

KNOCHEN - CHIRURGIE
BONE SURGERY
CIRURGIA ORTOPEDICA
CHIRURGIE OSSEUSE

ELCON
MEDICAL INSTRUMENTS GmbH

390 - 419

**KNOCHEN - CHIRURGIE
BONE SURGERY
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ELCON

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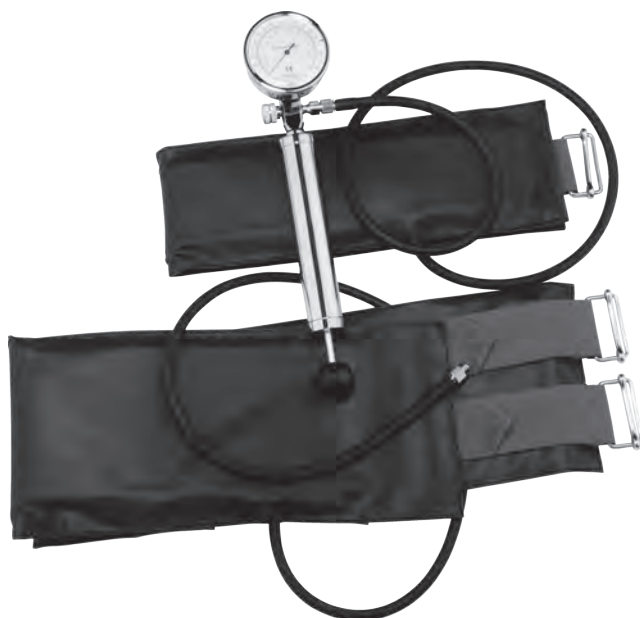
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390-100

Komprimeter zur Erzeugung einer Bluteleere in den Extremitäten, Manometer mit Meßbereich bis 700mm Hg. Komplett bestehend aus:

- 390-102 1 Oberarm Manschette
- 390-103 1 Oberschenkel Manschette
- 390-101 1 Luftpumpe
- 390-104 1 Manometer

Comprimeter: Compression apparatus for producing exsanguination in the extremities. Manometer registers up to 700mm Hg. Complete consisting of:

- 390-102 1 Cuff for the arm
- 390-103 1 Cuff for the leg
- 390-101 1 Pump
- 390-104 1 Manometer

Torniquete para producir una isquemia local en las extremidades. Manómetro ajustado hasta 700mm Hg. Completo, compuesto de:

- 390-102 1 Brazaletes para el brazo
- 390-103 1 Brazaletes para el muslo
- 390-101 1 Bomba de aire
- 390-104 1 Manómetro

Appareil compresseur permettant de créer une ischémie dans les extrémités. Manomètre ajusté jusqu'à 700mm Hg. Complet, composé de:

- 390-102 1 Manchette pour les cuisse
- 390-103 1 Manchette pour la bras
- 390-101 1 Pompe à air
- 390-104 1 Manomètre

390-105

Kindermanschette
Cuff for children
Brazaletes para niños
Manchette pour les enfants



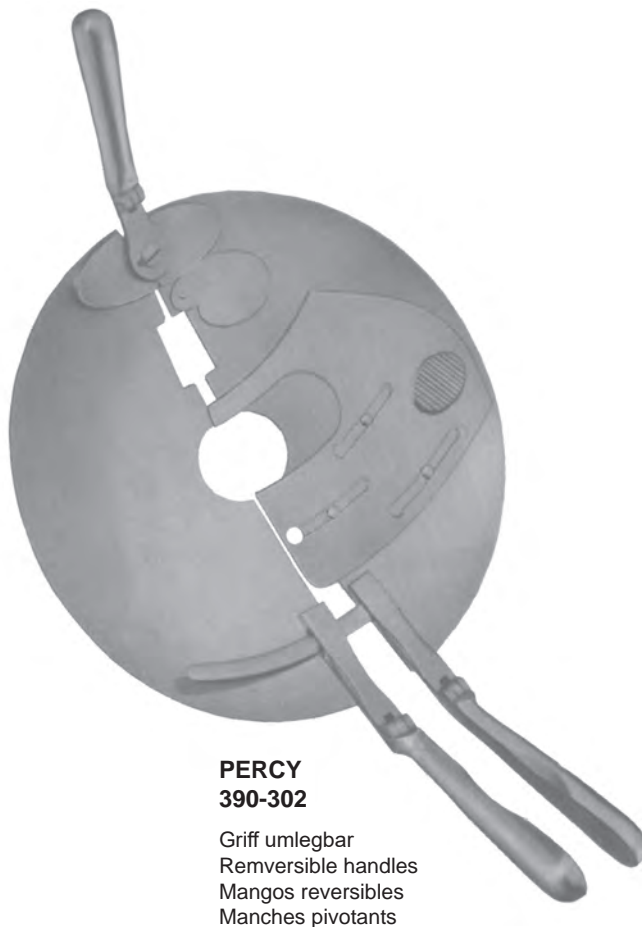
ESMARCH 390-122

Staubinde 5m lang und 100mm breit
Compression bandage 5m long and 100mm wide
Venda-compresión 5m largo y 100mm ancho
Bande compressive 5m long et 100mm large



**PERCY
390-300**

Griff abnehmbar
Removable handles
Mangos desmontables
Manches démontables



**PERCY
390-302**

Griff umlegbar
Remversible handles
Mangos reversibles
Manches pivotants



390-441 4mm
390-442 6mm
390-443 8mm

Ersatzsägeblatt (kein Medizinprodukt)
spare saw blade (no medical device)
hoja de repuesto (no es un producto sanitario)
lame de rechange (pas de produit médical)

**BIER
390-440**
390mm, 15 3/8"

komplett mit je 1 Sägeblatt 4mm, 6mm, 8mm
complete with 1 each saw blade 4mm, 6mm, 8mm
completo con 1 hoja de 4mm, 6mm, 8mm
complet avec 1 lame de 4mm, 6mm, 8mm



LANGENBECK
390-400 235mm, 9 1/2"



CHARRIERE
390-410 270mm, 10 3/4"

390-400

Ersatzsägeblatt (kein Medizinprodukt)
spare saw blade (no medical device)
hoja de repuesto (no es un producto sanitario)
lame de rechange (pas de produit médical)



SATTERLEE
390-420 300mm, 12"

390-421

Ersatzsägeblatt (kein Medizinprodukt)
spare saw blade (no medical device)
hoja de repuesto (no es un producto sanitario)
lame de rechange (pas de produit médical)



CHARRIERE
390-430 350mm, 13 3/4"

komplett mit je 1 Sägeblatt 12mm, 18mm
complete with 1 each saw blade 12mm, 18mm
completo con 1 hoja de 12mm, 18mm
complet avec 1 lame de 12mm, 18mm

390-431 12mm
390-432 18mm

Ersatzsägeblatt (kein Medizinprodukt)
spare saw blade (no medical device)
hoja de repuesto (no es un producto sanitario)
lame de rechange (pas de produit médical)



BAILEY-DEMARTEL
340-835
330mm, 13"



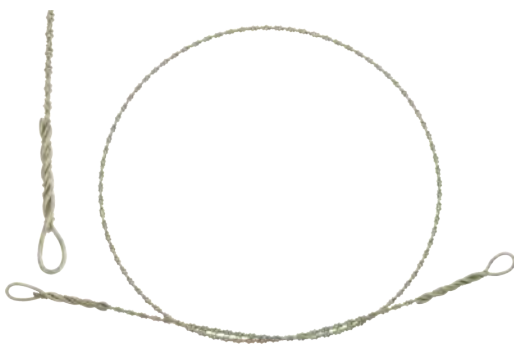
GIGLI
390-500

Paar
pair
paire
par



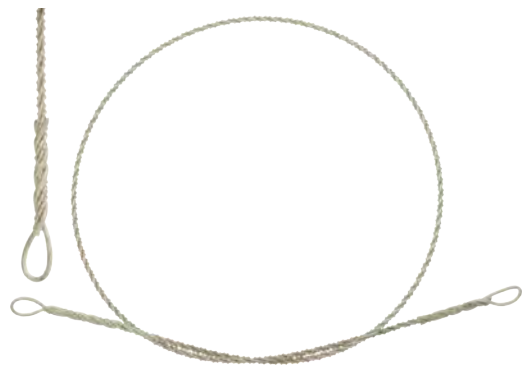
GIGLI
390-501

Paar
pair
paire
par



GIGLI OLIVECRONA

	Länge length longueur longitud	Durchmesser diameter diametre diametro
390-512-30	300mm	1,2mm
390-512-40	400mm	1,2mm
390-512-50	500mm	1,2mm
390-512-60	600mm	1,2mm
390-512-70	700mm	1,2mm



GIGLI OLIVECRONA

	Länge length longueur longitud	Durchmesser diameter diametre diametro
390-514-30	300mm	1,4mm
390-514-40	400mm	1,4mm
390-514-50	500mm	1,4mm
390-514-60	600mm	1,4mm
390-514-70	700mm	1,4mm



MARTIN
400-331 210mm, 8 1/4"



ENGEL
400-410 150mm, 6"



HOPKINS
400-300 200mm, 8"



ESMARCH
400-310 180mm, 7"

04-MST-00001 Plaster Saw, 230 V / 50-60 Hz

04-MST-00003 Plaster Saw, 110 V / 50-60 Hz

complete with:

- 1 x sawblade Ø 50mm for standard plaster (**04-MST-00004**)
- 1 x sawblade Ø 65mm (**04-MST-00007**)
- 1 x pair of wrenches
- 1 x instruction manual

TECHNICAL DATA

- 500 Watt power
- 3500 bis 24000 oscillations, infinitely variable
- Fully automatic power-compensation
- Slim motor design with silent motor 52 – 77 dB(A)
- Soft Start at switch-on to minimize accident risk and to save all mechanical and electrical components
- Safety ON / OFF switch
- Weight only 1,25 kg without cable
- Vibration- and maintenance-free
- 5 meter cable with EU-connection, 230 Volt
3 meter cable with US-connection, 110 Volt
- Double protection isolation according to class II, medical use of type BF
- Radio and TV suppressed
- CE conformity
- EN 60601-1, EN 60601-1-2, IEC 60601-1,
- 2 years warranty / 1 year guarantee on engine and transmission part (in case of proper use)



04-MST-00013 Transport case, plastic

04-MST-00001 Sierra de yeso electrica, 230 V / 50-60 Hz

04-MST-00003 Sierra de yeso electrica, 110 V / 50-60 Hz

Completo con:

- 1 x hoja Ø 50mm para yeso normal (**04-MST-00004**)
- 1 x hoja Ø 65mm para yeso normal (**04-MST-00004**)
- 1 x Juego de llaves 11mm / 1 x manual de instrucciones

DATOS TECNICOS

- 500 vatios potencia
- 3500 hasta 24000 oscilaciones, infinitamente regulable
- Compensación de alimentación automática
- Delgado diseño del motor con motor silencioso 52-77 dB(A)
- Nuevo sistema electronica con varias funciones de protección y seguridad
- Conector de seguridad ON / OFF
- Peso solamente 1,25 kg sin cable
- Sin vibraciones y mantenimiento
- 5 metros de cable con conexión EU, 230 voltios
3 metros de cable con conexión US, 110 voltios
- Isolación doble protección según clase II, uso medical del tipo BF
- TV y radio suprimido / Conformidad de CE
- Testado según EN 60601-1, EN 60601-1-2, IEC 60601-1,
- 2 años de garantía / 1 año de garantía al motor & parte de transmisión (en caso de uso adecuado)

04-MST-00013 Maleta de transporte, plástica

04-MST-00001 Scie à plâtre, 230 V / 50-60 Hz

04-MST-00003 Scie à plâtre, 110 V / 50-60 Hz

complète avec :

- 1 x lame de scie Ø 50mm (**04-MST-00004**)
- 1 x lame de scie Ø 65mm (**04-MST-00004**)
- 1 x paire de clés 11mm / 1 x mode d'emploi

DATES TECHNIQUES

- puissance 500 watt
- 3500 à 24000 oscillations, réglable en continu
- compensation autom. de puissance
- design mince du moteur avc. moteur silencieux 52-77dB(A)
- démarrage doux pour réduire risque d'accident et pour protéger les éléments mécaniques et électroniques
- commutateur de sécurité ON / OFF
- poids seulement 1,25 kg, sans câble
- exempt de vibrations et entretien pas nécessaire
- câble de 5 m avec connexion CE, 230 volt
câble de 3 m avec connexion USA, 110 volt
- protection double d'isolation conformément à classe II, utilisation médicale type BF
- ondes radio et TV supprimées / conformité CE
- conformité EN 60601-1, EN 60601-1-2, IEC 60601-1,
- 2 ans de garantie / 1 an pour moteur et élément de transmission (lors d'utilisation conforme)

04-MST-0013 Mallette en plastique, pour transport



04-MST-00023 Plaster Saw (400-450) with dust collector, 230 V / 50-60 Hz
04-MST-00025 Plaster Saw (400-452) with dust collector, 110 V / 50-60 Hz

complete with:

- 1 x sawblade Ø 50mm for standard plaster (**04-MST-00004**)
- 1 x sawblade Ø 65mm (**04-MST-00004**)
- 1 x pair of wrenches / 1 x HEPA Filter

TECHNICAL DATA - dust collector

- 400 - 750 Watt power, vacuum motor
- Continuous Power Output max. 1200 Watt,
- Max. Power Output 1450 Watt PT,
- HEPA-Filter 99,97% of all particles which are >= 0,3 micron are filtered
- Automatic turn on/off of the cleaner with the turn on/off of the plaster saw
- When plaster saw is turned off, the cleaner will go off 6-10 sec. later to clean the whole system
- Max. vacuum 2100mm/H₂O, vacuum motor
- Max. vacuum 1900mm/H₂O, vacuum machine
- Air flow motor 62 lt./sec. in the machine, due to all the filters the air flow goes down to 40 lt./sec.
- Electronic power control 500 W – 1200 W
- Max. total power (system) 1600 Watt, controlled
- Noise level vacuum only, 63 – 69 dB(A)
- Antistatic cleaner tube
- Control lamp for full dust bag
- Cleaner tube is in the pipe and not on the floor

04-MST-00027 HEPA Filter

04-MST-00028 Dust Bag

04-MST-00029 Perfume Stick

04-MST-00030 Motor Filter

04-MST-00023 Sierra de yeso electrica (400-450) con aspirador, 230 V

04-MST-00025 Sierra de yeso electrica (400-450) con aspirador, 110 V

Completo con:

- 1 x hoja Ø 50mm para yeso normal (**04-MST-00004**)
- 1 x hoja Ø 65mm para yeso normal (**04-MST-00004**)
- 1 x Juego de llaves 11mm / 1 x manual de instrucciones

DATOS TECNICOS - con aspirador

- 400 - 750 vatios potencia, motor vacío
- Potencia continua de salida max. 1200 vatios
- Max. potencia de salida 1450 vatios PT
- Filtro HEPA 99,97% de todas las partículas cuales son >= 0,3 micron son filtradas
- Encendido / Apagado automático de la aspiradora junto con encendido / apagado de la sierra de yeso
- Cuando la sierra de yeso esta apagada la aspiradora se apagará 6-10 sec. después para limpiar todo el sistema
- Max. vacío 2100mm/H₂O, motor vacío
- Max. vacío 1900mm/H₂O, maquina vacío
- Flujo del aire del motor 62 lt./sec. en la maquina debido a los filtros el flujo del aire se baja a 40 litros./sec.
- Control electronico de potencia 500 vatios – 1200 vatios
- Max. potencia total (sistema) 1600 vatios, controlado
- Nivel de ruido solo del vacío 63 – 69 dB(A)
- Tubo del aspirador antiestático
- Lampara de control para bolsa de polvo
- Manguera del aspirador es dentro del tubo y no al suelo

04-MST-00027 Filtro HEPA

04-MST-00028 Bolsa de polvo

04-MST-00029 Palo de perfume

04-MST-00030 Filtro para el motor

04-MST-00023 Scie à plâtre (400-450) avec aspirateur, 230 V / 50-60 Hz

04-MST-00025 Scie à plâtre (400-450) avec aspirateur, 110 V / 50-60 Hz

complète avec :

- 1 x lame de scie Ø 50mm (**04-MST-00004**)
- 1 x lame de scie Ø 65mm (**04-MST-00004**)
- 1 x paire de clés 11mm / 1 x mode d'emploi

DATES TECHNIQUES - aspirateur

- puissance 400 - 750 watt, moteur vacuum
- sortie puissance continue max. 1200 watt
- sortie puissance max. 1450 Watt PT
- filtre HEPA - filtration de 99,97% de tous particules >= 0,3 micron
- démarrage / arrêt automatique de l'aspirateur dépendant du démarrage / de l'arrêt de la scie
- pour nettoyage du système entier, l'aspirateur s'arrête avec une temporisation de 6-10 sec. après arrêt de la scie à plâtre
- construction robuste pour charge élevée
- vacuum max. 2100mm/H₂O, moteur vacuum
- vacuum max. 1900mm/H₂O, machine vacuum
- débit air moteur 62 lt./sec. dans la machine ; les filtres contenus réduisent ce débit à 40 lt./sec.
- commande puissance électronique 500 W – 1200 W
- puissance max. totale (système) 1600 Watt, contrôlé
- niveau du bruit - seulement vacuum 63 – 69 dB(A)
- lampe de contrôle pour sac collecteur poussière plein

04-MST-00027 Filtre HEPA

04-MST-00028 Sac collecteur poussière

04-MST-00029 Stick perfume

04-MST-00030 Filtre moteur



Sägeblätter, für standardgips
Saw Blades, for standard plaster
Hojas para yeso normal
Lames de scie, pour plâtre standard

04-MST-00010 Ø 45mm
04-MST-00004 Ø 50mm
04-MST-00007 Ø 65mm



Sägeblätter, für standardgips
Saw Blades, for standard plaster
Hojas para yeso normal
Lames de scie, pour plâtre standard

04-MST-00014 Ø 65mm



Sägeblätter, für standardgips
Saw Blades, for standard plaster
Hojas para yeso normal
Lames de scie, pour plâtre standard

04-MST-00016 Ø 65mm

Sägeblätter, für synthetischengips
Saw Blades, for synthetic casts
HOJAS, para vendajes sintéticos
Lames de scie, pour bandage synthétique

04-MST-00011 Ø 45mm
04-MST-00005 Ø 50mm
04-MST-00008 Ø 65mm

Sägeblätter, für synthetischengips
Saw Blades, for synthetic casts
HOJAS, para vendajes sintéticos
Lames de scie, pour bandage synthétique

04-MST-00015 Ø 65mm

Sägeblätter, für synthetischengips
Saw Blades, for synthetic casts
HOJAS, para vendajes sintéticos
Lames de scie, pour bandage synthétique

04-MST-00017 Ø 65mm

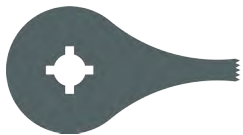
Sägeblätter, PTFE antihaft beschichtet
Saw Blades, PTFE non-stick coating
HOJAS, antiadherente PTFE
Lames de scie, PTFE, avec revêtement anti-adhérent

04-MST-00006 Ø 50mm
04-MST-00009 Ø 65mm



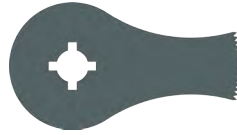
Excentrische Scheibe,
zur Schnitttiefenregulierung
Eccentric disc,
to limit cutting depth
Disco de Excéntrico
para limitar la profundidad del corte
Disque excentrique, pour
limitation de profondeur de coupe

04-MST-00022



Sägeblätter, für standardgips
Saw Blades, for standard plaster
Hojas para yeso normal
Lames de scie, pour plâtre standard

04-MST-00018 8mm



Sägeblätter, für standardgips
Saw Blades, for standard plaster
Hojas para yeso normal
Lames de scie, pour plâtre standard

04-MST-00020 20mm

Sägeblätter, für synthetischengips
Saw Blades, for synthetic casts
HOJAS, para vendajes sintéticos
Lames de scie, pour bandage synthétique

04-MST-00019 8mm

Sägeblätter, für synthetischengips
Saw Blades, for synthetic casts
HOJAS, para vendajes sintéticos
Lames de scie, pour bandage synthétique

04-MST-00021 20mm

Spannschlüssel 11mm
Wrench, pair 11mm
Juego de llaves 11mm
Clés, paire, 11mm



04-MST-00012



ein Blatt gezahnt
one serrated blade
una hoja dentada
une lame dentelée

LISTER EXCENTRIC
124-261
160mm, 6 1/4"



124-251 180mm, 7"
124-253 140mm, 5 1/2"



BERGMANN
124-227
230mm, 9"



ESMARCH
124-321 200mm, 8"
124-323 220mm, 8 3/4"

ELCON 410

VERBANDSCHEREN, GIPSSCHEREN
BANDAGE SCISSORS, PLASTER SHEARS
TIJERAS PARA VENDAJES, TIJERAS PARA YESO
CISEAUX POUR PANSEMENTS, CISEAUX POUR PLÂTRE



LORENZ
124-225
240mm, 9 1/2"



SEUTIN
124-305
230mm, 9"



BRUNS
124-331
240mm, 9 1/2"



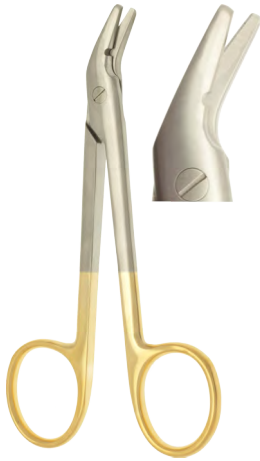
BRUNS
124-333
240mm, 9 1/2"



gezahnt
serrated
dentada
dentelée

Scheren mit Hartmetallschneiden, Scissors with tungsten carbide edges
Tijeras con filos de carburo tungsteno, Ciseaux avec des lames en tungstène

TUNGSTENCUT



gezahnt
serrated edge
estriada
dentelés

UNIVERSAL
121-099
120mm, 4 3/4"



LISTER
121-905
180mm, 7"



BRUNS
121-917
240mm, 9 1/2"



400-500



400-502

WOLF-BÖHLER

400-500 180mm, 7"

400-502 240mm, 9 1/2"



STILLE

400-201 230mm, 9"

400-203 260mm, 10 1/4"

400-211 380mm, 15 1/8"



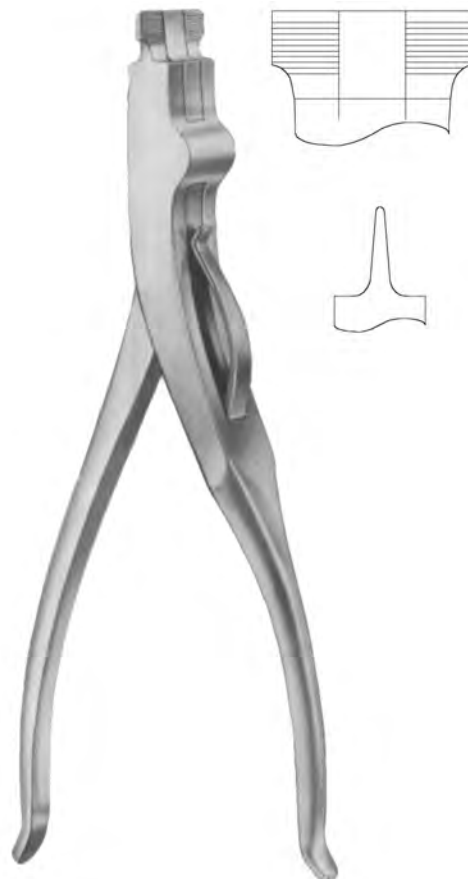
HENNING
400-520 270mm, 10 3/4"



400-520
400-530



BEESON
400-530 300mm, 12"



USA
400-515 230mm, 9"



410-090
170mm, 6 3/4"



410-092
160mm, 6 1/4"

5,5mm



**WILLIGER
410-112**
160mm, 6 1/4"

7mm



**WILLIGER
410-114**
160mm, 6 1/4"

5,5mm



410-119
160mm, 6 1/4"

4,5mm



**KOENIG
410-116**
150mm, 6"

4,5mm



**KOENIG
410-117**
150mm, 6"

5mm



**SEBILEAU
410-120**
170mm, 6 3/4"



Mc DONALD
410-160
 190mm, 7 1/2"



9,5mm

10,5mm

WATSON-CHEYNE
410-165
 175mm, 6 7/8"



6mm

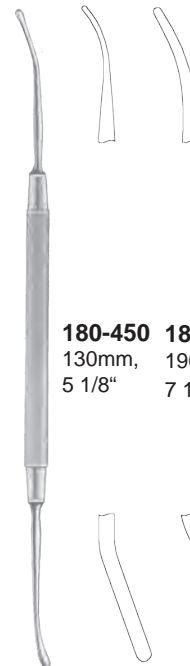
8mm

ALDERDYCE
470-930
 210mm, 8 1/4"



