

Hohlmeißelzangen
Bone rongeurs
Pinces gouges
Pinzas gubias
Pinze sgorbie



LUER

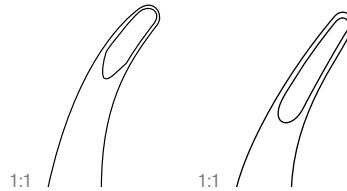
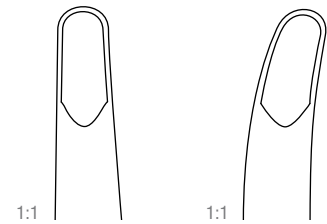


	Fig. 1	Fig. 2
150 mm – 6"	31-375-150	31-377-150



LUER



170 mm – 6 3/4"	31-370-170	31-371-170
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1:2
MINI-FRIEDMANN

120 mm – 4 3/4"	332-097-120
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1:2
FRIEDMANN

140 mm – 5 1/2"	31-321-140
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1:2

BLUMENTHAL

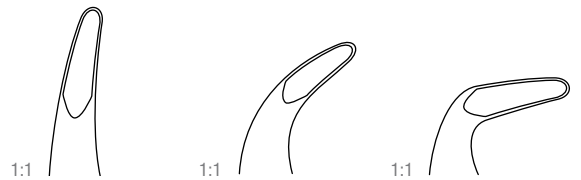


	Fig. 1	Fig. 2	Fig. 3
155 mm – 6"	31-341-155	31-343-155	31-345-155



1:2

JANSEN

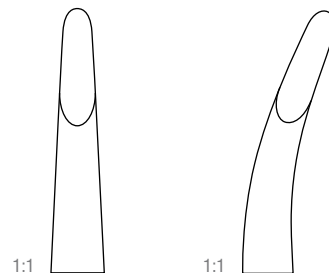


	Fig. 1	Fig. 2
180 mm – 7"	423-822-180	423-823-180

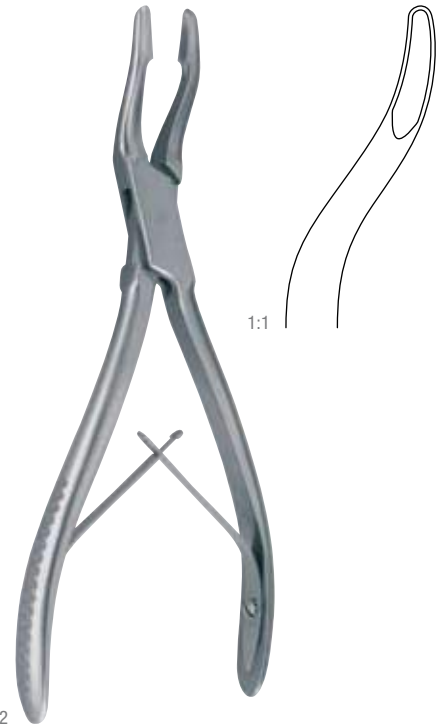
Hohlmeißelzangen
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ADSON 1:2

200 mm – 8"

332-138-200



JANSEN 1:2

190 mm – 7½"

332-163-190



1:2
BACON

210 mm – 8¼"

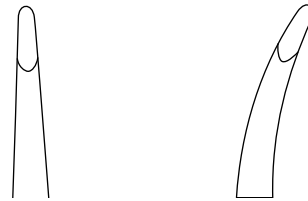
332-161-200



Hohlmeißelzangen
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LEMPERT

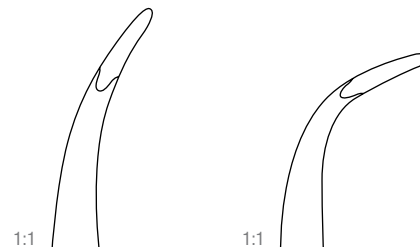


160 mm – 6 ¼"	332-146-160	332-147-160
190 mm – 7 ½"	31-350-190	332-151-180



1:2

STELLBRINK



175 mm – 7"	31-331-170	31-333-170
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leicht gebogen
 slightly curved
 légèrement courbe
 ligeramente curvada
 legermente curvata

stark gebogen
 strongly curved
 très courbe
 fuertemente curvada
 fortemente curvata

Hohlmeißelzangen

Bone rongeurs

Pinces gouges

Pinzas gubias

Pinze sgorbie



OLIVECRONA 1:2

205 mm – 8"

332-143-200



HARTMANN

175 mm – 7"

423-815-180



Hohlmeißelzangen
Bone rongeurs
Pinces gouges
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Pinze sgorbie



