

Knochenchirurgie-Instrumente
Bone Surgery Instruments
Instrumentation pour la Chirurgie Osseuse
Instrumental para la cirugía ósea





Charrière

HB 3400-00
 35,0 cm/14"

Ersatzsägeblatt
 Spare saw blade
 Lame scie de rechange
 Hoja de sierra de repuesto

HB 3400-12 12 mm
 HB 3400-15 15 mm
 HB 3400-18 18 mm



Satterlee

HB 3401-00
 29,0 cm/11½"

Ersatzsägeblatt
 Spare saw blade
 Lame scie de rechange
 Hoja de sierra de repuesto

HB 3401-20



Langenbeck

HB 3402
 23,0 cm/9"



Charrière

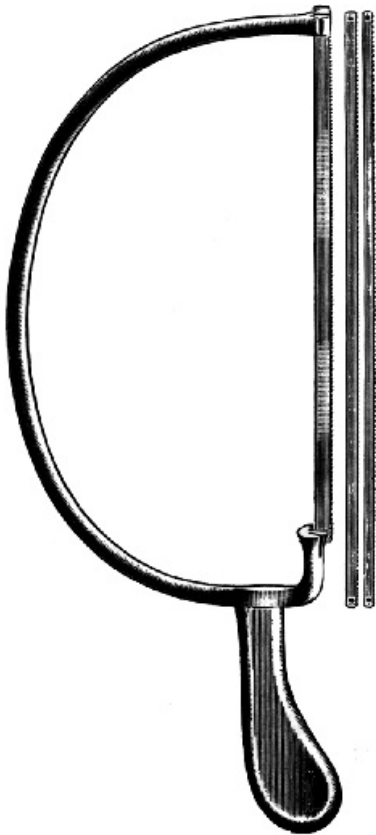
HB 3403-27 27,0 cm/10½"
 HB 3403-30 30,0 cm/12"
 HB 3403-34 34,0 cm/13½"

Ersatzsägeblatt
 Spare saw blade
 Lame scie de rechange
 Hoja de sierra de repuesto

HB 3403-65 15 cm
 HB 3403-70 20 cm
 HB 3403-75 25 cm

Amputations- und Resektionssägen
Amputating and Resection Saws
Scies à amputation et à resection
Sierras para amputación y resección

Amputationsretraktor
Amputating Retractor
Rétracteur à amputation
Retractor para amputación

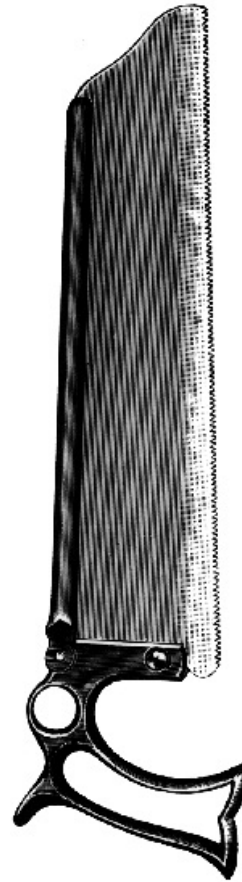


Heferich-Bier

HB 3404-00
 39,0 cm/15½"

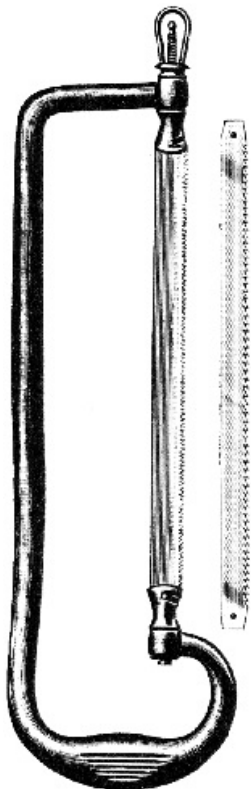
Ersatzsägeblatt
 Spare saw blade
 Lame scie de rechange
 Hoja de sierra de repuesto

HB 3404-65 5 mm
 HB 3404-66 6 mm
 HB 3404-68 8 mm



Weiss

HB 3405-35
 35,0 cm/14"



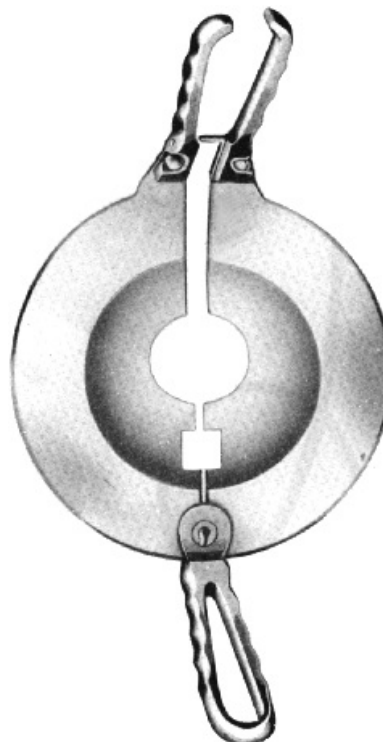
Rust

HB 3406-00
 24,0 cm/9½"

komplett mit je 1 Sägeblatt
 12 und 18 mm
 complete with saw blade
 12 and 18 mm
 complet avec lame de scie
 12 et 18 mm
 completo con hoja de sierra
 12 y 18 mm

Ersatzsägeblatt
 Spare saw blade
 Lame scie de rechange
 Hoja de sierra de repuesto

HB 3406-06 6 mm
 HB 3406-08 8 mm
 HB 3406-12 12 mm
 HB 3406-15 15 mm
 HB 3406-18 18 mm



Percy

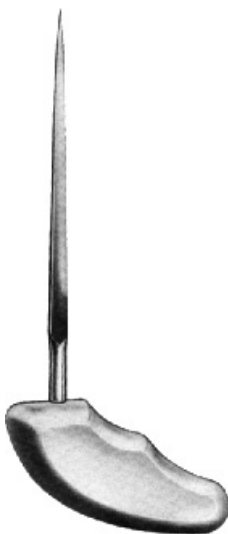
HB 3408
 Amputations-Retraktor
 Amputating retractor
 Rétracteur à amputation
 Retractor para amputación



HB 3410-14
 14,0 cm/5½"

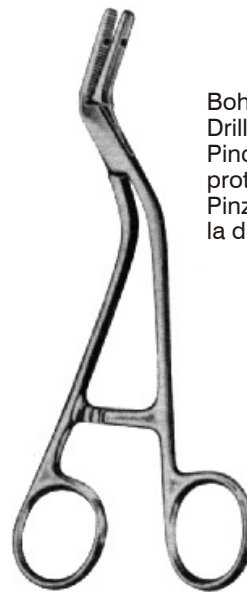


HB 3411-14
 14,0 cm/5½"



Perthes

HB 3412-01 18,0 cm/7"
HB 3412-02 21,0 cm/8¼"



Adson

HB 3413-15
 15,0 cm/6"

Bohrer-, Führungs- und Dura-Schutzzange
 Drill guide and dura protecting forceps
 Pince-guide pour des perforateurs et pour
 protéger la dure-mère
 Pinza-guia para taladros y para proteger
 la dura-madre

Schraubendreher
Srew Drivers
Tourne-vis
Destornilladores

Gewindeschneider
Taps with cross handle
Tarauds avec manche transversal
Terrajas con mango transversal



HB 3420-25 2,5 mm
HB 3420-35 3,5 mm



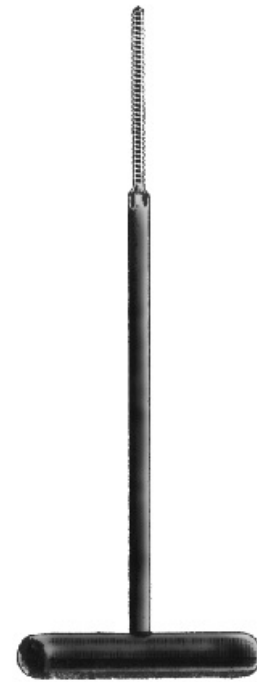
Lane

HB 3421-25
25,0 cm/10"



HB 3422-25
25,0 cm/10"

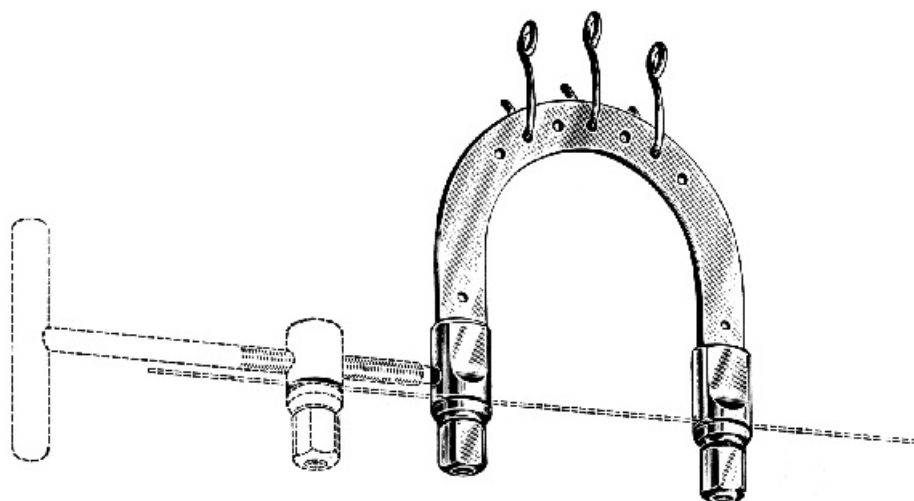
Gewindeschneider mit Quergriff
Tap with cross handle
Taraud avec manche transversal
Terraja con mango transversal



Ø

HB 3428-25	2,5 mm	14,0 cm/5½"
HB 3428-27	2,7 mm	14,0 cm/5½"
HB 3428-30	3,0 mm	16,0 cm/6½"
HB 3428-35	3,5 mm	16,0 cm/6½"
HB 3428-36	3,6 mm	16,0 cm/6½"
HB 3428-40	4,0 mm	18,0 cm/7¼"
HB 3428-45	4,5 mm	18,0 cm/7¼"
HB 3428-65	6,5 mm	22,0 cm/9"

Extensionsbügel
Extension Bows
Etriers à extension
Estribos para extensión

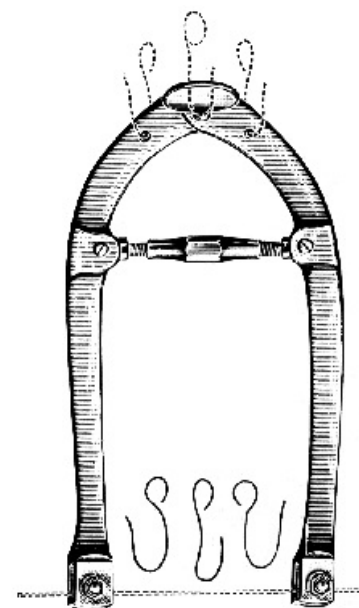


mit 3 Zughaken
 with 3 traction hooks
 avec 3 crochets de traction
 con 3 ganchos de tracción

Kirschner

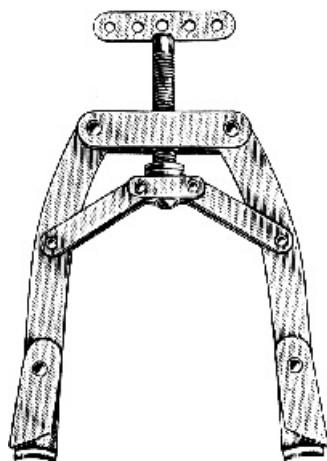
HB 3430-01	9,5 x 7,0 cm
HB 3430-02	10,5 x 10,5 cm
HB 3430-03	12,0 x 12,0 cm
HB 3430-04	15,5 x 15,5 cm
HB 3430-05	20,0 x 15,5 cm

lichte Weite
 clear width
 largeur ouverte
 anchura interior



lichte Weite
 clear width
 largeur ouverte
 anchura interior

HB 3431-01	18,0 x 10,0
HB 3431-02	27,0 x 16,0



Kirschner
(amerikanisches Modell)

HB 3432-01 kleines Modell small pattern petit modèle modelo pequeño	HB 3432-02 großes Modell large pattern modèle grand modelo grande
---	---

mit 3 Zughaken
 with 3 traction hooks
 avec 3 crochets de traction
 con 3 ganchos de tracción

Spannschlüssel
 Wire strainer
 Tendeur de broches
 Tensor de taladros

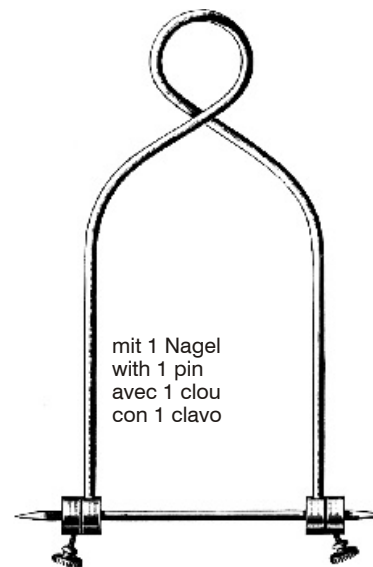


HB 3433-18

Mutterschlüssel
 Screw nut wrench
 Clé de serrage
 Llave de tuercas



HB 3433-19

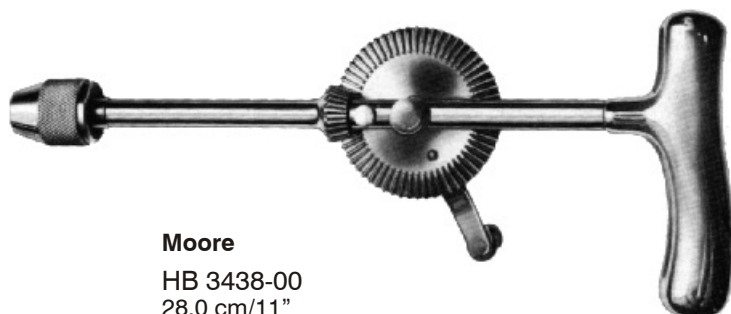


mit 1 Nagel
 with 1 pin
 avec 1 clou
 con 1 clavo

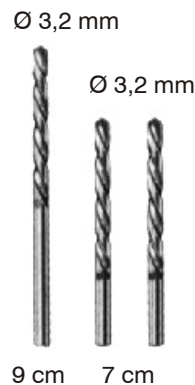
Böhler

HB 3434-01	16,0 x 9,0
HB 3434-02	21,0 x 11,0

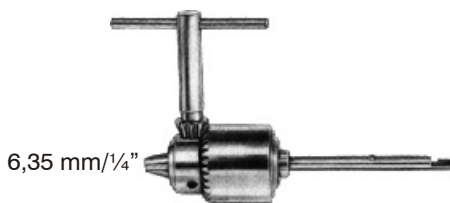
lichte Weite
 clear width
 largeur ouverte
 anchura interior



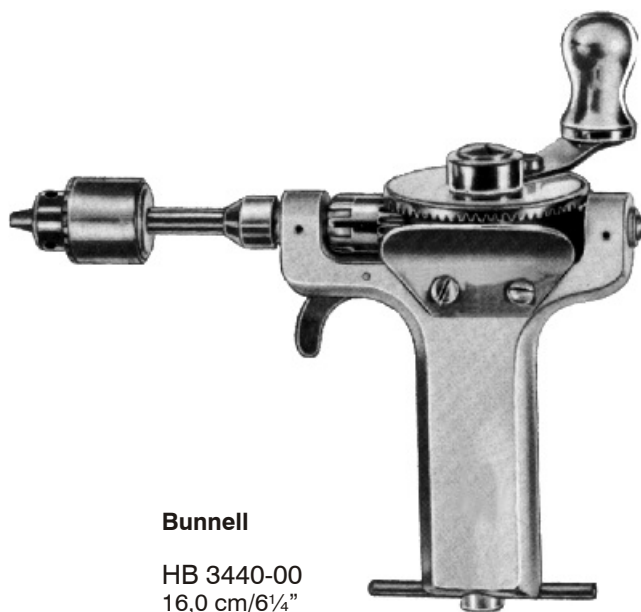
Moore
 HB 3438-00
 28,0 cm/11"
 komplett
 complete
 complet
 completo



HB 3438-03
 Spiralbohrer-Satz
 Set of twist drills
 Jeu de fraises
 Juego de taladros espirales



Jacobs
 HB 3439-00
 Dreibacken-Spannfutter
 Three-jaw-chuck
 Mandrin à trois mâchoires
 Mandril de tres mordazas



Bunnell
 HB 3440-00
 16,0 cm/6 1/4"

HB 3440-01
 Schlüssel, allein
 Wrench, only
 Clé, seule
 Llave, suelta



Ralk

HB 3441-00



HB 3441-01
Schlüssel, allein
Wrench, only
Clé, seule
Llave, suelta



Smedberg

HB 3442-00



HB 3442-01
Schlüssel, allein
Wrench, only
Clé, seule
Llave, suelta



HB 3443-27
 Griff, allein
 Handle, only
 Manche, seul
 Mango, suelto

Hudson
 27,0 cm/10½"

HB 3443-00
 - komplett mit Fräsern Fig. 1-4
 und Verlängerungsstück Fig. 9
 - complete with 4 burrs. fig. 1-4
 and extension piece fig. 9
 - complet avec 4 fraises, fig. 1-4
 et pièce de rallonge fig. 9
 - completo con 4 fresas fig. 1-4
 y pieza de prolongación fig. 9



Hudson
Fig. 1
 HB 3443-01
 Ø 9 mm



Hudson
Fig. 2
 HB 3443-02
 Ø 14 mm



Hudson
Fig. 3
 HB 3443-03
 Ø 16 mm



Hudson
Fig. 4
 HB 3443-04
 Ø 22 mm



Hudson
Fig. 9
 HB 3443-09
 Verlängerungsstück
 Extension piece
 Pièce de rallonge
 Pieza de prolongación