9mm

CAIRNS
410-121
 175mm, 6 3/4"



2mm

2mm

180-450 180-451
 130mm, 190mm,
 5 1/8" 7 1/2"

2,5mm

2,7mm

WATSON-CHEYNE
180-450 - 180-451

ELCON 410

ELEVATORIEN
ELEVATORS
ELEVADORES
ELÉVATEURS

6mm



Hohlheft
Hollow Handle
Mango Hueco
Manche Creux

**QUERVAIN
410-130**
200mm, 8"

8mm



Hohlheft
Hollow Handle
Mango Hueco
Manche Creux

**LANGENBECK
410-132**
200mm, 8"

10mm



Hohlheft
Hollow Handle
Mango Hueco
Manche Creux

**LANGENBECK
410-134**
200mm, 8"

11mm



**LANGENBECK
410-128**
230mm, 9"

6mm



Vollergriff
Solid Handle
Mango Pleno
Manche Massive

**QUERVAIN
410-126**
200mm, 8"

8mm



410-122
200mm, 8"
Vollergriff
Solid Handle
Mango Pleno
Manche Massive

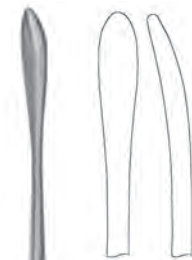
**LANGENBECK
410-122 - 410-124**

10mm



410-124
200mm, 8"

5mm



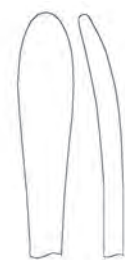
410-1291
170mm, 6 3/4"

8mm



410-1293
170mm, 6 3/4"

7mm



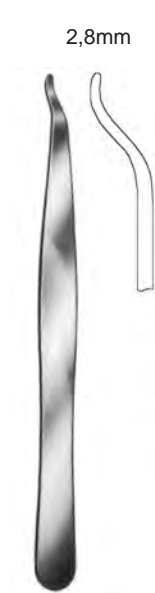
410-1292
170mm, 6 3/4"

10mm



410-1294
170mm, 6 3/4"

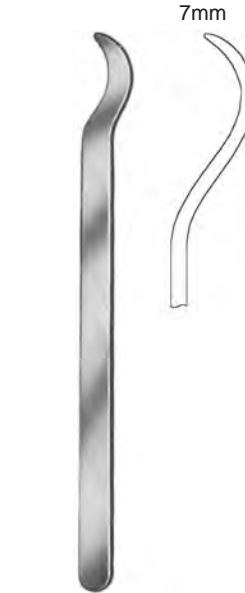
**MINI-LANGENBECK
410-1291 - 410-1294**



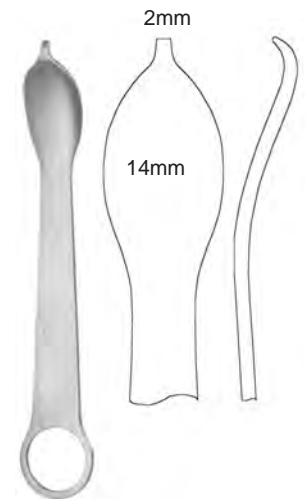
410-100
 140mm, 5 1/2"



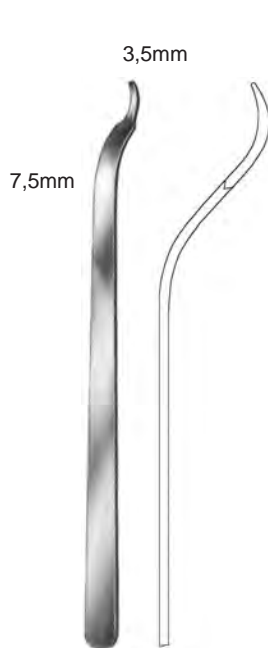
410-102
 150mm, 6"



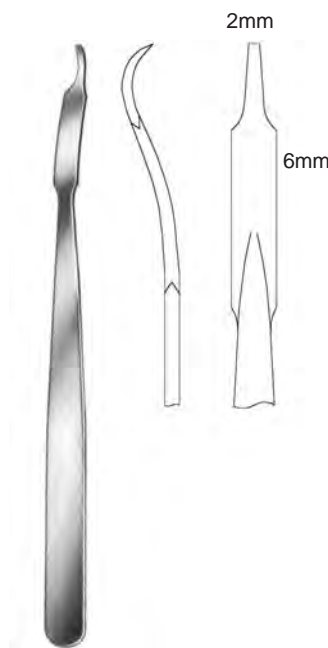
410-104
 150mm, 6"



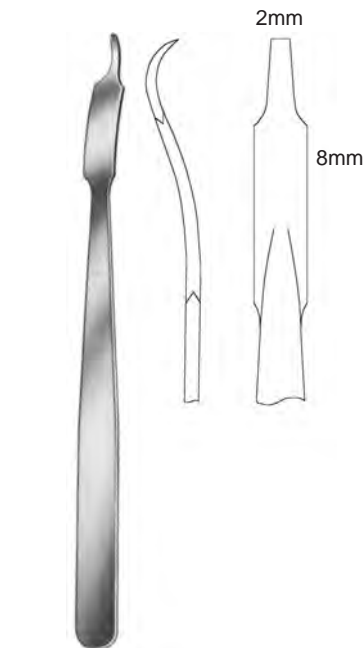
410-109
 120mm, 5"



BUCK-GRAMCKO
410-107
 150mm, 6"



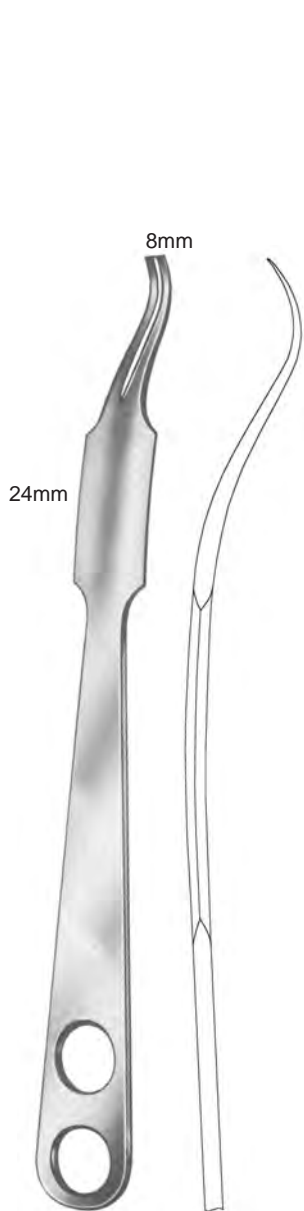
HOHMANN
410-105
 160mm, 6 1/4"



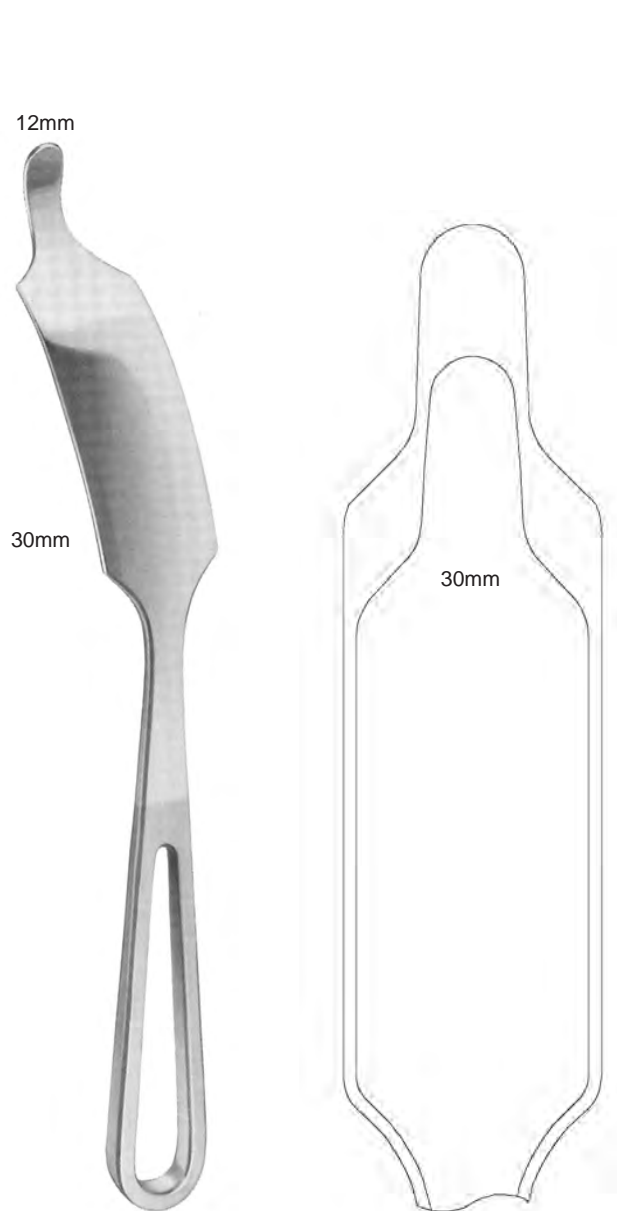
HOHMANN
410-106
 160mm, 6 1/4"



410-108
 160mm, 6 1/4"



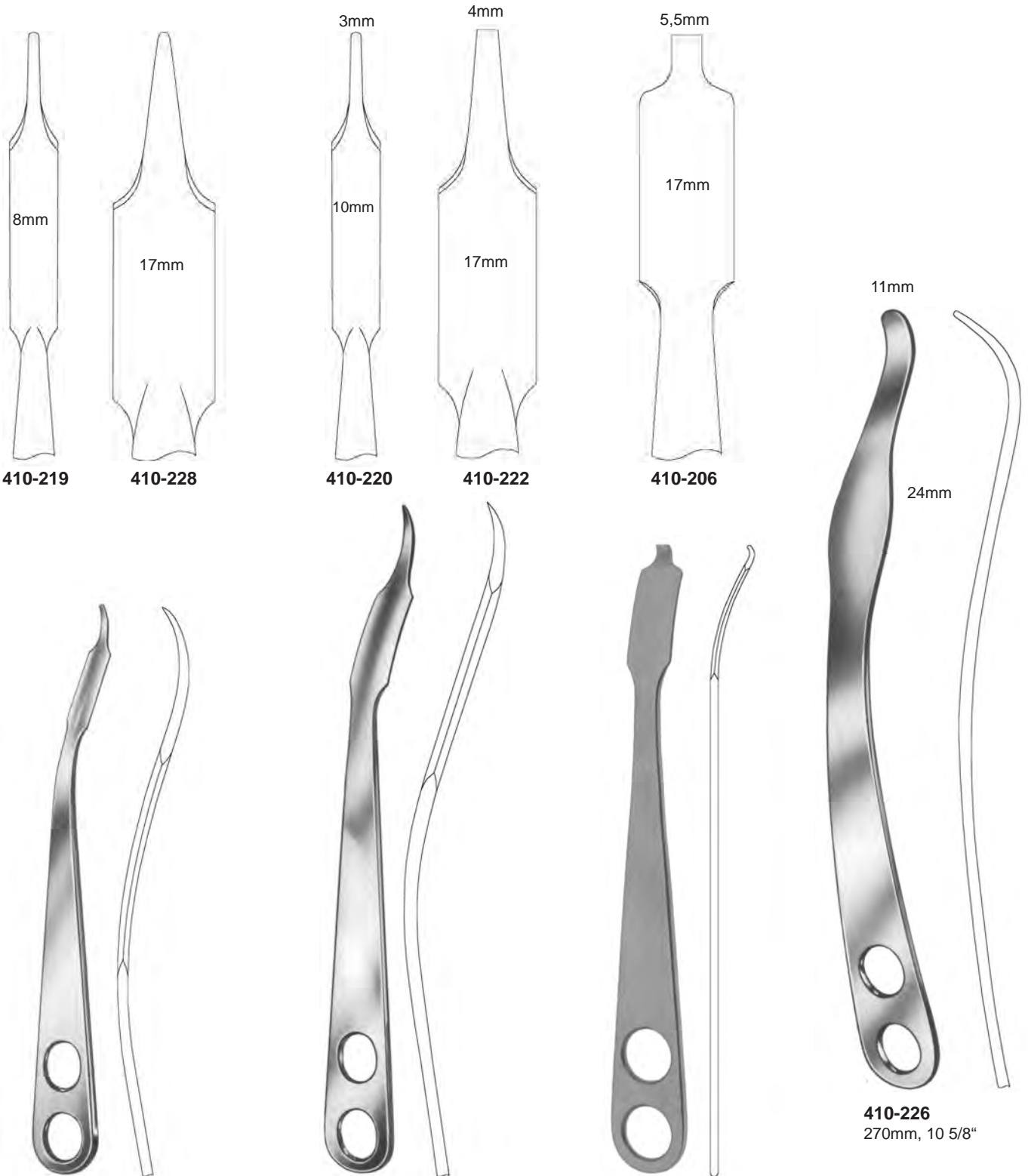
LANGE-HOHMANN
410-200
250mm, 10"



LANGE-HOHMANN
410-202
265mm, 10 1/2"



LANGE-HOHMANN
410-204
290mm, 11 1/2"



410-219

410-228

410-220

410-222

410-206

410-226
 270mm, 10 5/8"

HOHMANN

410-219 220mm, 8 3/4"

410-228 240mm, 9 1/2"

HOHMANN

410-220 220mm, 8 3/4"

410-222 240mm, 9 1/2"

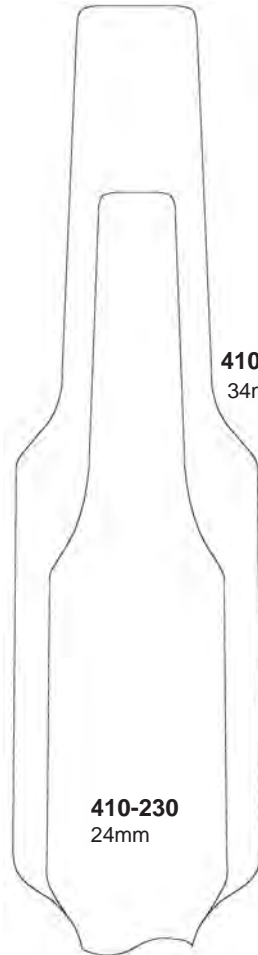
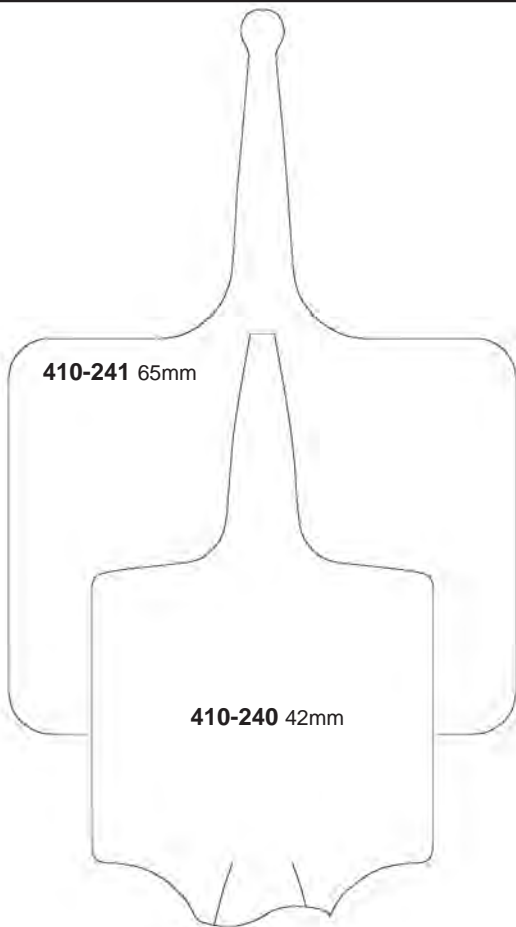
WAGNER

410-206
 220mm, 8 3/4"

ELCON

410

KNOCHENHEBEL
BONE LEVERS
ELEVADORES PARA HUESO
LEVERS À OS



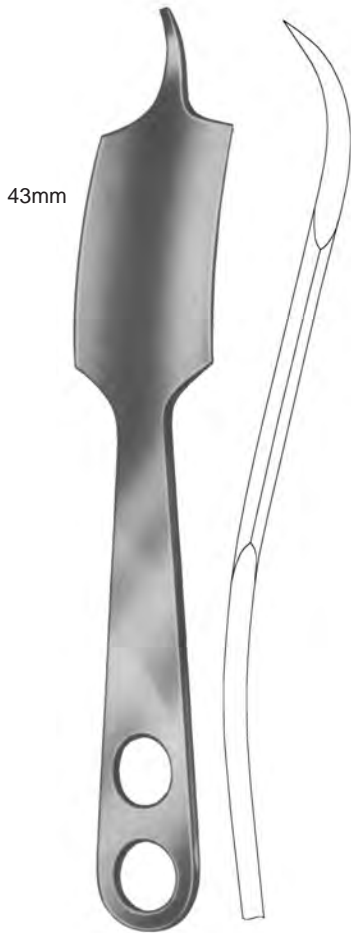
410-240 410-241

HOHMANN

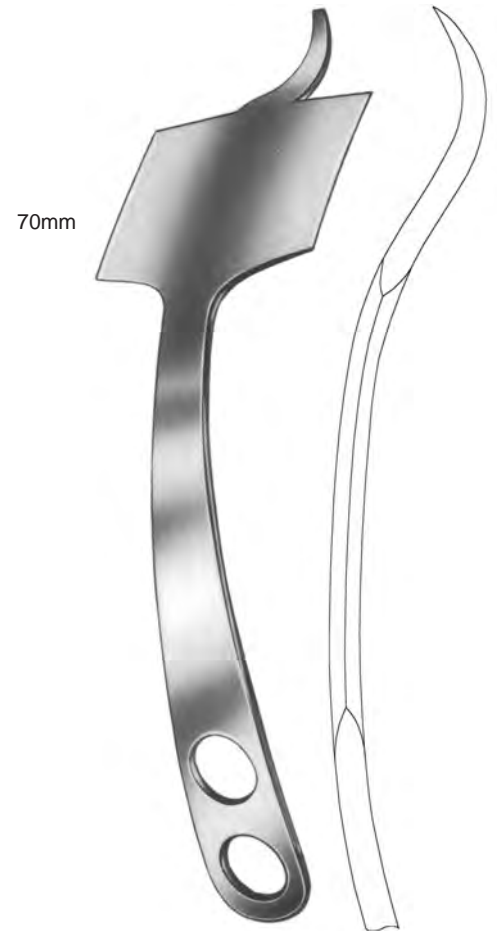
410-230 260mm, 10 1/4"

410-231 290mm, 11 1/2"

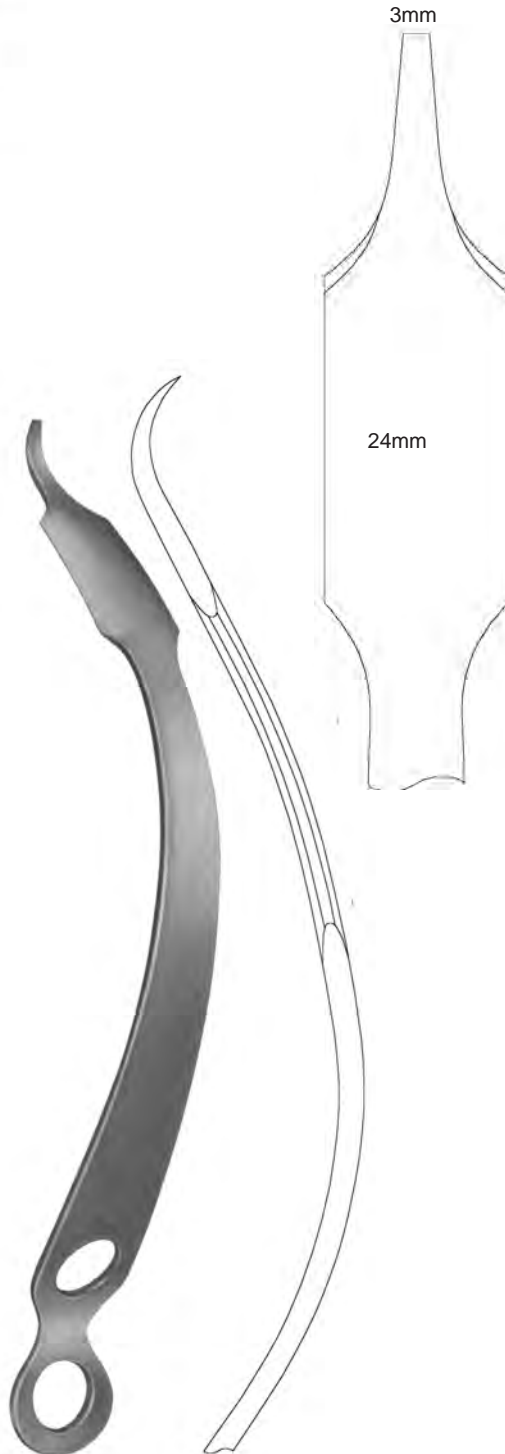
VERBRUGGE
410-240 240mm, 9 1/2"
410-241 255mm, 10"



HOHMANN
410-244
245mm, 9 3/4"



HOHMANN
410-246
250mm, 10"



HOHMANN
410-210
270mm, 10 3/4"



**LANE-
THRETHOWAN**
410-256
215mm, 8 1/2"

WATSON-JONES
410-251
280mm, 11"

LANE
410-253
265mm, 10 1/2"

LANE
410-254
255mm, 10"

BRISTOW
410-359 180mm, 7"
410-360 230mm, 9"

BLOUNT
410-262
265mm, 10 1/2"

410-285

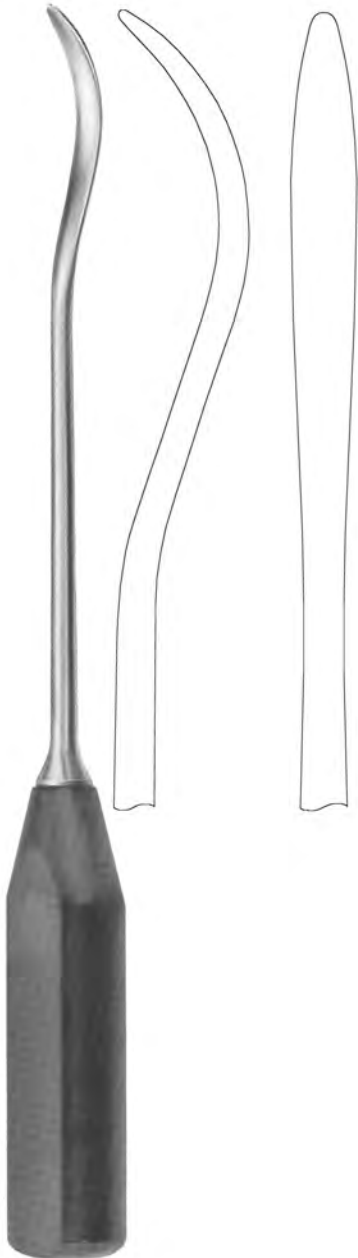
glatt, smooth, lisa, lisse
spitz, pointed, agudo, pointu

410-286

gerieft, serrated, estriada, strié
stumpf, blunt, romo, mousse

410-287

glatt, smooth, lisa, lisse
stumpf, blunt, romo, mousse



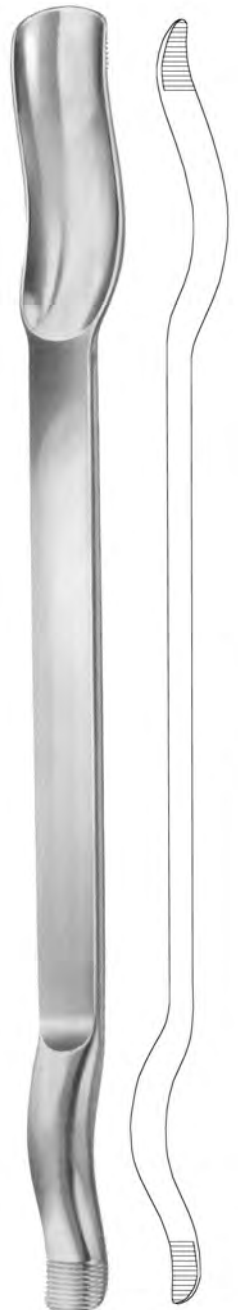
WAGNER
410-265
330mm, 13"



