



# 021

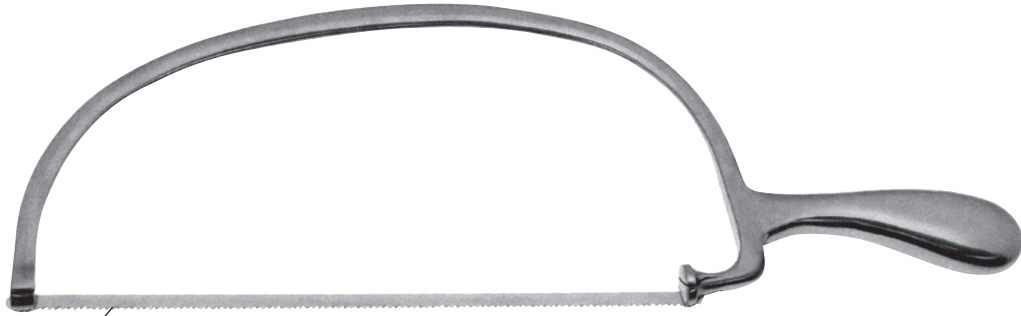
Knochenchirurgie  
Bone Surgery  
Cirugía ósea  
Chirurgia ossea



**021-010-004** 4 mm



**021-010-006** 6 mm



**021-010-008** 8 mm

#### BIER

**021-010-000** 40,5 cm / 16"

komplett  
complete  
completo  
completo



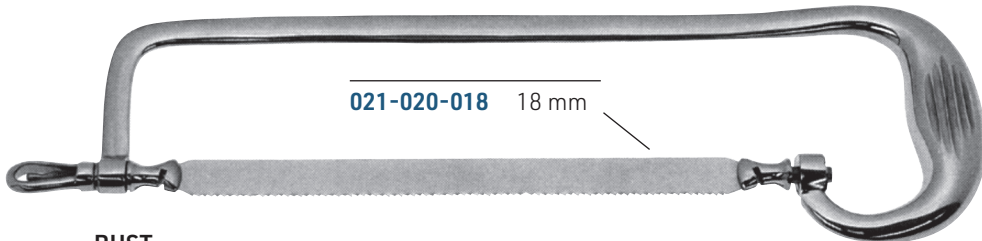
**021-020-012** 12 mm



**021-020-008** 8 mm



**021-020-006** 6 mm



**021-020-018** 18 mm

#### RUST

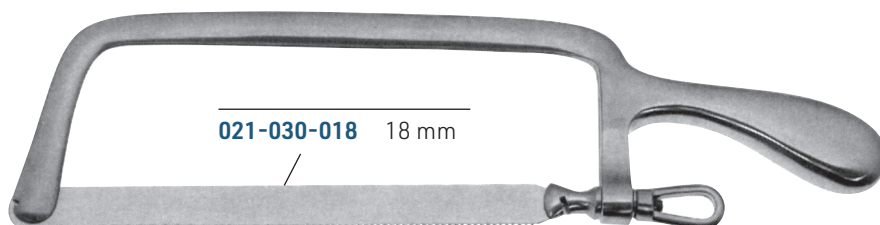
**021-020-000** 39,0 cm / 15 1/2"

komplett mit 4 Sägeblättern (1 x 021-020-006, 1 x 021-020-008, 2 x 021-020-012)  
complete with 4 Saw blades (1 x 021-020-006, 1 x 021-020-008, 2 x 021-020-012)  
completo con 4 hojas de sierra (1 x 021-020-006, 1 x 021-020-008, 2 x 021-020-012)  
completo con 4 lame di seghe (1 x 021-020-006, 1 x 021-020-008, 2 x 021-020-012)



**021-030-012** 12 mm

**021-030-015** 15 mm



**021-030-018** 18 mm

#### CHARRIÈRE

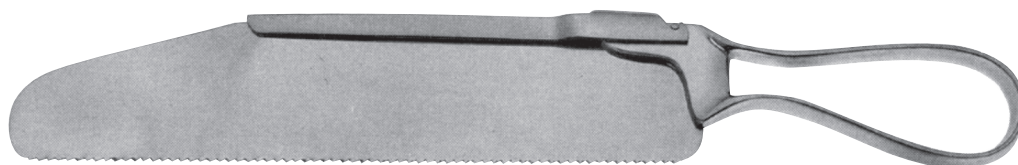
**021-030-000** 35,0 cm / 13<sup>3</sup>/<sub>4</sub>"

komplett  
complete  
completo  
completo



#### LANGENBECK

**021-032-235** 23,5 cm / 9<sup>1</sup>/<sub>4</sub>"



#### CHARRIÈRE

**021-037-001** 20,0 cm / 8"

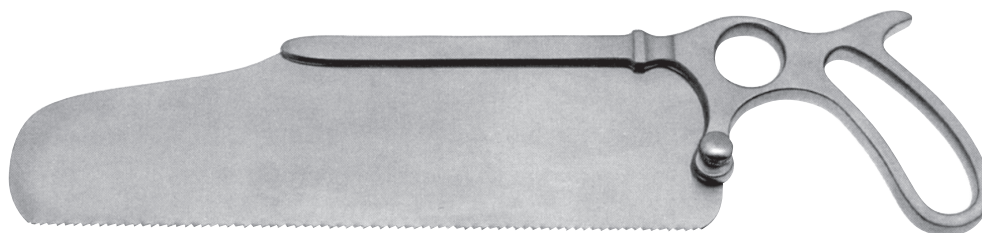
Ersatzblatt für 021-036-300  
Spareblade for 021-036-300  
hoja de repuesto para 021-036-300  
Lame di ricambio per 021-036-300

**021-034-270** 27,0 cm / 10<sup>3</sup>/<sub>4</sub>"

**021-036-300** 30,0 cm / 11<sup>3</sup>/<sub>4</sub>"

**021-035-001** 15,0 cm / 6"

Ersatzblatt für 021-034-270  
Spareblade for 021-034-270  
hoja de repuesto para 021-034-270  
Lame di ricambio per 021-034-270

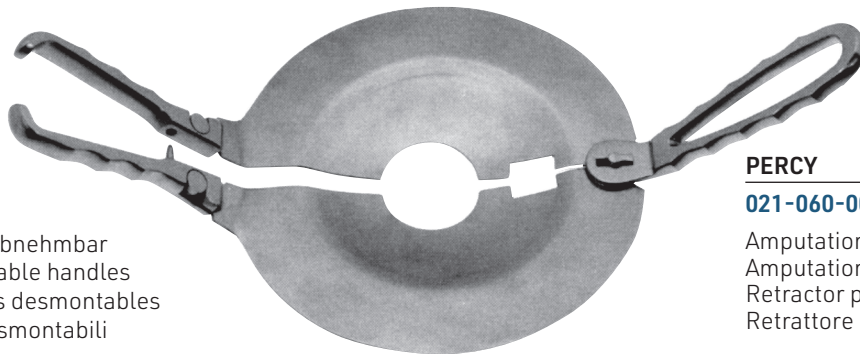


#### SATTERLEE

**021-040-290** 29,0 cm / 11<sup>1</sup>/<sub>4</sub>"

**021-041-001** 20,0 cm / 8"

Ersatzblatt  
Spareblade  
hoja de repuesto  
Lame di ricambio

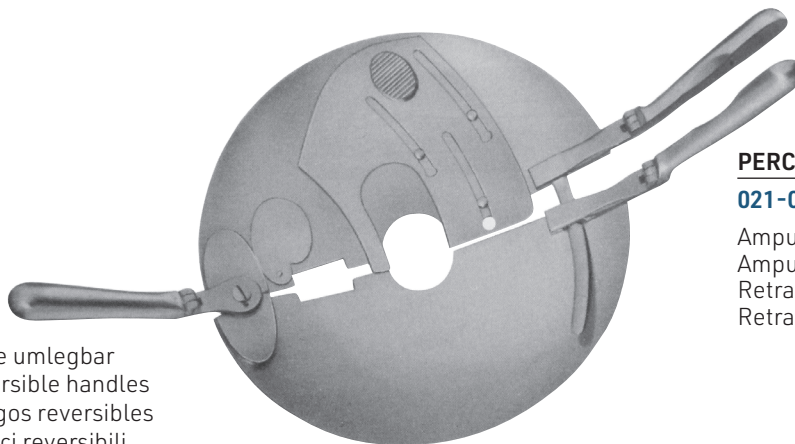


Griffe abnehmbar  
Removable handles  
Mangos desmontables  
manici smontabili

**PERCY**

**021-060-000**

Amputationsretractor  
Amputation Retractor  
Retractor para amputaciòn  
Retrattore per amputazione