MEAD 1:2
165 mm – 6½" | 31-335-165



CLEVELAND 1:2
170 mm – 6¾" | 31-329-170



CLEVELAND 1:2
140 mm – 5½" | 31-329-140

Hohlmeißelzangen
Bone rongeurs
Pinces gouges
Pinzas gubias
Pinze sgorbie





Hohlmeißelzangen
Bone rongeurs
Pinces gouges
Pinzas gubias
Pinze sgorbie



1:2
BEYER

180 mm – 7"	31-421-180
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1:2
RUSKIN

180 mm – 7"	332-212-180	31-431-180
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1:2
MAYFIELD

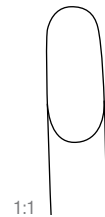
175 mm – 7"	423-879-170
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Hohlmeißelzangen
Bone rongeurs
Pinces gouges
Pinzas gubias
Pinze sgorbie

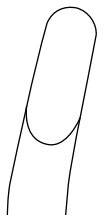


1:2

**STILLE-
RUSKIN**



1:1



1:1

230 mm – 9"

31-440-230

31-441-230

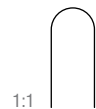


1:2

STILLE



1:1



1:1



1:1

	4 mm	6 mm	8 mm
230 mm – 9"	31-443-230	31-445-230	31-447-230



Hohlmeißelzangen
Bone rongeurs
Pinces gouges
Pinzas gubias
Pinze sgorbie



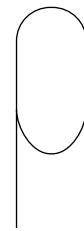
1:2



1:2

STILLE-LUER

1:1



1:1

220 mm – 8 3/4"

31-460-220

31-461-220

LEKSELL

1:1



1:1



1:1



240 mm – 9 1/2"

4 mm

332-245-040

5 mm

332-245-050

8 mm

332-245-080

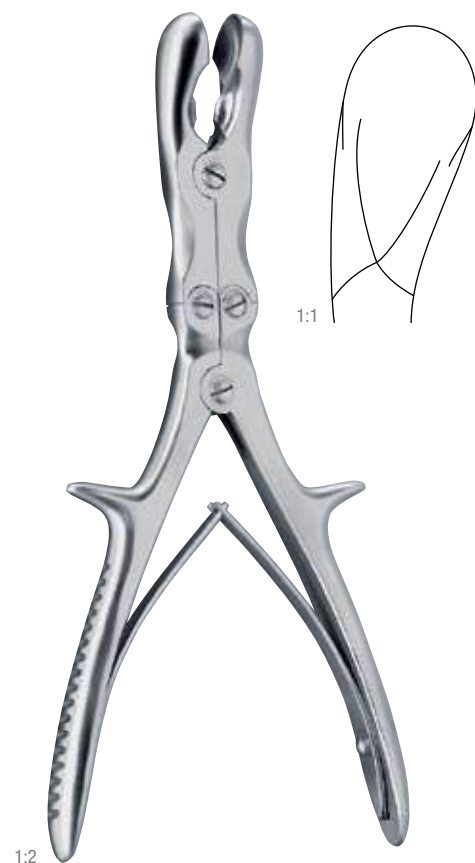
Hohlmeißelzangen
Bone rongeurs
Pinces gouges
Pinzas gubias
Pinze sgorbie



1:2
**RÖTTGEN-
RUSKIN**

230 mm – 9"

31-431-230



1:2
SEMB

225 mm – 9"

332-257-220

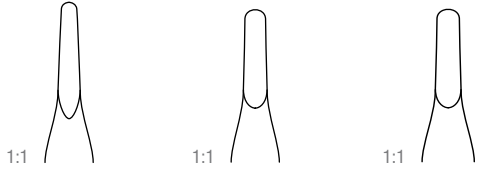


Hohlmeißelzangen
Bone rongeurs
Pinces gouges
Pinzas gubias
Pinze sgorbie



1:2

ECHLIN

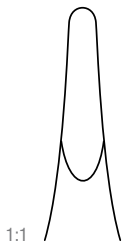


	2 mm	3 mm	4 mm
230 mm – 9"	332-255-020	332-255-030	332-255-040



1:2

FRYKHOLM



1:1

240 mm – 9½"	332-251-240
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Hohlmeißelzangen
Bone rongeurs
Pinces gouges
Pinzas gubias
Pinze sgorbie