Cuching
Fig. 5
 HB 3443-05
 Ø 14 mm



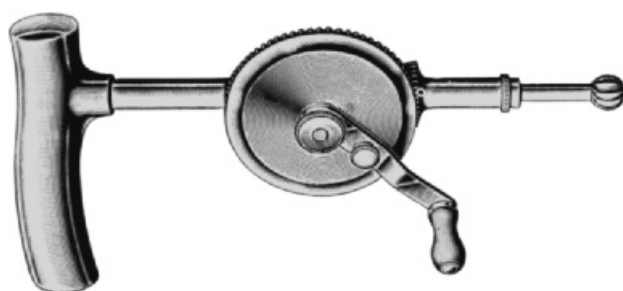
Adson
Fig. 6
 HB 3443-06
 Ø 2 mm



McKenzie
Fig. 7
 HB 3443-07
 Ø 13 mm



Errico
Fig. 8
 HB 3443-08
 Ø 16 mm



Stille
 20,0 cm/8"

HB 3444-00
 komplett mit Fräsern fig. 1-9
 complete with burrs fig. 1-9
 complet avec fraises fig. 1-9
 completo con fresas fig. 1-9



Fig. 1
 HB 3444-01
 Ø 2,5 mm



Fig. 2
 HB 3444-02
 Ø 3,0 mm



Fig. 3
 HB 3444-03
 Ø 3,5 mm



Fig. 4
 HB 3444-04
 Ø 4,0 mm



Fig. 5
 HB 3444-05
 Ø 10 mm



Fig. 6
 HB 3444-06
 Ø 5,0 mm



Fig. 7
 HB 3444-07
 Ø 8,0 mm



Fig. 8
 HB 3444-08
 Ø 12,0 mm



Fig. 9
 HB 3444-09
 Ø 16,0 mm



Fig. 10
 HB 3444-10
 Ø 1,0 mm



Fig. 11
 HB 3444-11
 Ø 1,5 mm



Fig. 12
 HB 3444-12
 Ø 2,0 mm

Flachzangen
 Flat Nose Pliers
 Pincès plates
 Alicates planos



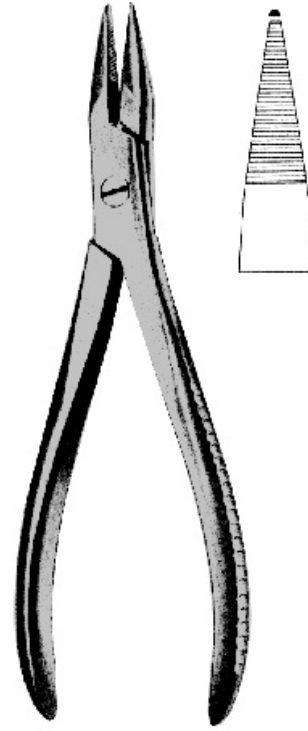
17,0 cm/6¾"



HB 3450-01



HB 3450-02

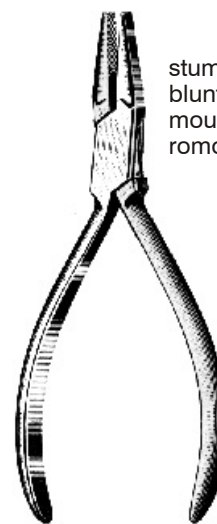


HB 3451-19
 19,0 cm/7½"



HB 3452-14
 14,0 cm/5½"

spitz
 sharp
 pointu
 agudo



HB 3453-14
 14,0 cm/5½"

stumpf
 blunt
 mousse
 romo

Drahtzangen
Wire Cutting Pliers
Pinces à fils
Alicates para cortar alambre



18,0 cm/7"



Fig. 1
HB 3454-01



Fig. 2
HB 3454-02



Fig. 3
HB 3454-03

Flachzangen
 Flat nose pliers
 Pinces plates
 Alicates planos



18,0 cm/7"



Fig. 4
HB 3454-04



HB 3455-16
 16,0 cm/6¼"

Kopfschneider
 Wire cutting pliers
 Pinces à couper le fil
 Alicates para cortar alambre

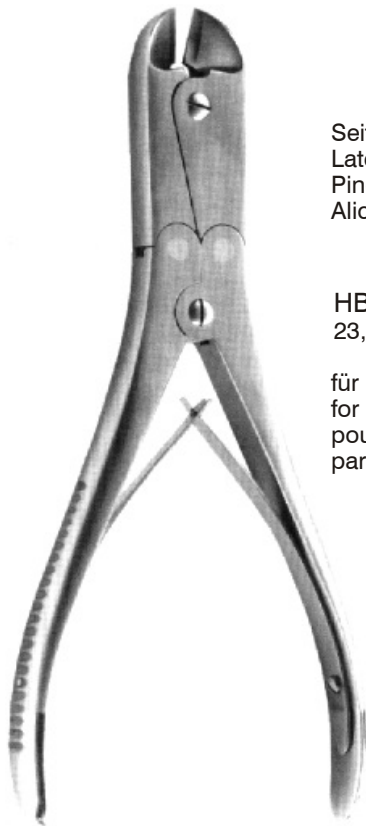


HB 3456-15
 15,0 cm/6"

Kopfschneider
 Wire cutting pliers
 Pinces à couper le fil
 Alicates para cortar alambre

für harten Draht bis 1,5 mm
 for hard wire up to 1,5 mm
 pour fils durs jusqu'à 1,5 mm
 para hilos duros hasta 1,5 mm

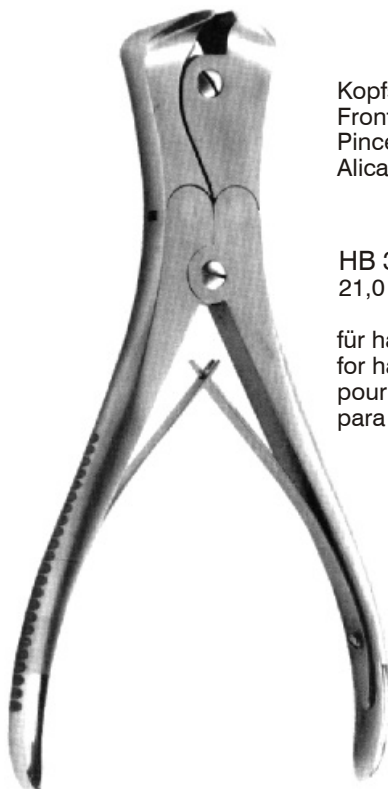
Drahtzangen
Wire Cutting Pliers
Pinces à fils
Alicates para cortar alambre



Seitenschneider
 Lateral wire cutter
 Pince à couper le fil à tranchant latéral
 Alicates para cortar alambre con corte lateral

HB 3457-23
 23,0 cm/9"

für harten Draht bis 2,2 mm
 for hard wire up to 2,2 mm
 pour fils durs jusqu'à 2,2 mm
 para hilos duros hasta 2,2 mm



Kopfschneider
 Frontal wire cutting pliers
 Pince à couper le fil à tranchant frontal
 Alicates para cortar alambre con corte frontal

HB 3458-21
 21,0 cm/8¼"

für harten Draht bis 2,5 mm
 for hard wire up to 2,5 mm
 pour fils durs jusqu'à 2,5 mm
 para hilos duros hasta 2,5 mm



Bolzenschneider
 Wire cutting pliers
 Pince à couper le fil
 Alicates para cortar alambre

HB 3459-45
 45,0 cm/18"

HB 3459-56
 56,0 cm/22½"

für Draht bis
 for wire up to
 pour fils jusqu'à
 para hilos hasta

6,0 mm
 6,0 mm
 6,0 mm
 6,0 mm

7,5 mm
 7,5 mm
 7,5 mm
 7,5 mm

HB 3459-90

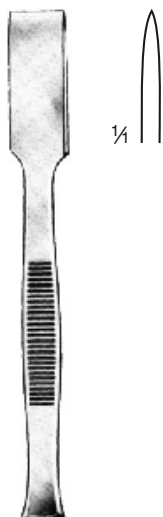
Ersatzbacken allein
 Cutting parts only
 Pièces coupantes seules

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Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



Osteotome
 Osteotomes
 Osteotomes
 Osteotomos



13,5 cm/5 1/4"

- HB 3460-03 3 mm
- HB 3460-04 4 mm
- HB 2460-05 5 mm
- HB 3460-06 6 mm
- HB 3460-08 8 mm
- HB 3460-10 10 mm
- HB 3460-12 12 mm
- HB 3460-14 14 mm
- HB 3460-16 16 mm

Flachmeissel
 Bone chisels
 Ciseaux-burins
 Cinceles



13,5 cm/5 1/4"

- HB 3461-04 4 mm
- HB 3461-06 6 mm
- HB 3461-08 8 mm
- HB 3461-10 10 mm
- HB 3461-12 12 mm
- HB 3461-14 14 mm
- HB 3461-16 16 mm

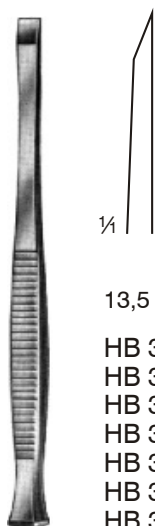
Hohlmeissel
 Gouges
 Gouges
 Gubias



13,5 cm/5 1/4"

- HB 3462-03 3 mm
- HB 3462-04 4 mm
- HB 3462-05 5 mm
- HB 3462-06 6 mm
- HB 3462-08 8 mm
- HB 3462-10 10 mm
- HB 3462-12 12 mm
- HB 3462-14 14 mm
- HB 3462-16 16 mm

Flachmeissel
 Bone chisels
 Ciseaux-burins
 Cinceles



13,5 cm/5 1/4"

- HB 3463-02 2 mm
- HB 3463-03 3 mm
- HB 3463-04 4 mm
- HB 3463-05 5 mm
- HB 3463-06 6 mm
- HB 3463-07 7 mm
- HB 3463-08 8 mm

Partsch



1/4

17,0 cm/6 3/4"

- HB 3464-02 2 mm
- HB 3464-03 3 mm
- HB 3464-04 4 mm
- HB 3464-05 5 mm
- HB 3464-06 6 mm
- HB 3464-07 7 mm
- HB 3464-08 8 mm

Hohlmeissel
 Gouges
 Gouges
 Gubias



13,5 cm/5 1/4"

- HB 3465-02 2 mm
- HB 3465-03 3 mm
- HB 3465-04 4 mm
- HB 3465-05 5 mm
- HB 3465-06 6 mm
- HB 3465-07 7 mm
- HB 3465-08 8 mm

Partsch

17,0 cm/6 3/4"

- HB 3466-02 2 mm
- HB 3466-03 3 mm
- HB 3466-04 4 mm
- HB 3466-05 5 mm
- HB 3466-06 6 mm
- HB 3466-07 7 mm
- HB 3466-08 8 mm

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



Flachmeissel
 Bone chisels
 Ciseaux-burins
 Cinceles

1/2

Alexander
 18,0 cm/7"

- HB 3467-04 4 mm
- HB 3467-06 6 mm
- HB 3467-08 8 mm
- HB 3467-10 10 mm
- HB 3467-12 12 mm
- HB 3467-14 14 mm



Hohlmeissel
 Gouges
 Gouges
 Gubias

1/2

Alexander
 18,0 cm/7"

- HB 3468-04 4 mm
- HB 3468-06 6 mm
- HB 3468-08 8 mm
- HB 3468-10 10 mm
- HB 3468-12 12 mm
- HB 3468-14 14 mm



1/4

Osteotome
 Osteotomes
 Osteotomes
 Osteotomos

12,5 cm/5"

- HB 3469-03 3 mm
- HB 3469-04 4 mm
- HB 3469-06 6 mm
- HB 3469-08 8 mm
- HB 3469-10 10 mm
- HB 3469-12 12 mm
- HB 3469-15 15 mm

1/2

Mini-Lambotte



1/4

Osteotome
 Osteotomes
 Osteotomes
 Osteotomos

17,0 cm/6 3/4"

- HB 3470-03 3 mm
- HB 3470-04 4 mm
- HB 3470-06 6 mm
- HB 3470-08 8 mm
- HB 3470-10 10 mm
- HB 3470-12 12 mm
- HB 3470-15 15 mm

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



Osteotome, gerade
 Osteotomes, straight
 Osteotomes, droits
 Osteotomos, rectos

HB 3471-08 8 mm
 HB 3471-10 10 mm
 HB 3471-13 13 mm
 HB 3471-15 15 mm
 HB 3471-20 20 mm
 HB 3471-25 25 mm
 HB 3471-30 30 mm
 HB 3471-38 38 mm
 HB 3471-44 44 mm
 HB 3471-50 50 mm

1/2

Lambotte
 24,0 cm/9 1/2"



Osteotome, gebogen
 Osteotomes, curved
 Osteotomes, courbes
 Osteotomos, curvos

HB 3472-08 8 mm
 HB 3472-10 10 mm
 HB 3472-13 13 mm
 HB 3472-15 15 mm
 HB 3472-20 20 mm
 HB 3472-25 25 mm
 HB 3472-30 30 mm
 HB 3472-38 38 mm
 HB 3472-44 44 mm
 HB 3472-50 50 mm

1/2

Lambotte
 23,0 cm/9"



Flachmeissel
 Bone chisels
 Ciseaux-burins
 Cinceles

HB 3473-04 4 mm
 HB 3473-06 6 mm

1/2

Lucas
 16,0 cm/6 1/4"



Hohlmeissel
 Gouges
 Gouges
 Gubias

HB 3474-03 3 mm
 HB 3474-05 5 mm

1/2

Lucas
 16,0 cm/6 1/4"

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



Osteotome
 Osteotomes
 Osteotomes
 Osteotomos

- HB 3476-04 4 mm
- HB 3476-06 6 mm
- HB 3476-08 8 mm
- HB 3476-10 10 mm
- HB 3476-12 12 mm
- HB 3476-15 15 mm

1/2

Stille
 16,0 cm/6 1/4"

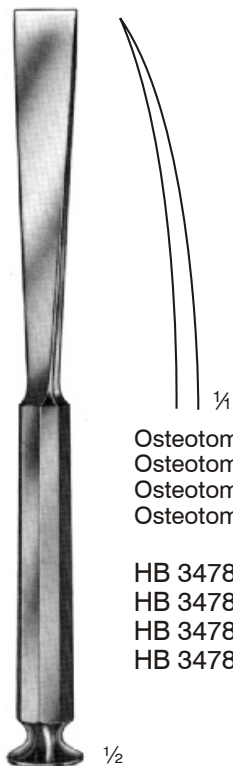


Hohlmeissel
 Gouges
 Gouges
 Gubias

- HB 3477-06 6 mm
- HB 3477-08 8 mm
- HB 3477-10 10 mm
- HB 3477-12 12 mm
- HB 3477-15 15 mm

1/2

Stille
 16,0 cm/6 1/4"

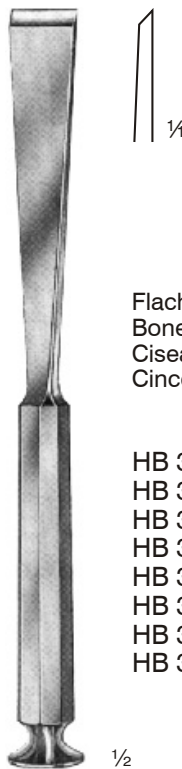


Osteotome, gebogen
 Osteotomes, curved
 Osteotomes, courbes
 Osteotomos, curvos

- HB 3478-10 10 mm
- HB 3478-15 15 mm
- HB 3478-20 20 mm
- HB 3478-25 25 mm

1/2

Stille
 20,0 cm/8"



Flachmeissel
 Bone chisels
 Ciseaux-burins
 Cinceles

- HB 3479-06 6 mm
- HB 3479-08 8 mm
- HB 3479-10 10 mm
- HB 3479-12 12 mm
- HB 3479-15 15 mm
- HB 3479-20 20 mm
- HB 3479-25 25 mm
- HB 3479-30 30 mm

1/2

Stille
 20,0 cm/8"

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



Osteotome
 Osteotomes
 Osteotomes
 Osteotomos

- HB 3480-06 6 mm
- HB 3480-08 8 mm
- HB 3480-10 10 mm
- HB 3480-12 12 mm
- HB 3480-15 15 mm
- HB 3480-20 20 mm
- HB 3480-25 25 mm
- HB 3480-30 30 mm

Stille
 20,0 cm/8"



Hohlmeissel
 Gouges
 Gouges
 Gubias

- HB 3481-06 6 mm
- HB 3481-08 8 mm
- HB 3481-10 10 mm
- HB 3481-12 12 mm
- HB 3481-15 15 mm
- HB 3481-20 20 mm
- HB 3481-25 25 mm
- HB 3481-30 30 mm

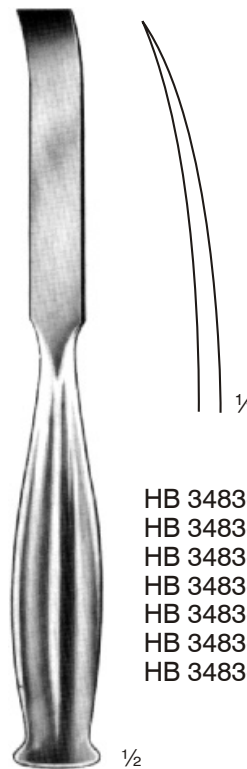
Stille
 20,0 cm/8"



Osteotome, gerade
 Osteotomes, straight
 Osteotomes, droits
 Osteotomos, rectos

- HB 3482-06 6 mm
- HB 3482-09 9 mm
- HB 3482-13 13 mm
- HB 3482-16 16 mm
- HB 3482-19 19 mm
- HB 3482-25 25 mm
- HB 3482-32 32 mm

Smith-Petersen
 20,0 cm/8"



Osteotome, gebogen
 Osteotomes, curved
 Osteotomes, courbes
 Osteotomos, curvos

- HB 3483-06 6 mm
- HB 3483-09 9 mm
- HB 3483-13 13 mm
- HB 3483-16 16 mm
- HB 3483-19 19 mm
- HB 3483-25 25 mm
- HB 3483-32 32 mm

Smith-Petersen
 20,0 cm/8"

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



Hohlmeissel, gerade
 Bone chisels, straight
 Ciseaux-burins, droits
 Cinceles, rectos

- HB 3484-06 6 mm
- HB 3484-09 9 mm
- HB 3484-13 13 mm
- HB 3484-16 16 mm
- HB 3484-19 19 mm
- HB 3484-25 25 mm
- HB 3484-32 32 mm