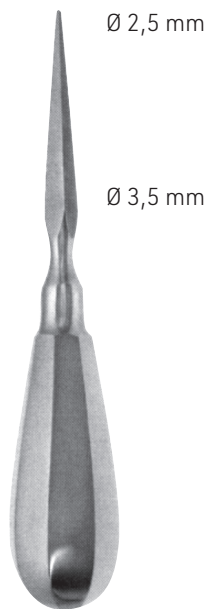


Griffe umlegbar  
Reversible handles  
Mangos reversibles  
Manici reversibili

**PERCY**

**021-062-000**

Amputationsretractor  
Amputation Retractor  
Retractor para amputaciòn  
Retrattore per amputazione



**021-100-140** 14,0 cm / 5 1/2"  
**021-100-160** 16,0 cm / 6 1/4"



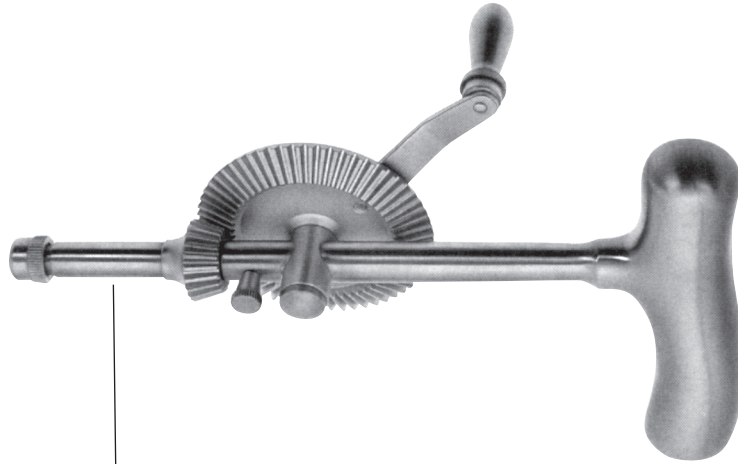
**PERTHES**  
**021-110-180** 18,0 cm / 7"



**PERTHES**  
**021-120-215** 21,5 cm / 8 1/2"



**021-130-140** 14,0 cm / 5 1/2"



#### 021-150-001

Handbohrapparat, allein  
Hand Bone Drill, only  
Perforadore de mano, suelta  
Trapano a mano per ossa, solo

#### STILLE

#### 021-150-000

komplett mit 4 Bohrer, 4 Fräsern, 1 Trephine  
complete with 4 drills, 4 burrs, 1 trephine  
completo con 4 taladros, 4 fresas, 1 trepano  
completo con 4 punte, 4 frese sferica, 1 fresa



021-151-010 Ø 1,0 mm



021-151-015 Ø 1,5 mm



021-151-020 Ø 2,0 mm



021-151-025 Ø 2,5 mm



021-151-030 Ø 3,0 mm



021-151-035 Ø 3,5 mm



021-151-040 Ø 4,0 mm



021-152-010 Ø 10,0 mm



021-154-005 Ø 5,0 mm



021-154-008 Ø 8,0 mm



021-154-012 Ø 12,0 mm



021-154-016 Ø 16,0 mm



#### HUDSON

**021-160-001**

Handbohrapparat mit Schnellverschluß, allein  
Hand Bone Drill with quick lock, only  
Perforador de mano con cierre rapido, suelto  
Trapano a mano con chiusura presta, solo

#### HUDSON

**021-160-000**

(021-160-001+021-160-002+021-162-009+021-162-014+021-162-016)

komplett mit Verlängerungsstück und 4 Fräsern  
complete with extension piece and 4 burrs  
completo con pieza de prolongacion y 4 fresas  
completo con giunto di prolungamento e 4 frese



**021-160-002**

Verlängerungsstück  
Extension piece  
Pieza de prolongación  
Giunto di prolungamento



**021-162-009** Ø 9,0 mm



**021-162-014** Ø 14,0 mm



**021-162-016** Ø 16,0 mm



**021-162-022** Ø 22,0 mm



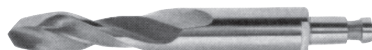
#### CUSHING

**021-164-013** Ø 13,0 mm



#### ADSON

**021-165-024** Ø 2,4 mm



#### MC KENZIE

**021-166-013** Ø 13,0 mm



#### D'ERRICO

**021-167-016** Ø 16,0 mm

**021-171-000**

Spannschlüssel, allein  
Wrench, only  
Llave, suelta  
Chiave, sola



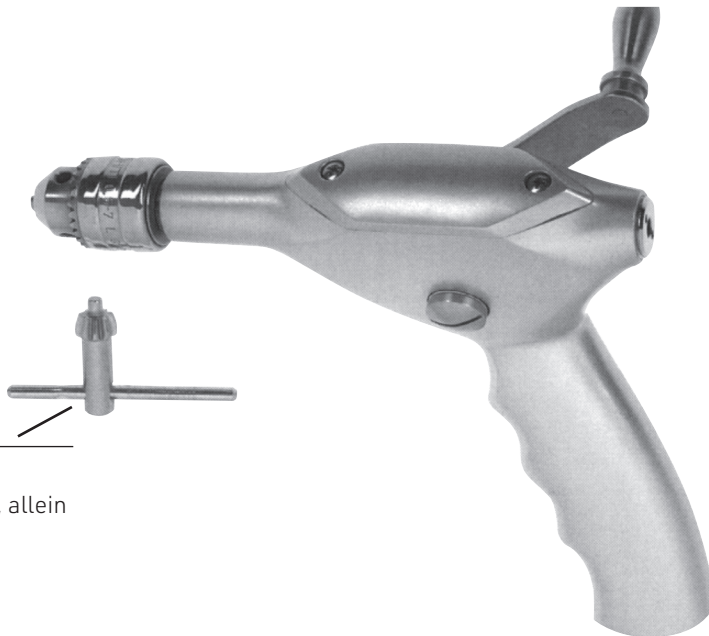
**021-170-160** 16,0 cm / 6 1/4"



#### BUNNELL

**021-180-000**

längsdurchgebohrt, zur Aufnahme von Bohrdrähten und Nägeln  
cannulated, for taking wire drills and nails  
barrenado oblongo, para agujas y clavos  
tubolare, per inserire fili e chiodi



**021-171-000**

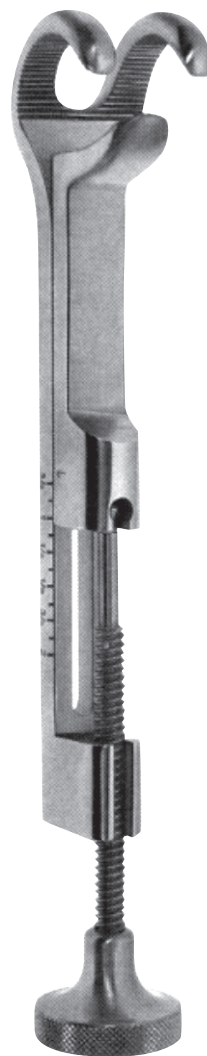
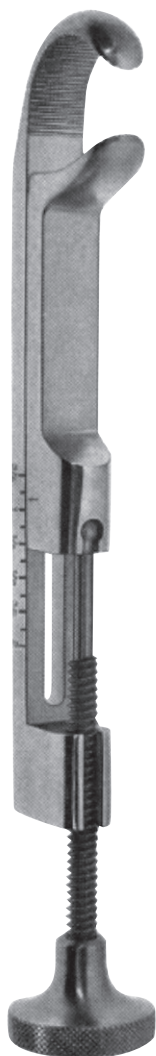
Spannschlüssel, allein  
Wrench, only  
Llave, suelta  
Chiave, sola