SAUERBRUCH

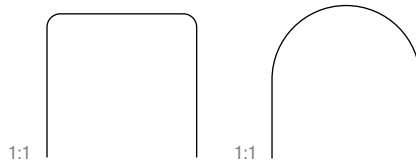
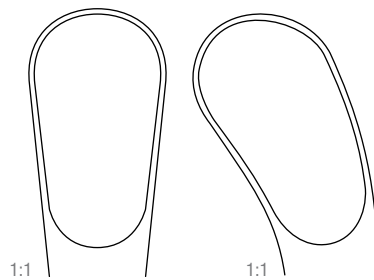


	Fig. 1	Fig. 2
300 mm – 12"	332-237-300	332-239-300



LUER-STILLE



230 mm – 9"	423-908-230	423-909-230
270 mm – 10¾"	423-908-270	423-909-270



Knochensplitterzangen

Bone cutting forceps

Pinces coupantes à os
Pinzas cortantes para huesos
Cesoie per ossa



1:2

**COTTLE-
KAZANJIAN**

190 mm – 7 ½"

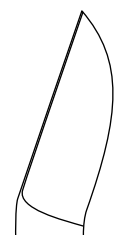


1:1

332-278-190



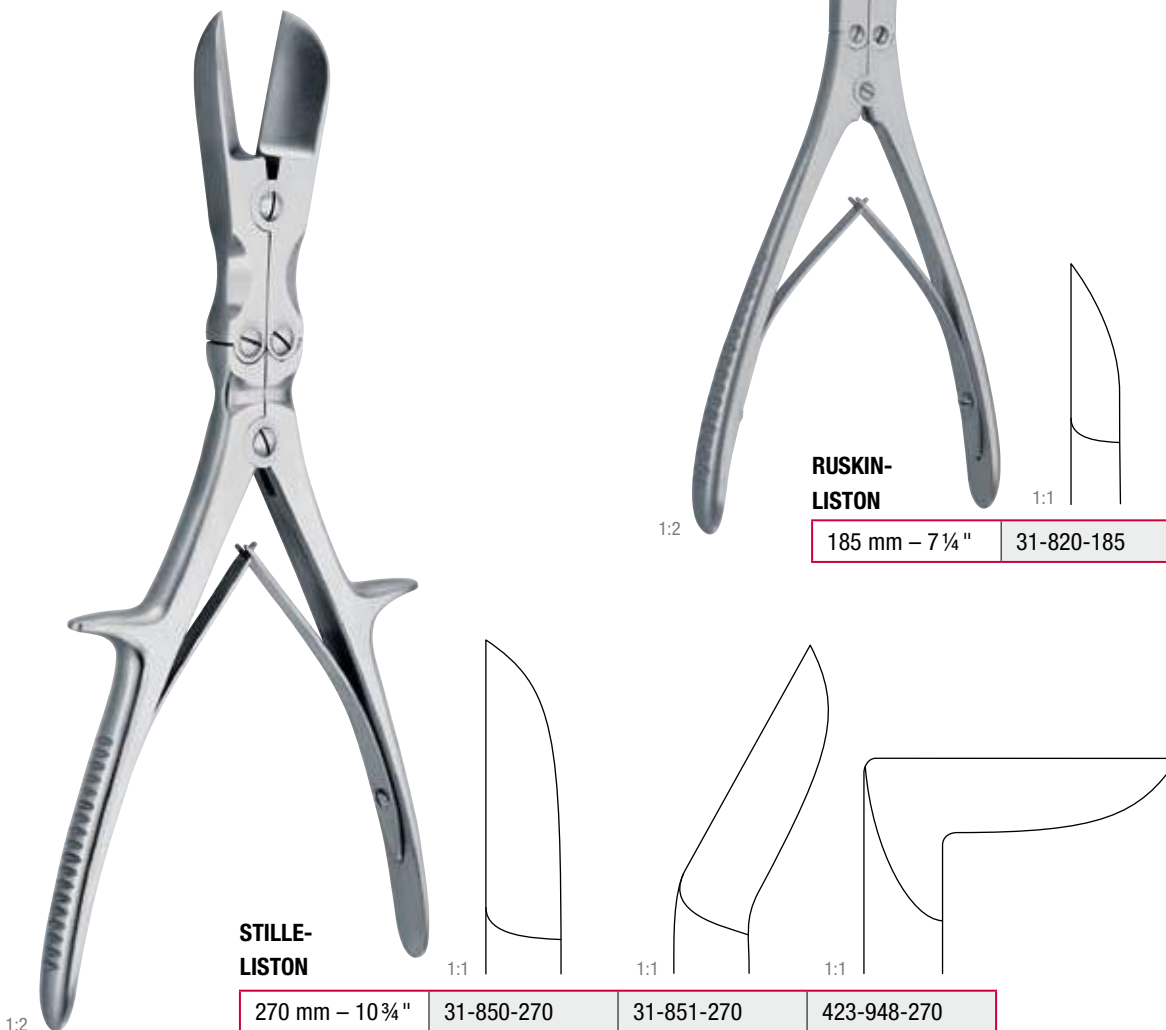
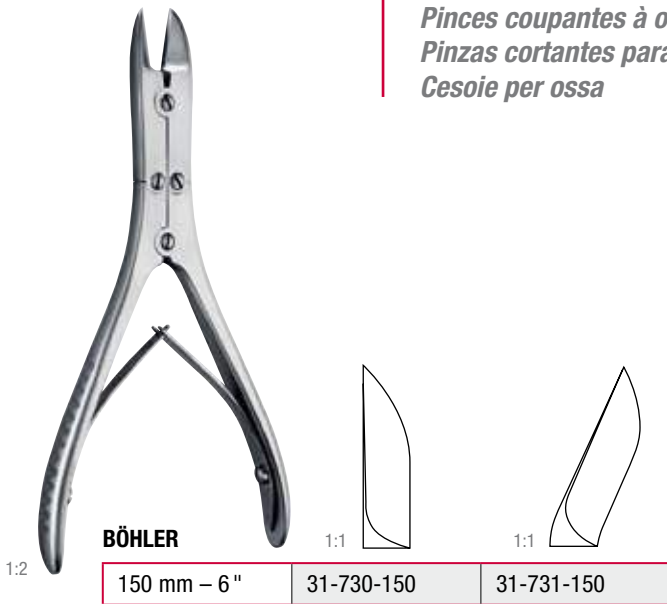
LISTON