1/2

Smith-Petersen
 20,0 cm/8"

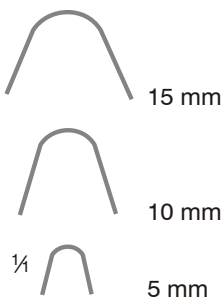


Hohlmeissel, gebogen
 Bone chisels, curved
 Ciseaux-burins, courbes
 Cinceles, curvos

- HB 3485-06 6 mm
- HB 3485-09 9 mm
- HB 3485-13 13 mm
- HB 3485-16 16 mm
- HB 3485-19 19 mm
- HB 3485-25 25 mm
- HB 3485-32 32 mm

1/2

Smith-Petersen
 20,0 cm/8"



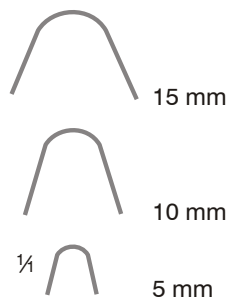
1/4

Hohlmeissel, gerade
 Bone chisels, straight
 Ciseaux-burins, droits
 Cinceles, rectos

- HB 3486-05 5 mm
- HB 3486-10 10 mm
- HB 3486-15 15 mm

1/2

Lexer
 25,0 cm/10"



1/4

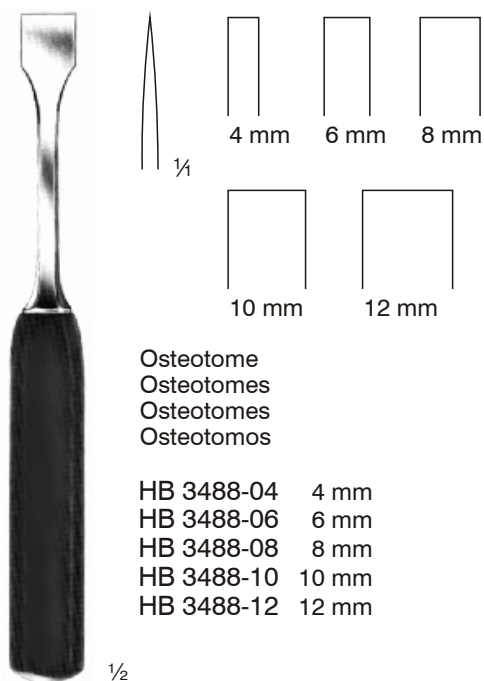
Hohlmeissel, gebogen
 Bone chisels, curved
 Ciseaux-burins, courbes
 Cinceles, curvos

- HB 3487-05 5 mm
- HB 3487-10 10 mm
- HB 3487-15 15 mm

1/2

Lexer
 25,0 cm/10"

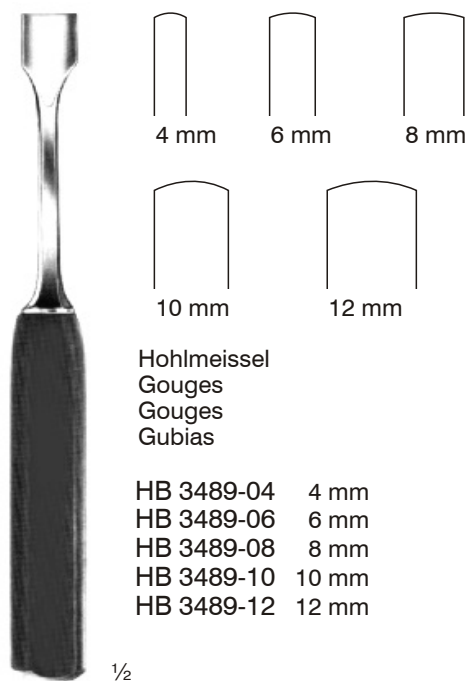
Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



Osteotome
 Osteotomes
 Osteotomes
 Osteotomos

- HB 3488-04 4 mm
- HB 3488-06 6 mm
- HB 3488-08 8 mm
- HB 3488-10 10 mm
- HB 3488-12 12 mm

Mini-Lexer
 18,0 cm/7"



Hohlmeissel
 Gouges
 Gouges
 Gubias

- HB 3489-04 4 mm
- HB 3489-06 6 mm
- HB 3489-08 8 mm
- HB 3489-10 10 mm
- HB 3489-12 12 mm

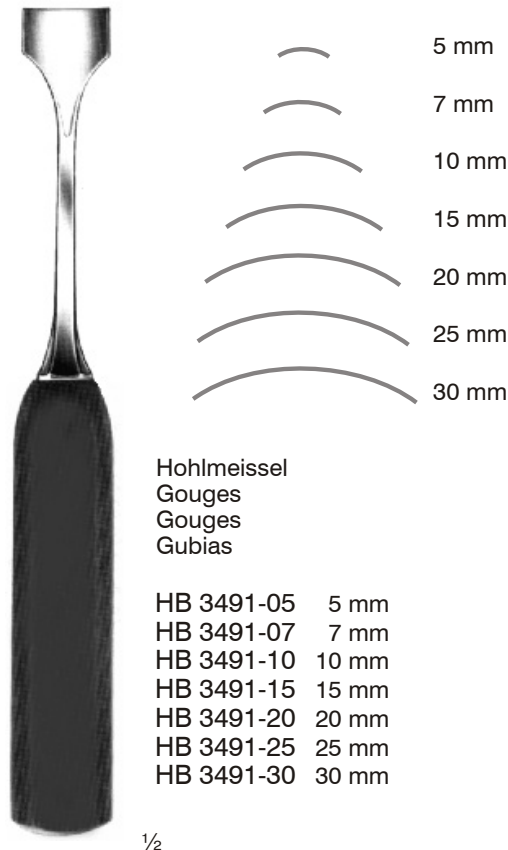
Mini-Lexer
 18,0 cm/7"



Osteotome
 Osteotomes
 Osteotomes
 Osteotomos

- HB 3490-05 5 mm
- HB 3490-07 7 mm
- HB 3490-10 10 mm
- HB 3490-15 15 mm
- HB 3490-20 20 mm
- HB 3490-25 25 mm
- HB 3490-30 30 mm

Lexer
 22,0 cm/8³/₄"



Hohlmeissel
 Gouges
 Gouges
 Gubias

- HB 3491-05 5 mm
- HB 3491-07 7 mm
- HB 3491-10 10 mm
- HB 3491-15 15 mm
- HB 3491-20 20 mm
- HB 3491-25 25 mm
- HB 3491-30 30 mm

Lexer
 22,0 cm/8³/₄"

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



Osteotome, gerade
 Osteotomes, straight
 Osteotomes, droits
 Osteotomos, rectos



- HB 3492-03 3 mm
- HB 3492-05 5 mm
- HB 3492-06 6 mm
- HB 3492-08 8 mm
- HB 3492-09 9 mm

Hoke
 17,0 cm/6³/₄"

Osteotome, gerade
 Osteotomes, straight
 Osteotomes, droits
 Osteotomos, rectos



- HB 3493-06 6 mm
- HB 3493-13 13 mm
- HB 3493-19 19 mm
- HB 3493-25 25 mm
- HB 3493-32 32 mm

Hibbs
 24,0 cm/9¹/₂"

Flachmeissel, gerade
 Bone chisels, straight
 Ciseaux-burins, droits
 Cinceles, rectos



- HB 3494-06 6 mm
- HB 3494-13 13 mm
- HB 3494-19 19 mm
- HB 3494-25 25 mm
- HB 3494-32 32 mm

Hibbs
 24,0 cm/9¹/₂"

Meissel und Osteotome
Bone Chisels and Gouges
Ciseaux-burins, Gouges
Cinceles, Gubias



Osteotome
 Osteotomes
 Osteotomes
 Osteotomos

Hohlmeissel
 Gouges
 Gouges
 Gubias

Hohlmeissel
 Gouges
 Gouges
 Gubias



- HB 3495-06 6 mm
- HB 3495-13 13 mm
- HB 3495-19 19 mm
- HB 3495-25 25 mm
- HB 3495-32 32 mm

1/2

Hibbs
 24,0 cm/9 1/2"



- HB 3496-06 6 mm
- HB 3496-13 13 mm
- HB 3496-19 19 mm
- HB 3496-25 25 mm
- HB 3496-32 32 mm

1/2

Hibbs
 24,0 cm/9 1/2"

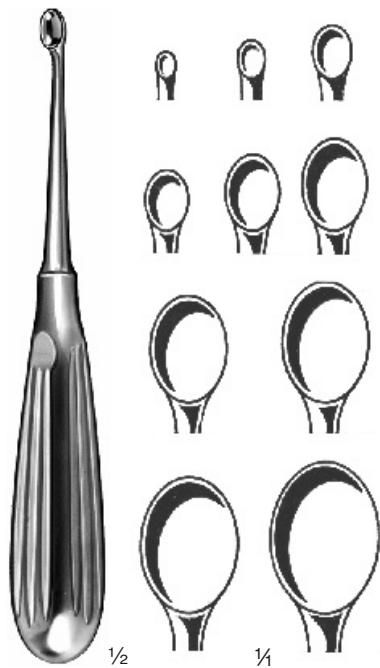


- HB 3497-06 6 mm
- HB 3497-13 13 mm
- HB 3497-19 19 mm
- HB 3497-25 25 mm
- HB 3497-32 32 mm

1/2

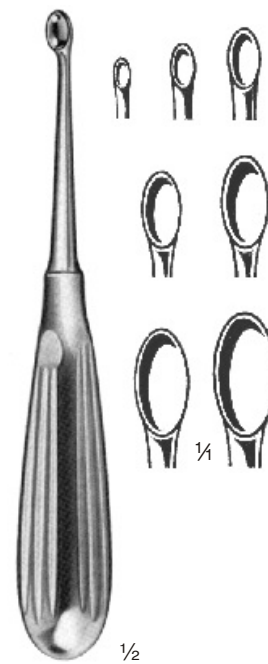
Hibbs
 24,0 cm/9 1/2"

Scharfe Löffel
Bone Currettes
Curettes tranchantes
Cucharillas cortantes



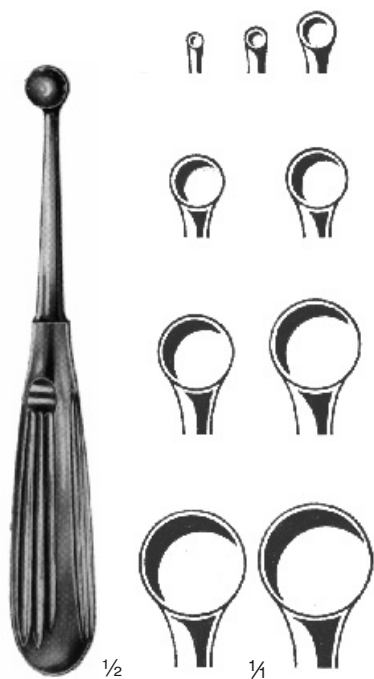
Volkmann
 17,0 cm/6¾"

	Fig.	mm
HB 3500	0000	3,0
HB 3501	000	4,0
HB 3502	00	5,0
HB 3503	0	6,0
HB 3504	1	7,0
HB 3505	2	8,0
HB 3506	3	10,0
HB 3507	4	11,6
HB 3508	5	12,6
HB 3509	6	13,8



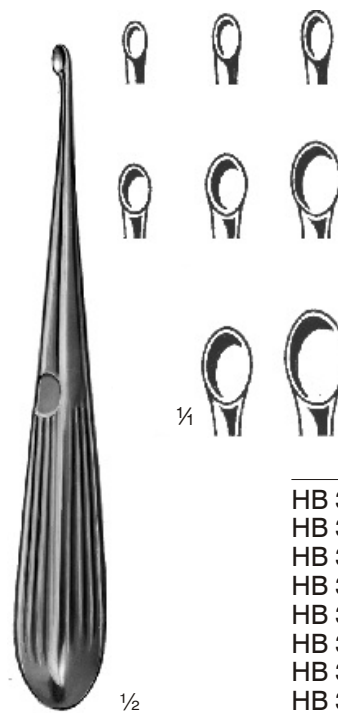
Schede
 17,0 cm/6¾"

	Fig.	mm
HB 3510	000	3,0
HB 3511	00	4,0
HB 3512	0	5,0
HB 3513	1	6,0
HB 3514	2	6,5
HB 3515	3	7,5
HB 3516	4	8,5



Bruns
 17,0 cm/6¾"

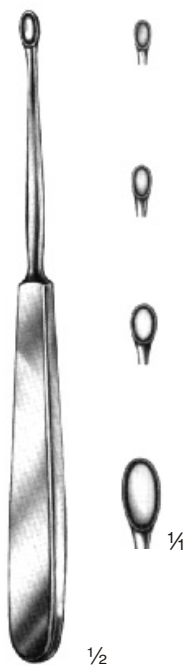
	Fig.	mm
HB 3520	000	3,0
HB 3521	00	4,0
HB 3522	0	5,0
HB 3523	1	6,0
HB 3524	2	8,0
HB 3525	3	10,0
HB 3526	4	12,0
HB 3527	5	13,0
HB 3528	6	14,0



Spratt
 17,0 cm/6¾"

	Fig.	mm
HB 3530	000	3,0
HB 3531	00	4,0
HB 3532	0	4,5
HB 3533	1	5,0
HB 3534	2	6,0
HB 3535	3	7,0
HB 3536	4	8,5
HB 3537	5	9,5

Scharfe Löffel
Bone Curettes
Curettes tranchantes
Cucharillas cortantes



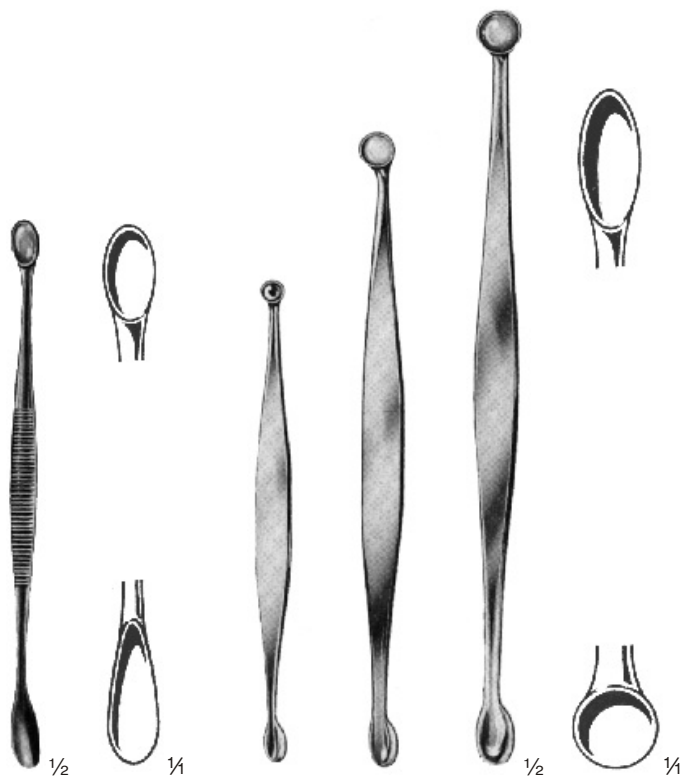
Williger
 17,0 cm/6 3/4"

	Fig.	mm
HB 3538-20	00	2,0
HB 3538-10	0	2,5
HB 3538-01	1	3,5
HB 3538-02	2	5,0



Bruns
 23,0 cm/9"

	Fig.	mm
HB 3540	000	2,0
HB 3541	00	2,5
HB 3542	0	3,3
HB 3543	1	3,8
HB 3544	2	4,8
HB 3545	3	5,3
HB 3546	4	6,0
HB 3547	5	6,7
HB 3548	6	7,3



Volkmann **Volkmann**
 HB 3550 - HB 3552 HB 3555 - HB 3557

Länge Length Longueur Largo cm in.	oval/oval oval/oval ovale/ovale ovalada/ovalada	oval/rund oval/round ovale/ronde ovalada/redonda
13,0 5	HB 3550 7,5/6,3 mm	HB 3555 6,3/6,8 mm
14,5 5 3/4	HB 3551 6,8/5,8 mm	
16,0 6 1/4		HB 3556 7,0/9,0 mm
17,0 6 3/4	HB 3552 6,8/7,3 mm	
20,0 8		HB 3557 9,1/11,1 mm

Scharfe Löffel
Bone Curettes
Curettes tranchantes
Cucharillas cortantes

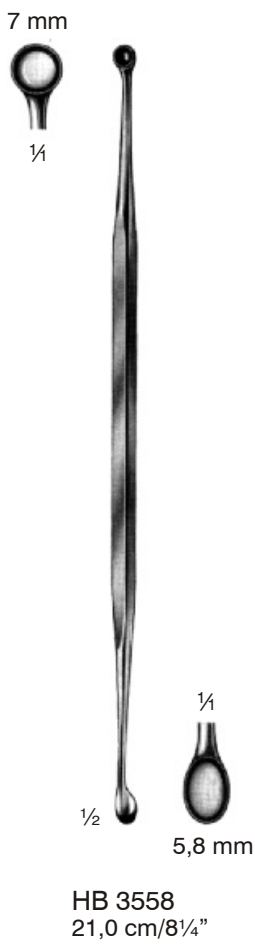


	Fig.
HB 3561	0/00
HB 3562	0/1
HB 3563	1/2

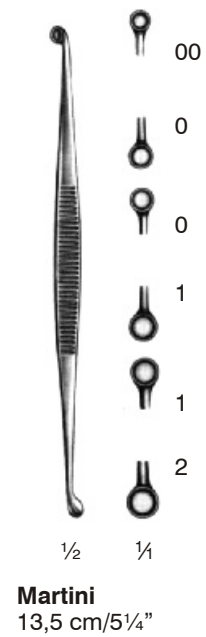
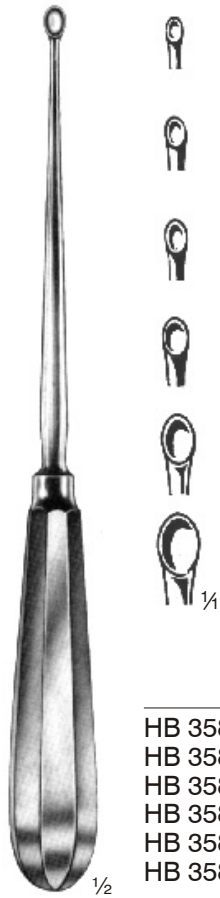