#### RALK

**021-190-000**

längsdurchgebohrt, zur Aufnahme von Bohrdrähten und Nägeln  
cannulated, for taking wire drills and nails  
barrenado oblongo, para agujas y clavos  
tubolare, per inserire fili e chiodi





**LOWMAN**

|                    |                            |             |
|--------------------|----------------------------|-------------|
| <b>021-200-120</b> | 12,0 cm / $4\frac{3}{4}$ " | a = 19,0 mm |
| <b>021-200-180</b> | 18,0 cm / 7"               | a = 25,0 mm |
| <b>021-200-200</b> | 20,0 cm / 8"               | a = 29,0 mm |

**LOWMAN**

|                    |                            |             |
|--------------------|----------------------------|-------------|
| <b>021-210-120</b> | 12,0 cm / $4\frac{3}{4}$ " | a = 19,0 mm |
| <b>021-210-180</b> | 18,0 cm / 7"               | a = 25,0 mm |
| <b>021-210-200</b> | 20,0 cm / 8"               | a = 29,0 mm |
| <b>021-210-220</b> | 22,0 cm / $8\frac{3}{4}$ " | a = 31,0 mm |

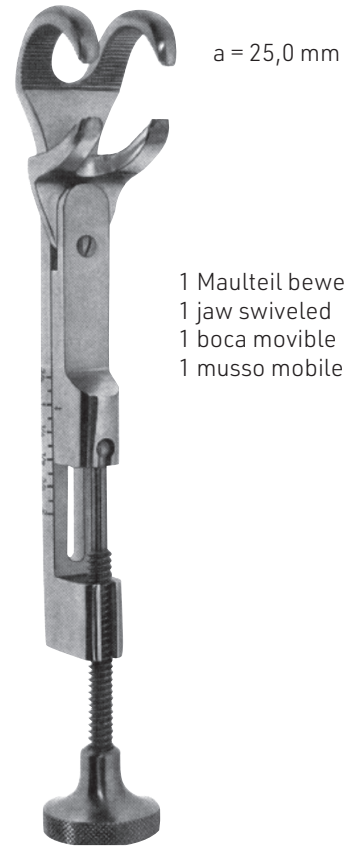


a = 29,0 mm



**LOWMAN-LAMBERT**

**021-220-210** 21,0 cm // 8 1/4"

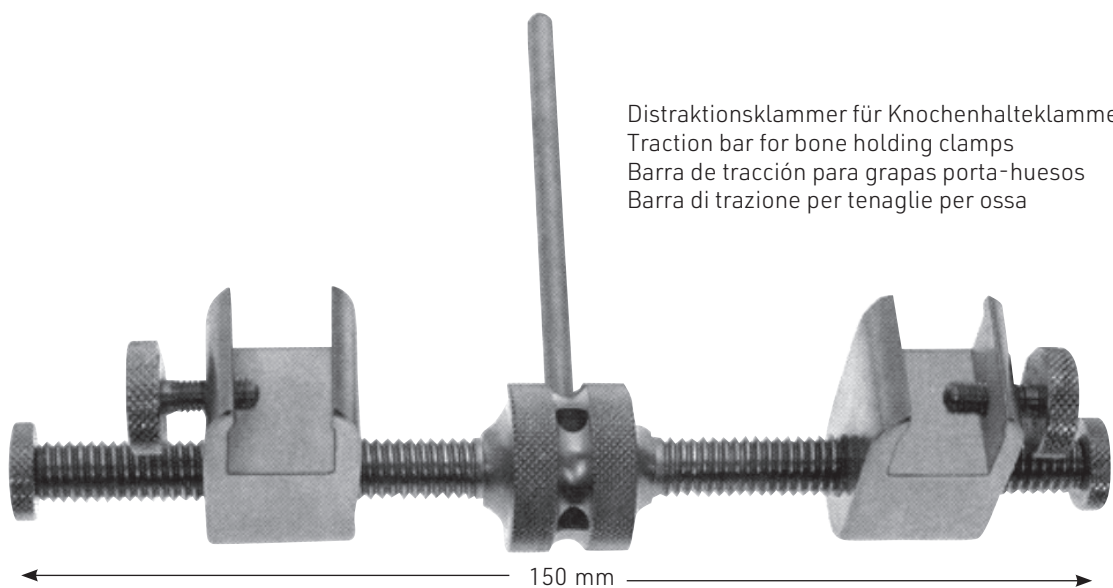


a = 25,0 mm

1 Maulteil beweglich  
1 jaw swiveled  
1 boca movable  
1 musso mobile

**LOWMAN-HOGLUND**

**021-230-180** 18,0 cm // 7"

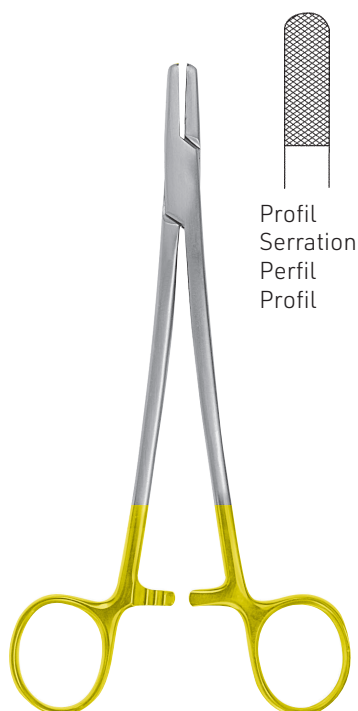


Distraktionsklammer für Knochenhalteklammern  
Traction bar for bone holding clamps  
Barra de tracción para grapas porta-huesos  
Barra di trazione per tenaglie per ossa

150 mm

**GERSTER**

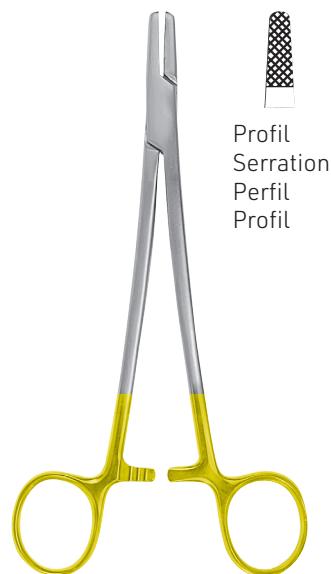
**021-240-150**



Profil  
Serration  
Perfil  
Profil

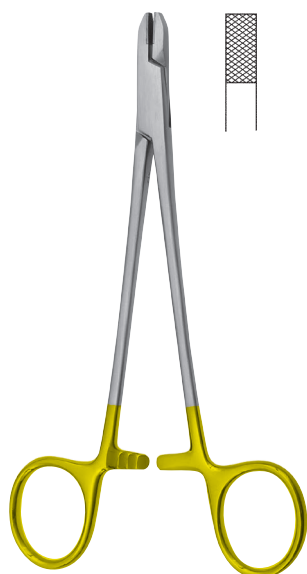
**BARRY-STERNDAL**

**021-250-185** 18,5 cm / 7 1/4"



Profil  
Serration  
Perfil  
Profil

**021-260-150** 15,0 cm / 6"  
**021-260-200** 20,0 cm / 8"



**021-270-150** 15,0 cm / 6"  
**021-270-200** 20,0 cm / 8"



Profil  
Serration  
Perfil  
Profil

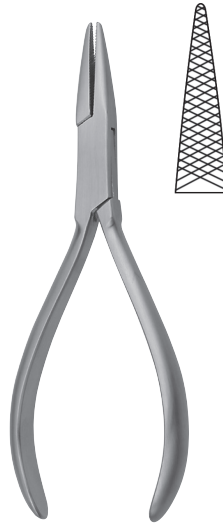
**CROWIN-HEGAR**

**021-280-160** 16,0 cm / 6 1/4"

Drahtfasszangen, Flachzangen  
Wire Holding Forceps, Flat Nose Pliers  
Alicates para extraer alambres, Alicates de pico plano  
Tenaglie porta cavo, Tenaglie piatte



