943-37 | 35-944-37 | 35-945-37 | 35-946-37 | 35-947-37 | 35-948-37 |
| 38 cm | 15 | | 35-941-38 | 35-942-38 | 35-943-38 | 35-944-38 | 35-945-38 | 35-946-38 | 35-947-38 | 35-948-38 |
| 39 cm | 15½ | | 35-941-39 | 35-942-39 | 35-943-39 | 35-944-39 | 35-945-39 | 35-946-39 | 35-947-39 | 35-948-39 |
| 40 cm | 15¾ | | 35-941-40 | 35-942-40 | 35-943-40 | 35-944-40 | 35-945-40 | 35-946-40 | 35-947-40 | 35-948-40 |



Instruments for küntscher Nails
Instrumentarium für küntscher Nägel
Instrumentos para Clavos Küntscher
Instruments pour clous de Küntscher
Strumentario per chiodi di Küntscher



KÜNTSCHER
35-950-08 08 mm
35-950-10 10 mm

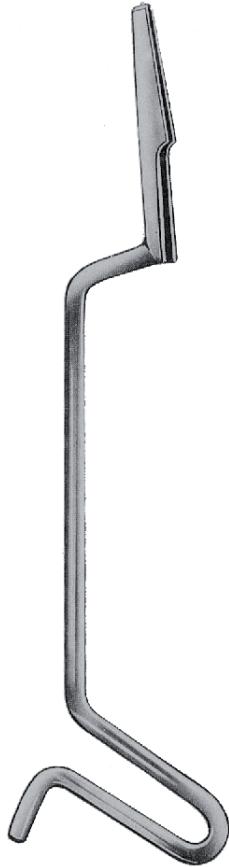
**Reamers for medullary
cave**

Vorbohrer zum Öffnen
der Markhöhle

Perforadores para la
cavidad medular

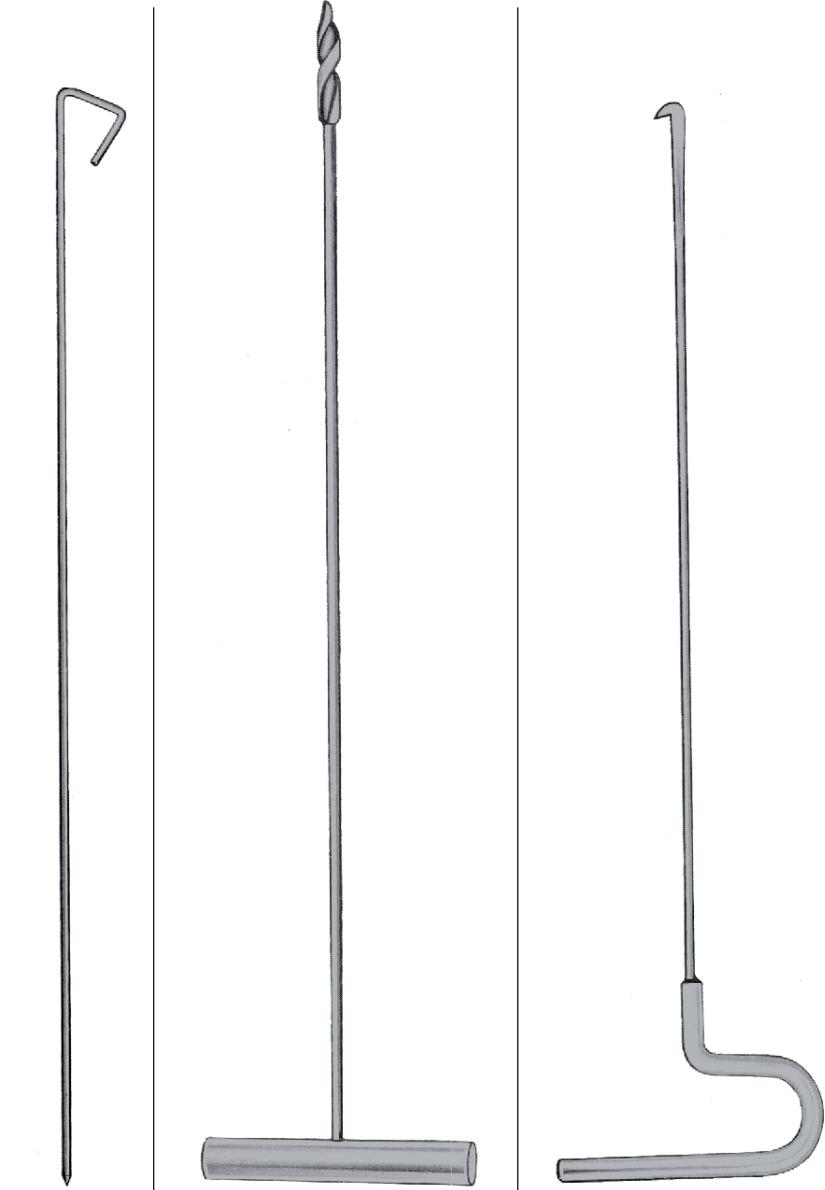
Trépans pour l'ouverture
de la cavité à moelle