	Fig.
HB 3571	0/00
HB 3572	0/1
HB 3573	1/2

Scharfe Löffel
Bone Currettes
Curettes tranchantes
Cucharillas cortantes



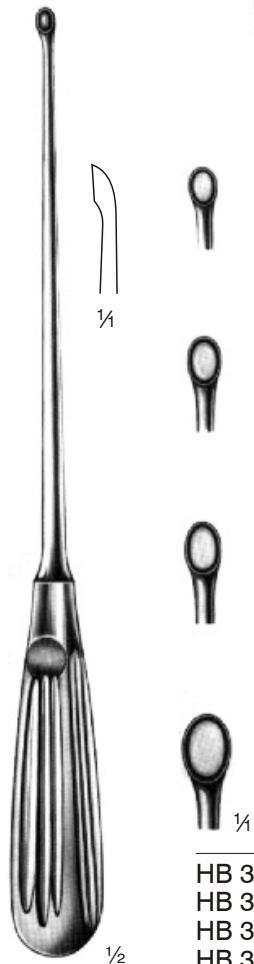
Simon
 24,0 cm/9½"

	Fig.	mm
HB 3581-01	1	2,2
HB 3581-02	2	2,8
HB 3581-03	3	3,3
HB 3581-04	4	3,7
HB 3581-05	5	4,5
HB 3581-06	6	4,8



Daubenspeck
 20,0 cm/8"

	Fig.	mm
HB 3582-20	00	2,8
HB 3582-10	0	3,8
HB 3582-01	1	5,0
HB 3582-02	2	6,0



25,0 cm/10"

	Fig.	mm
HB 3583-30	000	3,6
HB 3583-20	00	4,4
HB 3583-10	0	5,2
HB 3583-01	1	6,0



25,0 cm/10"

	Fig.	mm
HB 3584-30	000	3,6
HB 3584-20	00	4,4
HB 3584-10	0	5,2
HB 3584-01	1	6,0

Scharfe Löffel
Bone Currettes
Curettes tranchantes
Cucharillas cortantes



	Fig.	mm
HB 3585-00	0	5
HB 3585-01	1	6
HB 3585-02	2	6,5
HB 3585-03	3	7
HB 3585-04	4	8,5

Volkmann
 27,0 cm/10³/₄"

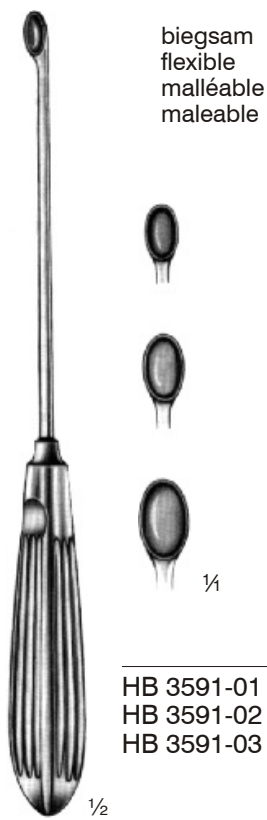


	Fig.	mm
HB 3591-01	1	4,8
HB 3591-02	2	5,8
HB 3591-03	3	6,8

Halle
 21,0 cm/8¹/₄"

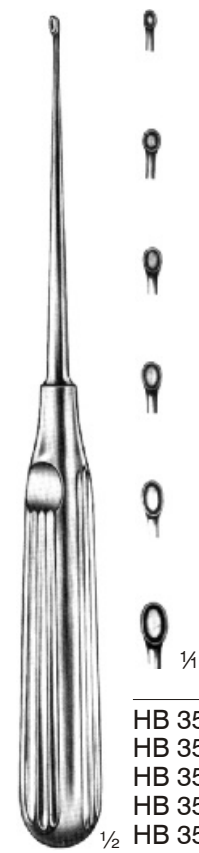


	Fig.	mm
HB 3594-01	1	1,7
HB 3594-02	2	2,0
HB 3594-03	3	2,4
HB 3594-04	4	2,7
HB 3594-05	5	3,0

Lempert
 21,5 cm/8¹/₂"

Scharfe Löffel
Bone Curettes
Curettes tranchantes
Cucharillas cortantes



gerade
straight
droit
recta

Spinal
20,0 cm/8"

Spratt
23,0 cm/9"



gebogen
curved
courbe
curva

Spinal
20,0 cm/8"

Spratt
23,0 cm/9"

	¼								
Fig.	000	00	0	1	2	3	4	5	6
gerade straight droit recta									
20,0 cm/8"	HB 3595 -30	HB 3595 -20	HB 3595 -10	HB 3595 -01	HB 3595 -02	HB 3595 -03	HB 3595 -04	HB 3595 -05	HB 3595 -06
23,0 cm/9"	HB 3596 -30	HB 3596 -20	HB 3596 -10	HB 3596 -01	HB 3596 -02	HB 3596 -03	HB 3596 -04	HB 3596 -05	HB 3596 -06
gebogen curved courbe curva									
20,0 cm/8"	HB 3597 -30	HB 3597 -20	HB 3597 -10	HB 3597 -01	HB 3597 -02	HB 3597 -03	HB 3597 -04	HB 3597 -05	HB 3597 -06
23,0 cm/9"	HB 3598 -30	HB 3598 -20	HB 3598 -10	HB 3598 -01	HB 3598 -02	HB 3598 -03	HB 3598 -04	HB 3598 -05	HB 3598 -06

Raspatorien
Periosteal Raspatories
Rugines-raspatoires
Legras-Periostótomos



Langenbeck
 HB 3600
 19,0 cm/7½"



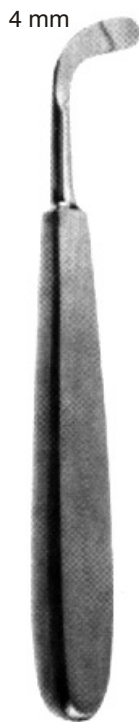
Langenbeck
 HB 3601
 18,0 cm/7"



Sedillot
 HB 3602
 21,0 cm/8¼"



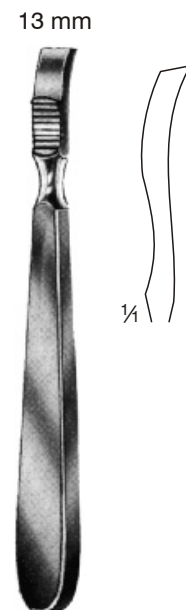
HB 3603-01
 14,0 cm/5½"



HB 3603-02
 14,0 cm/5½"



Farabeuf
 HB 3604
 15,0 cm/6"



Farabeuf
 HB 3605
 15,0 cm/6"

Raspatorien
Periosteal Raspatories
Rugines-raspatoires
Legras-Periostótomos

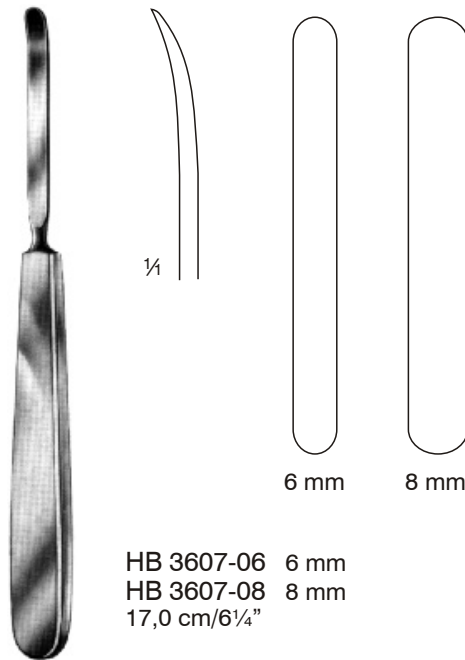


10 mm
 15 mm
 20 mm
 25 mm

¼

HB 3606-10 10 mm
 HB 3606-15 15 mm
 HB 3606-20 20 mm
 HB 3606-25 25 mm

Lambotte
 21,0 cm/8¼"



¼

6 mm

8 mm

HB 3607-06 6 mm
 HB 3607-08 8 mm
 17,0 cm/6¼"



5 mm

6 mm

Williger

Williger

HB 3608
 13,0 cm/5"

HB 3609
 16,0 cm/6¼"



Howarth

HB 3610
 21,5 cm/8½"

8 mm

17 mm

HB 3611-08

HB 3611-17



Wagner
 33,0 cm/13"

Raspatorien
Periosteal Raspatories
Rugines-raspatoires
Legras-Periostótomos



Alexander

HB 3612
 20,0 cm/8"



Matson

HB 3613
 22,0 cm/8¾"



6 mm
 12 mm
 19 mm
 25 mm

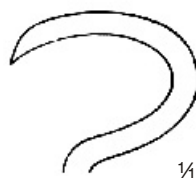
leicht gebogen
 slightly curved
 courbe légèrement
 curva ligeramente

HB 3614-06 6 mm
 HB 3614-12 12 mm
 HB 3614-19 19 mm
 HB 3614-25 25 mm

Key
 19,0 cm/7½"



HB 3615



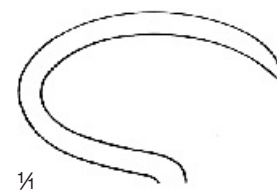
HB 3617

rechts gebogen
 curved to the right
 courbe à droite
 curva a la derecha



Doyen
 17,0 cm/6¾"

Doyen
 17,0 cm/6¾"



HB 3616

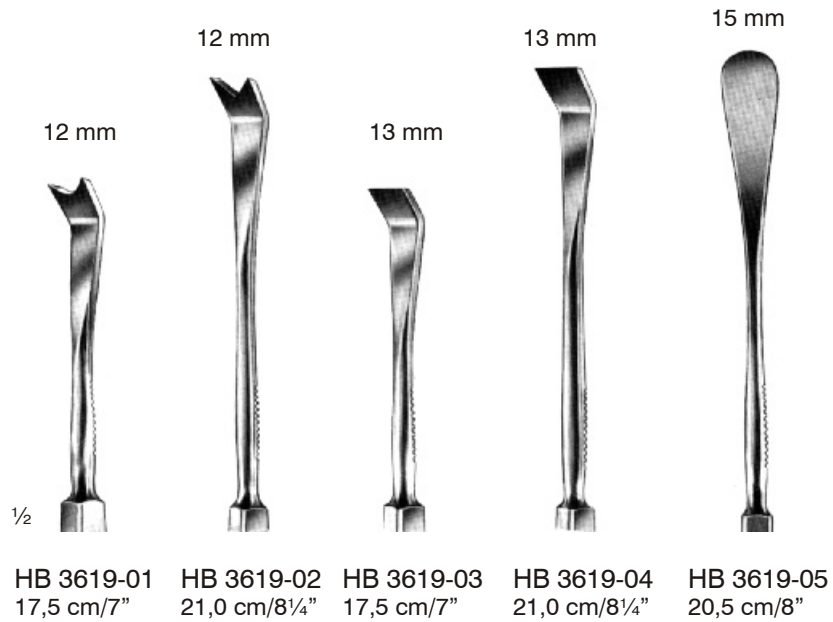


HB 3618

links gebogen
 curved to the left
 courbe à gauche
 curva a la izquierda

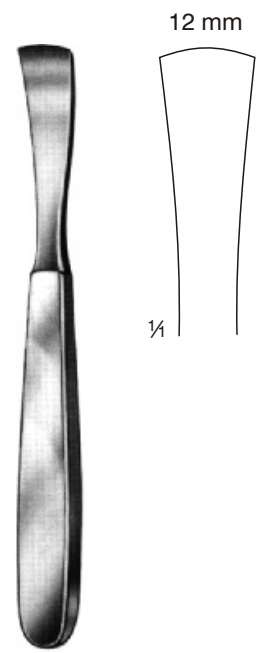


Semb



Hylin

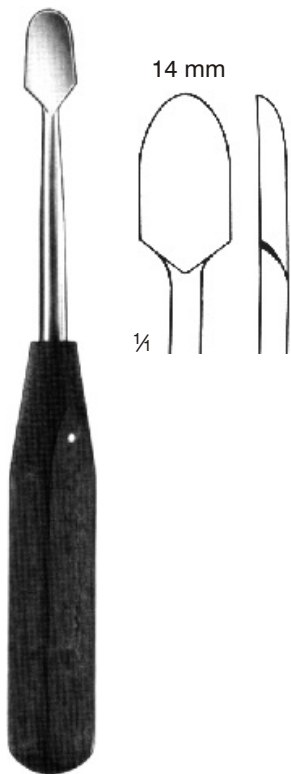
HB 3620
 14,5 cm / 6"



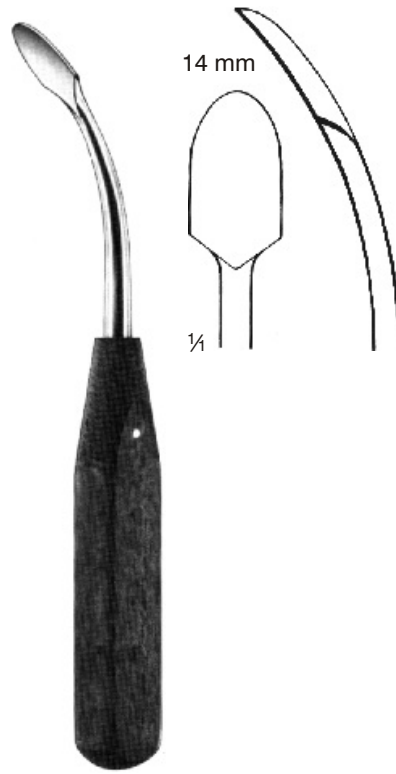
Jansen

HB 3621
 17,0 cm / 6 3/4"

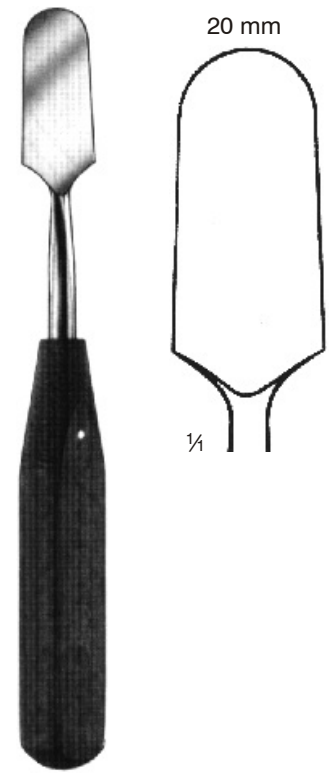
Raspatorien
Periosteal Raspatories
Rugines-raspatoires
Legras-Periostótomos



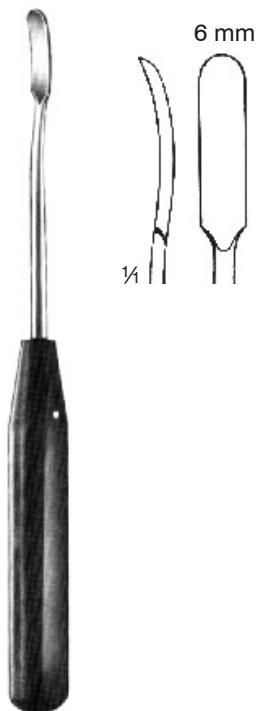
HB 3622-01
 20,0 cm/8"



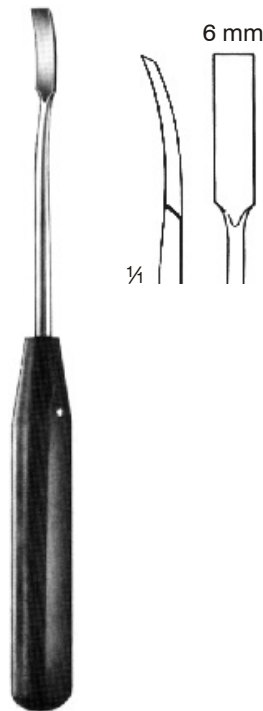
HB 3622-02
 20,0 cm/8"



HB 3622-03
 20,0 cm/8"



HB 3623
 18,0 cm/7"

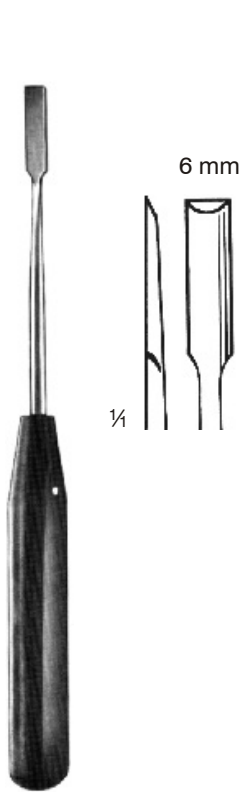


HB 3624
 18,0 cm/7"

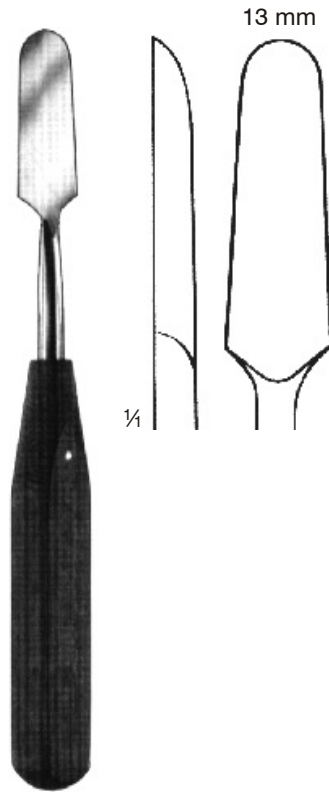


HB 3625
 18,0 cm/7"