BENNET
410-270 44mm
410-271 64mm
255mm



AUFRANC-COBRA
410-285 - 410-287
280mm, 11"



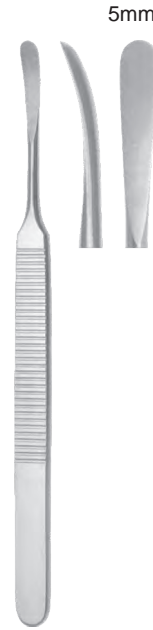
MURPHY-LANE
410-196 30/19mm
310mm, 12 1/4"



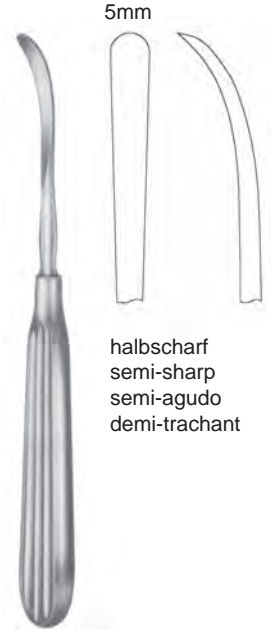
WILLIGER
410-300
130mm, 5"



WILLIGER
410-302
160mm, 6 1/4"



KÖNIG
410-306
155mm, 6"



LOVE-ADSON
340-966
170mm, 6 3/4"

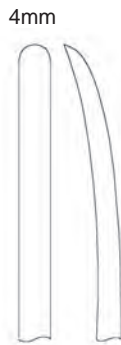
halbscharf
semi-sharp
semi-agudo
demi-trachant



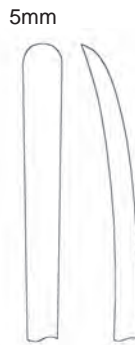
ADSON
340-954
165mm, 6 1/2"



CUSHING
340-912 - 340-915



340-912
175mm, 7"



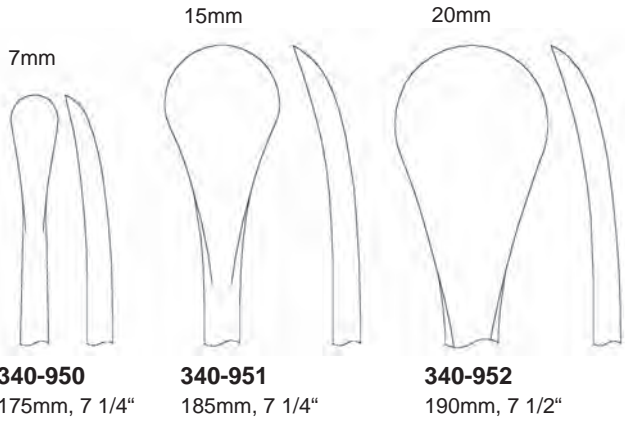
340-913
175mm, 7"



340-914
195mm, 7 3/4"



340-915
195mm, 7 3/4"



340-950

175mm, 7 1/4"

340-951

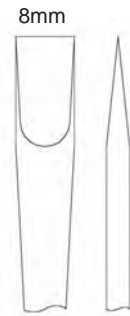
185mm, 7 1/4"

340-952

190mm, 7 1/2"

voller Griff
 solid handle
 mango pleno
 manche massive

HOEN
340-950 - 340-952



voller Griff
 solid handle
 mango pleno
 manche massive

CUSHING

340-929

170mm, 6 3/4"



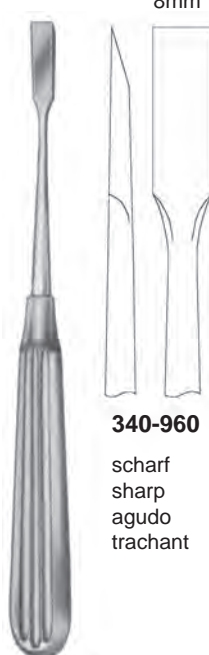
6mm

CUSHING
340-910
 150mm, 6"
 (Little Joker)



6mm

PENNYBAKER
340-935
 165mm, 6 1/2"



8mm

ADSON
340-960 - 340-963
 170mm, 6 3/4"

340-960

scharf
 sharp
 agudo
 trachant



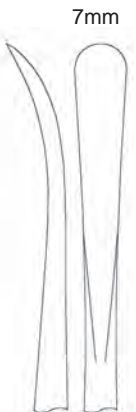
340-961

stumpf
 blunt
 romo
 mousse



340-962

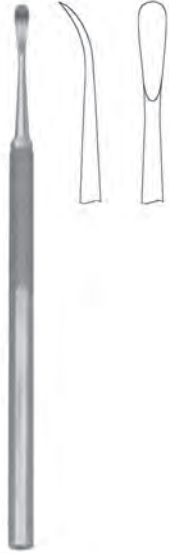
halbscharf
 semi-sharp
 semi-agudo
 demi trachant



340-963

halbscharf
 semi-sharp
 semi-agudo
 demi tachant

4mm



PARTSCH
410-315
145mm, 5 3/4"

5,5mm



WARD
440-614
170mm, 6 3/4"

4mm



450-741

4mm

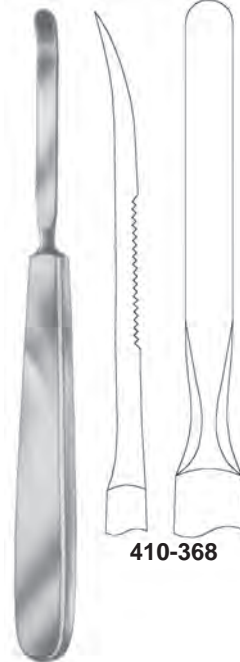


450-740



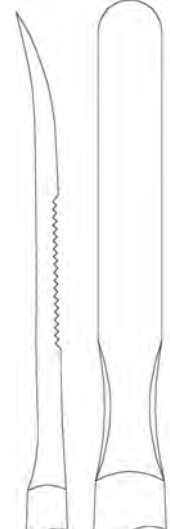
ROSE
450-740 - 450-741
140mm, 5 1/2"

6mm



410-368

8mm



410-369

PLESTER
410-368 - 410-369
170mm, 6 3/4"



HALLE
440-611 160mm, 6 1/4"
440-612 180mm, 7"



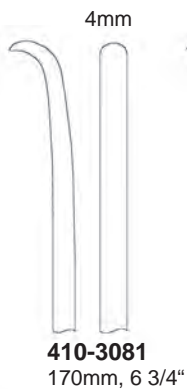
ST CLAIR THOMPSON
440-636 160mm, 6 1/4" scharf sharp agudo trachant
440-637 stumpf blunt roma mousse



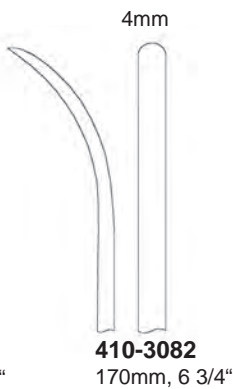
SEWALL
440-618 200mm, 8"



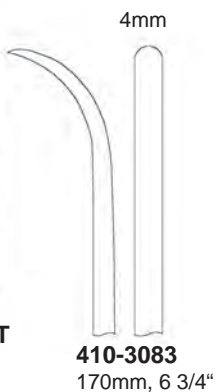
LEMPERT



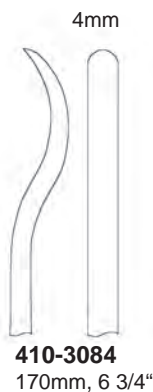
410-3081
 170mm, 6 3/4"



410-3082
 170mm, 6 3/4"



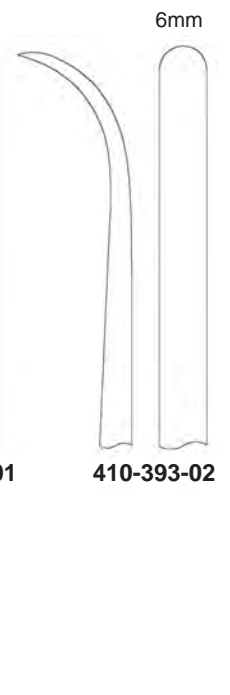
410-3083
 170mm, 6 3/4"



410-3084
 170mm, 6 3/4"



410-393-01



410-393-02

410-393-01 - 410-393-02
 170mm, 6 3/4"

ELCON 410

ELEVATORIEN, RASPATORIEN
ELEVATORS, PERIOSTEAL ELEVATORS
ELEVADORES, PERIOSTOMOS
ELEVATEURS, RUGINE-RASPATOIRES

4,5mm



FREER

440-615

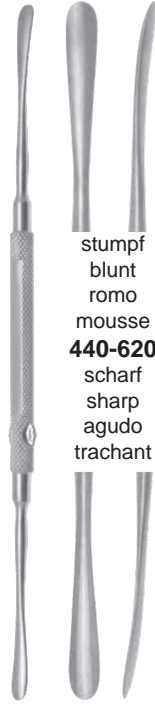
440-616

190mm, 7 1/2"

scharf
sharp
agudo
aigu

stumpf
blunt
romo
mousse

4,5mm



FREER

440-620

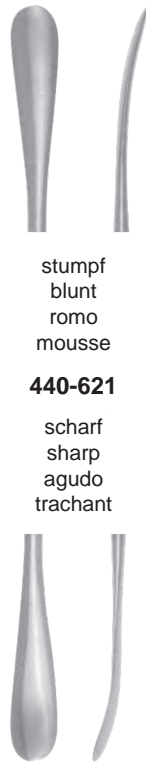
185mm, 7 1/4"

440-621

200mm, 8"

stumpf
blunt
romo
mousse
440-620
scharf
sharp
agudo
trachant

6,5mm



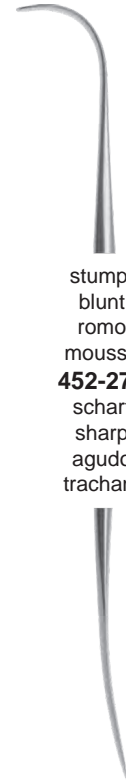
stumpf
blunt
romo
mousse

440-621

scharf
sharp
agudo
trachant



stumpf
blunt
romo
mousse
452-270
stumpf
blunt
romo
mousse



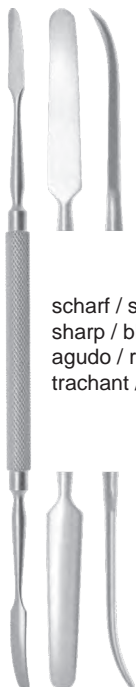
stumpf
blunt
romo
mousse
452-271
scharf
sharp
agudo
trachant

OBWEGGESER-FREER

452-270 210mm, 8 1/4"

452-271 205mm, 8"

4mm



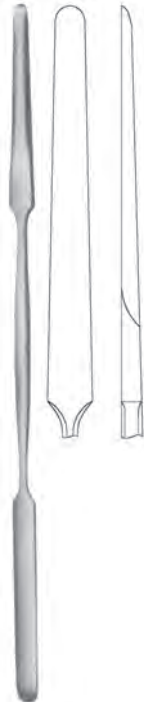
KILLIAN

440-603

180mm, 7"

scharf / stumpf
sharp / blunt
agudo / romo
trachant / mousse

4,5mm



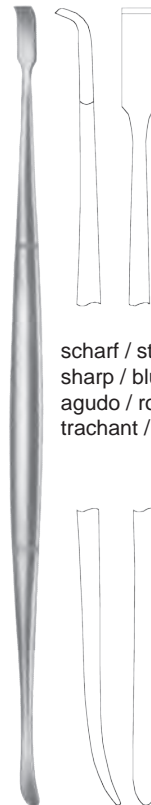
KILLIAN

440-602

185mm, 7 1/4"

scharf / stumpf
sharp / blunt
agudo / romo
trachant / mousse

5,5mm



scharf / stumpf
sharp / blunt
agudo / romo
trachant / mousse

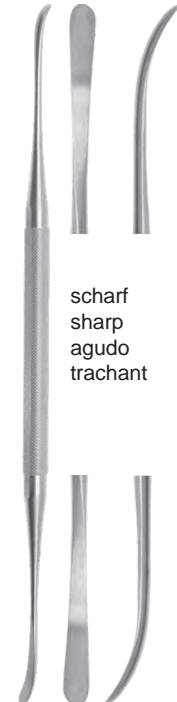
HOWARTH

440-626

215mm, 8 1/2"

4,5mm

3mm



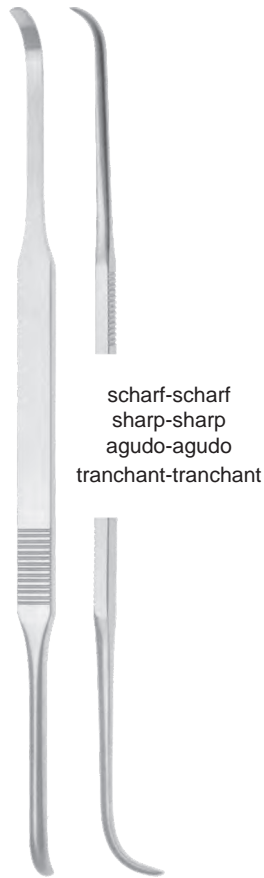
scharf
sharp
agudo
trachant

FREER-YASARGIL

440-627

185mm, 7 1/4"

4,5mm



scharf-scharf
 sharp-sharp
 agudo-agudo
 tranchant-tranchant

COTTLE
450-733 230mm, 9"

4mm



COTTLE-McKENTY
450-732 220mm

4mm

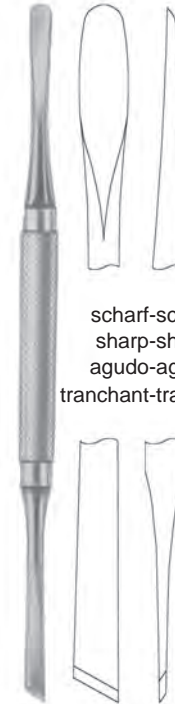


stumpf
 blunt
 romo
 mousse

scharf
 sharp
 agudo
 tranchant

5mm

HILL
440-660
 220mm, 8 3/4"



scharf-scharf
 sharp-sharp
 agudo-agudo
 tranchant-tranchant

MEAD
440-666
 165mm, 6 1/4"



scharf-scharf
 sharp-sharp
 agudo-agudo
 tranchant-tranchant

MOLT
440-665
 180mm, 7"

8mm



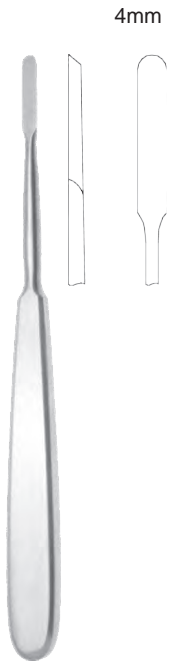
scharf
 sharp
 agudo
 trachant

COTTLE
450-708
 195mm, 7 3/4"

4,7mm



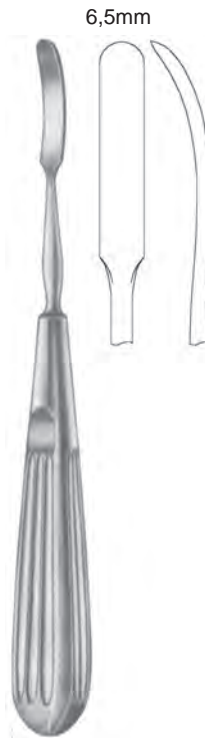
LANDOLT
410-313
 175mm, 7"



JOSEPH
450-698
160mm, 6 1/4"



JOSEPH
450-706
160mm, 6 1/4"



JOSEPH
450-707
180mm, 7"



LEMPERT
431-517
180mm, 7"



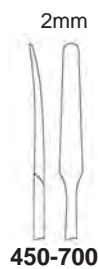
LEMPERT
431-515
205mm, 8"



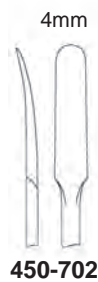
LEMPERT
450-700 - 450-703
170mm, 6 3/4"



450-701



450-700

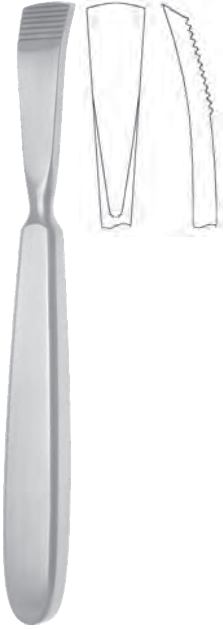


450-702



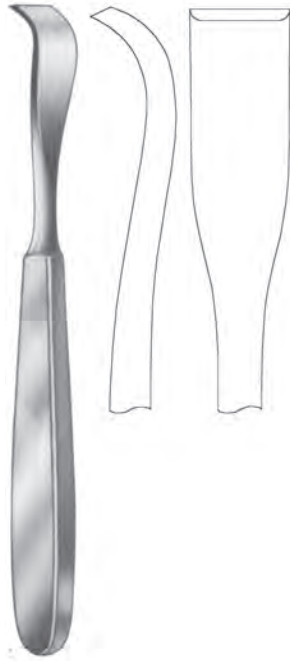
450-703

15mm



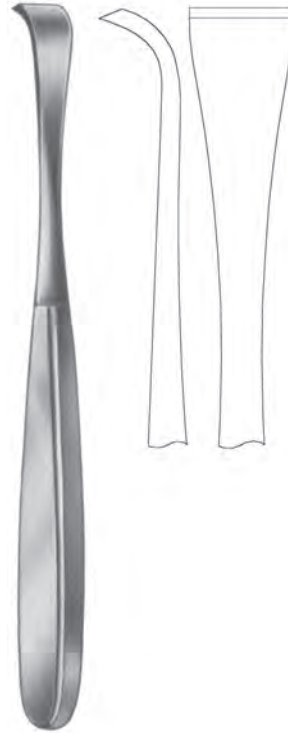
JANSEN
410-324
 165mm, 6 1/2"

13mm



SCHNEIDER
410-325
 175mm, 7"

13mm



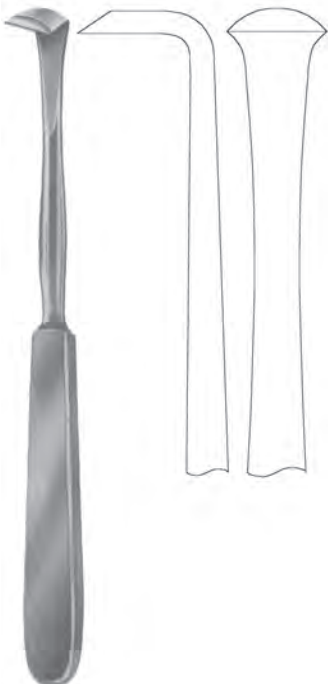
SCHNEIDER-SAUERBRUCH
410-327
 190mm, 7 1/2"

18mm



SEDILLOT
410-345
 185mm, 7 1/4"

14mm



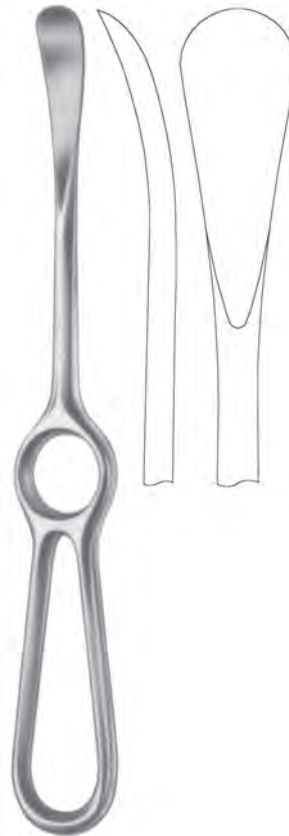
LANGENBECK
410-342
 180mm, 7"

16mm



LANGENBECK
410-340
 190mm, 7 1/2"

15mm

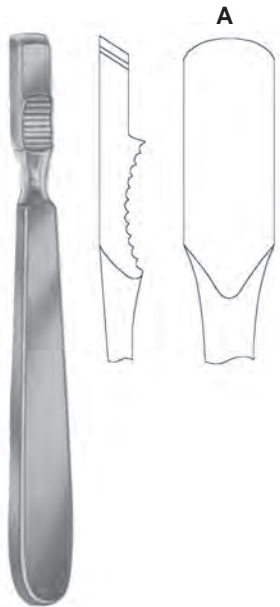


SEDILLOT
410-346
 210mm, 8 1/4"

11mm



MCKISSOCK
410-395
 195mm, 7 3/4"



	A mm
410-330-04	4
410-330-06	6
410-330-08	8
410-330-10	10
410-330-12	12
410-330-14	14
410-330-16	16

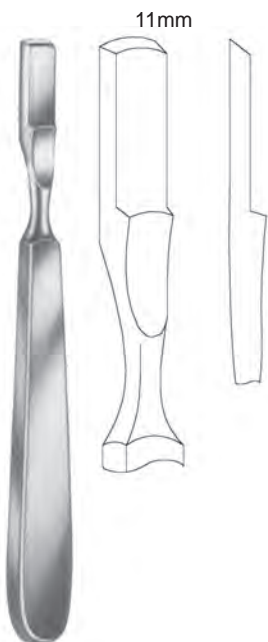
FARABEU
410-330-04 - 410-330-16
150mm, 6"



FARABEU
410-331-04 - 410-331-16
150mm, 6"



MITCHELLS
410-318
210mm, 8 1/4"



FARABEU-COLLIN
410-336
160mm, 6 1/4"



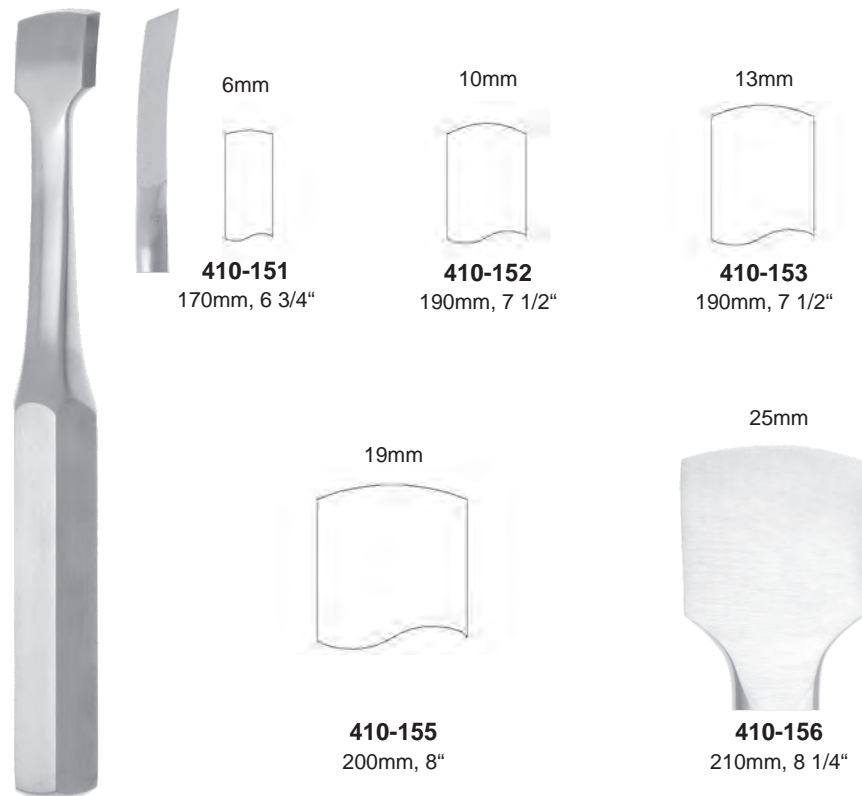
FARABEU-COLLIN
410-337
160mm, 6 1/4"