Alesatore per l' apertura
del midollo



KÜNTSCHER
35-952-00

Reamer for femur
Aufreiber für Oberschenkel
Perforador para fémur
Dilatateur pour fémur
Alesatore per femore



35-956-30
ø 3,0 mm
35-956-35
ø 3,5 mm
35-956-40
ø 4,0 mm
35-956-50
ø 5,0 mm

| ø mm | ø mm |
|------|--------------|
| 06 | 35-960-06 |
| 07 | 35-960-07 |
| 08 | 35-960-08 |
| 09 | 35-960-09 |
| 10 | 35-960-10 |
| 11 | 35-960-11 |
| 12 | 35-960-12 |
| 13 | 35-960-13 |
| | 14 35-960-14 |
| | 15 35-960-15 |
| | 16 35-960-16 |
| | 17 35-960-17 |
| | 18 35-960-18 |
| | 19 35-960-19 |
| | 20 35-960-20 |

Guide pins
Führungsspieße
Guia-conductoas para
clavos medulares
Pointe-guides
Guida

Intramedullary drills
Markraumbohrer
Perforadores medulares
Trépans médullaires
Punte intramidollare

| | |
|------|-------------|
| ø mm | ø mm |
| 29 | 35-962-29 |
| 37 | 35-962-37 |
| 43 | 35-962-43 |
| 51 | 35-962-51 |
| | 29 cm, 11½" |
| | 37 cm, 14½" |
| | 43 cm, 17" |
| | 51 cm, 20" |

Extraction hooks
Extraktionschaken
Ganchos extractores
Crocets d'extraction
Gancio d'estrazione



Instruments for küntscher Nails
Instrumentarium für Küntscher Nägel
Instrumentos para Clavos Küntscher
Instruments pour clous de Küntscher
Strumentario per chiodi di Küntscher



035



SCHLITZHAMMER
35-970-29
29 cm, 11½"

Slotted hammer
Schlitzhammer
Martillo con ranura
Marteau avec fente
Martello con fessura



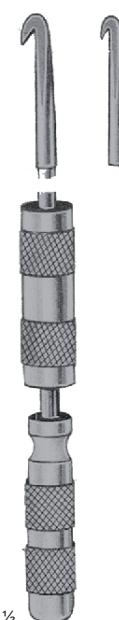
VARSCHLAGER
35-972-20
20 cm, 8"

Nail driver
Vorschläger
Impactor
Impacteur
Impattatore



FERTIGSCHLAGER
35-976-01 8mm
35-976-02 12mm
35-976-03 17mm
19 cm, 7½"

Nail impactors
Fertigschläger
Impactor final
Impacteurs finaux
Impattatore finale



35-978-29

Nail extractor with 2 hooks
Extraktor mit 2 Haken
Aparato extractor con 2 ganchos
Extracteur avec 2 crochets
Estrattore con 2 ganci