**021-300-140** 14,0 cm / 5 1/4"



**021-304-140** 14,0 cm / 5 1/4"



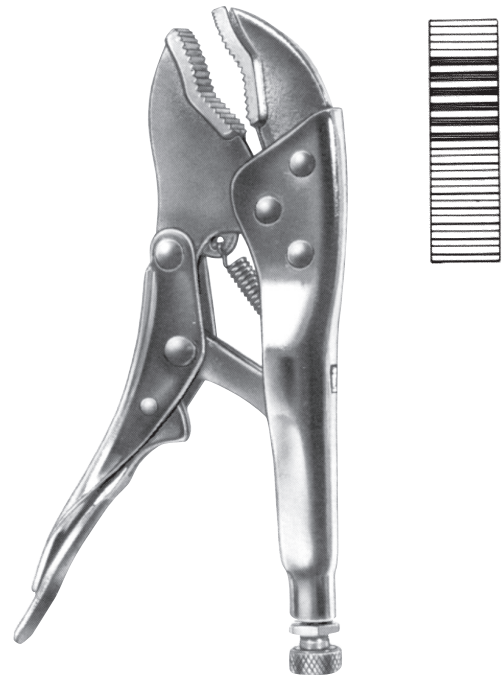
**HACKSTOCK**

**021-306-160** 16,0 cm / 6 1/4"

mit Längsrille  
with longitudinal groove  
con ranura longitudinal  
con scanalatura longitudinale



**021-310-180** 18,0 cm / 7"



**021-320-180** 18,0 cm / 7"

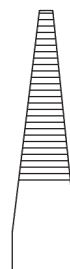
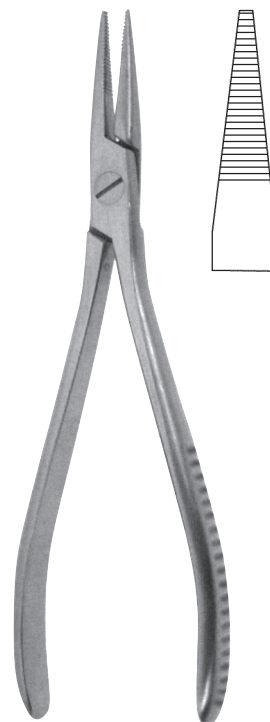


**021-330-001** 17,0 cm / 6<sup>3</sup>/<sub>4</sub>"

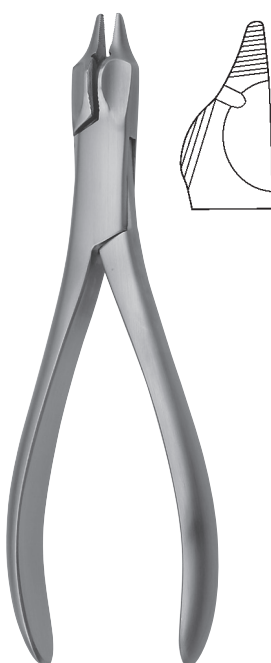


mit Kreuzrille  
 with crosswire groove  
 con ranura en forma de cruz  
 con scannalatura a croce

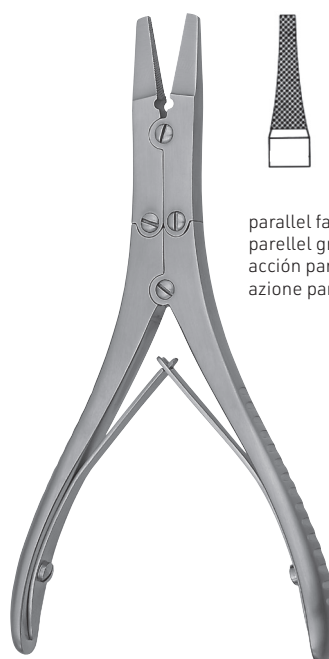
**021-330-002** 17,0 cm / 6<sup>3</sup>/<sub>4</sub>"



**021-340-190** 19,0 cm / 7<sup>1</sup>/<sub>2</sub>"



**021-350-150** 15,0 cm / 6"



parallel fassend  
 parallel grip  
 acción paralela  
 azione parallela

**021-378-145** 14,5 cm / 5<sup>3</sup>/<sub>4</sub>"



Fig. 1  
**021-380-001**



Fig. 2  
**021-380-002**



Fig. 3  
**021-380-003**

Parallelschluß  
Parallel action  
Acción paralela  
Azione parallela

**021-380-001 - 021-380-003**

18,0 cm / 7"



**021-382-180** 18,0 cm / 7"

**TC**



Fig. 1  
**021-390-001**



Fig. 2  
**021-390-002**



Fig. 3  
**021-390-003**

Parallelschluß  
Parallel action  
Acción paralela  
Azione parallela

**021-390-001 - 021-390-003**

18,0 cm / 7"



für weiche Drähte bis 2,4 mm Ø  
for soft wires up to 2,4 mm Ø  
para alambres blandos hasta 2,4 mm Ø  
per fili molli fino a 2,4 mm Ø

für harte Drähte bis 1,6 mm Ø  
for hard wires up to 1,6 mm Ø  
para alambres duros hasta 1,6 mm Ø  
per fili metallici duri fino a 1,6 mm Ø

**021-400-185** 18,5 cm / 7 1/4"



Kopfschneider  
Wire Cutter, front action  
Alicate frontal para corta alambre  
Tegnalie tagliafili frontali

für weiche Drähte bis 2,2 mm Ø  
for soft wires up to 2,2 mm Ø  
para alambres blandos hasta 2,2 mm Ø  
per fili molli fino a 2,2 mm Ø

für harte Drähte bis 2,0 mm Ø  
for hard wires up to 2,0 mm Ø  
para alambres duros hasta 2,0 mm Ø  
per fili metallici duri fino a 2,0 mm Ø

**FRIMED-DIAMANT**

**021-410-160** 16,0 cm / 6 1/4"



für weiche Drähte bis 0,6 mm Ø  
for soft wires up to 0,6 mm Ø  
para alambres blandos hasta 0,6 mm Ø  
per fili molli fino a 0,6 mm Ø

für harte Drähte bis 0,4 mm Ø  
for hard wires up to 0,4 mm Ø  
para alambres duros hasta 0,4 mm Ø  
per fili metallici duri fino a 0,4 mm Ø

**TC**



**021-420-125** 12,5 cm / 5"

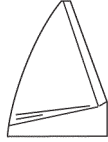
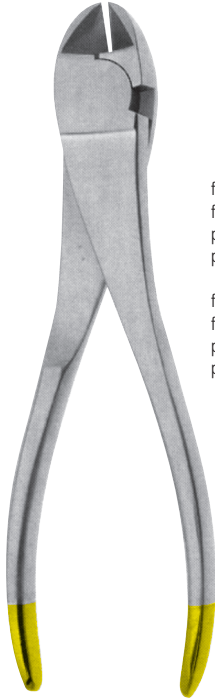


**021-420-470** 47,0 cm / 18 1/4"

Bolzenschneider zum Abzwicken von Drähten, Schrauben und Nägeln bis Ø 6 mm  
Cutters for cutting of wires, screws and pins up to diam. 6 mm  
Alicates corta-alambres, tornillos y clavos hasta Ø 6 mm  
Cesoia per cavi, viti e perni, con Ø superiore a 6 mm



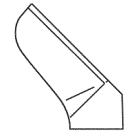
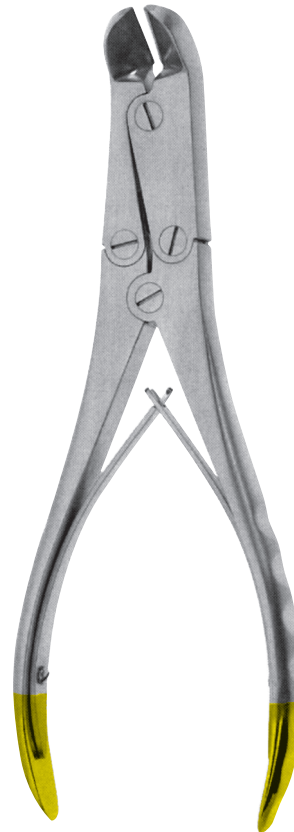
TC-Drahtkneifzangen  
TC-Wire Cutting Pliers  
TC-Alicates corta-alambres  
TC-Tenaglie tagliafili



für weiche Drähte bis 2,0 mm Ø  
for soft wires up to 2,0 mm Ø  
para alambres blandos hasta 2,0 mm Ø  
per fili molli fino a 2,0 mm Ø

für harte Drähte bis 1,7 mm Ø  
for hard wires up to 1,7 mm Ø  
para alambres duros hasta 1,7 mm Ø  
per fili metallici duri fino a 1,7 mm Ø