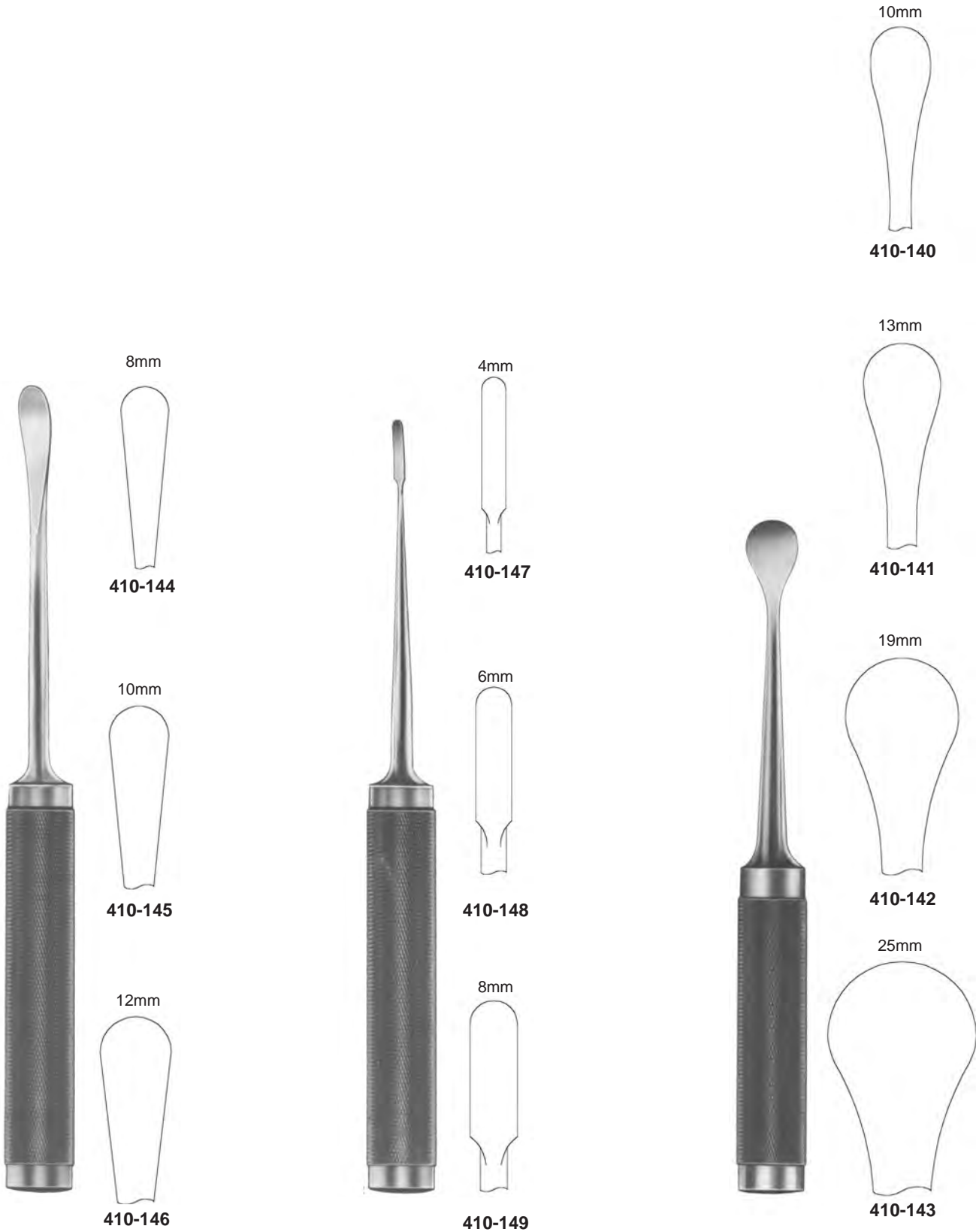
410-320
190mm, 7 1/2"



LAMBOTTE
410-350 5mm
410-351 10mm
410-352 15mm
410-353 20mm
410-354 25mm
215mm, 8 1/2"



KEY
410-151 - 410-156



COBB
410-144 8mm
410-145 10mm
410-146 12mm
 280mm, 11"

COBB
410-147 4mm
410-148 6mm
410-149 8mm
 270mm, 10 3/4"

COBB
410-140 10mm
410-141 13mm
410-142 19mm
410-143 25mm
 240mm, 9 1/2"



410-384
190mm, 7 1/2"



410-385
185mm, 7 1/4"



410-382
185mm, 7 1/4"



410-383
185mm, 7 1/4"



410-388
190mm, 7 1/2"



410-380
200mm, 8"



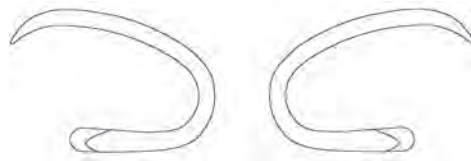
410-381
190mm, 7 1/2"



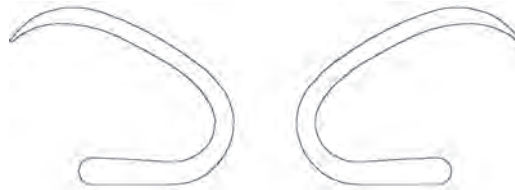
410-387
200mm, 8"



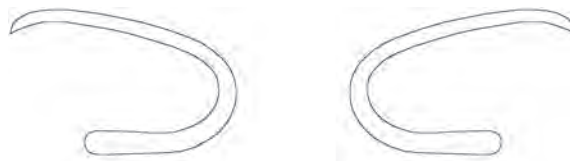
DOYEN
251-136 **251-137**
240mm, 9 1/2"



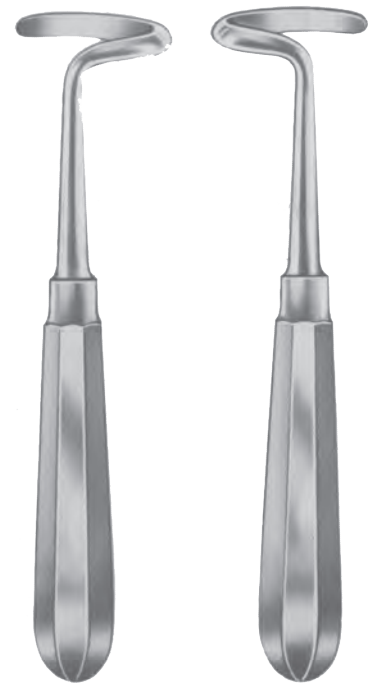
251-132 für Kinder
for children
para niños
pour enfants **251-133**



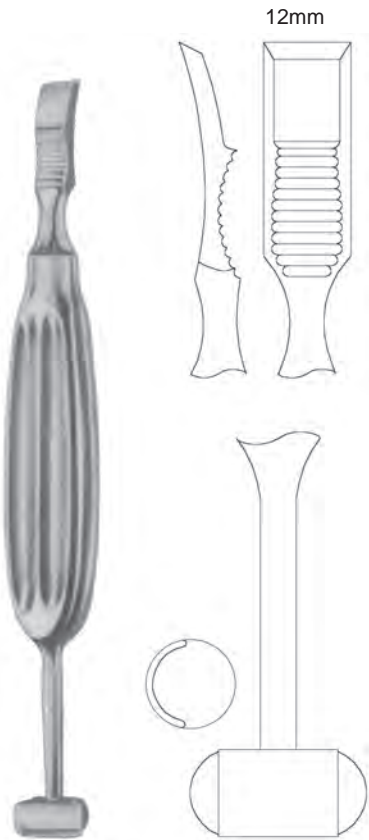
251-134 **251-135**



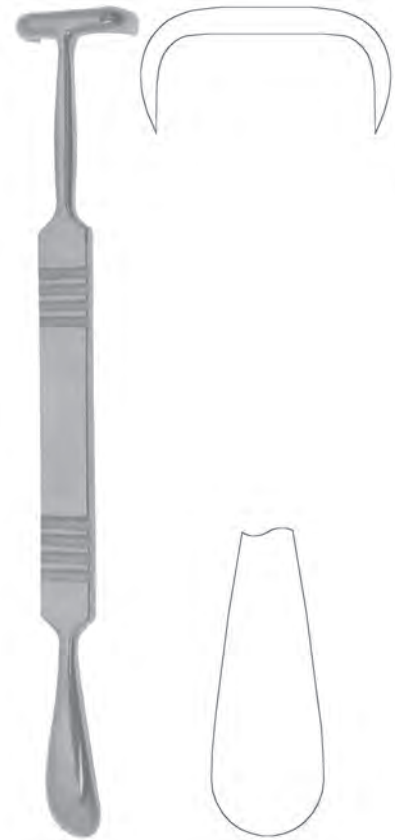
251-136 **251-137**
linksgebogen rechtsgebogen
left curved right curved
curvo a la izquierda curvo a la derecha
courbé à gauche courbé à droite



DOYEN
251-132 **251-133**
251-134 **251-135**
175mm, 7"



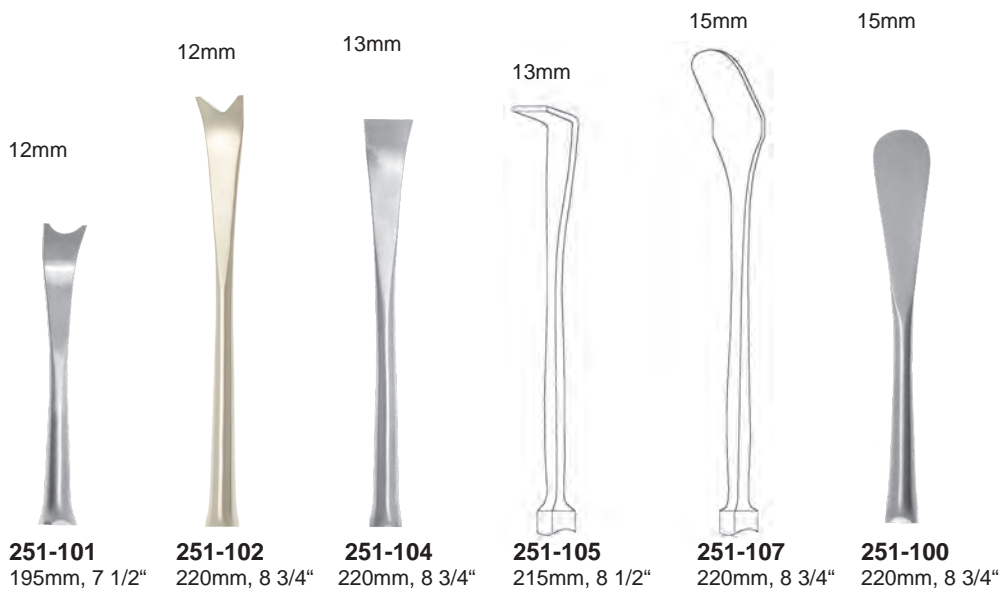
ALEXANDER-FARABEUF
251-122
 210mm, 8 1/4"



MATSON
251-140
 220mm, 8 3/4"



SEMB
251-100 - 251-107



251-101
 195mm, 7 1/2"

251-102
 220mm, 8 3/4"

251-104
 220mm, 8 3/4"

251-105
 215mm, 8 1/2"

251-107
 220mm, 8 3/4"

251-100
 220mm, 8 3/4"

ELCON 410

KNOCHENFEILEN, KNOCHENRASPELN
BONE FILES, BONE RASPS
LIMAS PARA HUESOS, ESCOFINAS PARA HUESO
LIMES A OS, RAPES POUR OS



410-400
245mm, 9 5/8"



**PUTTI
410-410**
270mm, 10 5/8"



**PUTTI
410-411**
300mm, 12"



410-420
280mm, 11"

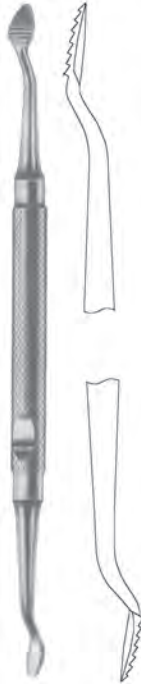
KNOCHENFEILEN, KNOCHENRASPELN
 BONE FILES, BONE RASPS
 LIMAS PARA HUESOS, ESCOFINAS PARA HUESO
 LIMES A OS, RAPES POUR OS

ELCON
410



410-402
 220mm, 8 3/4"

8mm



5mm

MILLER
410-432
 180mm, 7"

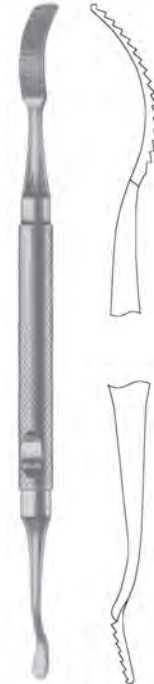
6mm



4,3mm

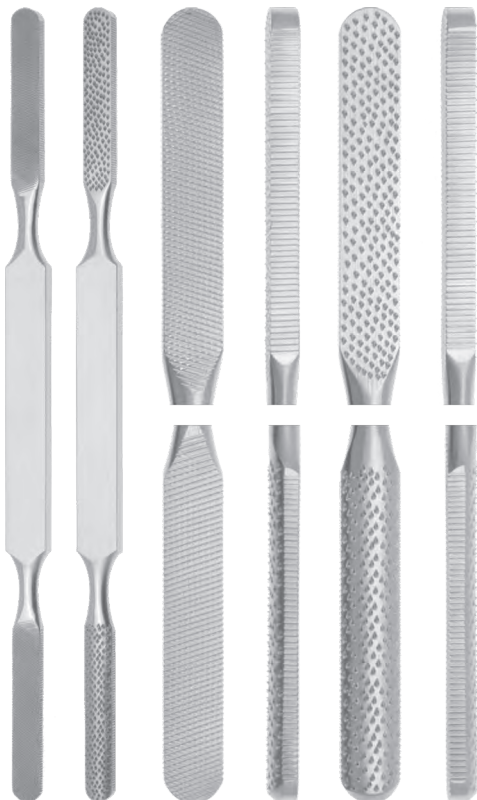
MILLER
410-431
 180mm, 7"

6mm



5mm

MILLER
410-430
 180mm, 7"



FOMON (KLEINERT KUTZ)
450-548
 210mm, 8 1/4"



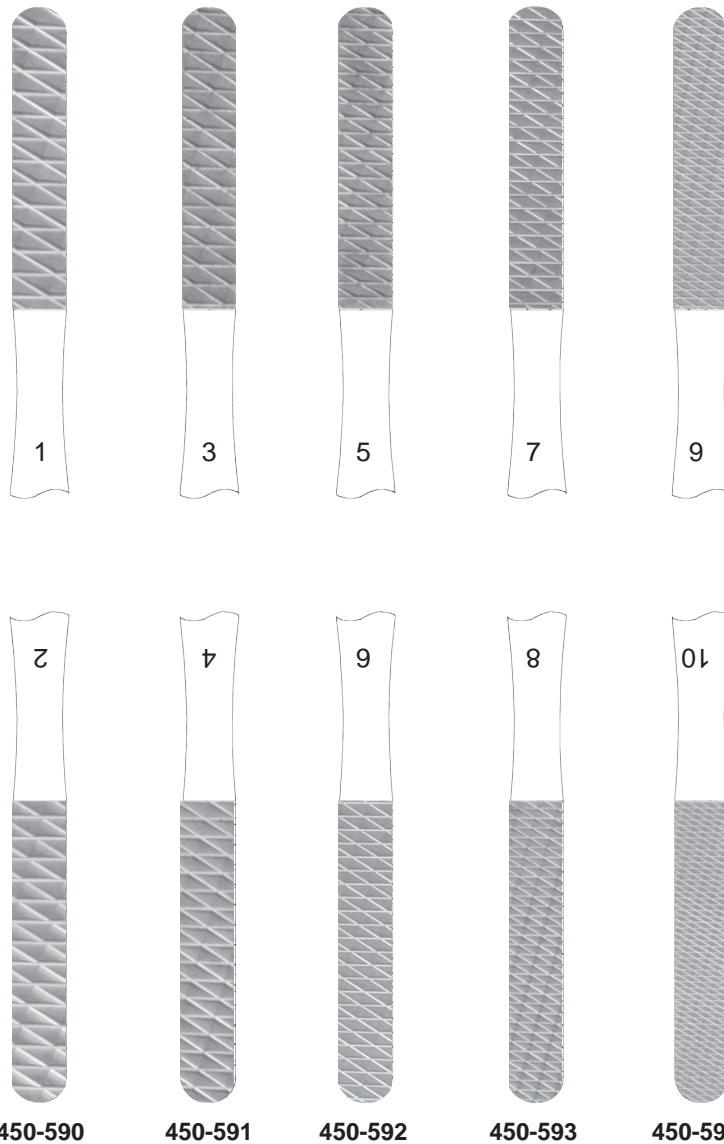
FOMON-MASING
450-540
 210mm, 8 1/4"



FOMON-MASING
450-542
 210mm, 8 1/4"



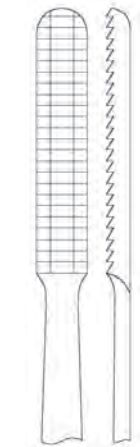
FOMON
450-590 12/14
450-591 16/20
450-592 24/30
450-593 36/44
450-594 52/64
 205mm, 8"



Hartmetalleinlagen
Tungsten carbide inlays
Insertos de carburo tungsteno
Insert de carbure tungstène

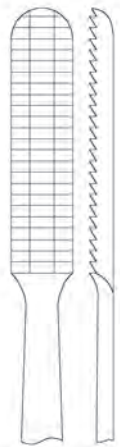
- Fig.1 grob / coarse / grueso / grosse
12 Zähne / 12 teeth / 12 dientes / 12 dents
- Fig.2 grob / coarse / grueso / grosse
14 Zähne / 14 teeth / 14 dientes / 14 dents
- Fig.3 grob / coarse / grueso / grosse
16 Zähne / 16 teeth / 16 dientes / 16 dents
- Fig.4 mittel / medium / mediano / moyen
20 Zähne / 20 teeth / 20 dientes / 20 dents
- Fig.5 mittel / medium / mediano / moyen
24 Zähne / 24 teeth / 24 dientes / 24 dents

- Fig.6 mittel / medium / mediano / moyen
30 Zähne / 30teeth / 30 dientes / 30 dents
- Fig.7 fein / fine / fino / fine
36 Zähne / 36 teeth / 36 dientes / 36 dents
- Fig.8 fein / fine / fino / fine
44 Zähne / 44 teeth / 44 dientes / 44 dents
- Fig.9 fein / fine / fino / fine
52 Zähne / 52 teeth / 52 dientes / 52 dents
- Fig.10 fein / fine / fino / fine
62 Zähne / 62 teeth / 62 dientes / 62 dents



450-518

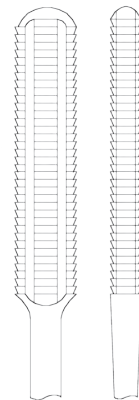
auf Zug schneidend
 cuts on down stroke
 cortante a tracción
 tranchant à traction



450-519

auf Stoß schneidend
 cuts on up stroke
 cortante a empuje
 tranchant à impact

MALTZ
450-518 - 450-519
 175mm, 7"



9mm

auf Stoß schneidend
 cuts on up stroke
 cortante a empuje
 tranchant à impact

MALTZ
450-510
 180mm, 7"



9mm



450-530

auf Zug schneidend
 cuts on down stroke
 cortante a tracción
 tranchant à traction



450-531

auf Stoß schneidend
 cuts on up stroke
 cortante a empuje
 tranchant à impact

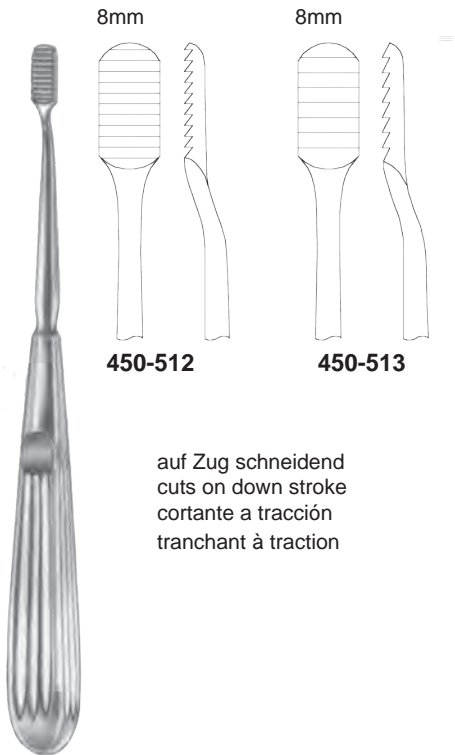
AUFRICHT
450-530 210mm, 8 1/4"
450-531 210mm, 8 1/4"



8mm

auf Zug schneidend
 cuts on down stroke
 cortante a tracción
 tranchant à traction

COTTLE
450-520
 210mm, 8 1/4"

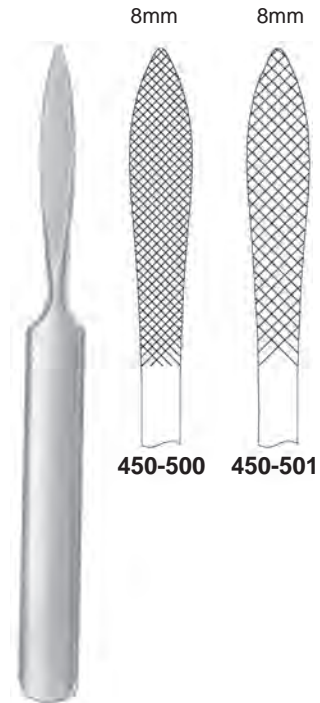


450-512

450-513

auf Zug schneidend
cuts on down stroke
cortante a tracción
tranchant à traction

LEWIS
450-512 - 450-513
180mm, 7"

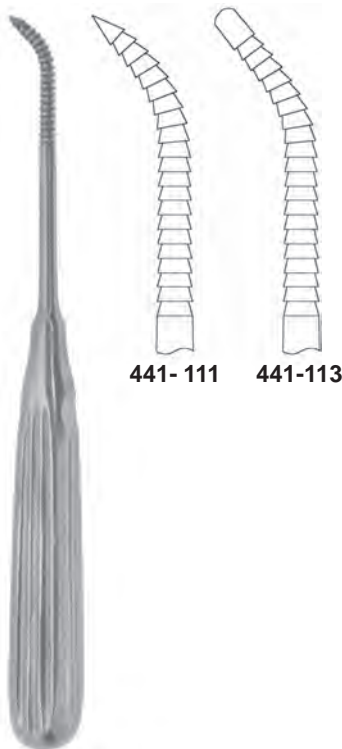


450-500

450-501

JOSEPH
450-500 - 450-501
160mm, 6 1/4"

Ø 5mm Ø 5mm



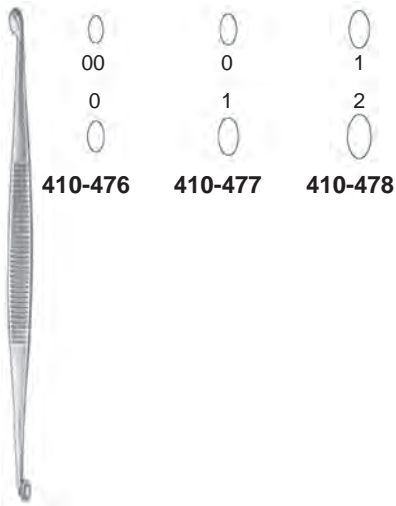
441-111

441-113

WIENER
441-111 - 441-113
180mm, 7"

SCHARFE DOPPELÖFFEL
 BONE CURETTES, DOUBLE ENDED
 CUCHARILLAS DE DOBLE EXTREMO
 CURETTES DOUBLE

ELCON
410



WILLIGER
410-476 Fig. 00/0
410-477 Fig. 0/1
410-478 Fig. 1/2
 135mm, 5 1/4"



HOUSE
 170mm

431-480-01	rund / round / redonda / ronde	Ø1,0mm / Ø1,2mm
431-481-01	oval / oval / oval / ovale	0,8x1,0mm / 1,0x1,2mm
431-481-02	oval / oval / oval / ovale	1,1x1,5mm / 1,3x1,8mm
431-481-03	oval / oval / oval / ovale	1,5x2,2mm / 1,9x2,6mm
431-481-04	oval / oval / oval / ovale	2,3x3,1mm / 2,5x3,3mm
431-482-01	rund / round / redonda / ronde	Ø1,0mm / Ø1,2mm



VOLKMANN
410-480 135mm, 5 1/4"
410-481 145mm, 5 3/4"
410-482 170mm, 6 3/4"



VOLKMANN
410-490
 130mm, 5"



VOLKMANN
410-492
 160mm, 6 1/4"



VOLKMANN
410-494
 200mm, 8"



JACOBSON
410-460
140mm, 5 1/2"



JANSEN
410-462
160mm, 6 1/4"



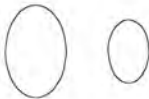
BARTH
410-498
180mm, 7"



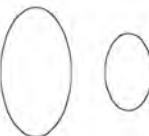
VOLKMANN
410-496
210mm, 8 1/4"



410-485



410-486



410-487

VOLKMANN
410-485 - 410-487
220mm, 8 5/8"

SCHARFE LÖFFEL
BONE CURETTES
CUCHARILLAS CORTANTES
CURETTES TRANCHANTES

ELCON
410



VOLKMANN
410-540 - 410-549
170mm, 6 3/4"



VOLKMANN
410-5740 - 410-5769 170mm, 6 3/4"
410-5770 - 410-5786 270mm, 10 3/4"