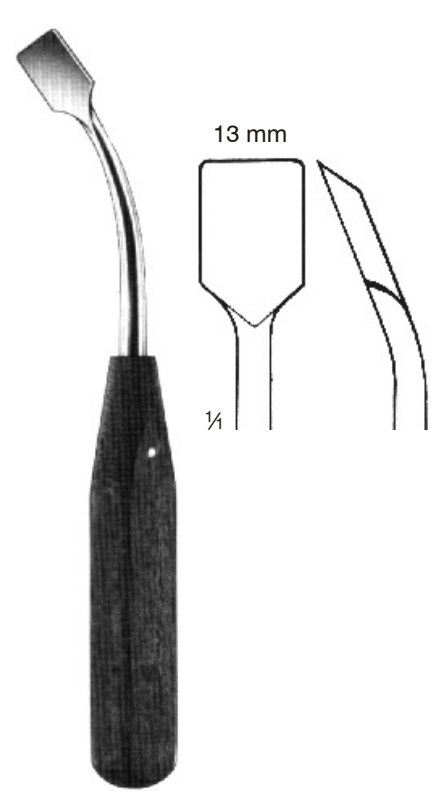
Raspatorien
Periosteal Raspatories
Rugines-raspatoires
Legras-Periostótomos



HB 3626
 19,0 cm/7½"



HB 3627
 20,0 cm/8"



HB 3628
 18,5 cm/7¼"



Adson
 17,0 cm/6¾"



HB 3629-01



HB 3629-02



HB 3629-03



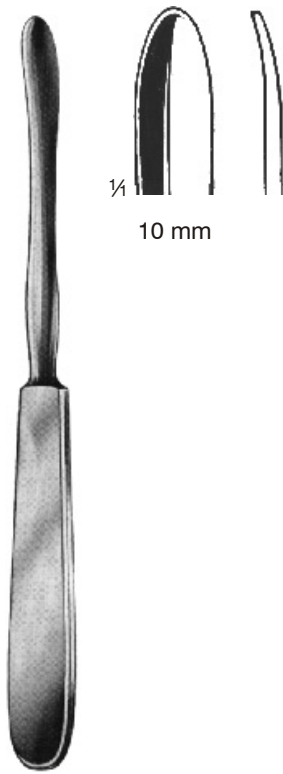
HB 3629-04

Elevatorien **Raspatorien**
Elevators **Periosteal Raspatories**
Élévateurs **Rugines-raspatoires**
Elevadores **Legras-Periostótomos**



Langenbeck

HB 3630
20,0 cm/8"



Langenbeck

HB 3631
20,0 cm/8"

5 mm



Williger

HB 3632
16,0 cm/6 1/4"

6,5 mm



Williger

HB 3633
17,0 cm/6 3/4"

6 mm



Quervain

HB 3634-20
19,5 cm/7 3/4"

6 mm



McDonald

HB 3635
19,0 cm/7 1/2"

6 mm

4 mm



Raspatorium
 Periosteal Raspatory
 Rugine-raspatoire
 Legra-Periostótomos

Joseph






HB 3636
16,5 cm/6 1/2"

Sehneninstrumente
Tendon Instruments
Instrumentos pour les tendons
Instrumentos para tendones



Sehnen Schäler
 Tendon stripper
 Instrument à écorcher
 Enucleador de tendones



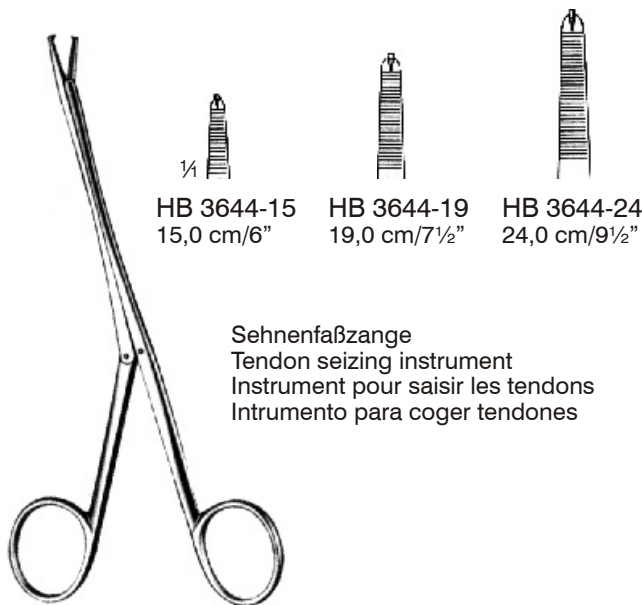
-  HB 3640-01
-  HB 3640-02
-  HB 3640-03
-  HB 3640-04
-  HB 3640-05




Bunnell
 15,0 cm/6"



Sehnenführer
 Tendon passing instrument
 Instrument pour passer les tendons
 Intrumento para el tunel del tendón

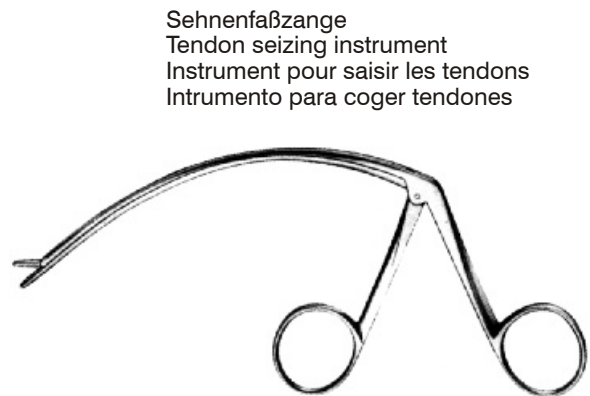
Bunnell
 HB 3642
 23,0 cm/9"



-  HB 3644-15
15,0 cm/6"
-  HB 3644-19
19,0 cm/7½"
-  HB 3644-24
24,0 cm/9½"

Sehnenfaßzange
 Tendon seizing instrument
 Instrument pour saisir les tendons
 Intrumento para coger tendones

Brand



Sehnenfaßzange
 Tendon seizing instrument
 Instrument pour saisir les tendons
 Intrumento para coger tendones

Caroll

HB 3645
 11,0 cm/4½"



Gallaher
 18,0 cm/7"



Fig. 1
 HB 3647-01



Fig. 2
 HB 3647-02



Fig. 3
 HB 3647-03



Joseph
 16,0 cm/6½"



Fig. 1
 HB 3648-01

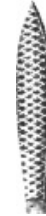


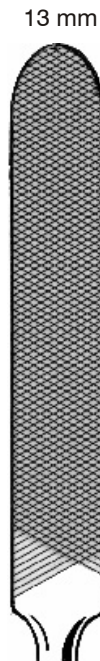
Fig. 2
 HB 3648-02



Fig. 3
 HB 3648-03



HB 3650
 24,5 cm/9¾"

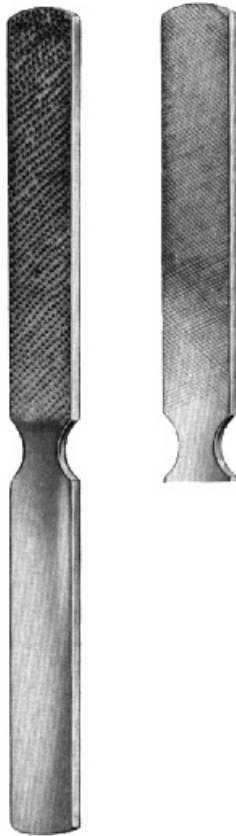


13 mm



HB 3651
 28,0 cm/11"

20 mm



HB 3652
22,0 cm/8 $\frac{3}{4}$ "

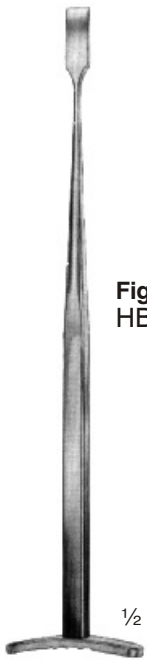


Putti
HB 3653
30,0 cm/12"



Putti
HB 3654
27,0 cm/10 $\frac{1}{2}$ "

Meniskotome
Meniscotomy Knives
Bistouris à ménisques
Bisturías para meniscos



Smillie
 17,0 cm/6¾"



Fig. 1
 HB 3655-01



Fig. 2
 HB 3655-02



Fig. 3
 HB 3655-03



Bircher

HB 3656-01
 19,0 cm/7½"



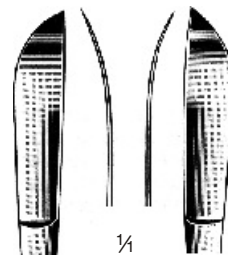
Bircher

HB 3656-02
 19,0 cm/7½"



HB 3657-18
 18,0 cm/7"

doppelschneidig
 double edged
 double tranchant
 doble cortante



HB 3658-01 HB 3658-02



Neff
 22,0 cm/8¾"



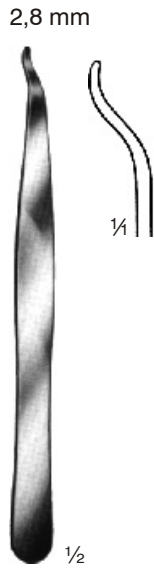
Salenius

HB 3659-01
 22,0 cm/8¾"

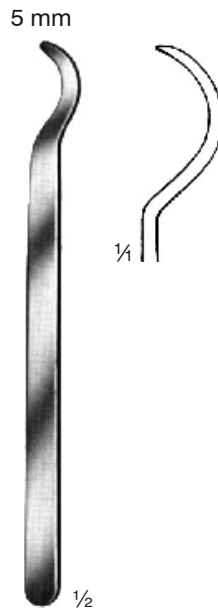


Salenius

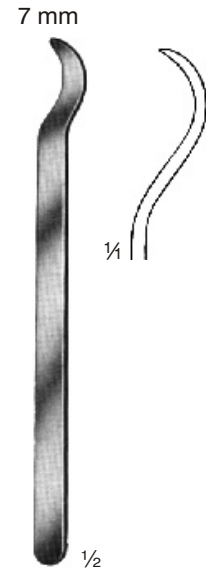
HB 3659-02
 22,0 cm/8¾"



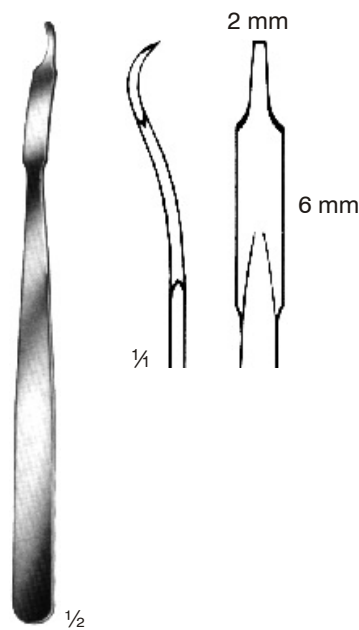
HB 3660-03
 14,0 cm/5 1/2"



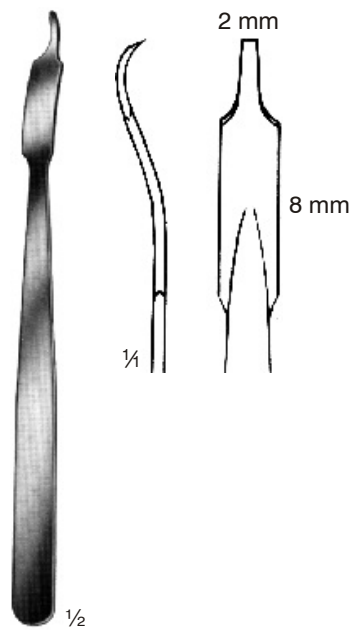
HB 3661-05
 15,0 cm/6"



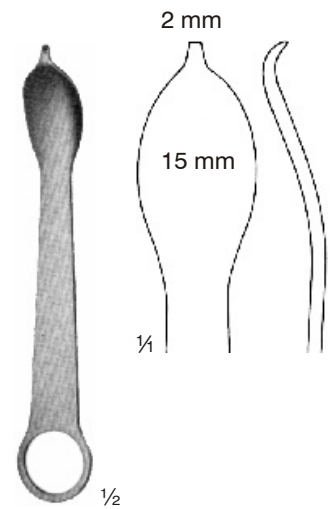
HB 3662-07
 15,0 cm/6"



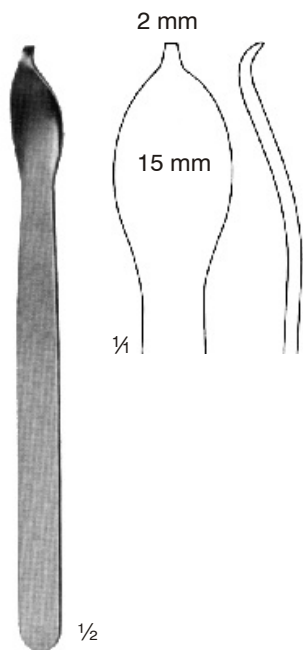
Mini-Hohmann
HB 3664-06
 16,0 cm/6 1/4"



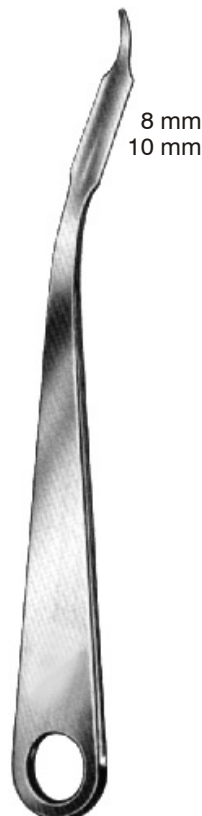
Mini-Hohmann
HB 3664-08
 16,0 cm/6 1/4"



HB 3665-15
 12,5 cm/5"

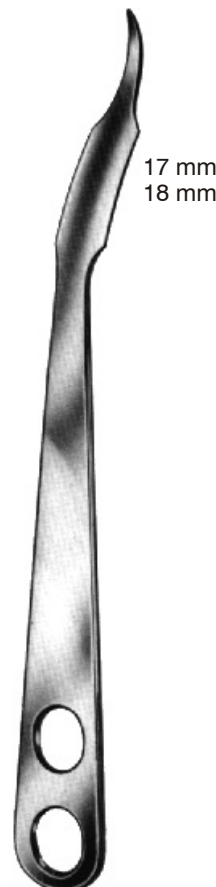


HB 3666-15
 16,0 cm/6¼"



Hohmann
 22,0 cm/8¾"

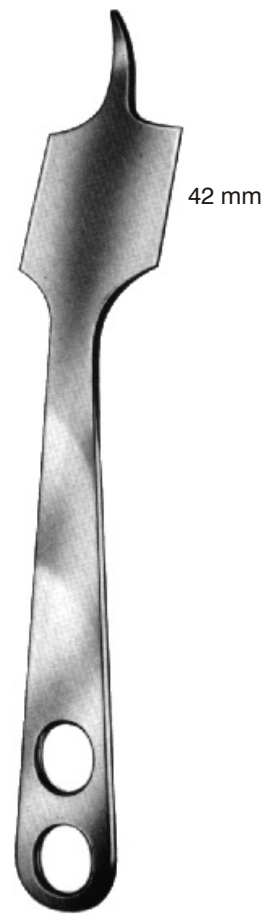
HB 3667-08 8 mm
 HB 3667-10 10 mm



Hohmann
 24,0 cm/9½"

HB 3667-17 17 mm
 spitz, sharp
 pointu, agudo

HB 3667-18 18 mm
 stumpf, blunt
 mousse, romo



Hohmann

HB 3667-42
 24,0 cm/9½"



Hohmann

HB 3667-65
25,5 cm/10"



Hohmann

HB 3668-43
24,0 cm/9½"



Hohmann

HB 3669-22
26,0 cm/10¼"



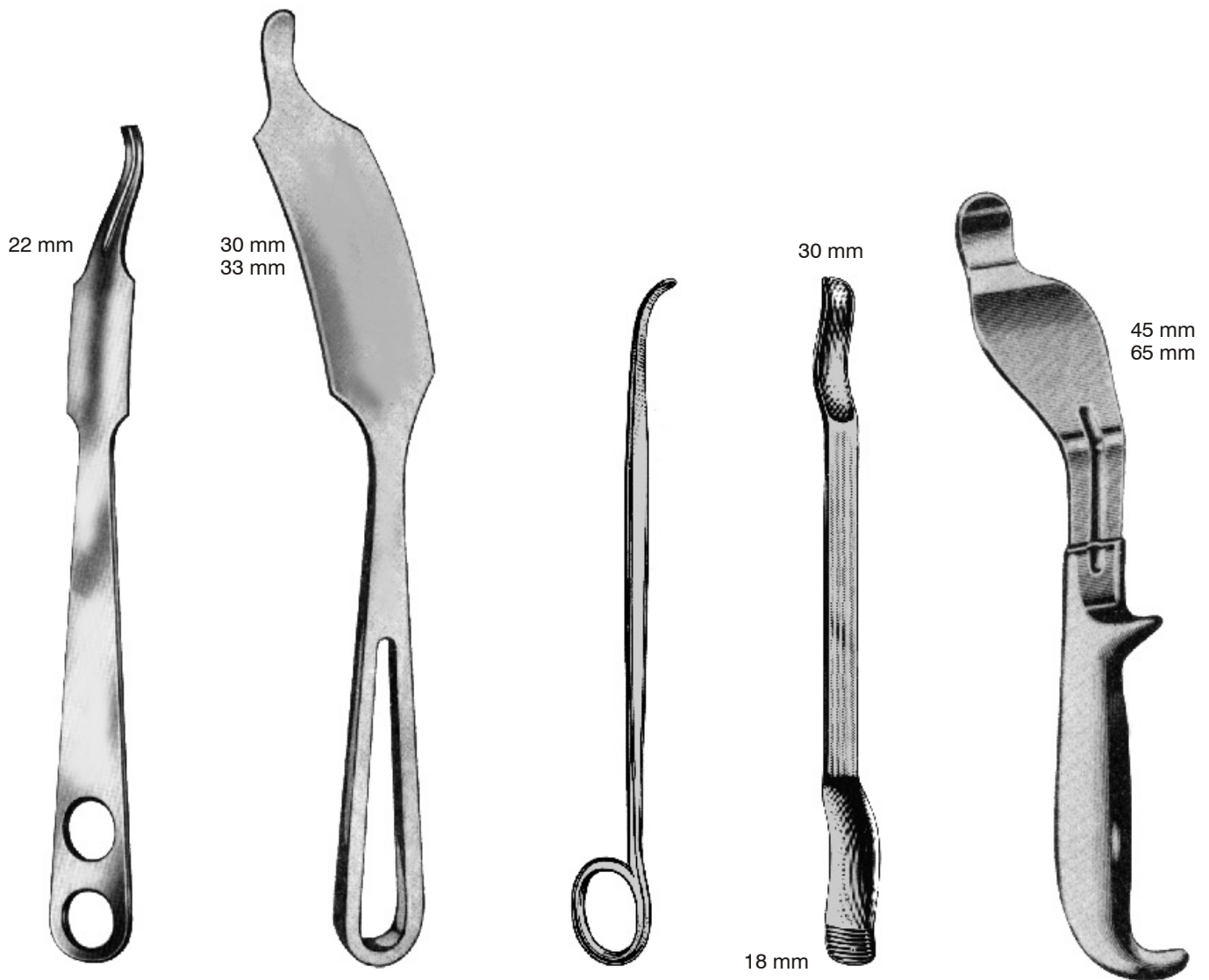
Hohmann

HB 3669-24
27,0 cm/10¾"



Hohmann

HB 3669-34
28,5 cm/11¼"



Lange-Hohmann

HB 3670-22
25,0 cm/10"

Lange-Hohmann modif.