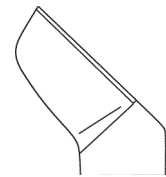
**021-430-185** 18,5 cm / 7 1/4"



**021-440-175**

für weiche Drähte bis 2,0 mm Ø  
for soft wires up to 2,0 mm Ø  
para alambres blandos hasta 2,0 mm Ø  
per fili molli fino a 2,0 mm Ø

für harte Drähte bis 1,7 mm Ø  
for hard wires up to 1,7 mm Ø  
para alambres duros hasta 1,7 mm Ø  
per fili metallici duri fino a 1,7 mm Ø



**021-440-220**

für weiche Drähte bis 2,8 mm Ø  
for soft wires up to 2,8 mm Ø  
para alambres blandos hasta 2,8 mm Ø  
per fili molli fino a 2,8 mm Ø

für harte Drähte bis 2,2 mm Ø  
for hard wires up to 2,2 mm Ø  
para alambres duros hasta 2,2 mm Ø  
per fili metallici duri fino a 2,2 mm Ø

**021-440-175** 17,5 cm / 7"  
**021-440-220** 22,0 cm / 8 3/4"



Kopf- und Seitenschneider  
Wire Cutting Plier  
Alicate para cortar alambre  
Tenaglia tagliafili

für weiche Drähte bis 2,0 mm Ø  
for soft wires up to 2,0 mm Ø  
para alambres blandos hasta 2,0 mm Ø  
per fili molli fino a 2,0 mm Ø

für harte Drähte bis 1,7 mm Ø  
for hard wires up to 1,7 mm Ø  
para alambres duros hasta 1,7 mm Ø  
per fili metallici duri fino a 1,7 mm Ø

**021-450-180** 18,0 cm / 7"





für harte Drähte bis 2,2 mm Ø  
for hard wires up to 2,2 mm Ø  
para alambre duros hasta 2,2 mm Ø  
per fill duri fino a 2,2 mm Ø

**021-460-180** 18,0 cm / 7"



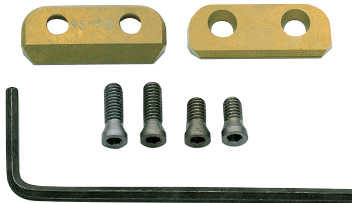
#### 021-460-230

für harte Drähte bis 3,0 mm Ø  
for hard wires up to 3,0 mm Ø  
para alambre duros hasta 3,0 mm Ø  
per fill duri fino a 3,0 mm Ø

#### 021-460-280

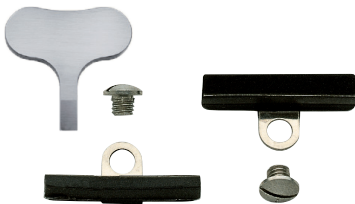
für harte Drähte bis 2,0 - 3,5 mm Ø  
for hard wires up to 2,0 - 3,5 mm Ø  
para alambre duros hasta 2,0 - 3,5 mm Ø  
per fill duri fino a 2,0 - 3,5 mm Ø

**021-460-230** 23,0 cm / 9"  
**021-460-280** 28,0 cm / 11"



**Ersatzteilset:** 1 Paar TC-Ersatzschneiden,  
2 Paar Schrauben, 1 Inbusschlüssel  
**Spare Part Set:** 1 pair of TC-blades, 2 pairs  
of screws, 1 Allen key  
**Juego de recambio:** 1 par de placas de  
Tungsteno, 2 pares de tornillos, 1 llave  
Hexagonal  
**Set di ricambio:** 1 paio di lami di TC,  
2 paio di viti, 1 chiave a brugola

**021-461-001** für/for/para/per 021-460-180  
**021-461-002** für/for/para/per 021-460-230 und -280



**Ersatzteilset:** 1 Paar Gummibacken,  
1 Paar Schrauben, 1 Schraubendreher  
**Spare Part Set:** 1 pair of rubber jaws,  
1 pair of screws, 1 Screwdriver  
**Juego de recambio:** 1 par de bocas de  
goma, 1 par de tornillos, 1 destornillador  
**Set di ricambio:** 1 paio di guance  
di plastica, 1 Cacciavite

**021-461-003** für/for/para/per 021-460-180,  
021-460-230 und -280



für weiche Drähte bis 3,0 mm Ø  
for soft wires up to 3,0 mm Ø  
para alambre blandos hasta 3,0 mm Ø  
per fili molli fino a 3,0 mm Ø

für harte Drähte bis 2,0 mm Ø  
for hard wires up to 2,0 mm Ø  
para alambre duros hasta 2,0 mm Ø  
per fili duri fino a 2,0 mm Ø

**021-470-220** 22,0 cm / 8<sup>3</sup>/<sub>4</sub>"

Drähte, Drahtspanner, Drahtspannzange  
Bone Wires, Wire Tightener, Wire Twisting Forceps  
Alambres para huesos, Tensor cierra-hilo, Pinza cierra-hilo  
Fili per ossa, Trenditore serra filo, Pinza gira cavo

Cerclage-Drähte, weich, in Ringen zu 10 m  
Bone wires, soft, in coils of 10 m  
Hilos de cerclaje, blandos, en rollos de 10 m  
Filo per ossa, leggero, inrotolo di 10 m



|                    |          |
|--------------------|----------|
| <b>021-500-002</b> | Ø 0,2 mm |
| <b>021-500-003</b> | Ø 0,3 mm |
| <b>021-500-004</b> | Ø 0,4 mm |
| <b>021-500-005</b> | Ø 0,5 mm |
| <b>021-500-006</b> | Ø 0,6 mm |
| <b>021-500-007</b> | Ø 0,7 mm |
| <b>021-500-008</b> | Ø 0,8 mm |
| <b>021-500-009</b> | Ø 0,9 mm |
| <b>021-500-010</b> | Ø 1,0 mm |
| <b>021-500-012</b> | Ø 1,2 mm |
| <b>021-500-015</b> | Ø 1,5 mm |



Drahtspanner mit an der Spitze  
eingebauter beweglicher Drahtspannbüchse  
für Cerclage-Drähte bis ø 1 mm

Wire tightener, with movable tip, for wires up  
to 1,0 mm diam.