2,8mm



0000
410-540
410-5740
410-5770

3,6mm



000
410-541
410-5741
410-5771

4,4mm



00
410-542
410-5742
410-5772

5,2mm



0
410-543
410-5743
410-5773

6,8mm



1
410-544
410-5744
410-5774

8,5mm



2
410-545
410-5745
410-5775

10mm



3
410-546
410-5746
410-5776

11,5mm



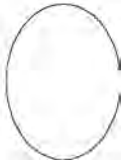
4
410-547
410-5747

13mm



5
410-548
410-5748

14,5mm



6
410-549
410-5749



BRUNS
410-510 - 410-519
170mm, 6 3/4"

2mm



0000
410-510

3mm



000
410-511

4mm



00
410-512

5mm



0
410-513

6mm



1
410-514

8mm



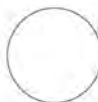
2
410-515

10mm



3
410-516

12mm



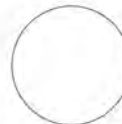
4
410-517

13mm



5
410-518

15mm



6
410-519

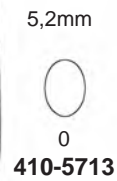
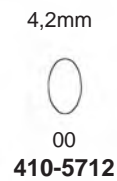
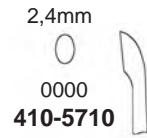
ELCON 410

SCHARFE LÖFFEL
BONE CURETTES
CUCHARILLAS CORTANTES
CURETTES TRANCHANTES



SPRATT
441-290 - 441-297
170mm, 6 3/4"

2,0mm 0000 441-290	2,3mm 000 441-291	3,0mm 00 441-292	3,4mm 0 441-293	4,0mm 1 441-294
	5,5mm 2 441-295	6,2mm 3 441-296	7,0mm 4 441-297	



SIMON
410-5711 - 410-5713
240mm, 9 1/2"



2,5mm 000 410-560	3,4mm 00 410-561	4,2mm 0 410-562	5,2mm 1 410-563	6,3mm 2 410-564
7,4mm 3 410-565	8,0mm 4 410-566			

SCHUDE
410-560 - 410-566
170mm, 6 3/4"










2,3mm 00 410-450	3,1mm 0 410-451
4,2mm 1 410-452	5,2mm 2 410-453



WILLIGER
410-450 - 410-453
175mm,

SCHARFE LÖFFEL
BONE CURETTES
CUCHARILLAS CORTANTES
CURETTES TRANCHANTES

ELCON
410

2,5mm	3,0mm	3,5mm	4,0mm	5,0mm	6,0mm	8,0mm	9,0mm	10,5mm
								
000	00	0	1	2	3	4	5	6
410-520	410-521	410-522	410-523	410-524	410-525	410-526	410-527	410-528
410-530	410-531	410-532	410-533	410-534	410-535	410-536	410-537	410-538
341-620	341-621	341-622	341-623	341-624	341-625	341-626	341-627	341-628
341-630	341-631	341-632	341-633	341-634	341-635	341-636	341-637	341-638



SPINAL
341-620 - 341-628
200mm, 8"



SPINAL
341-630 - 341-638
200mm, 8"



BRUNS
410-520 - 410-528
230mm, 9"



BRUNS
410-530 - 410-538
230mm, 9"

ELCON 410

SCHARFE LÖFFEL
BONE CURETTES
CUCHARILLAS CORTANTES
CURETTES TRANCHANTES



CASPAR
414-734 4mm
414-735 5mm
 250mm, 10"
 mit 1 Zahn
 with 1 tooth
 con 1 diente
 avec 1 dent



CASPAR
414-743 3mm
414-744 4mm
 270mm, 10 3/4"
 mit 1 Zahn
 with 1 tooth
 con 1 diente
 avec 1 dent



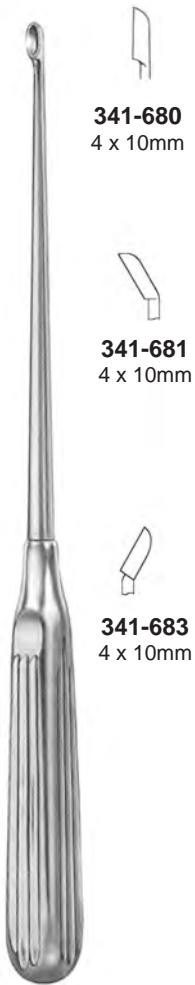
CASPAR
414-754 4mm
414-755 5mm
414-755 6mm
 220mm, 8 3/4"
 mit 1 Zahn
 with 1 tooth
 con 1 diente
 avec 1 dent



CASPAR
414-643 3,6mm
414-644 4,4mm
414-645 5,2mm
 220mm, 8 3/4"



CASPAR
414-653 3,6mm
414-654 4,4mm
414-655 5,2mm
 220mm, 8 3/4"



341-680
4 x 10mm

341-681
4 x 10mm

341-683
4 x 10mm

SCOVILLE
341-680 - 341-683
250mm, 10"



410-583
3,6mm

410-584
4,4mm

410-585
5,2mm

410-586
6,8mm

410-583 - 410-586
250mm, 10"



410-593
3,6mm

410-594
4,4mm

410-595
5,2mm

410-596
6,8mm

410-593 - 410-596
250mm, 10"

ELCON 410

HÄMMER
MALLETS
MARTILLOS
MAILLETS



410-618
200mm, 8"

Kopf Ø 30mm
head Ø 30mm
cabeza Ø 30mm
tete Ø 30mm

Gewicht 220g
weight 220g
peso 220g
poids 220g



LUCAE
410-620
190mm, 7 1/2"

Kopf Ø 19mm
head Ø 19mm
cabeza Ø 19mm
tete Ø 19mm

Gewicht 230g
weight 230g
peso 230g
poids 230g

LUCAE
410-621
190mm, 7 1/2"

Kopf Ø 25mm
head Ø 25mm
cabeza Ø 25mm
tete Ø 25mm

Gewicht 260g
weight 260g
peso 260g
poids 260g



410-623
185mm, 7 1/2"

Kopf Ø 25mm
head Ø 25mm
cabeza Ø 25mm
tete Ø 25mm

Gewicht 185g
weight 185g
peso 185g
poids 185g

410-624

Ersatzbacken (Paar), Kunststoff (kein Medizinprodukt)
Spare Facings (pair), plastic (no medical device)
Tapas de repuesto (par), plastico (no es un producto sanitario)
Plaques de rechange (paire), plastique (pas de produit médical)



MEAD
410-625
190mm, 7 1/2"

Kopf Ø 27mm
head Ø 27mm
cabeza Ø 27mm
tete Ø 27mm

Gewicht 320g
weight 320g
peso 320g
poids 320g



410-626

Ersatzbacken (Paar), Kunststoff (kein Medizinprodukt)
Spare Facings (pair), plastic (no medical device)
Tapas de repuesto (par), plastico (no es un producto sanitario)
Plaques de rechange (paire), plastique (pas de produit médical)



DOYEN
410-628
210mm, 8 1/4"

Kopf Ø 30mm
head Ø 30mm
cabeza Ø 30mm
tete Ø 30mm

Gewicht 180g
weight 180g
peso 180g
poids 180g

DOYEN
410-629
210mm, 8 1/4"

Kopf Ø 35mm
head Ø 35mm
cabeza Ø 35mm
tete Ø 35mm

Gewicht 260g
weight 260g
peso 260g
poids 260g



mit Bleifüllung
lead filled
con relleno de plomo
remplissage de plomb

410-604
190mm, 7 1/2"

Kopf Ø 22mm
head Ø 22mm
cabeza Ø 22mm
tete Ø 22mm
Gewicht 165g
weight 165g
peso 165g
poids 165g



HEATH
410-606
185mm, 7 1/4"

Kopf Ø 40mm
head Ø 40mm
cabeza Ø 40mm
tete Ø 40mm
Gewicht 600g
weight 600g
peso 600g
poids 600g

HEATH
410-607
190mm, 7 1/2"

Kopf Ø 45mm
head Ø 45mm
cabeza Ø 45mm
tete Ø 45mm
Gewicht 1000g
weight 1000g
peso 1000g
poids 1000g



mit Bleifüllung
lead filled
con relleno de plomo
remplissage de plomb

410-608
165mm, 6 1/2"

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



mit Bleifüllung
lead filled
con relleno de plomo
remplissage de plomb

WILLIGER
410-613
240mm, 9 1/2"

Kopf Ø 28mm
head Ø 28mm
cabeza Ø 28mm
tete Ø 28mm
Gewicht 340g
weight 340g
peso 340g
poids 340g



WILLIGER
410-614
240mm, 9 1/2"

Kopf Ø 30mm
head Ø 30mm
cabeza Ø 30mm
tete Ø 30mm
Gewicht 400g
weight 400g
peso 400g
poids 400g



OMBREDANNE
410-660
250mm, 10"

Kopf Ø 40mm
head Ø 40mm
cabeza Ø 40mm
tete Ø 40mm
Gewicht 550g
weight 550g
peso 550g
poids 550g



PARTSCH
410-616
180mm, 7"

Kopf Ø 22mm
head Ø 22mm
cabeza Ø 22mm
tete Ø 22mm
Gewicht 200g
weight 200g
peso 200g
poids 200g



410-632
265mm, 10 1/2"

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



410-634
265mm, 10 1/2"

Kopf Ø 50mm	Gewicht 900g
head Ø 50mm	weight 900g
cabeza Ø 50mm	peso 900g
tete Ø 50mm	poids 900g



410-636
240mm, 9 1/2"

Kopf Ø 37mm	Gewicht 370g
head Ø 37mm	weight 370g
cabeza Ø 37mm	peso 370g
tete Ø 37mm	poids 370g

410-637

Ersatzbacken (Paar), Kunststoff (kein Medizinprodukt)
Spare Facings (pair), plastic (no medical device)
Tapas de repuesto (par), plastico (no es un producto sanitario)
Plaques de rechange (paire), plastique (pas de produit médical)



410-646
260mm, 10 1/4"

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



410-648
240mm, 9 1/2"

Kopf Ø 30mm	Gewicht 480g
head Ø 30mm	weight 480g
cabeza Ø 30mm	peso 480g
tete Ø 30mm	poids 480g

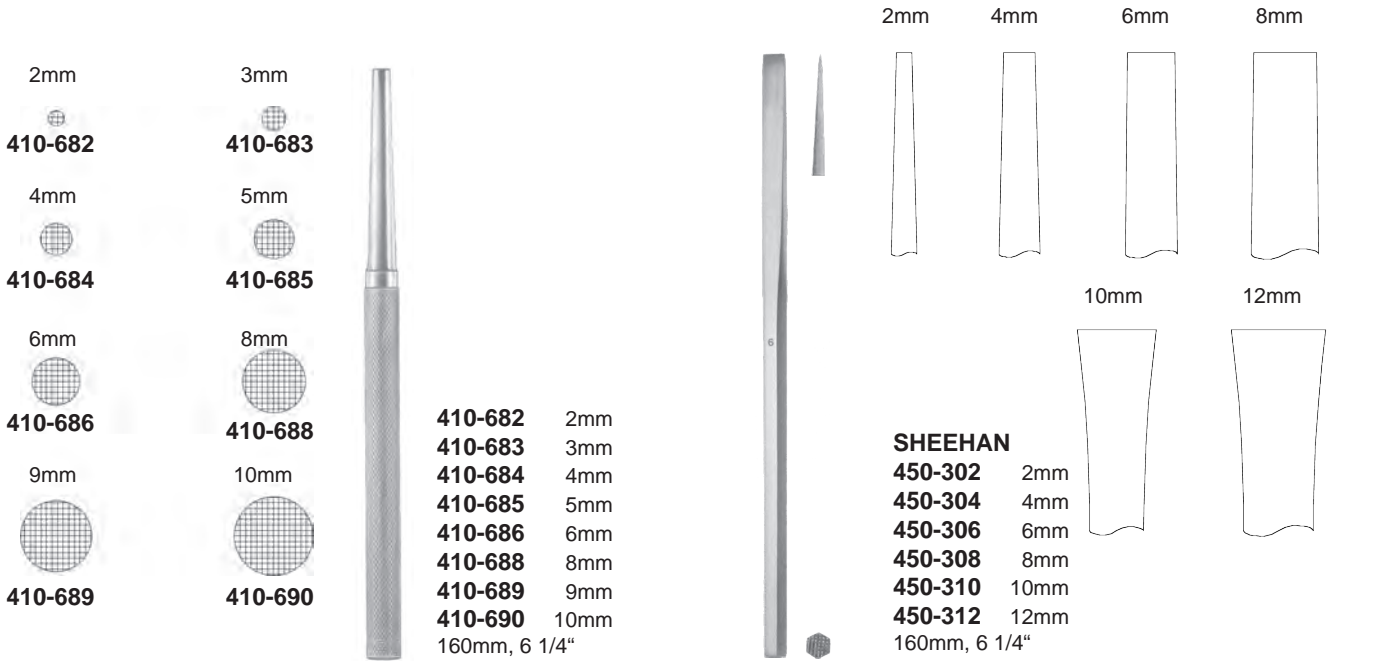


410-656
265mm, 10 1/2"

Kopf Ø 30/42mm	Gewicht 650g
head Ø 30/42mm	weight 650g
cabeza Ø 30/42mm	peso 650g
tete Ø 30/42mm	poids 650g

ELCON 410

STÖSSEL, FLACHMEISSEL, OSTEOTOME UND HOHLMEISSEL
TAMPERS, CHISELS, OSTEOTOMES, GOUGES
PUNZONES, CINCELES, OSTEOTOMOS Y GUBIAS
PILONS, CISEAUX-BURINS, OSTEOTOMES ET GOUGES



FREER
440-500
165mm, 6 1/2"



FREER
440-501
165mm, 6 1/2"



FREER
440-504
150mm, 6 1/2"



KILLIAN
440-591
160mm, 6 1/4"



KILIAN-CLAUS
440-593
160mm, 6 1/4"

2mm



3mm



4mm



5mm



6mm



PARTSCH

- 410-900** 2mm
 - 410-901** 3mm
 - 410-902** 4mm
 - 410-903** 5mm
 - 410-904** 6mm
- 135mm, 5 1/4"



PARTSCH

- 410-930** 2mm
 - 410-931** 3mm
 - 410-932** 4mm
 - 410-933** 5mm
 - 410-934** 6mm
- 170mm, 6 3/4"

2mm



3mm



4mm



5mm



6mm



PARTSCH

- 410-910** 2mm
 - 410-911** 3mm
 - 410-912** 4mm
 - 410-913** 5mm
 - 410-914** 6mm
- 135mm, 5 1/4"



PARTSCH

- 410-940** 2mm
 - 410-941** 3mm
 - 410-942** 4mm
 - 410-943** 5mm
 - 410-944** 6mm
- 170mm, 6 3/4"



410-960
4mm

410-961
6mm

410-962
8mm

410-963
10mm

410-964
12mm

410-965
14mm

ALEXANDER
410-960 - 410-965
 180mm, 7"



410-970
4mm

410-971
6mm

410-972
8mm

410-973
10mm

410-974
12mm

410-975
14mm

ALEXANDER
410-970 - 410-975
 180mm, 7"

ELCON 410

FLACHMEISSEL, OSTEOTOME
CHISELS, OSTEOTOMES
CINCELES, OSTEOTOMOS
CISEAUX-BURINS, OSTEOTOMES



BUCKLEY

411-2612 2mm
411-2613 3mm
411-2614 4mm
160mm, 6 1/4"

Hohlmeißel
GOUGES
GUBIAS
GOUGES



CARROLL

440-530 3mm
440-532 6mm
440-534 10mm
440-536 12mm
140mm, 5 1/2"



CARROLL

440-540 3mm
440-542 6mm
440-544 10mm
440-546 12mm
140mm, 5 1/2"



LUCAS

410-720-04 4mm
410-720-06 6mm
160mm, 6 1/4"



LUCAS

410-722-03 3mm
410-722-05 5mm
160mm, 6 1/4"



EASTgRINSTEAD

453-103 3mm
453-105 5mm
180mm, 7"



EASTgRINSTEAD

453-113 3mm
453-115 5mm
180mm, 7"

OSTEOTOME
OSTEOTOMES
OSTEOTOMOS
OSTEOTOMES

ELCON 410



MINI-LAMBOTTE

- 411-200 2mm
- 411-201 3mm
- 411-202 4mm
- 411-203 6mm
- 411-204 8mm
- 411-205 10mm
- 411-206 12mm
- 411-207 15mm
- 125mm, 5"



MINI-LAMBOTTE

- 411-210 2mm
- 411-211 3mm
- 411-212 4mm
- 411-213 6mm
- 411-214 8mm
- 411-215 10mm
- 411-216 12mm
- 411-217 15mm
- 170mm, 6 3/4"



LAMBOTTE

- 411-220 4mm
- 411-221 6mm
- 411-222 8mm
- 411-223 10mm
- 411-224 13mm
- 411-225 16mm
- 411-226 18mm
- 411-227 20mm
- 411-228 25mm
- 411-229 30mm
- 411-230 38mm
- 411-231 44mm
- 411-232 50mm
- 240mm, 9 1/2"



LAMBOTTE

- 411-240 4mm
- 411-241 6mm
- 411-242 8mm
- 411-243 10mm
- 411-244 13mm
- 411-245 16mm
- 411-246 18mm
- 411-247 20mm
- 411-248 25mm
- 411-249 30mm
- 411-250 38mm
- 411-251 44mm
- 411-252 50mm
- 240mm, 9 1/2"



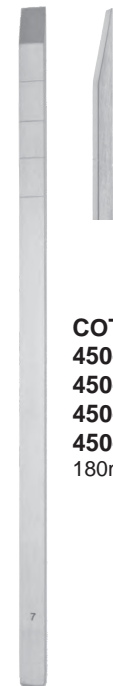
COTTLE

- 450-319 2mm
- 450-320 4mm
- 450-321 5mm
- 450-322 6mm
- 450-323 7mm
- 450-324 8mm
- 450-325 9mm
- 450-326 10mm
- 450-328 12mm
- 180mm, 7"



COTTLE

- 450-330 4mm
- 450-332 6mm
- 180mm, 7"



COTTLE

- 450-334 4mm
- 450-335 7mm
- 450-336 9mm
- 450-337 12mm
- 180mm, 7"

6mm

8mm

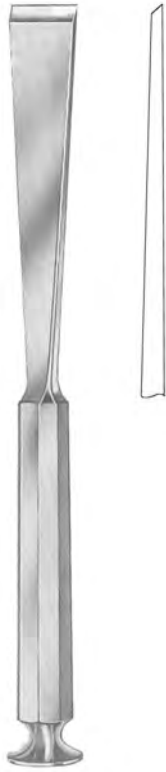
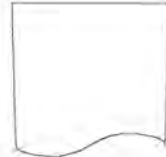
10mm

12mm

15mm

20mm

25mm



STILLE

410-796 6mm
410-798 8mm
410-800 10mm
410-802 12mm
410-804 15mm
410-806 20mm
410-808 25mm
200mm, 8"

STILLE

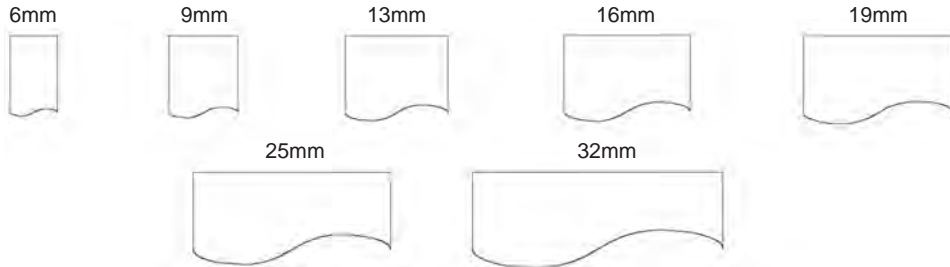
410-816 6mm
410-818 8mm
410-820 10mm
410-822 12mm
410-824 15mm
410-826 20mm
410-828 25mm
200mm, 8"

STILLE

410-836 6mm
410-838 8mm
410-840 10mm
410-842 12mm
410-844 15mm
410-846 20mm
410-848 25mm
200mm, 8"

OSTEOTOME, HOHLMEISSEL
 OSTEOTOMES, GOUGES
 OSTEOTOMOS, GUBIAS
 OSTEOTOMES, GOUGES

ELCON
410



SMITH-PETERSON
411-162-06 6mm
411-162-09 9mm
411-162-13 13mm
411-162-16 16mm
411-162-19 19mm
411-162-25 25mm
411-162-32 32mm
 200mm, 8"

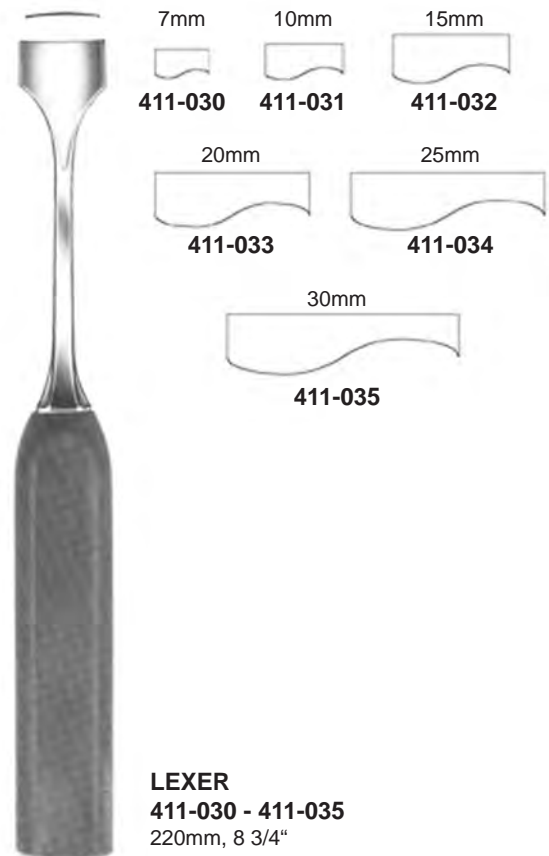
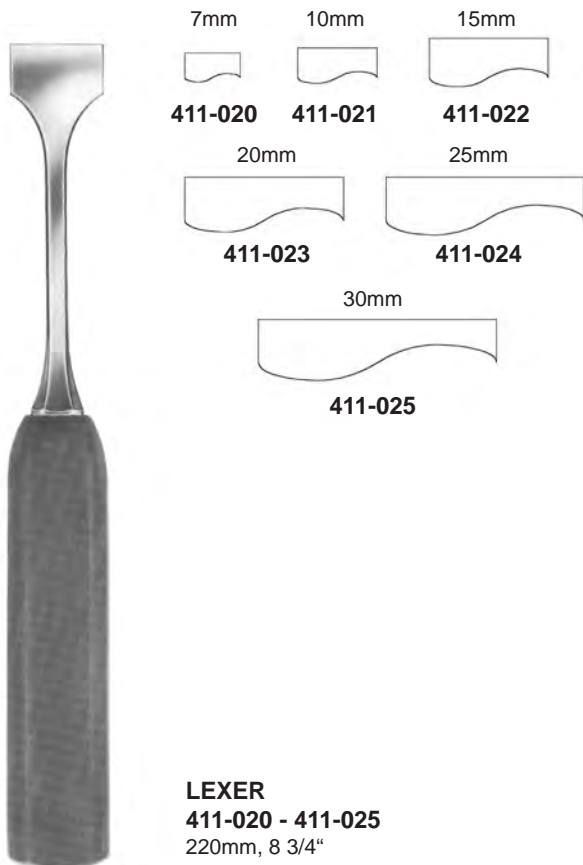
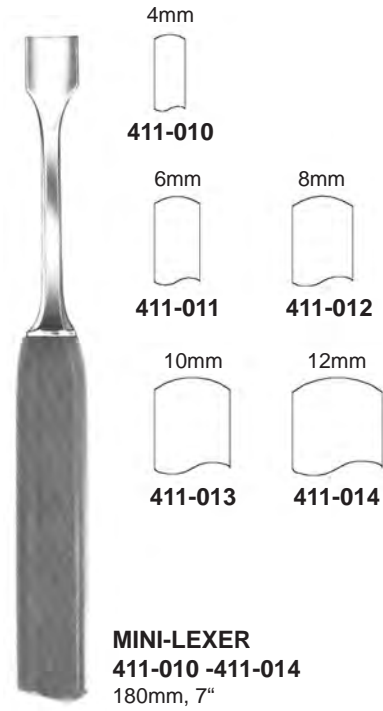
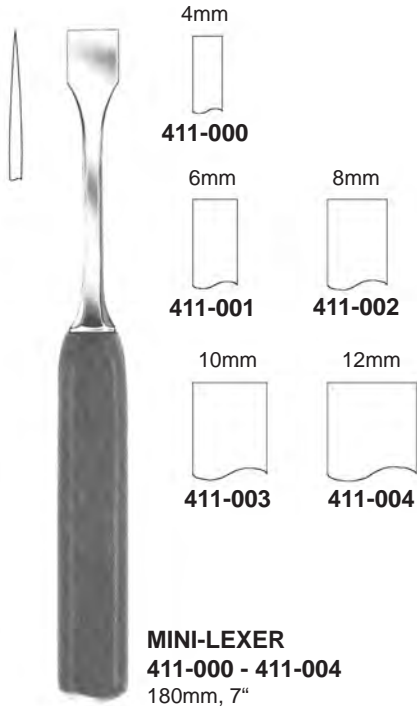
SMITH-PETERSON
411-163-06 6mm
411-163-09 9mm
411-163-13 13mm
411-163-16 16mm
411-163-19 19mm
411-163-25 25mm
411-163-32 32mm
 200mm, 8"