140 mm – 5 ½"	31-720-140	31-721-140
170 mm – 6 ¾"	31-720-170	31-721-170
190 mm – 7 ½"	31-720-190	31-721-190
220 mm – 8 ¾"	31-720-220	31-721-220

Knochensplitterzangen
Bone cutting forceps

Pinces coupantes à os
Pinzas cortantes para huesos
Cesoie per ossa



Knochenchirurgie

Bone surgery



09

Knochensplitterzangen

Bone cutting forceps

Pinces coupantes à os
Pinzas cortantes para huesos
Cesoie per ossa



1:2
SEMB

240 mm – 9½"	332-291-240
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1:2
LISTON-KEY HORSLEY

270 mm – 10¾"	31-853-270
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Knochenhalteklammern – Knochenhaltezangen

Bone holding clamps – Bone holding forceps

Daviers à os – Daviers porte-os

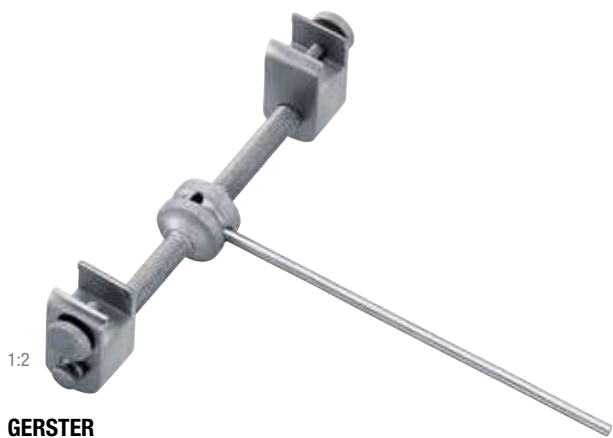
Pinzas porta huesos – Pinzas para huesos

Tenaglie per ossa



GERSTER-LOWMANN

130 mm – 5 "	x = 22 mm	31-224-130
180 mm – 7 "	x = 28 mm	31-224-180
200 mm – 8 "	x = 35 mm	31-224-200
220 mm – 8¾ "	x = 40 mm	31-224-220



GERSTER

150 mm – 6 "	31-230-150
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Knochenchirurgie

Bone surgery



09

Knochenhaltezangen – Repositionszangen
Bone holding forceps – Reposition forceps

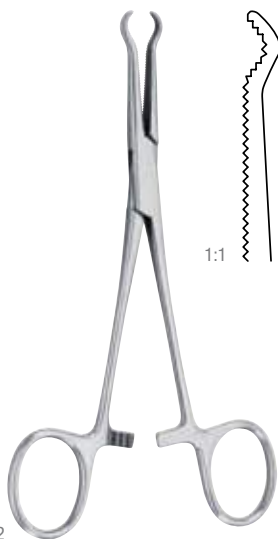
Daviers porte-os – Pincas de reposition
Pinzas para huesos – Pinzas para reposición
Tenaglie per ossa – Pinze per riposizioni