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

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

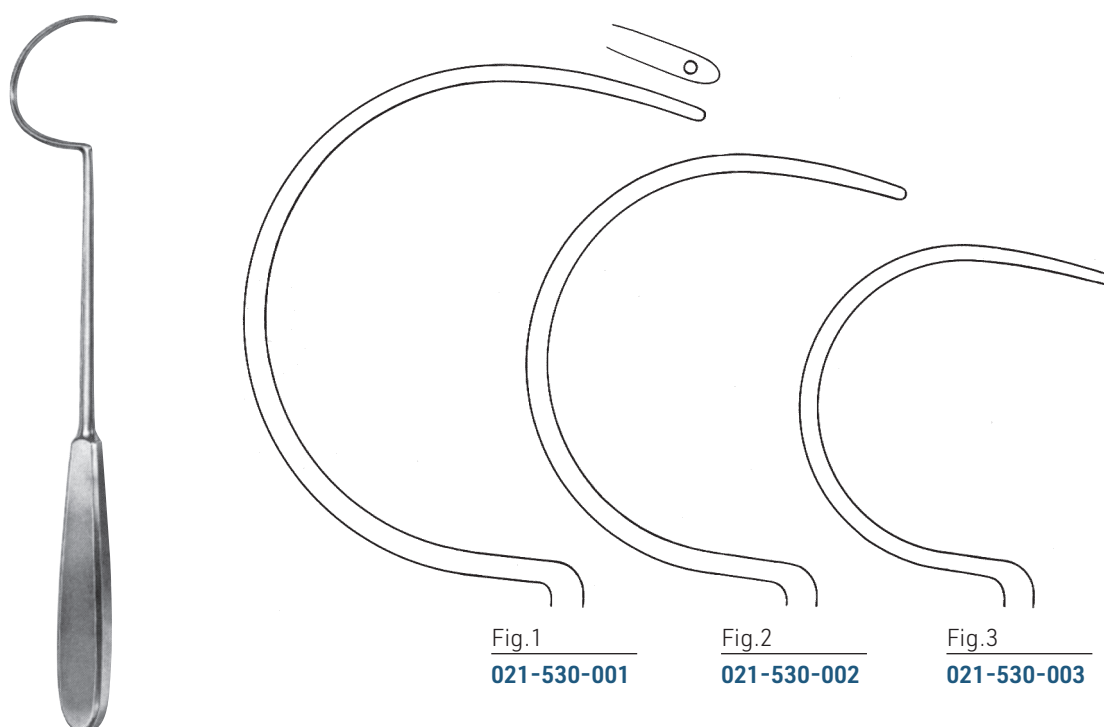
**LOUTE**

**021-510-210** 21,0 cm / 8<sup>1</sup>/<sub>4</sub>"



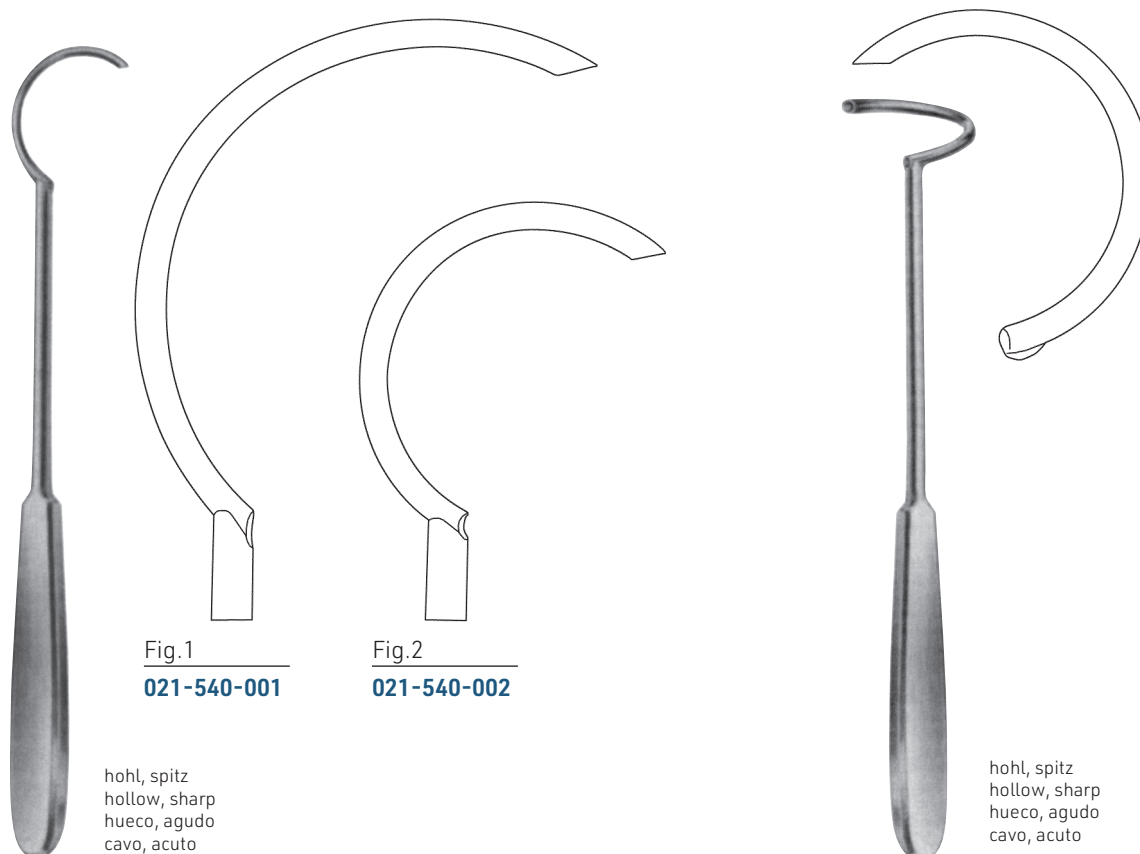
**DEMEL**

**021-520-270** 27,0 cm / 10<sup>3</sup>/<sub>4</sub>"



**DEMEL**

|                    |                                            |
|--------------------|--------------------------------------------|
| <b>021-530-001</b> | 31,0 cm / 12 <sup>1</sup> / <sub>4</sub> " |
| <b>021-530-002</b> | 29,0 cm / 11 <sup>1</sup> / <sub>4</sub> " |
| <b>021-530-003</b> | 28,0 cm / 11"                              |



|                    |                                            |
|--------------------|--------------------------------------------|
| <b>021-540-001</b> | 27,0 cm / 10 <sup>3</sup> / <sub>4</sub> " |
| <b>021-540-002</b> | 24,0 cm / 9 <sup>1</sup> / <sub>2</sub> "  |

|                    |              |
|--------------------|--------------|
| <b>021-544-225</b> | 22,5 cm / 9" |
|--------------------|--------------|



**VICKERS-EASYDRIVER**

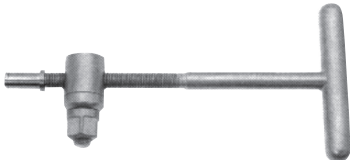
**021-598-140** 14,0 cm / 5 1/2"



**STEINMANN**

|                    |                |
|--------------------|----------------|
| <b>021-600-080</b> | Ø 4,0 x 80 mm  |
| <b>021-600-100</b> | Ø 4,0 x 100 mm |
| <b>021-600-120</b> | Ø 4,0 x 120 mm |
| <b>021-600-140</b> | Ø 4,0 x 140 mm |
| <b>021-600-150</b> | Ø 4,0 x 150 mm |
| <b>021-600-160</b> | Ø 4,0 x 160 mm |
| <b>021-600-180</b> | Ø 4,0 x 180 mm |
| <b>021-600-200</b> | Ø 4,0 x 200 mm |
| <b>021-600-210</b> | Ø 4,0 x 210 mm |
| <b>021-600-250</b> | Ø 4,0 x 250 mm |

Spannschlüssel mit Klemmbacke  
Wire tightener, with clamping jaws  
Tensor de alambres  
Strumento tenditore con morso a presa



**021-661-000**



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

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

Estribos para extensión con 3 ganchos de tracción,  
para agujas de KIRSCHNER hasta Ø 2,5 mm.