SMITH-PETERSON
411-160-06 6mm
411-160-09 9mm
411-160-13 13mm
411-160-16 16mm
411-160-19 19mm
411-160-25 25mm
411-160-32 32mm
 200mm, 8"

SMITH-PETERSON
411-161-06 6mm
411-161-09 9mm
411-161-13 13mm
411-161-16 16mm
411-161-19 19mm
411-161-25 25mm
411-161-32 32mm
 200mm, 8"

ELCON 410

OSTEOTOME, HOHLMEISSEL
OSTEOTOMES, GOUGES
OSTEOTOMOS, GUBIAS
OSTEOTOMES, GOUGES



FLACHMEISSEL, HOHLMEISSEL
 CHISELS, GOUGES
 CINCELES, GUBIAS
 CISEAUX-BURIN, GOUGES

ELCON
410



411-2620 4mm
411-2622 6mm
411-2624 10mm
411-2626 15mm
411-2628 20mm,
 200mm,



411-2621 4mm
411-2623 6mm
411-2625 10mm
411-2627 15mm
411-2629 20mm,
 200mm,



5mm



411-050

10mm



411-052

15mm



411-054

LEXER
411-050 - 411-054
 250mm, 10"

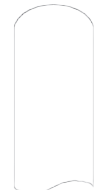


5mm



411-051

10mm



411-053

15mm



411-055

LEXER
411-051 - 411-055
 250mm, 10"



COBB
411-080
280mm, 11"



COBB
411-081
280mm, 11"



COBB
411-082
280mm, 11"



COBB
411-083
280mm, 11"



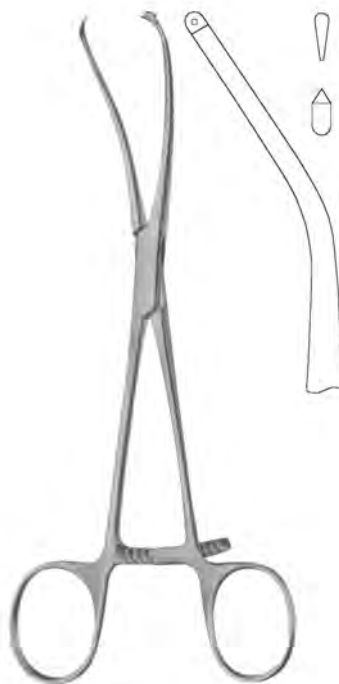
411-303
130mm, 5 1/4"



411-307
145mm, 5 3/4"



411-308
170mm, 6 3/4"



411-3046
170mm, 6 3/4"



411-313
205mm, 8"



DINGMANN
411-310
190mm, 7 ½"



LEWIN
411-330
180mm, 7"



411-309
135mm, 5 ¼"



411-319
140mm, 5 ½"



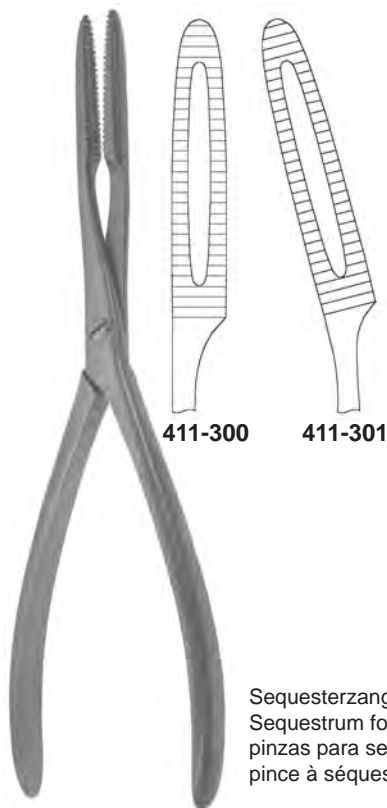
LANGENBECK
411-322
 210mm, 8 1/4"



FERGUSON
411-324
 210mm, 8 1/4"



411-320
 200mm, 8"



411-300 200mm, 8"
411-301 200mm, 8"

Sequesterzange
 Sequestrum forceps
 pinzas para secuestro
 pince à séquestre



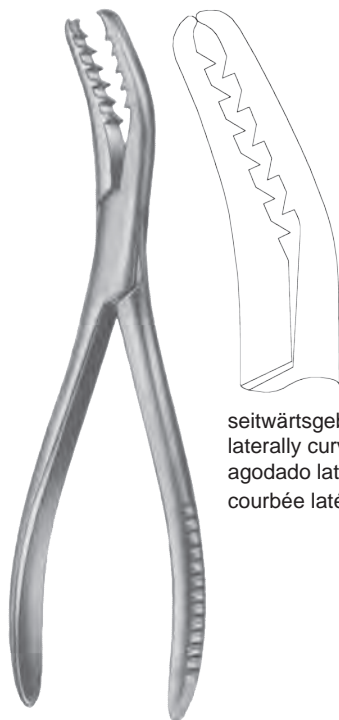
VAN BUREN
411-305
 225mm, 8 3/4"

Sequesterzange
 Sequestrum forceps
 pinzas para secuestro
 pince à séquestre

max. Öffnung 15mm
max. opening 15mm
max. abertura 15mm
max. écartement 15mm



LAHEY
411-316
135mm, 5 ¼"

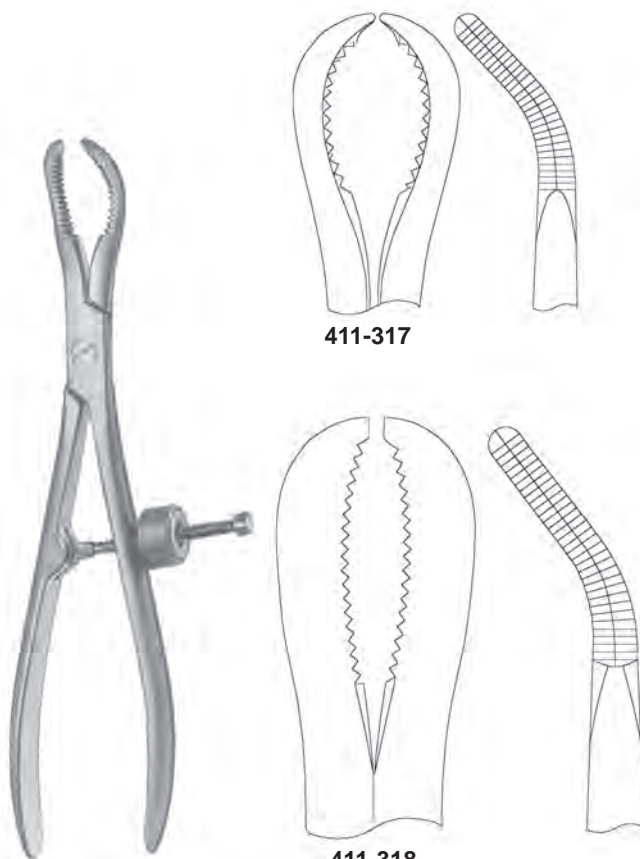


seitwärtsgebogen
laterally curved
agodado lateralmente
courbée latéralement

SEMB
250-900
190mm, 7 ½"



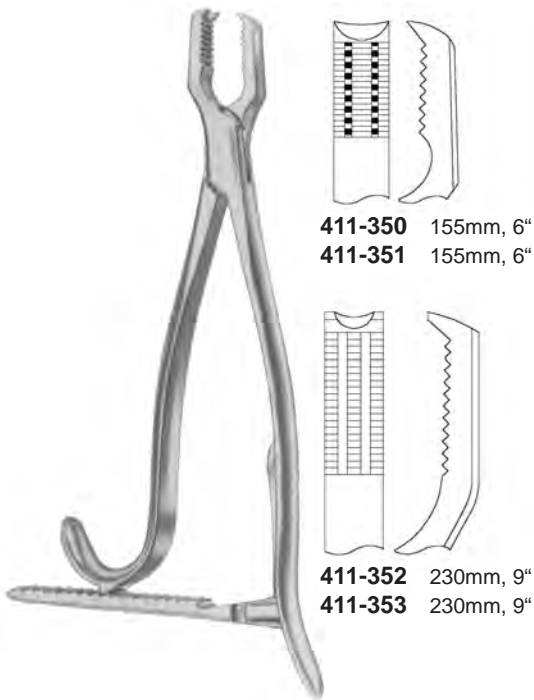
SEMB
250-901
190mm, 7 ½"



411-317

411-318

411-317 170mm, 6 ¾"
411-318 240mm, 9 ½"



411-350 155mm, 6"

411-351 155mm, 6"

411-352 230mm, 9"

411-353 230mm, 9"

KERN

411-350

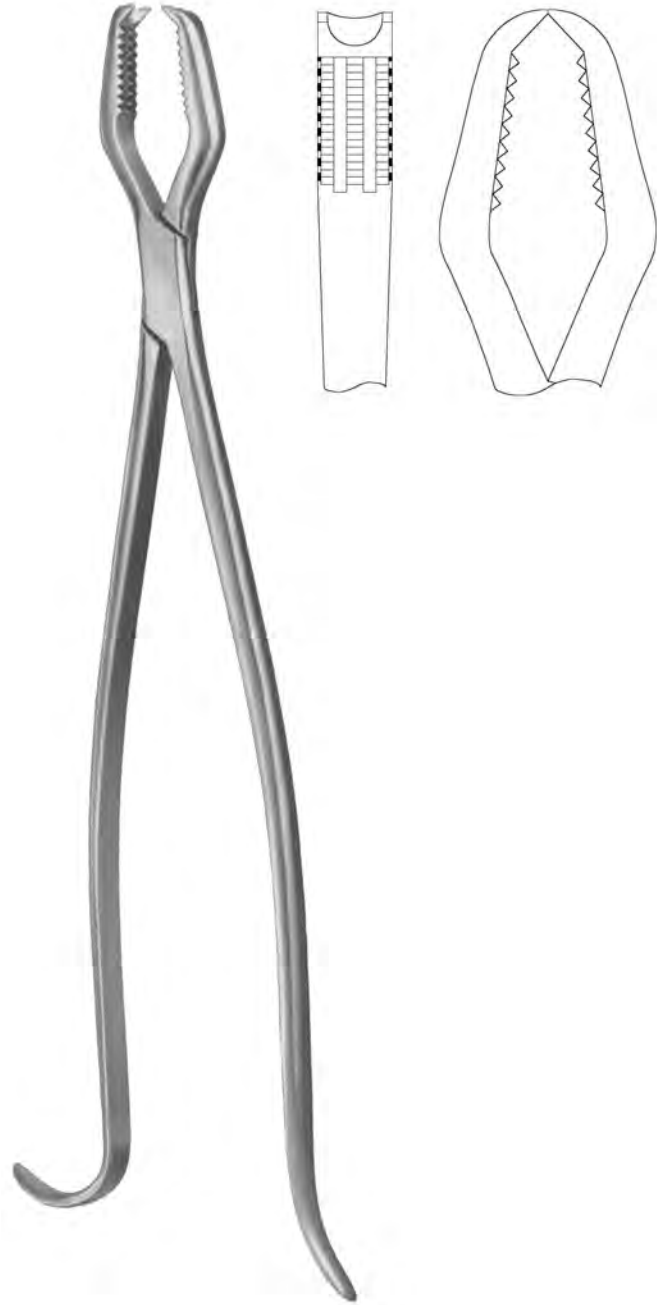
411-352

ohne Sperre
 without ratchet
 sin cremallera
 sans crémaillère

411-351

411-353

mit Sperre
 with ratchet
 con cremallera
 avec crémaillère



LANE

411-356

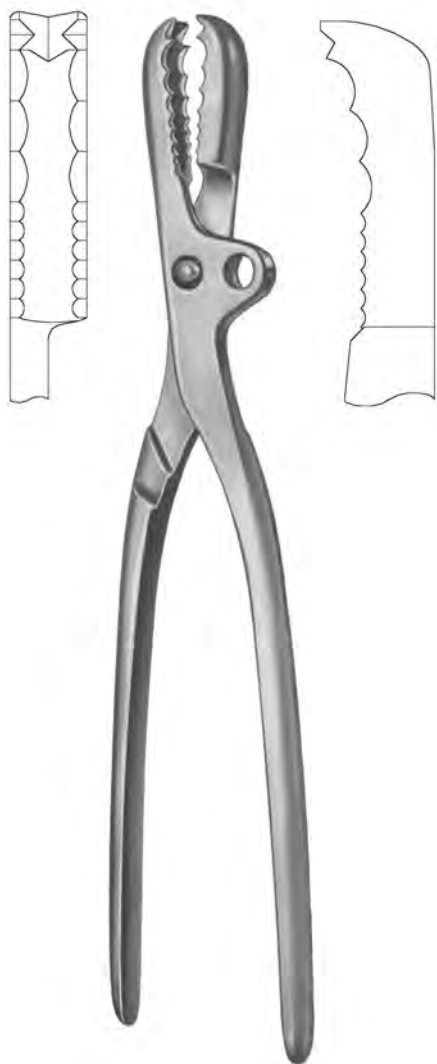
330mm, 13"

ohne Sperre
 without ratchet
 sin cremallera
 sans crémaillère

411-357

330mm, 13"

mit Sperre
 with ratchet
 con cremallera
 avec crémaillère



FARABEU

411-341 230mm, 9"

411-342 260mm, 10 1/4"



FARABEU-LAMBOTTE

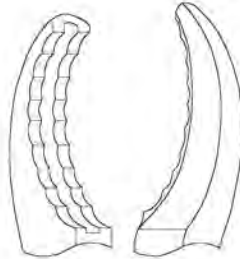
411-340 260mm, 10 1/4"



411-390
411-391



411-392
411-393



411-394
411-395



ULRICH
411-390 230mm, 9"
411-392 250mm, 10"
411-394 280mm, 11"



ULRICH
411-391 220mm, 8 3/4"
411-393 240mm, 9 1/2"
411-395 270mm, 10 3/4"



HEY-GROVES
411-345 200mm, 8"
411-346 250mm, 10"
411-347 305mm, 12"

ELCON 410

KNOCHENHALTEZANGEN
BONE HOLDING FORCEPS
PINZAS PARA HUESO
DAVIERS PORTE-OS

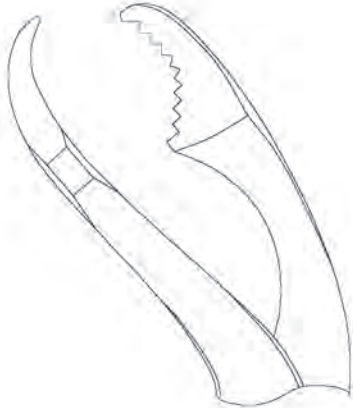
5mm



411-370

4mm

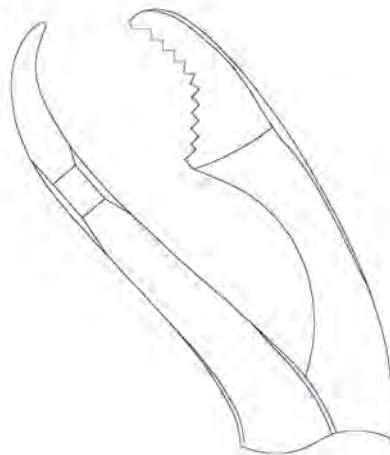
10mm



411-371

4,5mm

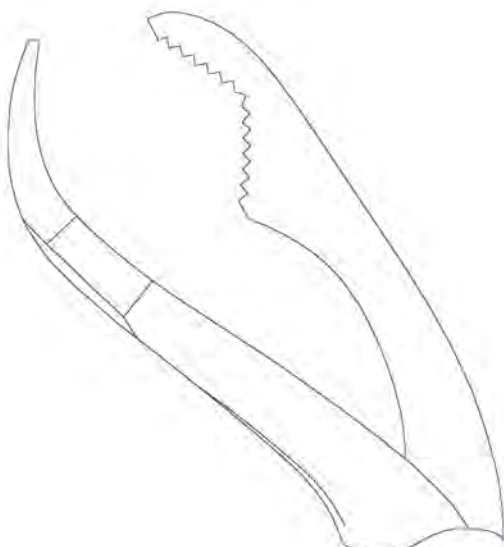
11mm



411-372

4,5mm

12mm



411-373



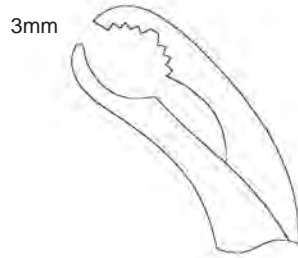
VERBRUGGE
411-370 175mm, 7"



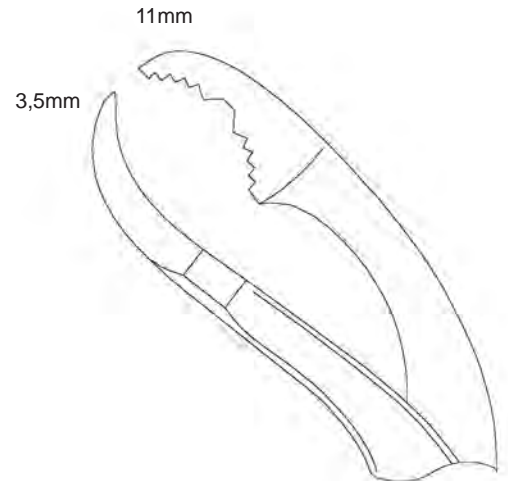
VERBRUGGE
411-371 255mm, 10"
411-372 265mm, 10 1/2"
411-373 275mm, 10 3/4"



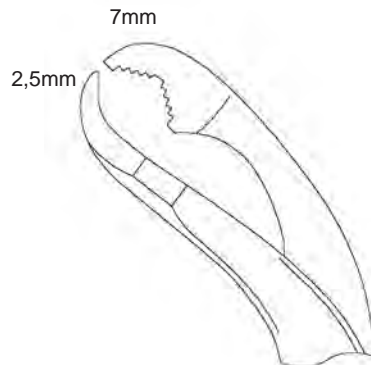
- 411-375** 150mm, 6"
- 411-376** 190mm, 7 1/2"
- 411-377** 240mm, 9 1/2"
- 411-378** 260mm, 10 1/4"
- 411-379** 280mm, 11"



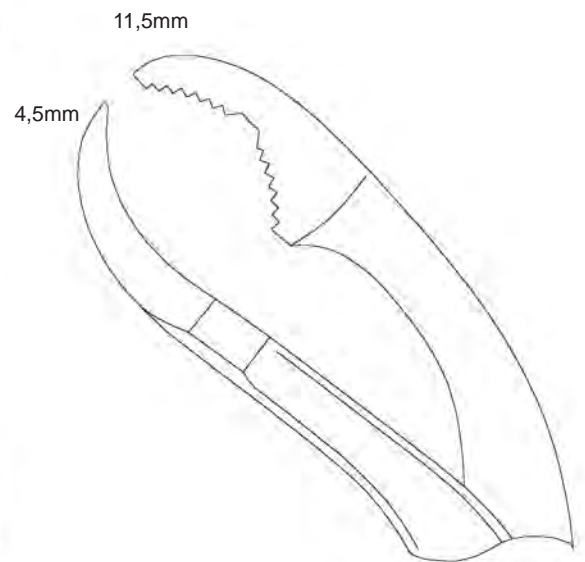
411-375



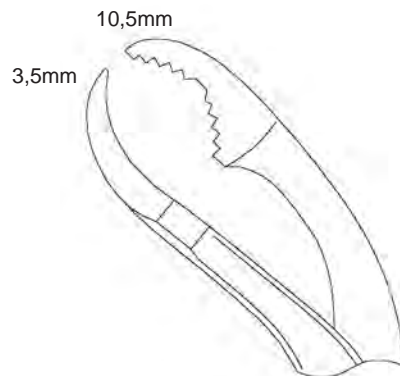
411-378



411-376



411-379



411-377



LOWMAN

- 411-400** 120mm, 4 ¾"
- 411-401** 185mm, 7 ¼"
- 411-402** 200mm, 8"
- 411-403** 220mm, 8 ¾"



beweglich
movable
movible
mobile

LOWMAN-HOGLUND

- 411-411** 185mm, 7 ¼"
- 411-412** 200mm, 8"



**GERSTER
411-450**

Distraktionsklammer für Knochenklemmen.
Traction bar for Lowman bone clamps.
Barra de tracción para pinzas Lowman.
Tracteur pour daviers Lowman.