1:2
135 mm – 5 ¼" 423-710-140



LEWIN 1:2
175 mm – 7" 31-114-175



1:2
140 mm – 5 ½" 423-716-140

Knochenhalteklammern – Knochenhaltezangen
Bone holding clamps – Bone holding forceps

Daviers à os – Daviers porte-os
Pinzas porta huesos – Pinzas para huesos
Tenaglie per ossa

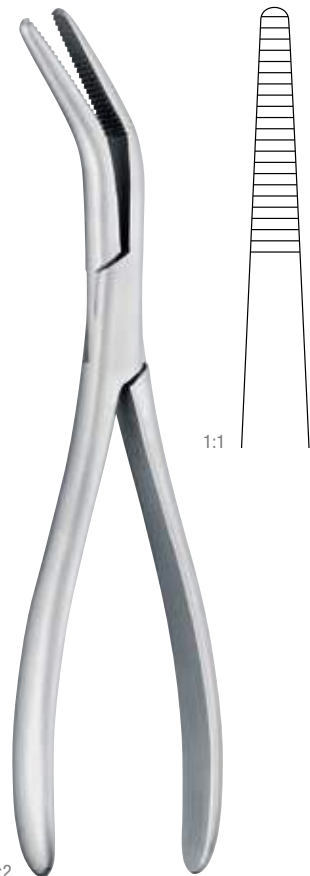


FERGUSSON

1:2

210 mm – 8 ¼"

31-120-210



VAN BUREN

1:2

230 mm – 9"

31-081-230

Knochenchirurgie

Bone surgery



09

Knochenhaltezaugen

Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa

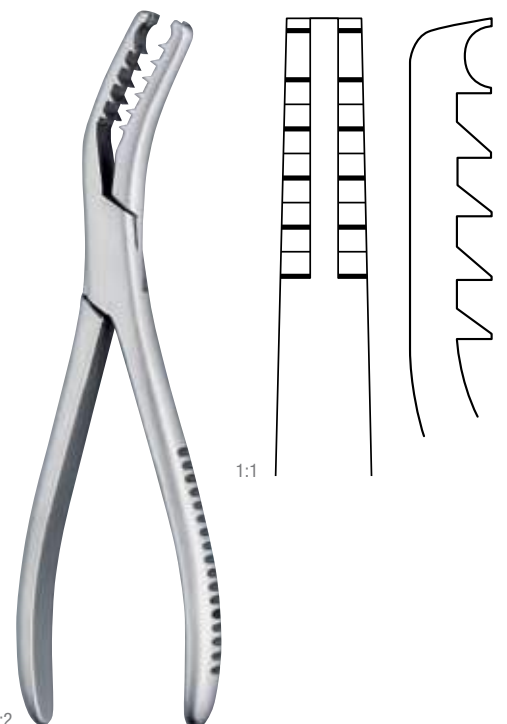


LANGENBECK

1:2

210 mm – 8¼"

332-358-210



SEMB

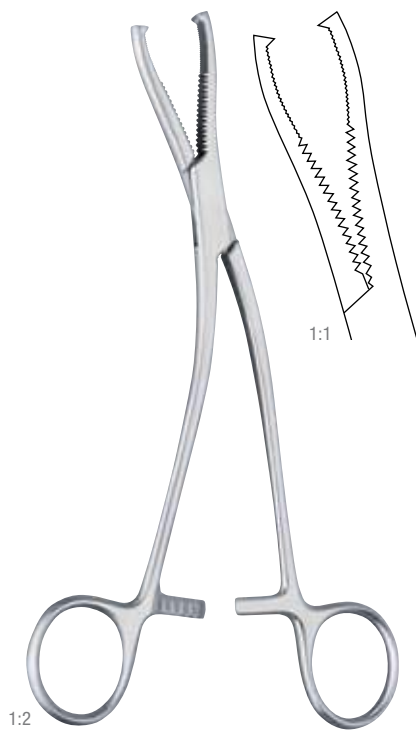
1:2

190 mm – 7½"

332-361-190

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



1:2

DINGMANN

190 mm – 7 ½"

31-069-190



1:2

1:1

1:1

200 mm – 8"

332-416-200

332-417-200

Sequesterzange

Sequestrum forceps
Pince pour Sequestrum
Pinza para Sequestrum
Pinza per Sequestrum

Knochenchirurgie

Bone surgery



09

Knochenhaltezaugen

Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



FARABEUF

230 mm – 9"	332-362-230
260 mm – 10 ¼"	332-362-260



FARABEUF-LAMBOTTE

260 mm – 10 ¼"	332-364-260
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Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa