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

| <b>KIRSCHNER</b>   | <b>a</b> | <b>b</b> |                                                                                        |
|--------------------|----------|----------|----------------------------------------------------------------------------------------|
| <b>021-660-001</b> | 95 mm    | 70 mm    | für Arm und Ellenbogen / for arm and ellbow / para brazo y codo / per braccio e gomito |
| <b>021-660-002</b> | 95 mm    | 110 mm   | für Fersenbein / for clacaneus / para calcáneo / per calcagno                          |
| <b>021-660-003</b> | 105 mm   | 100 mm   | für Knie / for knee / para rodilla / per ginocchio                                     |
| <b>021-660-004</b> | 120 mm   | 120 mm   | für Knie / for knee / para rodilla / per ginocchio                                     |
| <b>021-660-005</b> | 135 mm   | 130 mm   | für Knie / for knee / para rodilla / per ginocchio                                     |
| <b>021-660-006</b> | 155 mm   | 155 mm   | für Oberschenkel / for femur / para fémur / per femore                                 |
| <b>021-660-007</b> | 200 mm   | 155 mm   | für Hüfte / for hip / para coxa / per anca                                             |



Bohrdrähte mit beidseitiger Trokarspitze, in Packungen zu 10 Stk.  
Wire drills with trocar point on each end, in packages of 10 pieces  
Agujas con dos puntas trocar, en paquete de 10 piezas  
Punte trequarti a punta ciascun lato, in confezioni da 10 pezzi

#### KIRSCHNER

| 6,0 cm / 2 1/2" | 10,0 cm / 4" | 12,0 cm / 4 3/4" | 14,0 cm / 4 3/4" | 16,0 cm / 6 1/4" | 31,0 cm / 12 1/4" | für Drähte mit<br>for wires with<br>para agujas con<br>per punte con |
|-----------------|--------------|------------------|------------------|------------------|-------------------|----------------------------------------------------------------------|
| 021-700-008     | 021-702-008  | 021-704-008      | 021-706-008      | 021-708-008      | 021-710-008       | Ø 0,8 mm                                                             |
| 021-700-010     | 021-702-010  | 021-704-010      | 021-706-010      | 021-708-010      | 021-710-010       | Ø 1,0 mm                                                             |
| 021-700-012     | 021-702-012  | 021-704-012      | 021-706-012      | 021-708-012      | 021-710-012       | Ø 1,2 mm                                                             |
| 021-700-014     | 021-702-014  | 021-704-014      | 021-706-014      | 021-708-014      | 021-710-014       | Ø 1,4 mm                                                             |
| 021-700-015     | 021-702-015  | 021-704-015      | 021-706-015      | 021-708-015      | 021-710-015       | Ø 1,5 mm                                                             |
| 021-700-016     | 021-702-016  | 021-704-016      | 021-706-016      | 021-708-016      | 021-710-016       | Ø 1,6 mm                                                             |
| 021-700-018     | 021-702-018  | 021-704-018      | 021-706-018      | 021-708-018      | 021-710-018       | Ø 1,8 mm                                                             |
| 021-700-020     | 021-702-020  | 021-704-020      | 021-706-020      | 021-708-020      | 021-710-020       | Ø 2,0 mm                                                             |
| 021-700-022     | 021-702-022  | 021-704-022      | 021-706-022      | 021-708-022      | 021-710-022       | Ø 2,2 mm                                                             |
| 021-700-025     | 021-702-025  | 021-704-025      | 021-706-025      | 021-708-025      | 021-710-025       | Ø 2,5 mm                                                             |
| 021-700-030     | 021-702-030  | 021-704-030      | 021-706-030      | 021-708-030      | 021-710-030       | Ø 3,0 mm                                                             |



Bohrdrähte mit Trokarspitze und rundem Schaftende, in Packungen zu 10 Stk.  
Wire drills with trocar point and round shaft end, in packages of 10 pieces  
Agujas con punta trocar y cabo redondo, en paquetes de 10 piezas  
Punte trequarti a punta, estremita rotonda, in confezioni da 10 pezzi

#### KIRSCHNER

| 6,0 cm / 2 1/2" | 10,0 cm / 4" | 12,0 cm / 4 3/4" | 14,0 cm / 4 3/4" | 16,0 cm / 6 1/4" | 31,0 cm / 12 1/4" | für Drähte mit<br>for wires with<br>para agujas con<br>per punte con |
|-----------------|--------------|------------------|------------------|------------------|-------------------|----------------------------------------------------------------------|
| 021-720-008     | 021-722-008  | 021-724-008      | 021-726-008      | 021-728-008      | 021-730-008       | Ø 0,8 mm                                                             |
| 021-720-010     | 021-722-010  | 021-724-010      | 021-726-010      | 021-728-010      | 021-730-010       | Ø 1,0 mm                                                             |
| 021-720-012     | 021-722-012  | 021-724-012      | 021-726-012      | 021-728-012      | 021-730-012       | Ø 1,2 mm                                                             |
| 021-720-014     | 021-722-014  | 021-724-014      | 021-726-014      | 021-728-014      | 021-730-014       | Ø 1,4 mm                                                             |
| 021-720-015     | 021-722-015  | 021-724-015      | 021-726-015      | 021-728-015      | 021-730-015       | Ø 1,5 mm                                                             |
| 021-720-016     | 021-722-016  | 021-724-016      | 021-726-016      | 021-728-016      | 021-730-016       | Ø 1,6 mm                                                             |
| 021-720-018     | 021-722-018  | 021-724-018      | 021-726-018      | 021-728-018      | 021-730-018       | Ø 1,8 mm                                                             |
| 021-720-020     | 021-722-020  | 021-724-020      | 021-726-020      | 021-728-020      | 021-730-020       | Ø 2,0 mm                                                             |
| 021-720-022     | 021-722-022  | 021-724-022      | 021-726-022      | 021-728-022      | 021-730-022       | Ø 2,2 mm                                                             |
| 021-720-025     | 021-722-025  | 021-724-025      | 021-726-025      | 021-728-025      | 021-730-025       | Ø 2,5 mm                                                             |
| 021-720-030     | 021-722-030  | 021-724-030      | 021-726-030      | 021-728-030      | 021-730-030       | Ø 3,0 mm                                                             |

- Bohrdrähte mit Trokarspitze und flachem Schaftende, in Packungen zu 10 Stk.  
Wire drills with trocar point and flat shaft end, in packages of 10 pieces  
Agujas con punta trocar y cabo plano, en paquetes de 10 piezas  
Punte trequarti a punta, in confezioni da 10 pezzi



für Drähte mit  
for wires with  
para agujas con  
per punte con

#### KIRSCHNER

| 6,0 cm / 2 1/2" | 10,0 cm / 4" | 12,0 cm / 4 3/4" | 14,0 cm / 4 3/4" | 16,0 cm / 6 1/4" | 31,0 cm / 12 1/4" |          |
|-----------------|--------------|------------------|------------------|------------------|-------------------|----------|
| 021-740-008     | 021-742-008  | 021-744-008      | 021-746-008      | 021-748-008      | 021-750-008       | Ø 0,8 mm |
| 021-740-010     | 021-742-010  | 021-744-010      | 021-746-010      | 021-748-010      | 021-750-010       | Ø 1,0 mm |
| 021-740-012     | 021-742-012  | 021-744-012      | 021-746-012      | 021-748-012      | 021-750-012       | Ø 1,2 mm |
| 021-740-014     | 021-742-014  | 021-744-014      | 021-746-014      | 021-748-014      | 021-750-014       | Ø 1,4 mm |
| 021-740-015     | 021-742-015  | 021-744-015      | 021-746-015      | 021-748-015      | 021-750-015       | Ø 1,5 mm |
| 021-740-016     | 021-742-016  | 021-744-016      | 021-746-016      | 021-748-016      | 021-750-016       | Ø 1,6 mm |
| 021-740-018     | 021-742-018  | 021-744-018      | 021-746-018      | 021-748-018      | 021-750-018       | Ø 1,8 mm |
| 021-740-020     | 021-742-020  | 021-744-020      | 021-746-020      | 021-748-020      | 021-750-020       | Ø 2,0 mm |
| 021-740-022     | 021-742-022  | 021-744-022      | 021-746-022      | 021-748-022      | 021-750-022       | Ø 2,2 mm |
| 021-740-025     | 021-742-025  | 021-744-025      | 021-746-025      | 021-748-025      | 021-750-025       | Ø 2,5 mm |
| 021-740-030     | 021-742-030  | 021-744-030      | 021-746-030      | 021-748-030      | 021-750-030       | Ø 3,0 mm |

□



für Drähte mit  
for wires with  
para agujas con  
per punte con

#### KIRSCHNER

|             |          |              |
|-------------|----------|--------------|
| 021-762-008 | Ø 0,8 mm | 10,0 cm / 4" |
| 021-762-010 | Ø 1,0 mm | 10,0 cm / 4" |
| 021-762-012 | Ø 1,2 mm | 10,0 cm / 4" |
| 021-762-014 | Ø 1,4 mm | 10,0 cm / 4" |
| 021-762-015 | Ø 1,5 mm | 10,0 cm / 4" |
| 021-762-016 | Ø 1,6 mm | 10,0 cm / 4" |
| 021-762-018 | Ø 1,8 mm | 10,0 cm / 4" |
| 021-762-020 | Ø 2,0 mm | 10,0 cm / 4" |
| 021-762-022 | Ø 2,2 mm | 10,0 cm / 4" |
| 021-762-025 | Ø 2,5 mm | 10,0 cm / 4" |
| 021-762-030 | Ø 3,0 mm | 10,0 cm / 4" |