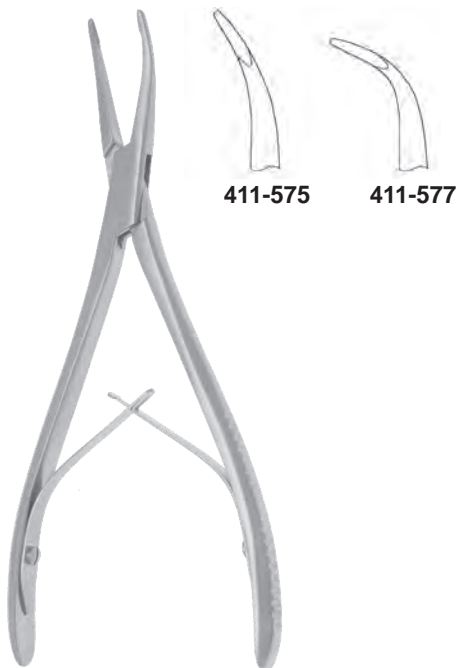
MINI FRIEDMANN
411-505 125mm, 5"



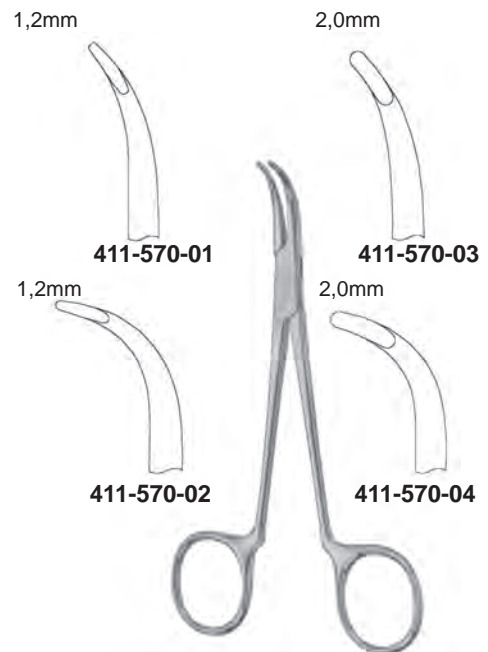
FRIEDMANN
411-507 135mm, 5 1/4"
411-509 135mm, 5 1/4"



LUER
411-539 145mm, 5 3/4"
411-541 145mm, 5 1/4"
411-543 145mm, 5 3/4"



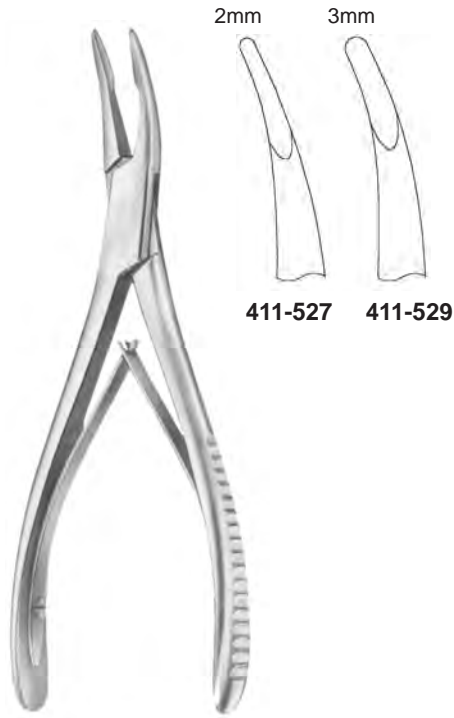
STELLBRINK
411-575 175mm, 6 3/4"
411-577 170mm, 6 3/4"



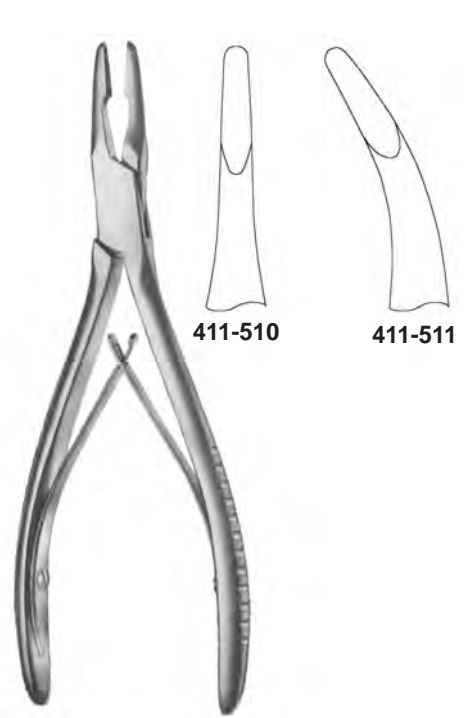
411-570-01 1,2mm
411-570-02 1,2mm
411-570-03 2,0mm
411-570-04 2,0mm
 130mm, 5 1/8"



HARTMANN
411-503 175mm, 6 7/8"



BEYER
411-527 175mm, 6 7/8"
411-529 175mm, 6 7/8"



JANSEN
411-510 175mm, 6 7/8"
411-511 175mm, 6 7/8"



BLUMENTHAL
411-565 - 411-569



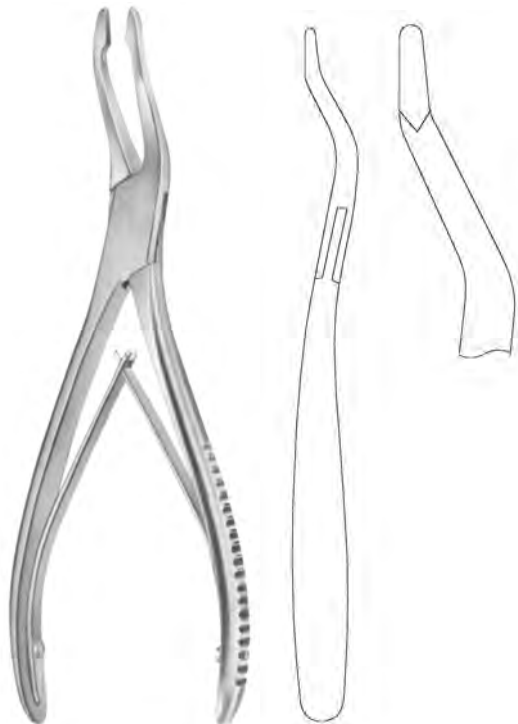
411-565
155mm, 6 1/8"



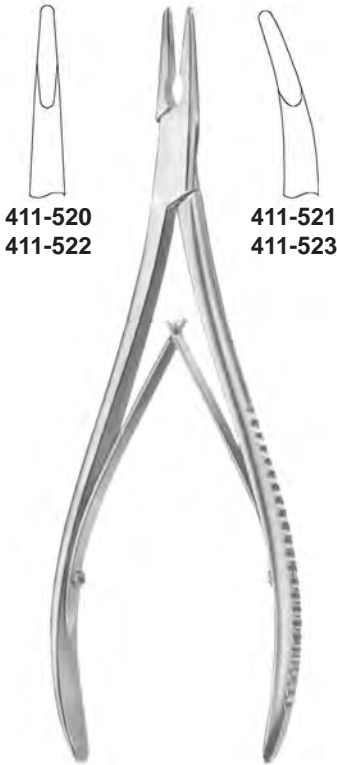
411-567
150mm, 6"



411-569
140mm, 5 1/2"



JANSEN
411-513 190mm, 7 1/2"



411-520
 411-522

411-521
 411-523

LEMPERT

411-520 160mm, 6 1/4" 411-521
 411-522 190mm, 7 1/2" 411-523



411-583

411-589

MEAD

411-583 165mm, 6 1/2"
 411-589 165mm, 6 1/2"



NORTHFIELD

411-553 210mm, 8 1/4"



8mm
 411-548

8mm
 411-549

LUER

411-548 175mm, 6 7/8"
 411-549 175mm, 6 7/8"



10mm
 411-546

10mm
 411-547

LUER

411-546 180mm, 7"
 411-547 180mm, 7"



ADSON
343-714 205mm, 8"

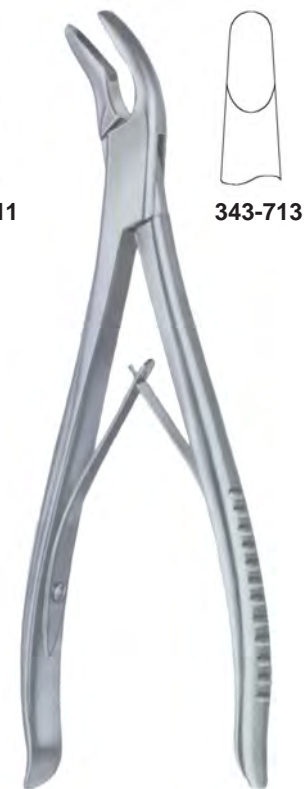
Schädel Rongeur
Cranial Rongeur
Gubia craneal
Rongeur cranién



OLIVECRONA
411-535 205mm, 8"

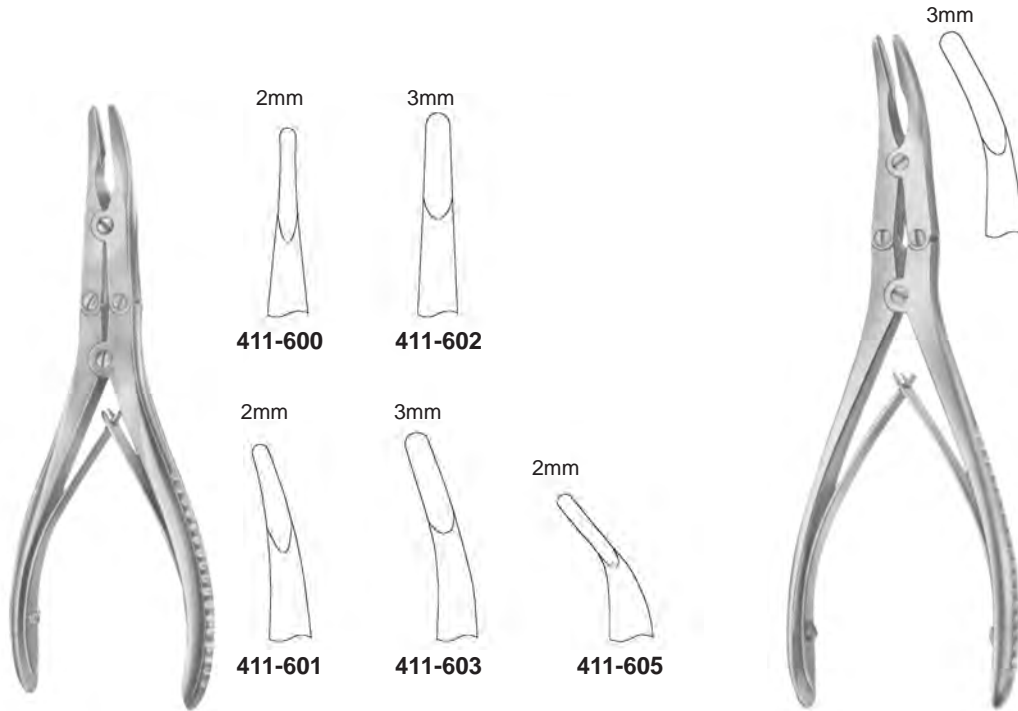


CLEVELAND
411-593 135mm, 5 ¼"
411-595 165mm, 6 ½"



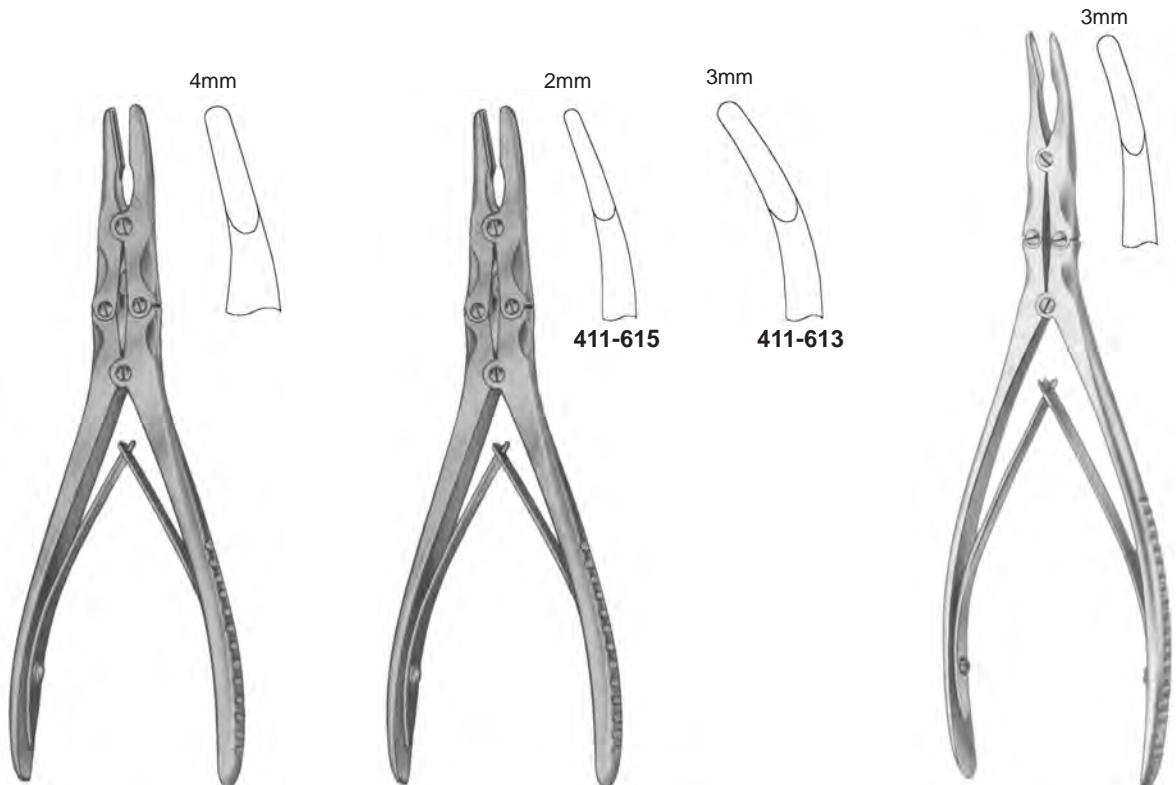
STOOKEY **BACON**
343-711 200mm, 8" **343-713**

Schädel Rongeur
Cranial Rongeur
Gubia craneal
Rongeur cranién



BOEHLER
 411-600 - 411-605
 150mm, 6"

MAYFIELD
 411-611 170mm, 6 3/4"



ZAUFAL-JANSEN
 411-617 180mm, 7"

BEYER
 411-613 - 411-615
 180mm, 7"

MARQUART
 411-619 200mm, 8"



4mm



411-620

6mm



411-624

4mm



411-621

6mm



411-625

RUSKIN
411-620 - 411-625
180mm, 7"



5mm



ROETTGEN-RUSKIN
411-631
240mm, 9 1/2"



7mm



411-632

7mm



411-633

RUSKIN-STILLE
411-632-411-633
240mm, 9 1/2"



411-670
 411-672



411-671
 411-673



411-681



411-660



411-661



STILLE LUER
 411-670 230mm, 9" 411-671
 411-672 270mm, 10 1/2" 411-673



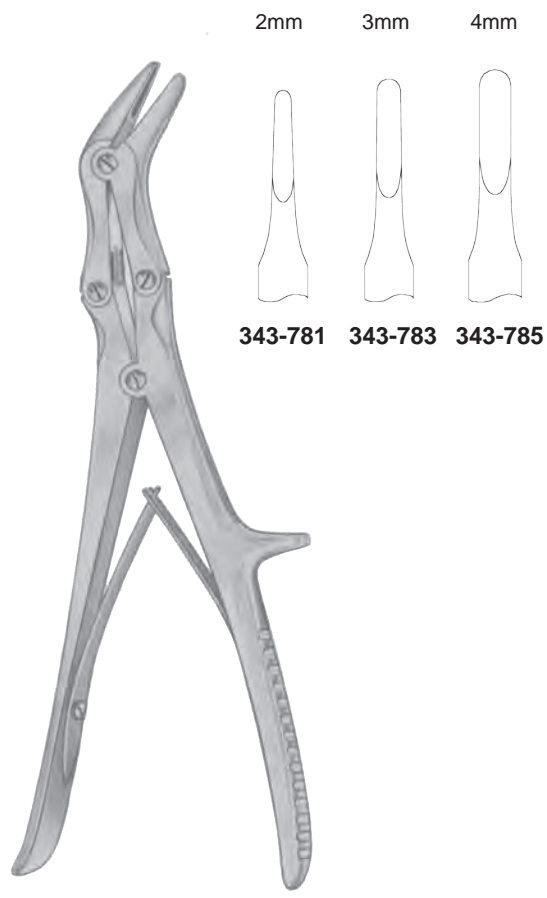
SEMB
 411-681 235mm, 9 1/4"



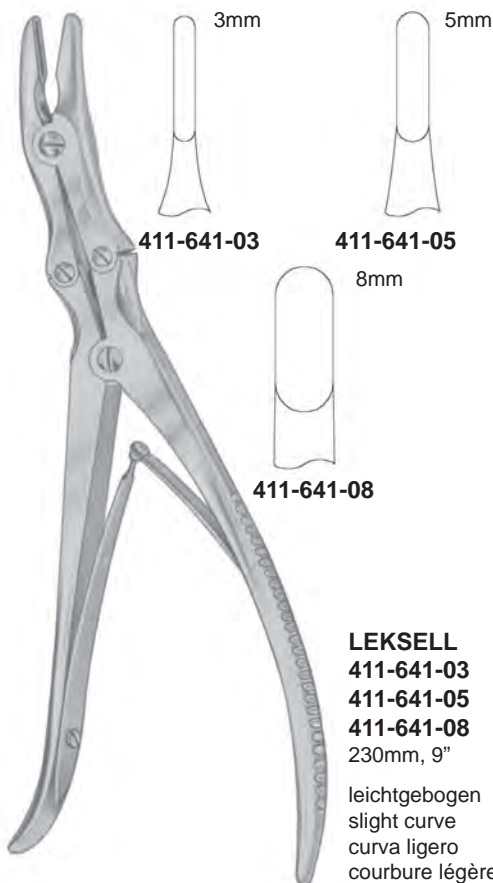
STILLE LUER
 411-660 225mm, 8 3/4" 411-661



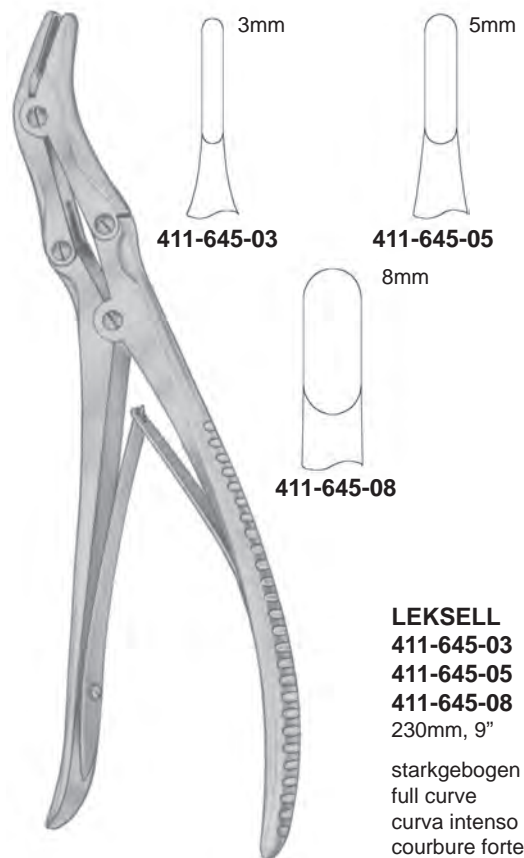
STILLE
411-651 230mm, 9"



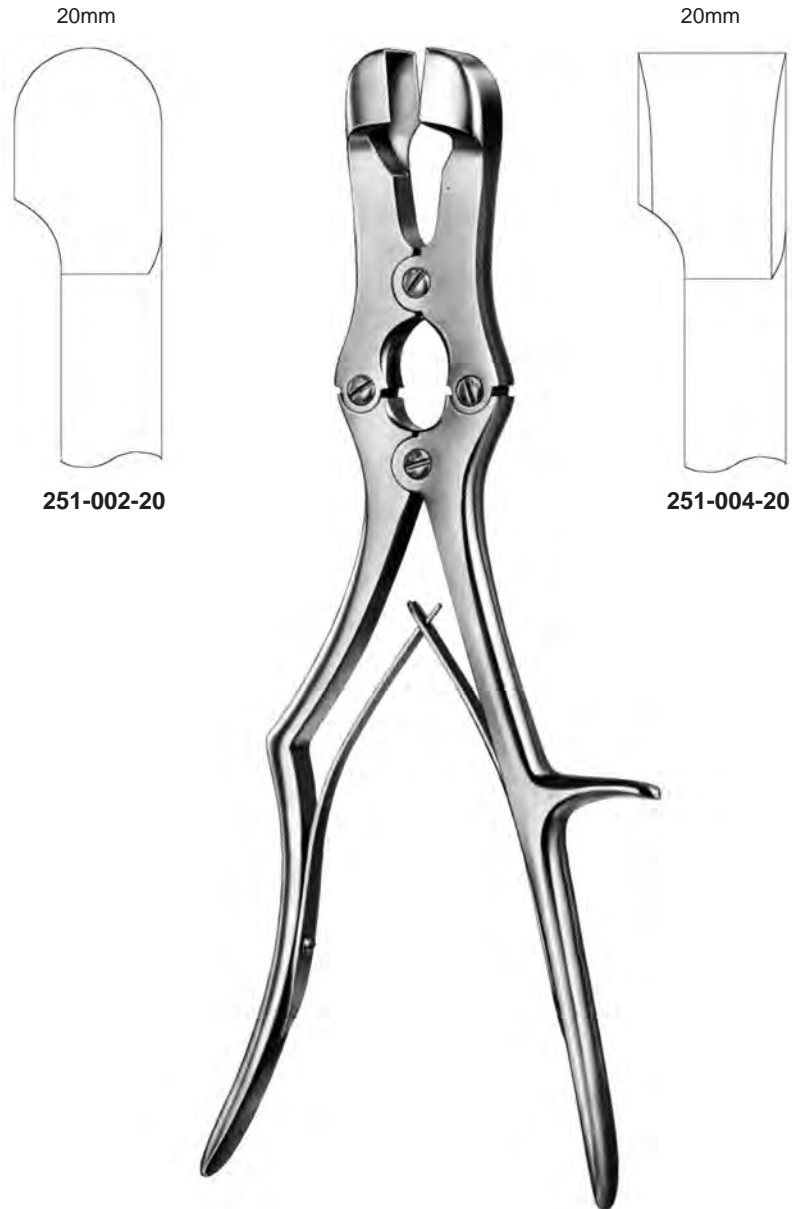
ECHLIN
343-781 - 343-785
230mm, 9"



LEKSELL
411-641-03 3mm
411-641-05 5mm
411-641-08 8mm
230mm, 9"
leichtgebogen
slight curve
curva ligero
courbure légère



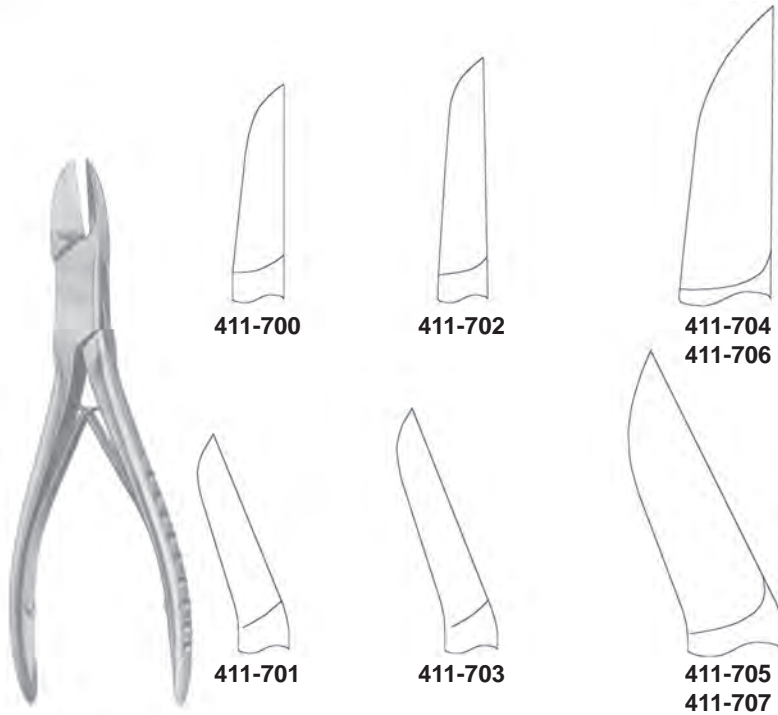
LEKSELL
411-645-03 3mm
411-645-05 5mm
411-645-08 8mm
230mm, 9"
starkgebogen
full curve
curva intenso
courbure forte



SAUERBRUCH
251-002-20 310mm, 12 1/4" 251-004-20

ELCON 410

KNOCHENSPLITTERZANGEN
BONE CUTTING FORCEPS
PINZAS CORTANTES PARA HUESO
PINCES COUPANTES A OS



LISTON

- 411-700** 140mm, 5 1/2"
- 411-701** 140mm, 5 1/2"
- 411-702** 170mm, 6 3/4"
- 411-703** 170mm, 6 3/4"
- 411-704** 200mm, 8"
- 411-705** 200mm, 8"
- 411-706** 220mm, 8 3/4"
- 411-707** 220mm, 8 3/4"



LITTAUER-LISTON
411-710
150mm, 6"



CLEVELAND
411-749
150mm, 6"



CLEVELAND
411-751
170mm, 6 3/4"



KAZANJIAN
451-120
185mm, 7 1/4"

KNOCHENSPLITTERZANGEN
BONE CUTTING FORCEPS
PINZAS CORTANTES PARA HUESO
PINCES COUPANTES A OS

ELCON
410



411-800



411-801

BOEHLER
411-800 - 411-801
150mm, 6"



411-810



411-811

MC INDOE
411-810 - 411-811
175mm, 7"



411-822



411-823

RUSKIN-LISTON
411-822 - 411-823
180mm, 7 1/2"



411-820



411-821

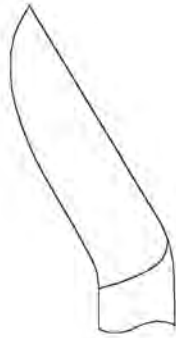
ROWLAND
411-820 - 411-821
180mm, 7"



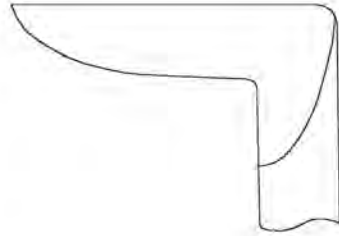
411-830
270mm, 10 3/4"



411-829
235mm, 9 1/4"



411-831
270mm, 10 3/4"