HB 3671-30 30 mm
26,5 cm/10½"

HB 3671-33 33 mm
28,0 cm/11½"

Lane

HB 3673-21
21,5 cm/8½"

Murphy-Lane

HB 3674-34
34,0 cm/13½"

Bennett

24,0 cm/9½"

HB 3675-45 45 mm
HB 3675-65 65 mm

Knochenheber

Bone Levers

Leviers à os

Elevadores para huesos

Bleihände

Lead Hands

Main de plomb

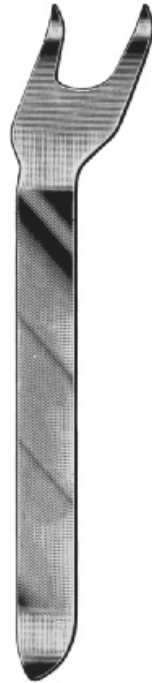
Mano de plomo



38 mm

Blount

HB 3676-01
26,0 cm/10¼"



Blount

HB 3676-02
26,0 cm/10¼"



Meniskushaken
Meniscus retractors
Ecarteurs pour le ménisque
Separadores para menisco

Blount

HB 3677-18
17,5 cm/7"



Spinalhaken
Spinal retractors
Ecarteurs spinaux
Separadores espinales

Taylor
16,5 cm/6½"

HB 3678-07 75 x 30 mm
HB 3678-10 100 x 30 mm



Bleihände
Lead hands
Main de plomb
Mano de plomo

HB 3679-01
für Kinder
for children
pour enfants
para niños

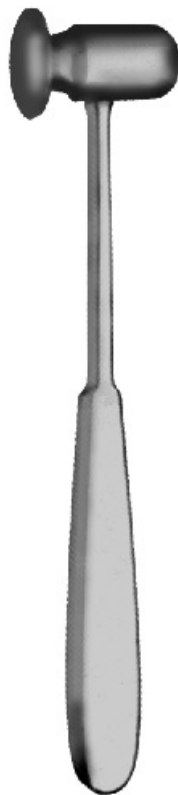
HB 3679-02
für Erwachsene
for adults
pour adultes
para adultos



28 mmØ
340 g (12 oz.)

Williger

HB 3680-28
24,0 cm/9½"

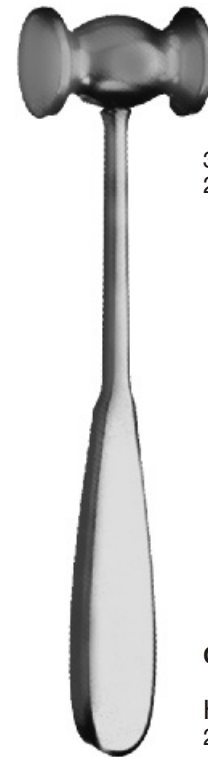


HB 3681-25
25 mmØ
120 g (4¼ oz.)

HB 3681-30
30 mmØ
180 g (6½ oz.)

HB 3681-35
35 mmØ
260 g (9 oz.)

Doyen
21,0 cm/8¼"



30 mmØ
220 g (7¾ oz.)

Collin

HB 3682-30
20,0 cm/8"



25 mmØ
260 g (9 oz.)

Lucae

HB 3683-25
19,0 cm/7½"



20 mmØ
140 g (5 oz.)

bleigefüllt
lead filled
rempli de plomb
relleno de plomo

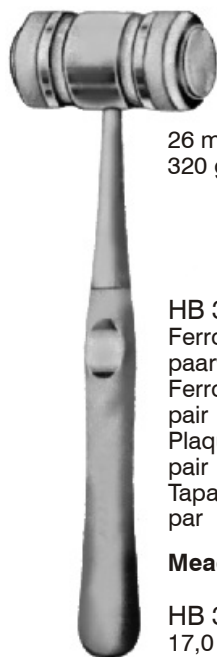
HB 3684-01
16,5 cm/6½"



20 mmØ
140 g (5 oz.)

Messing massiv
solid brass
laiton solide
latón macizo

HB 3684-02
16,5 cm/6½"



26 mmØ
320 g (11¼ oz.)

HB 3685-02
Ferrozellbacken allein,
paarweise
Ferrozell jaws only,
pair
Plaques en matière Ferrozell,
pair
Tapas de Ferrozell sueltas,
par

Mead

HB 3685-17
17,0 cm/6¾"



22 mmØ
200 g (7 oz.)

HB 3686-01
bleigefüllt
lead filled
rempli de plomb
relleno de plomo

HB 3686-02
Stahl, massiv
Steel, solid
Acier, solide
Acero, macizo

Partsch
18,0 cm/7"



25 mmØ
140 g (5 oz.)

HB 3687-02
Ferrozellbacken allein,
paarweise
Ferrozell jaws only,
pair
Plaques en matière Ferrozell,
pair
Tapas de Ferrozell sueltas,
par

HB 3687-25
18,5 cm/7¼"



30 mmØ
240 g (8¼ oz.)

Stahl, massiv
mit Leichtmetallgriff
Steel solid
with light metal handle
Acier solide
avec manche en métal léger
Acero, macizo,
con mango de metal ligero

Cottle

HB 3688-30
18,5 cm/7¼"



27 mmØ
140 g (5 oz.)

Hajek

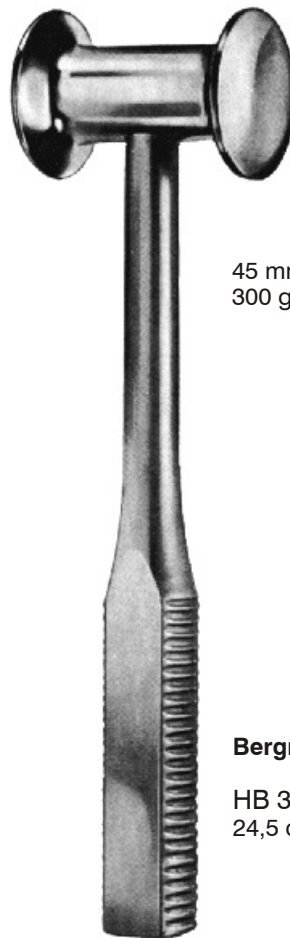
HB 3689-27
21,5 cm/8½"



30 mmØ
300 g (10½ oz.)

Bergmann

HB 3690-30
23,5 cm/9¼"



45 mmØ
300 g (10½ oz.)

Bergmann

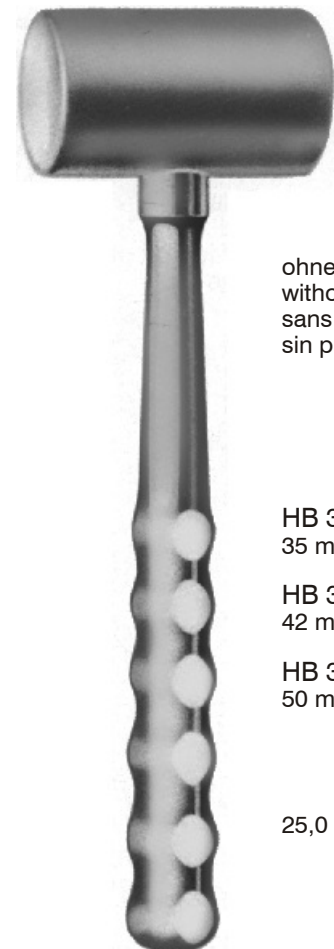
HB 3690-45
24,5 cm/9¾"



40 mmØ
550 g (19 oz.)

Ombredanne

HB 3691-40
24,0 cm/9½"



ohne Blei
without lead
sans plomb
sin plomo

HB 3692-35
35 mmØ

HB 3692-42
42 mmØ

HB 3692-50
50 mmØ

25,0 cm/10"



42 mmØ

30 mmØ

400 g (14 oz.)

Stahl, massiv
mit Leichtmetallgriff
Steel solid
with light metal handle
Acier solide
avec manche en métal léger
Acero, macizo,
con mango de metal ligero

HB 3693-42
24,0 cm/9½"



30 mmØ
510 g (18 oz.)

HB 3695
26,0 cm/10¼"



450 g (1 lb.)

Stahl, massiv
Steel, solid
Acier, solide
Acero, macizo

HB 3694-01
26,5 cm/10½"



900 g (2 lb.)

Stahl, massiv
Steel, solid
Acier, solide
Acero, macizo

HB 3694-02
26,5 cm/10½"



30 mmØ
125 g (4 oz.)

Ferrozell, massiv
Ferrozell, solid
Ferrozell, solide
Ferrozell, macizo

HB 3696-18
18,0 cm/7"

Knochenhaltezangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



HB 3700-01
 gerade
 straight
 droite
 recta



20,0 cm/8"

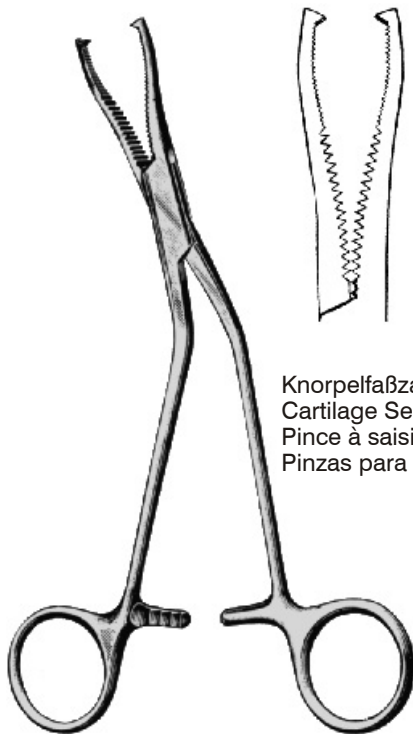


HB 3700-02
 aufgebogen
 curved on flat
 courbe vers le haut
 curva sobre el plano



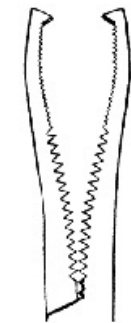
HB 3701-14
 14,0 cm/5½"

Sequesterzangen
 Sequestum Forceps
 Pince à séquestre
 Pinza para secuestros



Dingmann

HB 3702
 19,0 cm/7½"



Knorpelfaßzange
 Cartilage Seizing Forceps
 Pince à saisir cartilages
 Pinzas para coger cartílagos



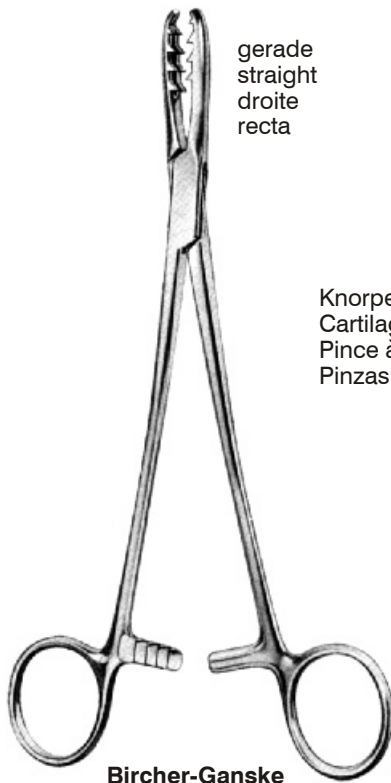
HB 3703
 12,0 cm/4¾"



Lewin

HB 3704-17
 17,5 cm/7"

Knochenhaltezangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



gerade
 straight
 droite
 recta

Bircher-Ganske

HB 3705-01
 20,0 cm/8"



gebogen
 curved
 courbe
 curva

Bircher-Ganske

HB 3705-02
 20,0 cm/8"

Knorpelfaßzangen
 Cartilage Seizing Forceps
 Pince à saisir cartilages
 Pinzas para coger cartílagos



Setter

HB 3706-16
 16,0 cm/6¼"
 HB 3706-24
 24,0 cm/9½"



Semb

HB 3707
 19,0 cm/7½"

ohne Sperre
 without ratchet
 sans crémaillère
 sin cremallera



Semb

HB 3708
 19,0 cm/7½"

mit Sperre
 with ratchet
 avec crémaillère
 con cremallera

Knochenhaltezangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



Van Buren
 HB 3709
 23,0 cm/9"



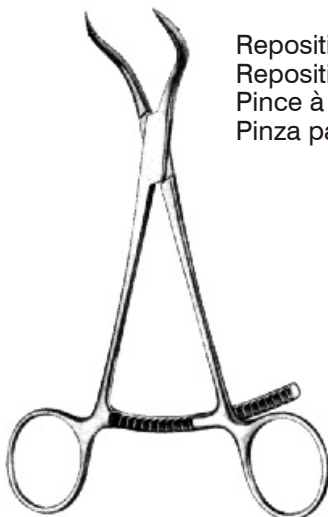
Langenbeck
 HB 3710
 21,0 cm/8¼"



Farabeuf
 HB 3711
 23,0 cm/9"
 HB 3712
 26,0 cm/10¼"



Fergusson
 HB 3713
 21,0 cm/8¼"



Repositionszange
 Reposition Forceps
 Pince à réduction
 Pinza para reposición

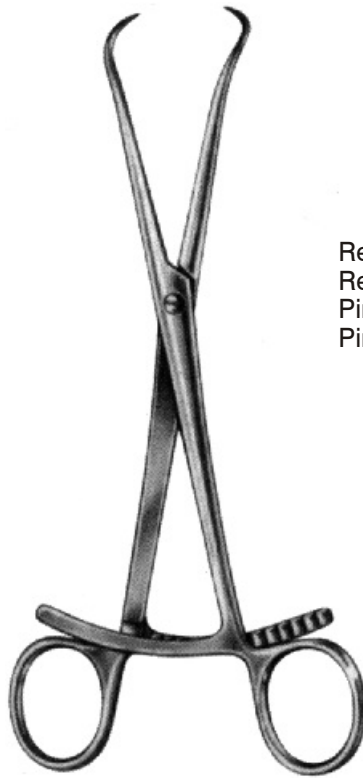
HB 3714
 13,5 cm/5¼"



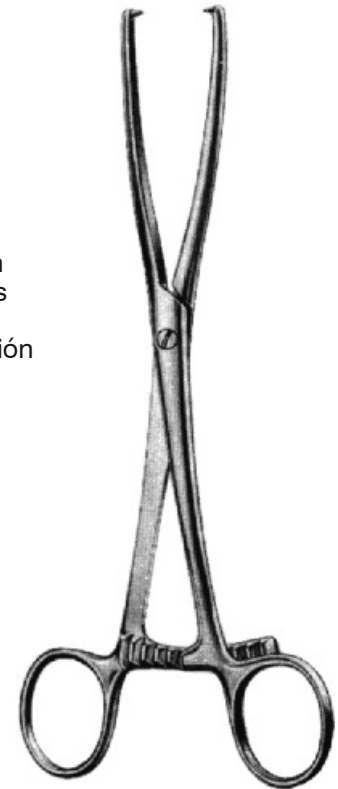
Farabeuf-Lambotte
 HB 3715
 26,0 cm/10¼"
 mit Sperre
 with ratchet
 avec crémaillère
 con cremallera



HB 3716-20
 20,0 cm/8"

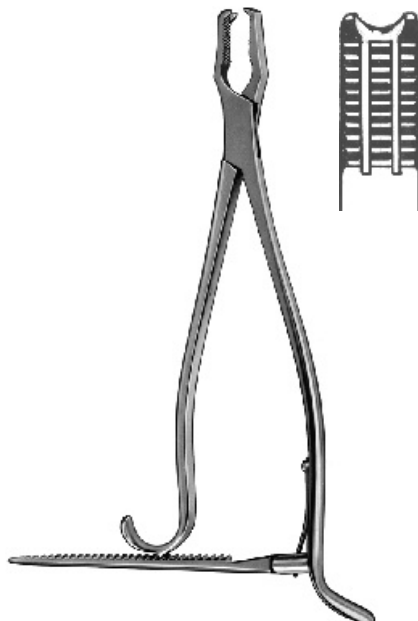


HB 3717-01
 20,0 cm/8"



HB 3717-02
 21,0 cm/8¼"

Repositionszangen
 Reposition Forceps
 Pince à réduction
 Pinza para reposición



Baby-Kern

HB 3718
 15,0 cm/6"
 mit Sperre
 with ratchet
 avec crémaillère
 con cremallera

HB 3719
 15,0 cm/6"
 ohne Sperre
 without ratchet
 sans crémaillère
 sin cremallera

Knochenhaltezangen
Bone Holding Forceps
Davier à os
Pinzas para huesos



Kern

HB 3718-17
 17,0 cm/6¾"