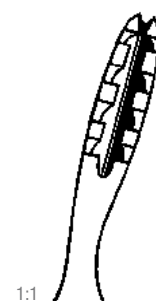


MARTIN

160 mm – 6 ½ "	332-406-160
190 mm – 7 ½ "	332-406-190



**BIRCHER-
GANSKE**



200 mm – 8 "	31-060-200	31-061-200
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Knochenhaltezangen *Bone holding forceps*

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa

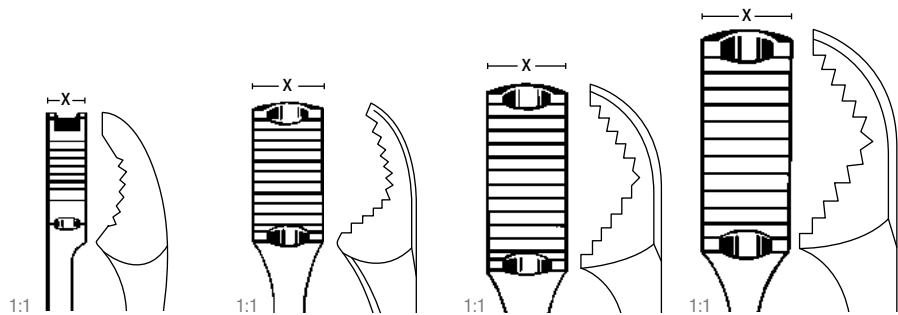


HEY GROVES

210 mm – 8¼"	x = 6.5 mm	332-363-210
270 mm – 10¾"	x = 7.5 mm	332-363-270
305 mm – 12"	x = 8.5 mm	332-363-305

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



VERBRUGGE

175 mm – 7"	250 mm – 10"	260 mm – 10¼"	270 mm – 10¾"
x = 5.0 mm	x = 9.5 mm	x = 10.5 mm	x = 12.0 mm
31-171-175	31-171-250	31-171-260	31-171-270

Knochenchirurgie

Bone surgery



09

Knochenhaltezangen

Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



KERN

170 mm – 6¾"	31-130-170	31-132-170
210 mm – 8¼"	31-130-210	31-132-210

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



LANE

330 mm – 13 "	31-160-330	31-162-330
450 mm – 17 ¾ "	31-160-450	31-162-450

Knochenchirurgie

Bone surgery

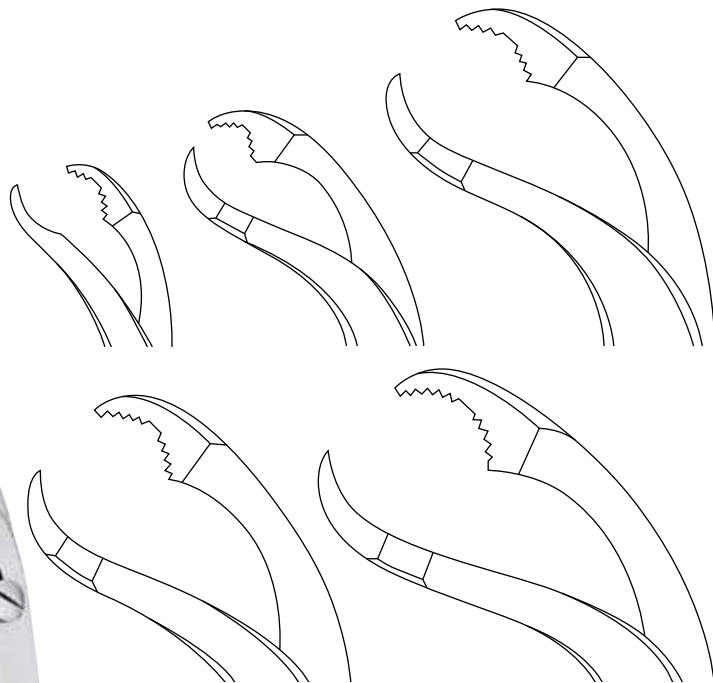
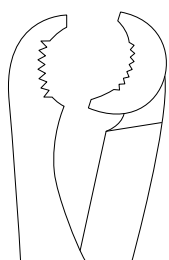


09

Knochenhaltezangen

Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



LAMBOTTE

220 mm – 8 ¾"	332-366-220
270 mm – 10 ¾"	332-366-270
300 mm – 12"	332-366-300

ein Maulteil beweglich
 one jaw mobile
 un mors mobile
 una boca movable
 una parte del morso mobile