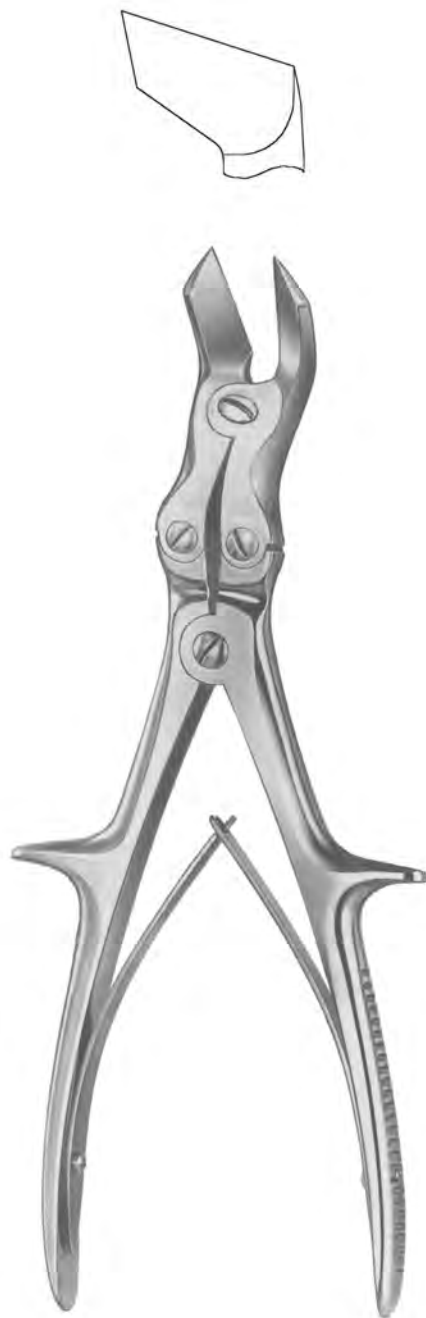
411-833
260mm, 10 1/4"



LISTON
411-829 235mm, 9 1/4"
411-830 270mm, 10 3/4"
411-831 270mm, 10 3/4"



LISTON
411-833
260mm, 10 1/4"



**STILLE-HORSLEY
(TUDOR EDWARDS)**
411-840
260mm, 10 1/4"



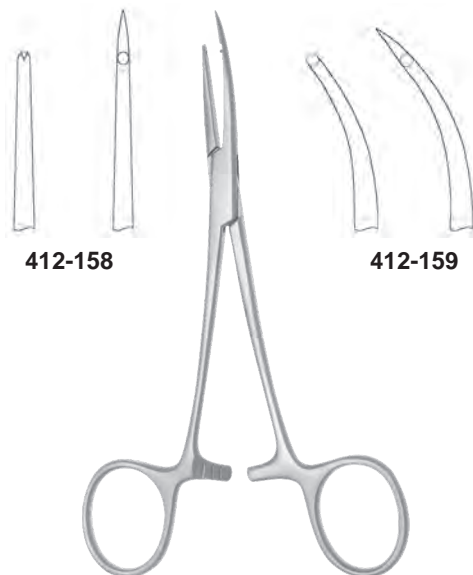
SEMB
411-850
240mm, 9 1/2"

ELCON 410

SEHNENFASSZANGEN, SEHNENFLECHTKLEMMEN
TENDON HOLDING AND INTERLACING FORCEPS,
PINZAS PARA COGER Y ENTRECROZAR TENDONES,
PINCES POUR SAISIR ET POUR ENTRELACER LES TENDONS



BRAND
412-180 150mm, 6"
412-182 190mm, 7 1/2"



412-158 – 412-159
150mm, 6"



CARROLL
412-127

Nutzlänge 110mm, 4 3/8"
working length 110mm, 4 3/8"
longitud de utilitario 110mm, 4 3/8"
longeur utilitaire 110mm, 4 3/8"



längs durchbohrt
cannulated
barrenado oblongo
perforation axiale

mit Schlüssel
with key
con llave
avec clef

412-538 130mm

Spannweite bis Ø 6,35mm
for shanks up to 6,35mm
apertura hasta Ø 6,35mm
passage jusqu'a Ø 6,35mm



412-586 160mm, 6 1/4"



412-588 140mm, 5 4/8"



PERTHES

412-580 180mm, 7"

412-581 215mm, 8 1/2"



**BUNNEL
412-500**

längsdurchbohrt, Spannweite bis Ø 4mm mit Schlüssel (412-501)
cannulated for shanks up to 4mm with key (412-501)
barrenado oblongo, apertura hasta Ø 4mm on llave (412-501)
passage jusqu'a Ø 4mm, avec clef (412-501)



**RALK
412-520**

längsdurchbohrt, Spannweite bis Ø 6,35mm mit Schlüssel (412-521)
cannulated for shanks up to 6,35mm with key (412-521)
barrenado oblongo, apertura hasta Ø 6,35mm con llave (412-521)
passage jusqu'a 6,35mm, avec clef (412-521)



412-510
275mm, 10 1/4"

Spindel längsdurchbohrt, Spannweite bis 6,00mm
Cannulated spindle for shanks up to 6,00mm
huso barrenado oblongo, apertura hasta Ø 6,00mm
passage de fuseau et mâchoire jusqu'a 6,00mm

2,5mm

3,5mm



412-604 170mm, 6 3/4"
412-606 250mm, 10"

412-600 250mm, 10"
412-601 200mm, 8"

412-602 250mm, 10"
412-603 200mm, 8"

412-608 250mm, 10"

PHILIPS
412-610 250mm, 10"

ELCON 410

STAHLDRAHT, DRAHTUMFÜHRUNGSINSTRUMENTE, DRAHTSPANNER
BONE WIRE, WIRE GUIDES, WIRE TIGHTENER
HILOS DE CERCLAJE, AGUJAS PASA-HILO, TENSOR CIERRA-HILO
FIL POUR CERCLAGE, AIGUILLES PASSE-FILS, TENDEUR SERRE-FIL



gewebeverträglich
tissue compatible
inofensivo para tejido
bien toléré par les tissus

Ømm	Ø gauge	
0,2	31G	413-002
0,3	29G	413-003
0,4	27G	413-004
0,5	25G	413-005
0,6	23G	413-006
0,7	22G	413-007
0,8	21G	413-008
0,9	20G	413-009
1,0	19G	413-010
1,2	18G	413-012
1,5		413-015

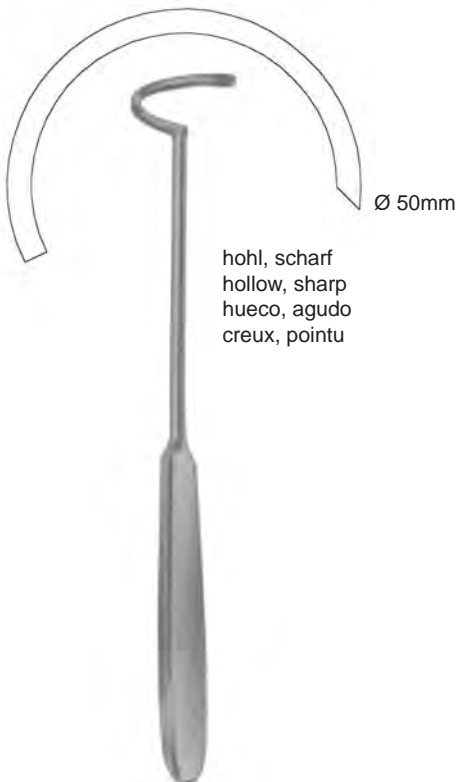
Cerclage-Drähte, weich, Ringe zu 10 m
Bone wires, soft, coils of 10 m
Hilos de cerclaje blandos rollos de 10 m
Fil pour cerclage, souple, rouleaux de 10 m



LOUTE
413-100
210mm, 8 1/4"

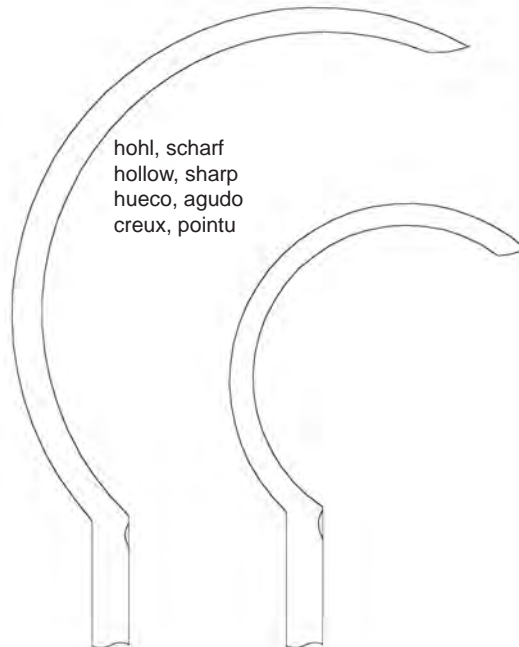


DEMEL
413-120
280mm, 11"



hohl, scharf
hollow, sharp
hueco, agudo
creux, pointu

DEMEL
413-072
230mm, 9"



hohl, scharf
hollow, sharp
hueco, agudo
creux, pointu

413-065
Ø 80mm

413-062
Ø 45mm

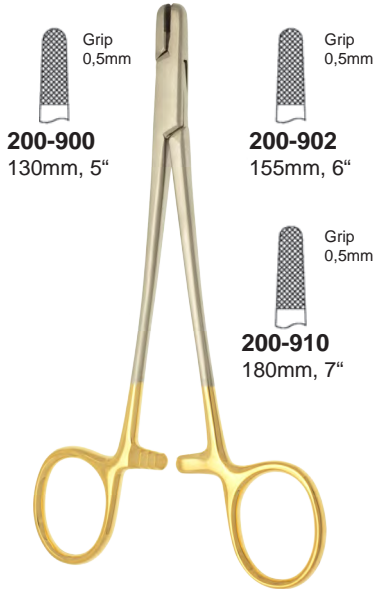


DEMEL
413-062 240mm, 9 1/2"
413-065 270mm, 10 3/4"

TUNGSTENGRIP DRAHTSPANNZANGE
 TUNGSTENGRIP WIRE TWISTER
 TUNGSTENGRIP PINZAS PARA TORCER ALAMBRE
 TUNGSTENGRIP PINCES A TORCER LE FIL

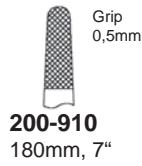
ELCON
410

TUNGSTENGRIP



200-900
 130mm, 5"

200-902
 155mm, 6"

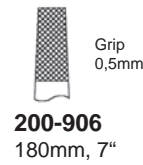


200-910
 180mm, 7"

200-900
200-902
200-910



200-926
 155mm, 6"



200-906
 180mm, 7"

200-906
200-926



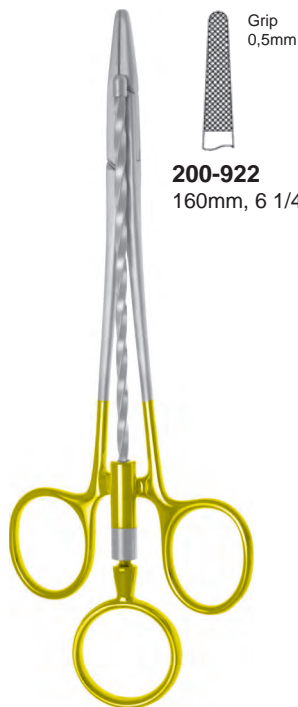
200-904
 155mm, 6"

200-904



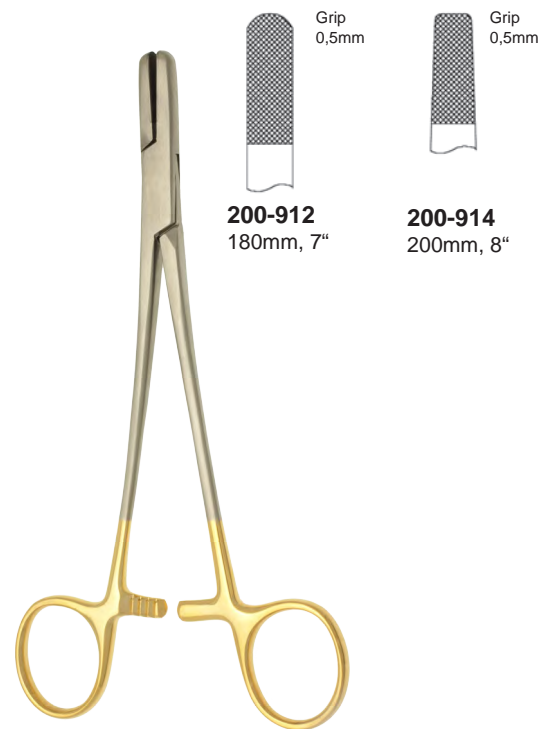
200-908
 200mm, 8"

200-908



200-922
 160mm, 6 1/4"

CORWIN
200-922 160mm, 6 1/4"



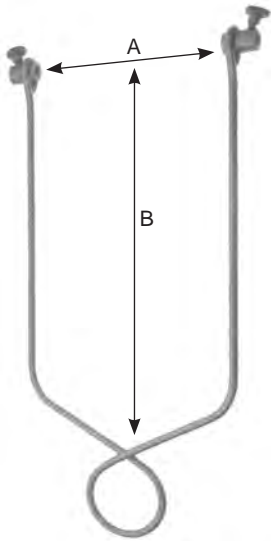
200-912
 180mm, 7"

200-914
 200mm, 8"

200-912 - 200-914

ELCON 410

EXTENSIONSBÜGEL
TRACTION BOWS
EXTRIBOS PARA EXTENSION
EXTRIERIS A EXTENSION



BÖHLER 413-600 90 x 160mm 3 1/2" x 6 1/4" für Arm for arm para brazo pour bras	BÖHLER 413-601 110 x 210mm 4 3/8" x 8 1/4" für Oberschenkel und Knie for thigh and knee para muslo y de la rodilla, pour femur et genou	BÖHLER 413-602 150 x 210mm 6" x 8 1/4" für Oberschenkel und Knie for thigh and knee para muslo y de la rodilla pour femur et genou
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413-631



413-661 - 413-663

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



413-650 - 413-651

STEINMANN

mm	Ø 4mm
80	416-0508
100	416-0510
120	416-0512
140	416-0514
150	416-0515
160	416-0516
180	416-0518
200	416-0520
210	416-0521
250	416-0525
300	416-0530

mit Trokarspitze und 3kant Schaft
aus Implantatstahl DIN 17443

with trocar point and triangular shaft,
implant stainless steel to DIN 17443

con punta trocar y vastago triangular,
para acero inoxidable, conforme a DIN 17443

à pointe triangulaire, extrémité triangulaire,
acier inoxydable, à la norme DIN 17443

KIRSCHNER			
	A		A
413-661	65 - 120mm	413-650	40 - 135mm
413-662	90 - 200mm	413-651	70 - 190mm
413-663	90 - 250mm		

für Kirschner Drähte bis Ø 2,5mm; for Kirschner wires up to 2,5mm diam.
para agujas Kirschner hasta Ø 2,5mm; pour broches Kirschner jusqu'à 2,5mm Ø

TROKARSPITZE, TROCAR POINT
PUNTAS DE TROCAR, POINTE DE TROCARTÉ

Ømm diam.	100mm 4"	150mm 6"	310mm 12 ½"
0,8	419-0038	419-0138	419-0308
1,0	419-0040	419-0140	419-0310
1,2	419-0042	419-0142	419-0312
1,4	419-0044	419-0144	419-0314
1,5	419-0045	419-0145	419-0315
1,6	419-0046	419-0146	419-0316
1,8	419-0048	419-0148	419-0318
2,0	419-0050	419-0150	419-0320
2,2	419-0052	419-0152	419-0322
2,5	419-0055	419-0155	419-0325
3,0	419-0060	419-0160	419-0330

RUNDES ENDE, ROUND SHAFT
CON VASTAGO, REDONDO, A EXTREMITE RONDE

TROKARSPITZE, TROCAR POINT
PUNTAS DE TROCAR, POINTE DE TROCARTÉ

Ømm diam.	150mm 6"	310mm 12 ½"
0,8	419-1138	419-1308
1,0	419-1140	419-1310
1,2	419-1142	419-1312
1,4	419-1144	419-1314
1,5	419-1145	419-1315
1,6	419-1146	419-1316
1,8	419-1148	419-1318
2,0	419-1150	419-1320
2,2	419-1152	419-1322
2,5	419-1155	419-1325
3,0	419-1160	419-1330

MIT FLACHEM ENDE, WITH FLAT SHAFT
CON TERMINO PLANMO, A EXTREMITE PLATE

Sämtliche Bohrdrähte auch in anderen Längen lieferbar!
On request, available in any other length needed!
Entregable en otras medidas!
Livrables, sur demande, dans toute autre longueur!

Packungen zu je 10 Stück.
packages of 10 pieces.
Paquete de 10 piezas.
Paquets de 10 pièces.

BEIDSEITIG TROKAR, DOUBLE TROCAR POINT
PUNTAS DE TROCAR, DOBLE, POINTE DE TROCARTÉ, DOUBLE

Ømm diam.	100mm 4"	150mm 6"	230mm 9"	310mm 12 ½"
0,8	419-2038	419-2138	419-2208	419-2308
1,0	419-2040	419-2140	419-2210	419-2310
1,2	419-2042	419-2142	419-2212	419-2312
1,4	419-2044	419-2144	419-2214	419-2314
1,5	419-2045	419-2145	419-2215	419-2315
1,6	419-2046	419-2146	419-2216	419-2316
1,8	419-2048	419-2148	419-2218	419-2318
2,0	419-2050	419-2150	419-2220	419-2320
2,2	419-2052	419-2152	419-2222	419-2322
2,5	419-2055	419-2155	419-2225	419-2325
3,0	419-2060	419-2160	419-2230	419-2330

Bohrdrahtspender für Bohrdrähte Ø x Länge
Wire dispenser for wire drills diam.x length
Dispensador para agujas Ø x longitudud
Distributeur pour broches Ø x longueur
Distributore per Ø e lunghezza punta

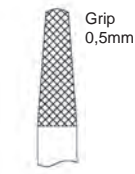
Ø mm	180mm 7"	330mm 13 ½"
0,8	419-5418-08	419-5433-08
1,0	419-5418-10	419-5433-10
1,2	419-5418-12	419-5433-12
1,4	419-5418-14	419-5433-14
1,6	419-5418-16	419-5433-16
1,8	419-5418-18	419-5433-18
2,0	419-5418-20	419-5433-20
2,2	419-5418-22	419-5433-22
2,5	419-5418-25	419-5433-25

ELCON 410

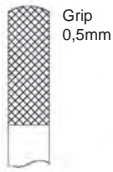
FLACH- UND KOMBINATIONSZANGEN, DRAHTKNEIFZANGEN
COMBI- FLAT NOSE PLIERS, WIRE CUTTING PLIERS
ALICATES DE PLANO, ALICATES PARA CORTAR ALAMBRE
COMBI-PINCES ET PINCES PLATES, PINCES A COUPER LE FIL



413-177
180mm, 7"



413-178
180mm, 7"



413-179
180mm, 7"



413-170 - 413-174



413-170
145mm, 5 3/4"



413-171
180mm, 7"



413-172
180mm, 7"



413-173
180mm, 7"



413-174
180mm, 7"

TUNGSTENGRIP 413-177 – 413-179

mit Hartmetalleinlagen,
with tungsten carbide inserts
con capas de carburo tungsteno
avec inserts en carbure de tungstène



413-153 – 413-154



413-153
130mm, 5"



413-154
180mm, 7"



413-150
150mm, 6"



413-152
150mm, 6"

FLACHZANGEN
 FLAT NOSE PLIERS
 ALICATES DE PICO PLANO
 PINCES PLATES

ELCON
410



413-158
 140mm, 5 1/2"



413-160



413-161



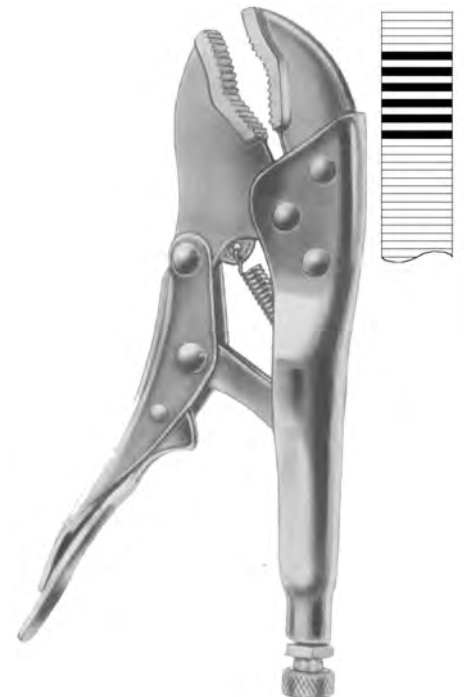
413-165
 190mm, 7 1/2"



413-134
 185mm, 7 1/4"



413-135
 170mm, 6 3/4"



413-130
 185mm, 7 1/4"

ELCON 410

TUNGSTENCUT DRAHTKNEIFZANGEN
TUNGSTENCUT WIRE CUTTING PLIERS
TUNGSTENCUT ALICATES PARA CORTAR ALAMBRE
TUNGSTENCUT PINCES A COUPER LE FIL

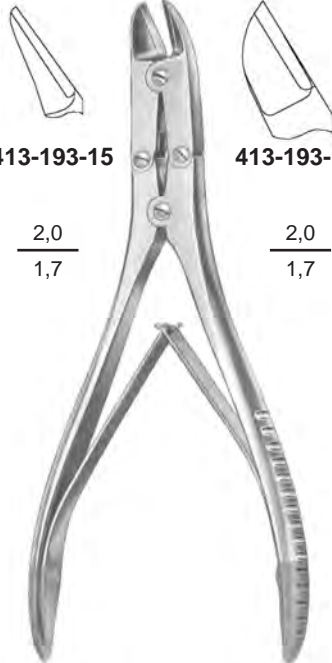
TUNGSTENCUT



Kopf- und Seitenschneider
front and lateral cutter
Alicata de corte frontal y lateral
Pince a couper frontale et latérale

$\frac{2,0}{1,5}$

413-192
180mm, 7"



413-193-15

413-193-18

$\frac{2,0}{1,7}$

$\frac{2,0}{1,7}$

413-193-15 155mm, 6 1/4"
413-193-18 180mm, 7"

für weichen Draht bis Ømm
for soft wire up to mm diam.
para blandos hasta Ømm
pour couper les fils doux jusqu'à Ømm

für harten Draht bis Ømm
for hard wire up to mm diam.
para duros hasta Ømm
pour couper les fils durs jusqu'à Ømm



$\frac{0,6}{0,4}$

413-140
125mm, 5"



$\frac{2,0}{1,5}$

413-146
150mm, 6"



$\frac{3,5}{2,5}$

413-186
220mm, 8 3/4"



$\frac{2,8}{2,2}$

413-195
230mm, 8 3/4"

TUNGSTENCUT DRAHTKNEIFZANGEN
TUNGSTENCUT WIRE CUTTING PLIERS
TUNGSTENCUT ALICATES PARA CORTAR ALAMBRE
TUNGSTENCUT PINCES A COUPER LE FIL

ELCON
410

TUNGSTENCUT

Kopfschneider
head cutter
alicate para corte frontal
pince coupante, tranchant frontal



413-202
380mm, 15"
für Kirschner Drähte bis 4mm Ø
for Kirschner wire up to 4mm Ø
para agujas de Kirschner hasta 4mm Ø
pour broches de Kirschner jusqu'à 4mm Ø

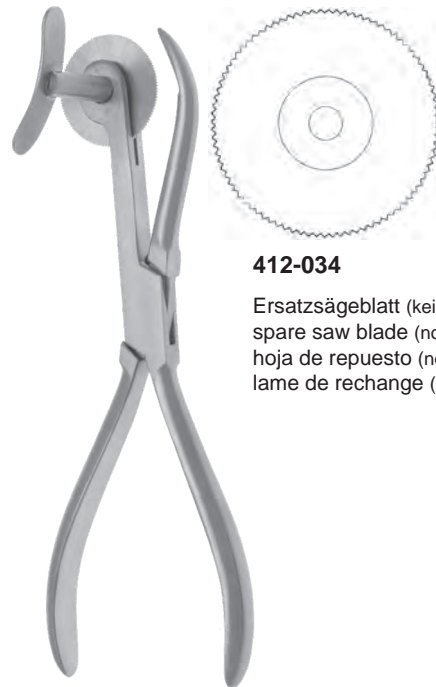


413-198 460mm, 18 1/4"
413-199 560mm, 22"
Bolzenschneider zum Abzwicken von Drähten,
Schrauben und Nägel bis 6mm
Cutter for cutting wires, screws and pins up to 6mm
Alicates cortar alambres, tornillos y calvos hasta 6mm
Pince à couper les fils, pivots et clous jusqu'à 6mm



Kompressorium
comprimeter
compressor
compresseur

412-090SS
100mm, 4"



412-034

Ersatzsägeblatt (kein Medizinprodukt)
spare saw blade (no medical device)
hoja de repuesto (no es un producto sanitario)
lame de rechange (pas de produit médical)

412-033
170mm, 6 3/4"



RADOLF
412-010
135mm, 5 1/4"

Nagelausreißzange
nail extracting forceps
pinzas arrance-unas
pince pour arracher les ongles



412-006
130mm, 5 1/4"

Nagelspaltzange
nail splitting forceps
pinzas corta-unas
pince pour fender les ongles

ELCON

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