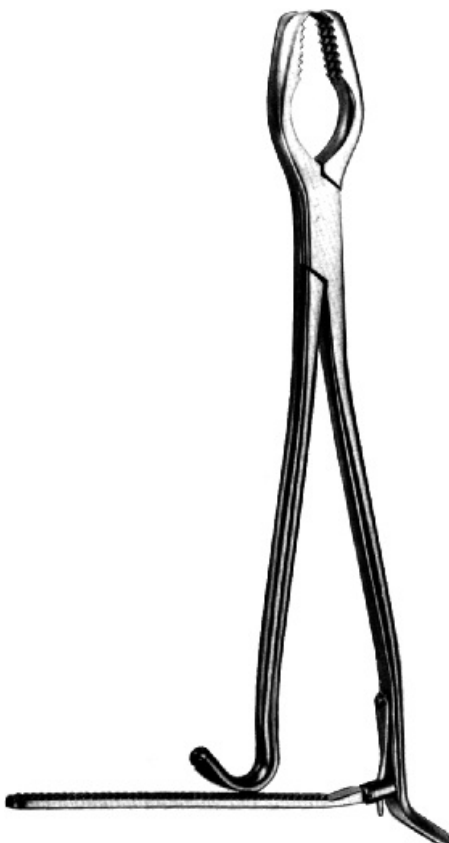
HB 3720
 21,0 cm/8¼"

mit Sperre
 with ratchet
 avec crémaillère
 con cremallera

HB 3719-17
 17,0 cm/6¾"

HB 3721
 21,0 cm/8¼"

ohne Sperre
 without ratchet
 sans crémaillère
 sin cremallera



Lane

HB 3722
 33,0 cm/13"

HB 3724
 45,0 cm/17¾"

mit Sperre
 with ratchet
 avec crémaillère
 con cremallera

HB 3723
 33,0 cm/13"

HB 3725
 45,0 cm/17¾"

ohne Sperre
 without ratchet
 sans crémaillère
 sin cremallera





Lambotte

HB 3727 22,0 cm/8¾"
 HB 3728 26,0 cm/10¼"
 HB 3729 33,0 cm/13"

gerade
 straight
 droite
 recta



Lambotte

HB 3730 19,0 cm/7½"
 HB 3731 23,0 cm/9"
 HB 3732 26,0 cm/10¼"

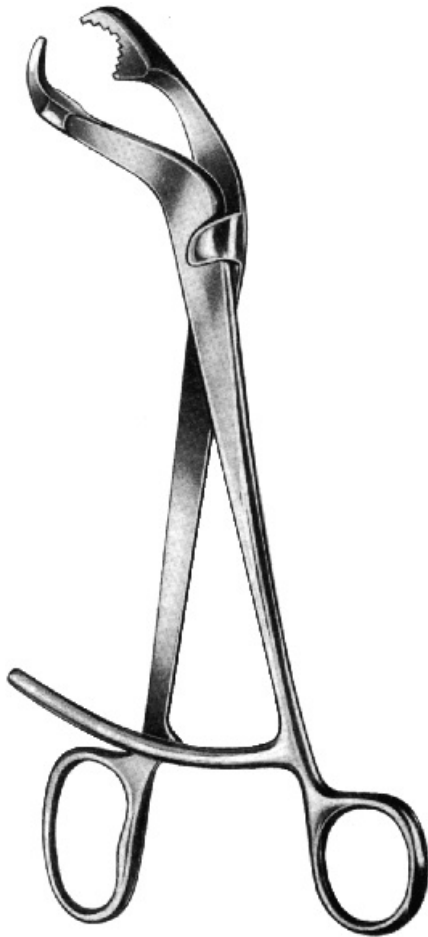
rechtswärts gebogen
 right angled
 courbe à droite
 curva a la derecha



Lambotte

HB 3733 22,0 cm/8¾"
 HB 3734 27,0 cm/10¾"
 HB 3735 30,0 cm/11¾"

verstellbar
 adjustable
 ajustable
 ajustable



Verbrugge

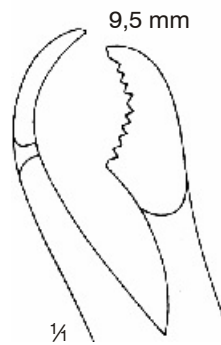


Fig. 1
HB 3736
 25,0 cm/10"

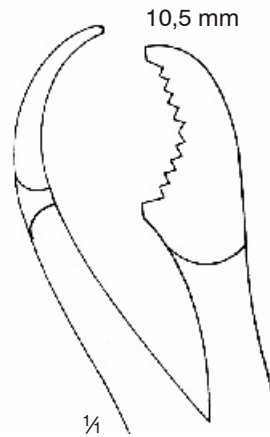


Fig. 2
HB 3737
 26,0 cm/10¼"

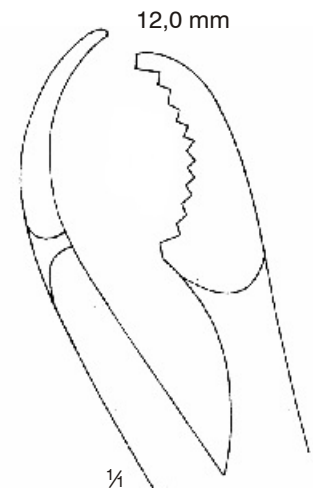
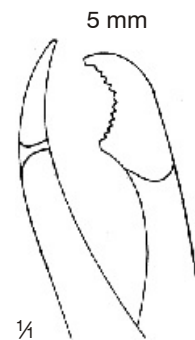


Fig. 3
HB 3738
 27,0 cm/10¾"



Verbrugge-Baby

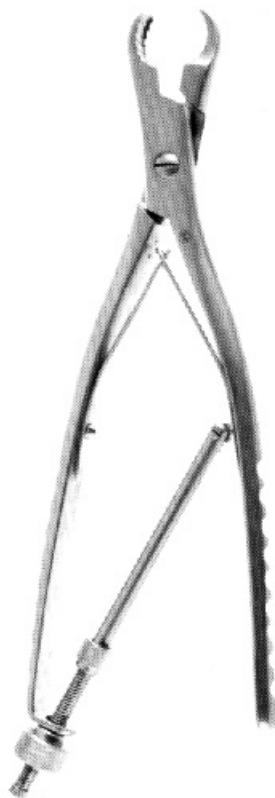


HB 3739
 17,5 cm/7"



Verbrugge

Fig. 00	HB 3740	15,0 cm/6"	2,5 mm
Fig. 0	HB 3741	19,0 cm/7½"	6,5 mm
Fig. 1	HB 3742	24,0 cm/9½"	9,5 mm
Fig. 2	HB 3743	26,0 cm/10¼"	10,0 mm
Fig. 3	HB 3744	28,0 cm/11"	11,0 mm



Ulrich

HB 3745	23,0 cm/9"
HB 3746	25,0 cm/10"
HB 3747	28,0 cm/11"

gerade
 straight
 droite
 recta



Ulrich

HB 3748	28,0 cm/11"
---------	-------------

seitwärts gebogen
 curved sideways
 courbe sur le côté
 curva al lado

Hohlmeisselzangen
Bone Rongeur Forceps
Pincès-gouges
Pinzas-gubias



Luer
 15,0 cm/6"



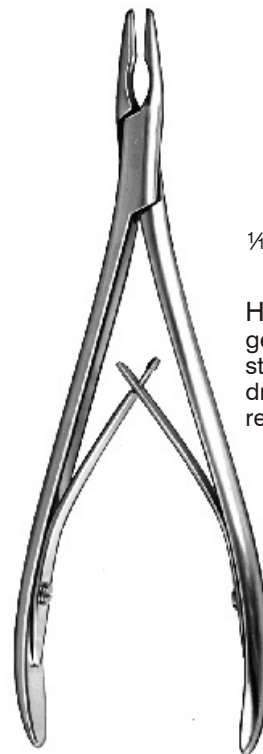
Fig. 1
 HB 3750-01



Fig. 2
 HB 3750-02



Fig. 3
 HB 3750-03



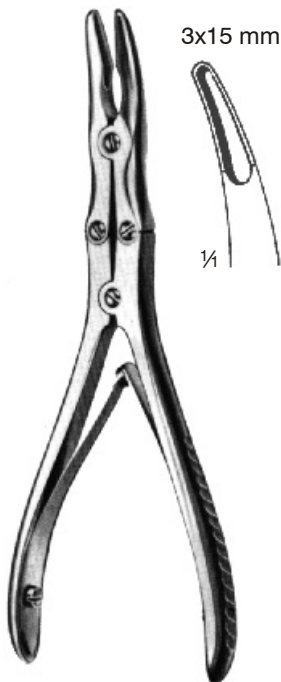
Lempert
 19,0 cm/7½"



HB 3751-19
 gerade
 straight
 droite
 recta



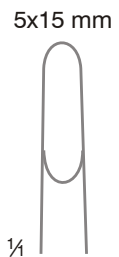
HB 3752-19
 gebogen
 curved
 courbe
 curva



Beyer
 HB 3753
 18,0 cm/7"



Ruskin
 18,0 cm/7"



HB 3754
 gerade
 straight
 droite
 recta



HB 3755
 gebogen
 curved
 courbe
 curva



Röttgen-Ruskin
 HB 3754-23
 23,0 cm/9"







HB 3754-23
 gerade
 straight
 droite
 recta



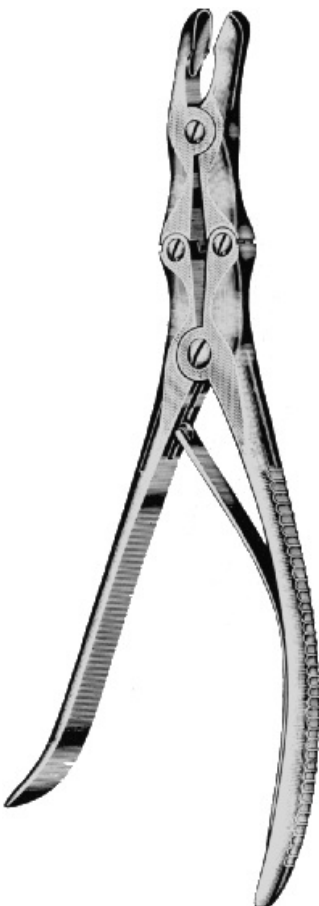
HB 3755-23
 gebogen
 curved
 courbe
 curva



Hohlmeisselzangen
Bone Rongeur Forceps
Pinces-gouges
Pinzas-gubias



	10 mm	10 mm	17 mm	17 mm
				
	1/4			
	HB 3756 22,0 cm/8 ³ / ₄ "	HB 3757 22,0 cm/8 ³ / ₄ "	HB 3756-27 27,0 cm/10 ³ / ₄ "	HB 3757-27 27,0 cm/10 ³ / ₄ "
	gerade straight droite recta	gebogen curved courbe curva	gerade straight droite recta	gebogen curved courbe curva

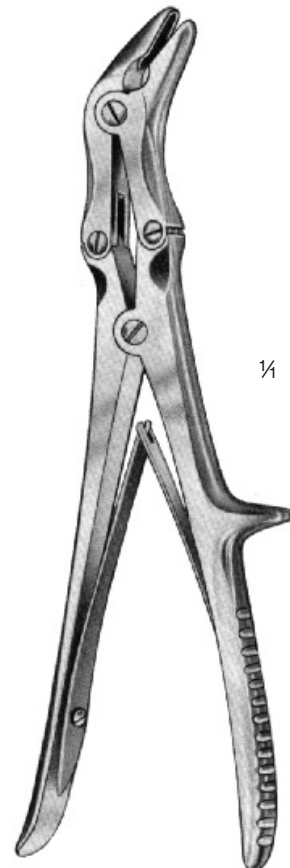
Stille-Luer



	4 mm	8 mm
		
	1/4	
	HB 3758-04	HB 3758-08

Leksell-Stille

24,0 cm/9¹/₂"



	7 mm
	
	1/4

Stille

HB 3758-23
23,0 cm/9"

Hohlmeisselzangen
Bone Rongeur Forceps
Pinces-gouges
Pinzas-gubias



Luer
 17,0 cm/6³/₄"



HB 3759

gerade
 straight
 droite
 recta



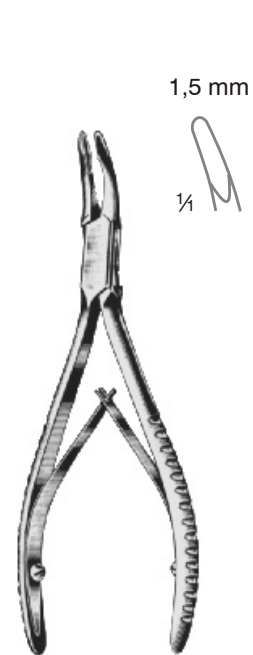
HB 3760

gebogen
 curved
 courbe
 curva



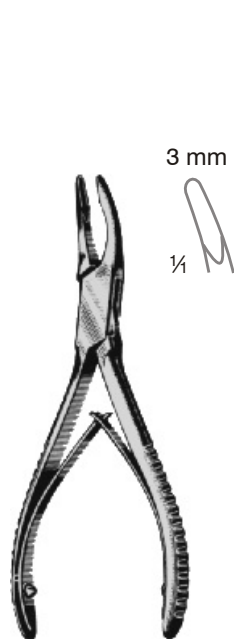
Luer-Friedmann

HB 3761
 14,0 cm/5¹/₂"



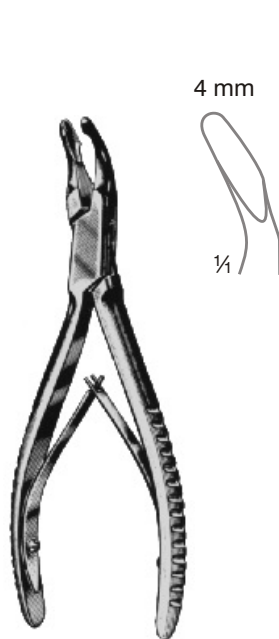
Micro-Friedmann

HB 3761-02
 14,0 cm/5¹/₂"



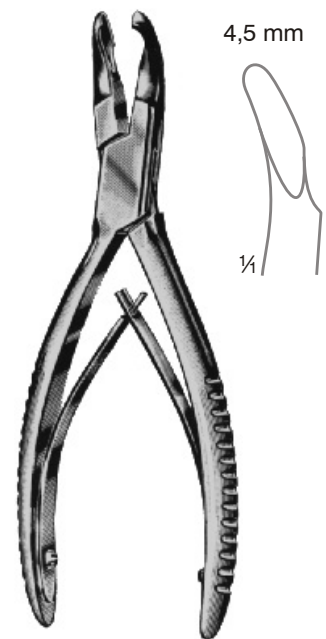
Mini-Friedmann

HB 3761-03
 12,0 cm/5"



Cleveland

HB 3762
 14,0 cm/5¹/₂"

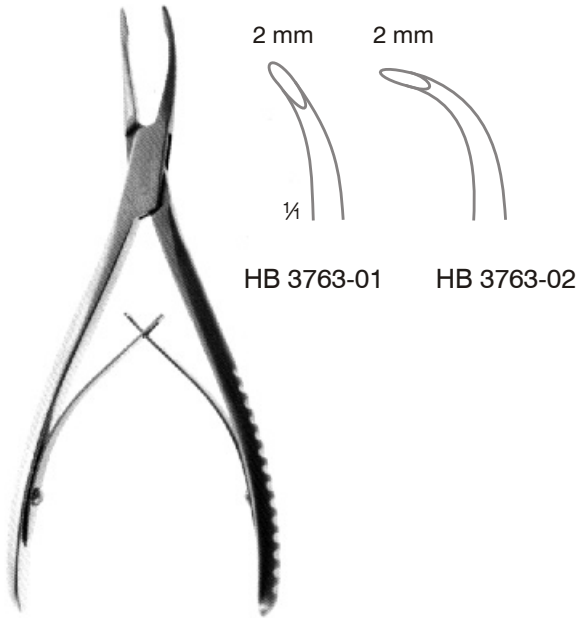


Cleveland

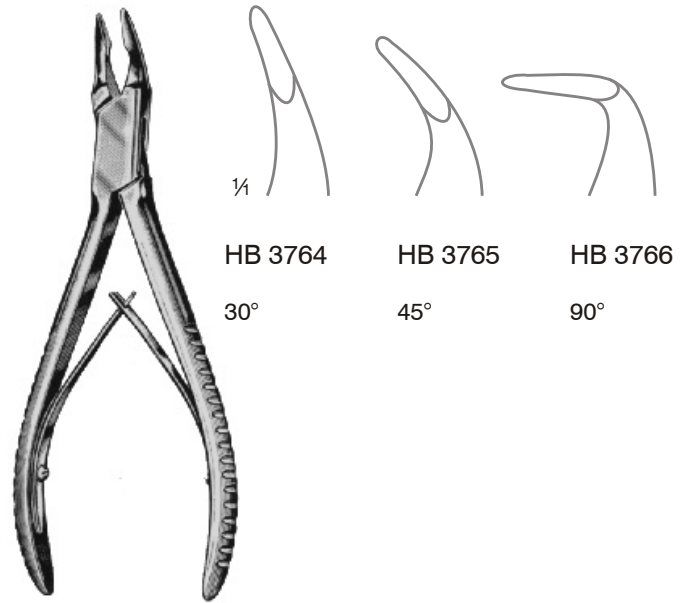
HB 3763
 17,0 cm/6³/₄"



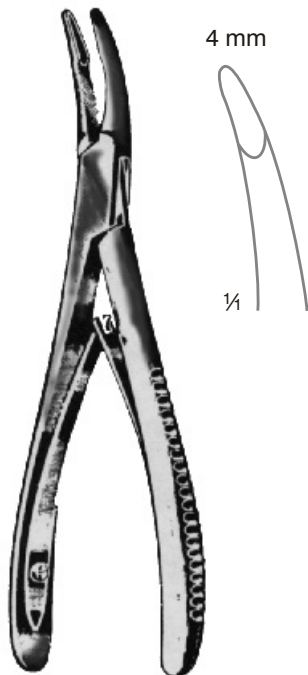
Hohlmeisselzangen
Bone Rongeur Forceps
Pinces-gouges
Pinzas-gubias