- Bohrdraht mit Lanzettenspitze, flaches Schaftende, in Packungen zu 10 Stk.  
Wire drill with lancet point, flat shaft end, in packages of 10 pieces  
Aguja con punta de lancetta, cabo plano, en paquetes de 10 piezas  
Punta lanceolata a punta, in confezioni da 10 pezzi



mit Metall-Deckel  
with metal lid  
con tapa metalica  
con coperchio metallico

für Drähte mit  
for wires with  
para agujas con  
per punte con

mit Kunststoff-Deckel  
with plastic lid  
con tapa de plastico  
con coperchio in plastico

für Drähte mit  
for wires with  
para agujas con  
per punte con

| 10,0 cm / 4" | 16,0 cm / 6 1/4" | 31,0 cm / 12 1/4" |          | 10,0 cm / 4" | 16,0 cm / 6 1/4" | 31,0 cm / 12 1/4" |          |
|--------------|------------------|-------------------|----------|--------------|------------------|-------------------|----------|
| 021-900-008  | 021-902-008      | 021-904-008       | Ø 0,8 mm | 021-901-008  | 021-903-008      | 021-905-008       | Ø 0,8 mm |
| 021-900-010  | 021-902-010      | 021-904-010       | Ø 1,0 mm | 021-901-010  | 021-903-010      | 021-905-010       | Ø 1,0 mm |
| 021-900-012  | 021-902-012      | 021-904-012       | Ø 1,2 mm | 021-901-012  | 021-903-012      | 021-905-012       | Ø 1,2 mm |
| 021-900-014  | 021-902-014      | 021-904-014       | Ø 1,4 mm | 021-901-014  | 021-903-014      | 021-905-014       | Ø 1,4 mm |
| 021-900-015  | 021-902-015      | 021-904-015       | Ø 1,5 mm | 021-901-015  | 021-903-015      | 021-905-015       | Ø 1,5 mm |
| 021-900-016  | 021-902-016      | 021-904-016       | Ø 1,6 mm | 021-901-016  | 021-903-016      | 021-905-016       | Ø 1,6 mm |
| 021-900-018  | 021-902-018      | 021-904-018       | Ø 1,8 mm | 021-901-018  | 021-903-018      | 021-905-018       | Ø 1,8 mm |
| 021-900-020  | 021-902-020      | 021-904-020       | Ø 2,0 mm | 021-901-020  | 021-903-020      | 021-905-020       | Ø 2,0 mm |
| 021-900-022  | 021-902-022      | 021-904-022       | Ø 2,2 mm | 021-901-022  | 021-903-022      | 021-905-022       | Ø 2,2 mm |
| 021-900-025  | 021-902-025      | 021-904-025       | Ø 2,5 mm | 021-901-025  | 021-903-025      | 021-905-025       | Ø 2,5 mm |
| 021-900-030  | 021-902-030      | 021-904-030       | Ø 3,0 mm | 021-901-030  | 021-903-030      | 021-905-030       | Ø 3,0 mm |



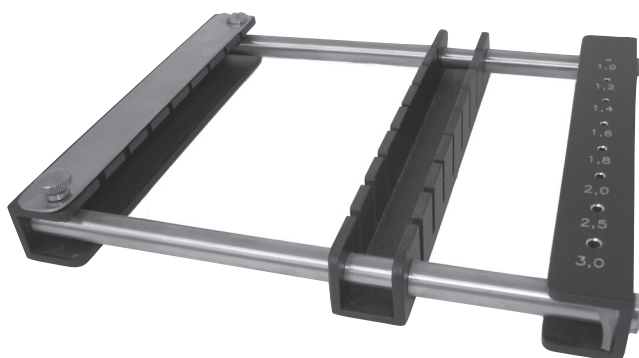
Mehrfach-Bohrdrahtspender  
Multiple Wire Drill Dispenser  
Dispensador multiple para brocas filiformes  
Distributore multiplo per punte filiformi

- Vier verschiedene Bohrdrähte in einem Spender.
- Eindeutige Kennzeichnung der verschiedenen Durchmesser auf dem Spender.
- Sterilisation und Aufbewahrung im Spender.
- Four different wire drills from one dispenser.
- Clear size markings on the dispenser.
- Sterilization and storage in the dispenser.
- Cuatro agujas distintas en un sólo dispensador.
- El dispensador está marcado claramente con los diferentes diámetros.
- Esterilización y almacejaje dentro del mismo dispensador.
- 4 Differenti punte filiformi e un solo contenitore
- Distributore marcato con i vari diametri.
- Sterilizzazione e conservazione nello stesso distributore.



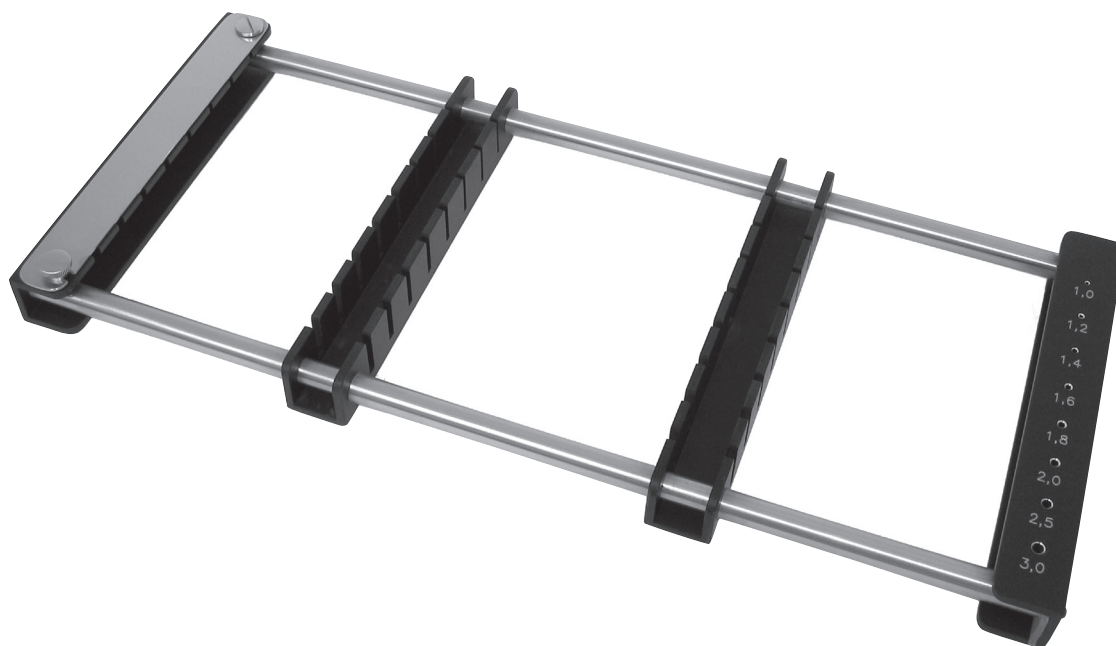
**021-916-310** Ø 1,0 / 1,2 / 1,4 / 1,6 mm x 310 mm  
**021-918-310** Ø 1,8 / 2,0 / 2,2 / 2,5 mm x 310 mm

**021-912-160** Ø 1,0 / 1,2 / 1,4 / 1,6 mm x 160 mm  
**021-914-160** Ø 1,8 / 2,0 / 2,2 / 2,5 mm x 160 mm



**021-920-100** für 10,0 cm Draht / for 10,0 cm wire / para agujas de 10,0 cm / per punte filiformi 10,0 cm

**021-920-150** für 15,0 cm Draht / for 15,0 cm wire / para agujas de 15,0 cm / per punte filiformi 15,0 cm



**021-922-310** für 31,0 cm Draht / for 31,0 cm wire / para agujas de 31,0 cm / per punte filiformi 31,0 cm