150 mm – 6"	x = 2.5 mm	332-387-150
190 mm – 7 ½"	x = 6.5 mm	332-387-190
240 mm – 9 ½"	x = 9.5 mm	332-387-240
260 mm – 10 ¼"	x = 10.0 mm	332-387-260
280 mm – 11"	x = 11.0 mm	332-387-280

selbstzentrierend
 self-centering
 auto-centreur
 autocentrante
 autocentrante

Knochenhaltezangen
Bone holding forceps

Daviers porte-os
Pinzas para huesos
Tenaglie per ossa



ULRICH

230 mm – 9"	423-742-230	423-743-230
250 mm – 9¾"	423-742-250	423-743-250
280 mm – 11"	423-742-280	423-743-280



160 mm – 6¼"	423-715-160
240 mm – 9½"	423-715-240

kniegebogen
angular
coudée
acodada
angolata



Knochenhaltezangen – Repositionszangen
Bone holding forceps – Reposition forceps

Daviers porte-os – Pincas de reposition
Pinzas para huesos – Pinzas para reposición
Tenaglie per ossa – Pinze per riposizione



1:2

135 mm – 5¼" | 31-051-135



1:1

1:2

REILL

170 mm – 6¾" | 31-153-170



1:1

1:2

200 mm – 8" | 332-409-200



1:1

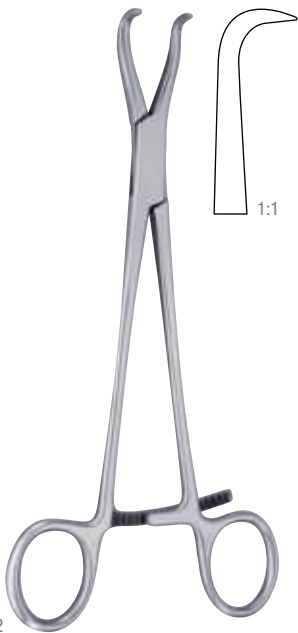
1:2

135 mm – 5¼" | 31-053-135

für Kieferreposition
 for maxillary reposition
 pour reposition mandibulaire
 para reposición mandibular
 per riposizione mandibulare

Repositionszangen
Reposition forceps

Pinces de reposition
Pinzas para reposición
Pinze per riposizione



HAASE

165 mm – 6½"	31-055-165
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für Unterkieferfrakturen
for mandibular fractures
pour fractures mandibulaires
para fracturas del mandibulo
per fratture mandibulare



95 mm – 3¾"	31-057-095
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185 mm – 7¼"	332-428-180
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Patellazange
Patella forceps
Pince pour la rotule
Pinza para la rótula
Pinza per rotula



210 mm – 8¼"

332-432-210

Knöchelfasszange
Malleolar forceps
Pince pour la malléole
Pinza para el maleólo
Pinza per malleolo



Draht-Instrumentarium

Wire instruments

Instruments pour cerclage

Instrumental para cerclaje

Strumenti per filo di cerchiaggio



DEMEL

1:2

	280 mm – 11 "
x = 32 mm	422-531-010
x = 45 mm	422-531-020
x = 62 mm	422-531-030



DEMEL

1:2

280 mm – 11 "	422-534-280
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Draht-Instrumentarium

Wire instruments

Instruments pour cerclage

Instrumental para cerclaje

Strumenti per filo di cerchiaggio



LOUTE

1:2

210 mm – 8¼"

333-527-210



0.2 mm Ø	333-526-020
0.3 mm Ø	333-526-030
0.4 mm Ø	333-526-040
0.5 mm Ø	333-526-050
0.6 mm Ø	333-526-060
0.7 mm Ø	333-526-070
0.8 mm Ø	333-526-080
0.9 mm Ø	333-526-090
1.0 mm Ø	333-526-100
1.2 mm Ø	333-526-120
1.5 mm Ø	333-526-150

Knochendraht, weich, in Ringen à 10 m

Bone wire, soft, in coils of 10 m

Fil de cerclage, souple, de 10 m

Alambre de cerclaje, blando, de 10 m

Filo per ossa, morbida, anelli da 10 m



1:2

130 mm – 5"

422-537-000



Drahtschneidezangen

Wire cutting forceps

Pinces coupantes

Alicates para cortar alambre

Pinze taglia filo



	almedur
470 mm – 18 ½"	333-552-470
570 mm – 22 ½"	333-552-560

für Kirschner Drähte und Steinmann Nägel bis 6 mm Ø
 for Kirschner wires and Steinmann pins up to 6 mm Ø
 pour des broches Kirschner et clous Steinmann à 6 mm Ø
 para agujas de Kirschner y clavos de Steinmann hasta 6 mm Ø
 per fili Kirschner e chiodi Steinmann fino a 6 mm Ø