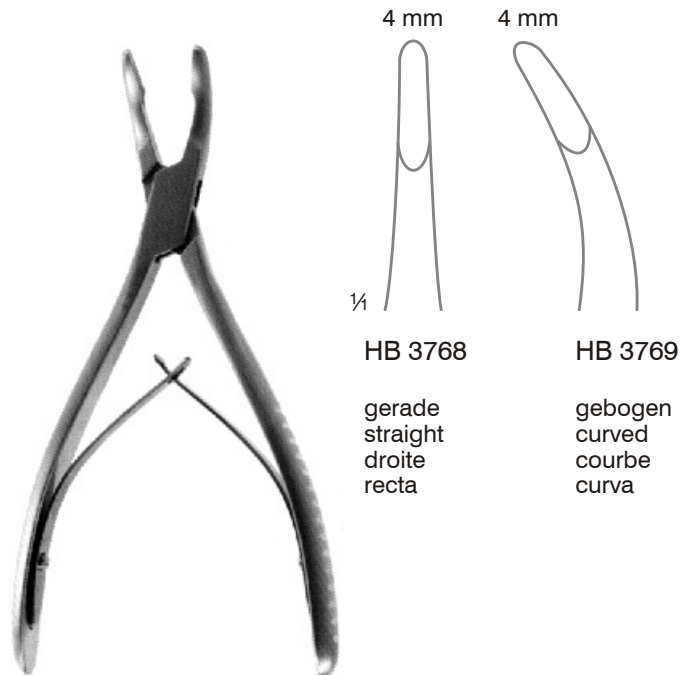
Stellbrink
 17,0 cm/6³/₄"



Blumenthal
 15,5 cm/6"



Zaufal
 HB 3767
 17,0 cm/6³/₄"

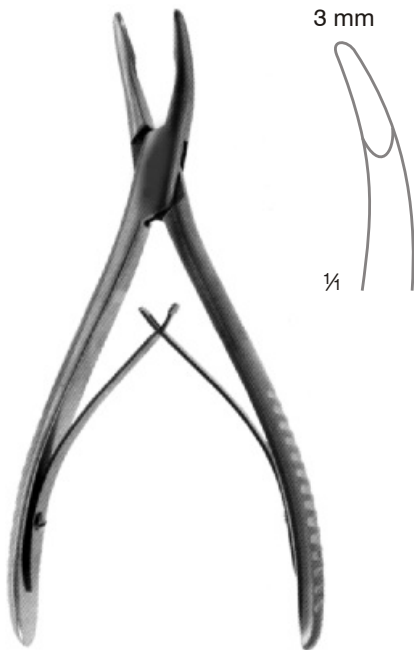


Jansen
 17,0 cm/6³/₄"

HB 3768
 gerade
 straight
 droite
 recta

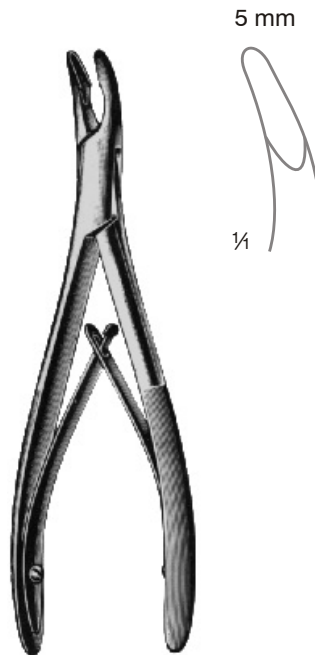
HB 3769
 gebogen
 curved
 courbe
 curva

Hohlmeisselzangen
Bone Rongeur Forceps
Pinces-gouges
Pinzas-gubias



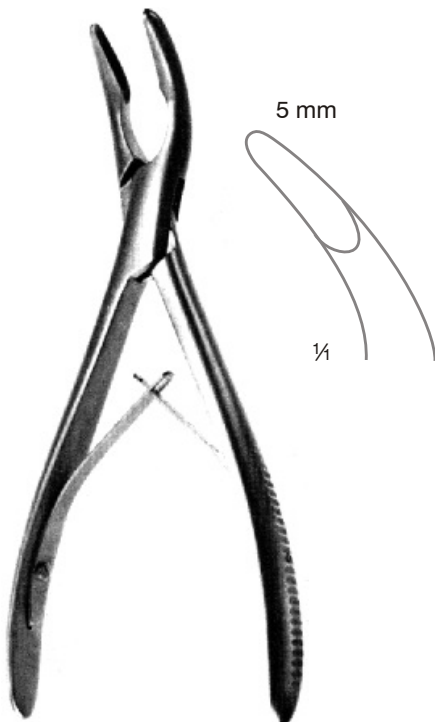
Beyer

HB 3770
 18,0 cm/7"



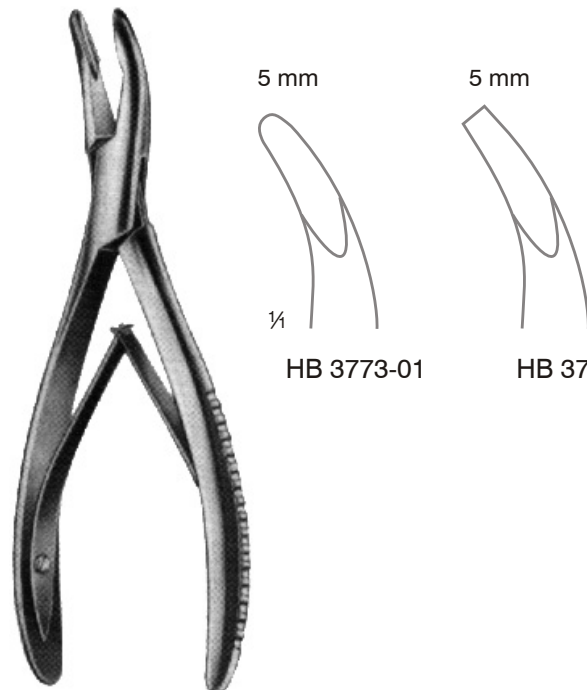
Bane (Hartmann)

HB 3771
 17,0 cm/6 3/4"



Olivecrona

HB 3772
 19,0 cm/7 1/2"



Mead

16,5 cm/6 1/2"

HB 3773-01

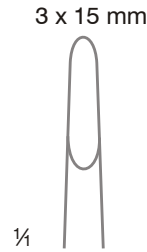
HB 3773-02

Hohlmeisselzangen
Bone Rongeur Forceps
Pinces-gouges
Pinzas-gubias



Adson

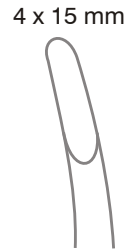
HB 3774
 20,0 cm/8"



HB 3775
 gerade
 straight
 droite
 recta

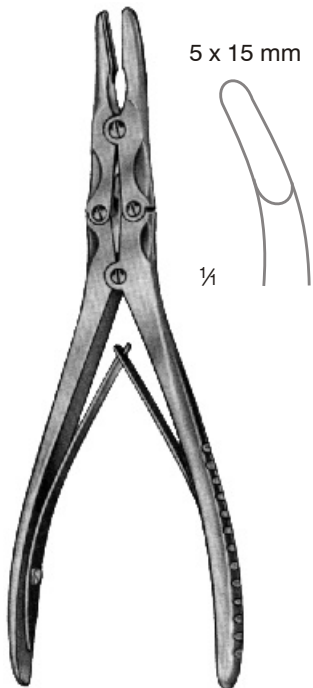


HB 3776
 gebogen
 curved
 courbe
 curva



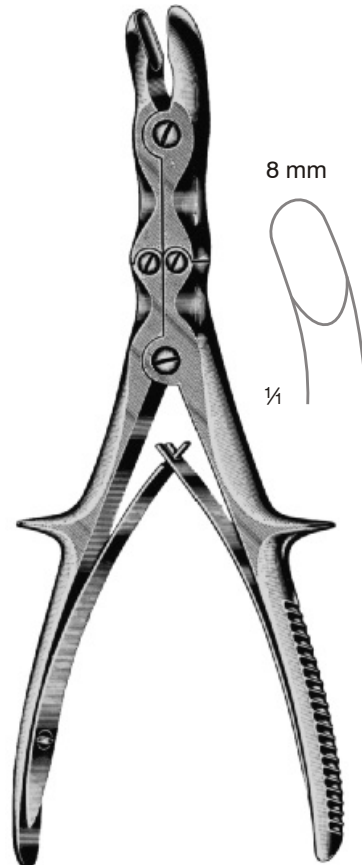
HB 3777
 gebogen
 curved
 courbe
 curva

Böhler
 15,0 cm/6"



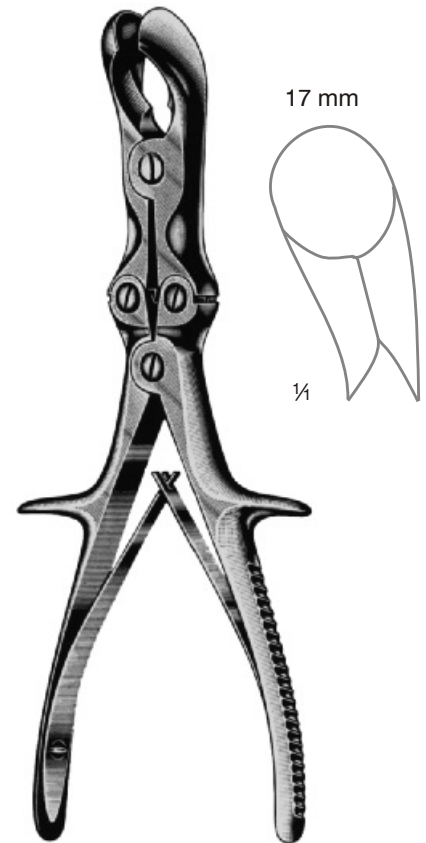
Zaufal-Jansen

HB 3778
 18,0 cm/7"



Stille-Ruskin

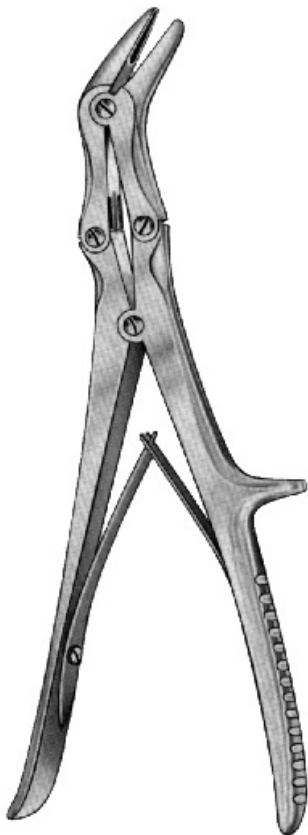
HB 3779
 23,0 cm/9"






Semb

HB 3780
 22,5 cm/8 3/4"

Hohlmeisselzangen
Bone Rongeur Forceps
Pinces-gouges
Pinzas-gubias






2 x 10 mm	3 x 10 mm	4 x 10 mm
		
1/4		
HB 3781	HB 3782	HB 3783

seitwärts gebogen
 curved sideways
 courbe sur le côté
 curva al lado

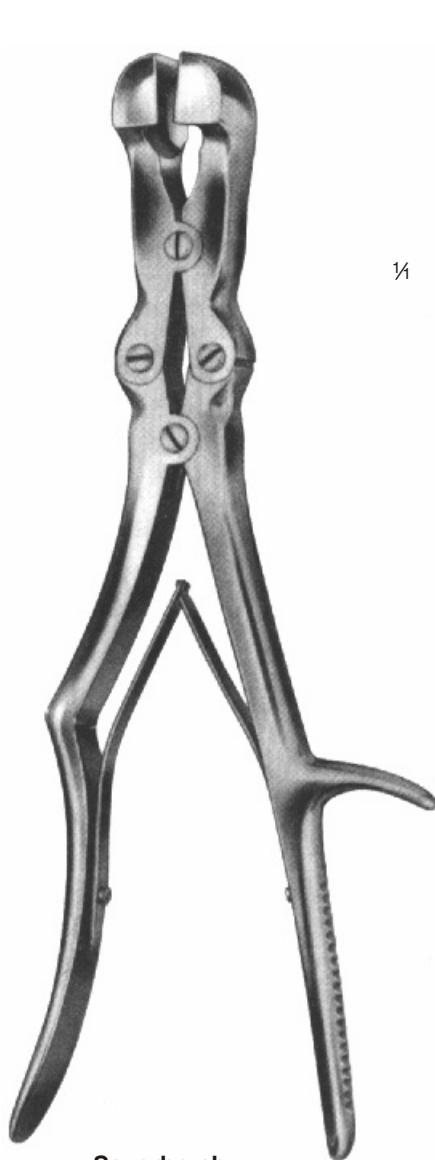
Echlin
 23,0 cm/9"



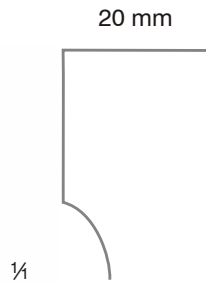
3 mm	3 mm	3 mm
		
1/4		
HB 3784 19,0 cm/7½"	HB 3785 19,0 cm/7½"	HB 3786 19,0 cm/7½"
HB 3787 24,0 cm/9½"	HB 3788 24,0 cm/9½"	HB 3789 24,0 cm/9½"
gerade straight droite recta	leicht gebogen slightly curved courbe légèrement curva ligeramente	stark gebogen fully curved courbe fortement curva fuertemente

Smith-Petersen

Hohlmeisselzangen
Bone Rongeur Forceps
Pinces-gouges
Pinzas-gubias



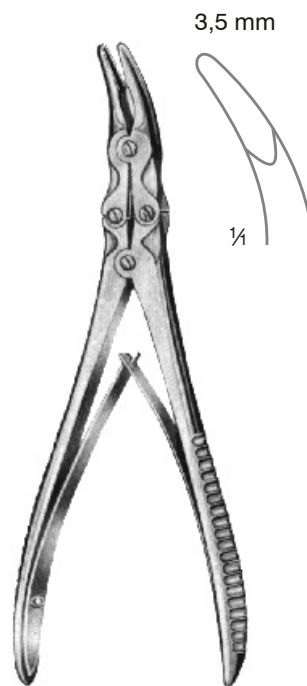
Sauerbruch
 30,0 cm/11 $\frac{3}{4}$ "



HB 3790

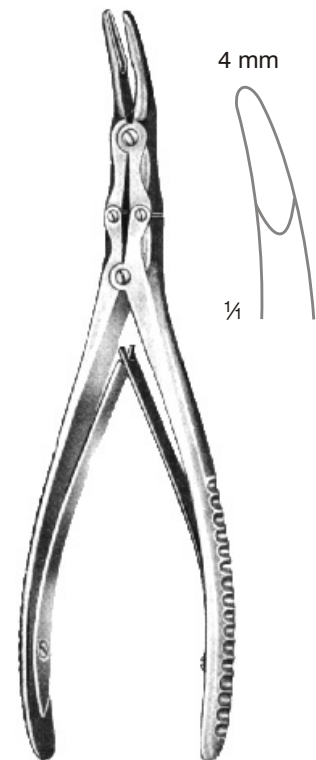


HB 3791



Mayfield

HB 3792
 17,0 cm/6 $\frac{3}{4}$ "



Marquardt

HB 3793
 20,0 cm/8"



Knochensplitterzangen
Bone Cutting Forceps
Pinces coupantes à os
Pinzas cortantes para huesos



gerade
straight
droite
recta

HB 3814 14,0 cm/5½"
 HB 3817 17,0 cm/6¾"
 HB 3819 19,0 cm/7½"
 HB 3822 22,0 cm/8¾"

Liston



gebogen
curved
courbe
curva

HB 3824
 HB 3827
 HB 3829
 HB 3832



¼



HB 3838
gerade
straight
droite
recta



HB 3839
gebogen
curved
courbe
curva

Liston-Mini
15,0 cm/6"



gerade
straight
droite
recta

Stille-Liston

HB 3840
27,0 cm/10½"



HB 3841
27,0 cm/10½"
gebogen
curved
courbe
curva



Liston-Key

HB 3842
27,0 cm/10½"



Stille-Liston

HB 3843
27,0 cm/10½"

Knochensplitterzangen
Bone Cutting Forceps
Pinces coupantes à os
Pinzas cortantes para huesos



HB 3844
15,0 cm/6"



HB 3845
17,0 cm/6³/₄"

Cleveland
gebogen
curved
courbe
curva



HB 3846
gerade
straight
droite
recta



HB 3847
nach vorn gebogen
curved forward
courbe en avant
curva hacia delante



HB 3848
nach hinten gebogen
curved backward
courbe en arrière
curva hacia atrás



HB 3849
gebogen
curved
courbe
curva

Böhler
15,0 cm/6"

Mc Indoe
17,0 cm/6³/₄"

Knochensplitterzangen
Bone Cutting Forceps
Pinces coupantes à os
Pinzas cortantes para huesos



Ruskin
18,0 cm/7"



HB 3850
gerade
straight
droite
recta



HB 3851
gebogen
curved
courbe
curva



Ruskin-Liston
18,0 cm/7"



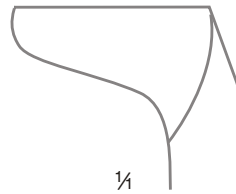
HB 3852
gerade
straight
droite
recta



HB 3853
gebogen
curved
courbe
curva



Semb
HB 3854
23,0 cm/9"



seitwärts gebogen
sideways curved
courbe sur le côté
curva al lado

Knochenhalteklammern
Bone Holding Clamps
Pinces porte-os
Pinzas porta-huesos



1 x 1



Lowman

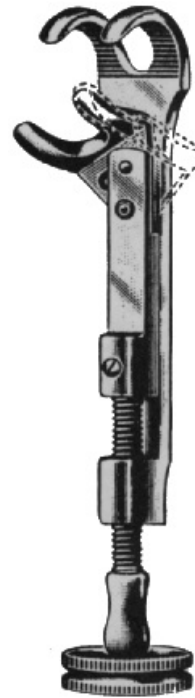
HB 3855-12 12,0 cm/4¾"
 HB 3855-18 18,0 cm/7"
 HB 3855-20 20,0 cm/8"

1 x 2



Lowman

HB 3856-12 12,0 cm/4¾"
 HB 3856-18 18,0 cm/7"
 HB 3856-20 20,0 cm/8"
 HB 3856-22 22,0 cm/8¾"



Lowman-Baby

HB 3857-13
 13,0 cm/4¾"

Lowman-Hoglund

HB 3857-18
 18,0 cm/7"



Gerster

HB 3858
 15,0 cm/6"

Distraktionsklammer
 Traction bar
 Clamp porte-os
 Barra de tracción