1:2

185 cm – 7 ¼"	333-546-180
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Kopfschneider, durchbohrt für harte Drähte bis 1.6 mm Ø

Wire cutting forceps for hard wires up to 1.6 mm Ø

Pince coupante pour fils durs à 1.6 mm Ø

Alicate para alambres duros hasta 1.6 mm Ø

Pinza taglia fili per fili duri fino a 1.6 mm Ø

almedur
333-552-470/1

Hartmetallplättchen alleine
 tungsten carbide inlay only
 plaquettes de carbure de tungstène
 inserto de carburo de tungsteno
 inserti carburo di tungsteno

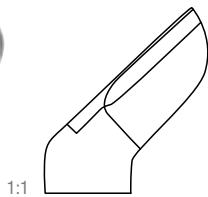
Drahtschneidezangen
Wire cutting forceps

Pincès coupantes
Alicates para cortar alambre
Pinze taglia filo



	almedur
220 mm – 8 3/4"	333-537-220

für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 3 mm Ø
for hard wires up to 2.2 mm Ø, for soft wires up to 3 mm Ø
pour fils durs à diam. 2.2 mm Ø, pour fils souples à 3 mm Ø
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 3 mm Ø
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 3 mm Ø



1:2

1:2

	almedur
220 mm – 8 3/4"	67-457-220

für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 2.8 mm Ø
for hard wires up to 2.2 mm Ø, for soft wires up to 2.8 mm Ø
pour fils durs à 2.2 mm Ø, pour fils souples à 2.8 mm Ø
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 2.8 mm Ø
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 2.8 mm Ø



1:2

	almedur
230 mm – 9"	333-544-230

für harte Drähte bis 2.2 mm Ø, für weiche Drähte bis 3 mm Ø
for hard wires up to 2.2 mm Ø, for soft wires up to 3 mm Ø
pour fils durs à 2.2 mm Ø, pour fils souples à 3 mm Ø
para alambres duros hasta 2.2 mm Ø, y alambres blandos de 3 mm Ø
per fili duri fina 2.2 mm Ø, per fili morbidi fino a 3 mm Ø



Drahtschneidezangen
Wire cutting forceps

Pincès coupantes
Alicates para cortar alambre
Pinze taglia filo



REILL 1:2

	almedur
180 mm – 7"	333-543-170

für harte Drähte bis 1.5 mm Ø, für weiche Drähte bis 2 mm Ø
for hard wires up to 1.5 mm Ø, for soft wires up to 2 mm Ø
pour fils durs à 1.5 mm Ø, pour fils souples à 2 mm Ø
para alambres duros hasta 1.5 mm Ø, y alambres blandos de 2 mm Ø
per fili duri fina 1.5 mm Ø, per fili duri morbidi fino a 2 mm Ø



1:2

	almedur
180 mm – 7"	333-542-180

für harte Drähte bis 1.7 mm Ø, für weiche Drähte bis 2 mm Ø
for hard wires up to 1.7 mm Ø, for soft wires up to 2 mm Ø
pour fils durs à 1.7 mm Ø, pour fils souples à 2 mm Ø
para alambres duros hasta 1.7 mm Ø, y alambres blandos de 2 mm Ø
per fili fina 1.7 mm Ø, per fili morbidi fino a 2 mm Ø



1:2

	almedur
150 mm – 6"	333-556-150

für harte Drähte bis 1 mm Ø, für weiche Drähte bis 1.5 mm Ø
for hard wires up to 1 mm Ø, for soft wires up to 1.5 mm Ø
pour fils durs à 1 mm Ø, pour fils souples à 1.5 mm Ø
para alambres duros hasta 1 mm Ø, y alambres blandos de 1.5 mm Ø
per fili duri fina 1 mm Ø, per fili morbidi fino a 1.5 mm Ø



1:2

	almedur
145 mm – 5¾"	333-540-140

für harte Drähte bis 1 mm Ø
for hard wires up to 1 mm Ø
pour fils durs à 1 mm Ø
para alambres duros hasta 1 mm Ø
per fili duri fino a 1 mm Ø

Drahtschneidezangen

Wire cutting forceps

Pinces coupantes

Alicates para cortar alambre

Pinze taglia filo



1:2

	almedur
260 mm – 10 ¼"	333-558-260

für harte Drähte bis 3 mm Ø
for hard wires up to 3 mm Ø
pour fils durs à 3 mm Ø
para alambres duros hasta 3 mm Ø
per fili duri fino a 3 mm Ø