

dimedda[®]
SURGICAL INSTRUMENTS



VETERINÄR

VETERINARY

[DAS UNTERNEHMEN]



„Mit unseren Instrumenten wird nicht gespielt, sie retten Leben.“

„Our instruments are not to play, they save lives.“

[DEUTSCH]

Seit 1976 sind wir erfolgreich in der Medizinbranche tätig. Wir bieten ein komplettes Programm chirurgischer Instrumente an. Im Mittelpunkt aller Maßnahmen und Aktivitäten unseres Hauses steht der Kunde. Seine Wünsche, Ansprüche und Anforderungen sind für uns eine tägliche Herausforderung. Deshalb ist absolute Kundenorientierung für uns oberstes Prinzip. Sie prägt unsere Geschäftspolitik und ist jederzeit Ansporn für das Handeln und Denken unserer Mitarbeiter. Daher sind wir stets für morgen gerüstet. Unser Qualitätsmanagement ist ein essentieller Bestandteil unserer langfristigen Unternehmensstrategie, in die jeder einzelne Mitarbeiter eingebunden ist und die von einem Wir-Gefühl getragen wird. Unabhängig vom jeweiligen Arbeitsplatz, fühlt sich jeder DIMEDA-Mitarbeiter für die Einhaltung der Qualität verantwortlich.

Wir verfügen über modernste Logistik. Unser umfassendes Lager garantiert schnelle Lieferzeiten. Sollten Artikel nicht lagermäßig vorrätig sein, so können diese durch einen speziellen Service kurzfristig zur Verfügung gestellt und versendet werden. Alle Instrumente und Geräte aus unserem Sortiment werden von geschulten und erfahrenen Fachkräften mit handwerklichem Geschick unter Einsatz modernster Maschinen und Anlagen hergestellt. Dabei kommen ausnahmslos Materialien zum Einsatz, die unseren besonders hohen Qualitätsstandards genügen. Unsere Produktpalette mit mehr als 23.000 verschiedenen Standardinstrumenten für die Human-, Dental und Veterinärmedizin wird durch die enge Zusammenarbeit mit unseren Kunden, Ärzten und Wissenschaftlern im In- und Ausland ständig erweitert und nach dem neuesten Stand der Technik optimiert.

[ENGLISH]

Since 1976 we have been working successfully in the medical field. The focus of all our measures and activities is the customer. His wishes, demands and requirements are a daily challenge for us. Therefore, customer service is our top priority. It effects our business policy and is a permanent task for every member of our team. For this reason we are prepared for the future at any time. Our Quality Management is an essential component in our long-term company strategy in which every single employee is involved and which is supported by a common feeling. Every DIMEDA employee feels himself responsible for observance of quality no matter in which department he is working.

Our extensive warehouse guarantees quick delivery times. Articles which are not available ex stock can be supplied in a short time due to a special service. All instruments and devices of our product range are manufactured by well-trained and experienced skilled workers with special craftsmanship and by use of most modern machines and equipment. We only use materials which meet our high quality standards. Our product range with more than 23,000 different standard instruments for Human, Dental and Veterinary medical applications is permanently increased and optimized as per the state of the art by the close cooperation of our domestic and foreign customers, physicians and scientists.

[LOGISTIK]

„Einmal um die ganze Welt“

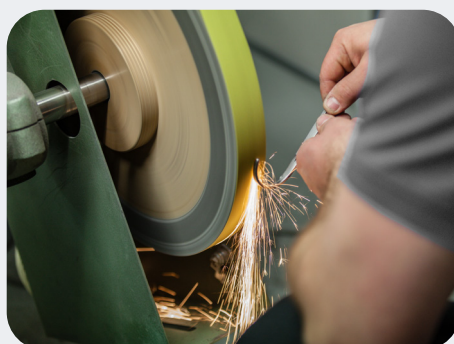
„All around the world.“

[DEUTSCH]

Seit 40 Jahren nutzen Ärzte weltweit unsere chirurgischen Instrumente. Es gibt kaum ein Land, in dem wir nicht vertreten sind. Von unserem Lager bis zu ihrem Bestimmungsort hat unsere Ware oft einen langen Weg hinter sich. Wir setzen logistisch alles daran, dass Ihre Bestellung rechtzeitig und zu Ihrer Zufriedenheit eintrifft.

[ENGLISH]

Since 40 years physicians and surgeons all over the world are using our surgical instruments. There is hardly a country where we do not have a distributor.



[ORIENTIERUNG]

„Schnell suchen,
schneller finden“



„search fast, find faster.“



Durchmesser
diameter



gerades Instrument
straight instrument



gebogenes Instrument
curved instrument



gewinkelt
angled



scharfes Instrument
sharp instrument



stumpfes Instrument
blunt instrument



diamantiertes Maul
diamond coated jaws



mit Sperre
with lock



konisch
conical



kurz
short



fein | schmal
fine | narrow



sehr fein
very delicate



breit
wide



stumpf | stumpf
blunt | blunt



spitz | stumpf
pointed | blunt



spitz | spitz
pointed | pointed



streamline
streamline



s-förmig
s-shaped



Kombilöcher
combi holes



AO-Ansatz
AO coupling



Dental-Ansatz
Dental coupling



Stryker-Ansatz
Stryker coupling




eine Schneide gezahnt
one toothed cutting edge




zwei Schneiden gezahnt
two toothed cutting edges





 mit TC-Einsätzen
 TC inserts


 TC Schneiden
 TC cutting edges


 Titan
 titanium



 Anzahl der Zähne
 Number of teeth


 De Bakey-Zahnung
 De Bakey serration


 Atrauma-Zahnung
 Atraumatic serration


 links
 left



 rechts
 right


 Normalprofil
 regular profile


 Miniprofil
 mini profile


 Mikroprofil
 micro profile


 Kreuzschlitz
 crosslock


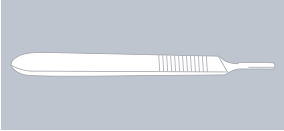
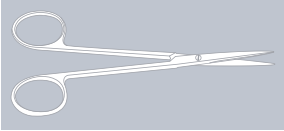
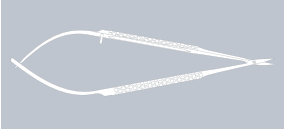
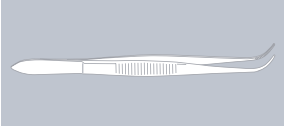
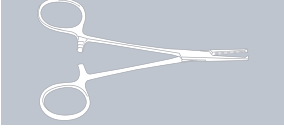

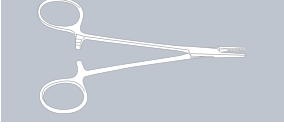

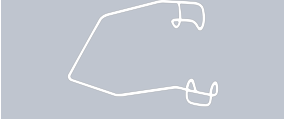



 mit Schlitz & Bohrung
 single slot & hole


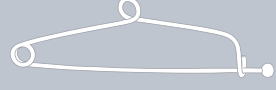

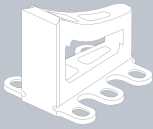


 Sechskant
 hexagon


 Achtkant
 octagonal


 rund
 round

L x B x H
 Außenmaß - Länge x Breite x Höhe
 outside dimension - length x width x height

| | | | |
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01

◆ SAUGROHRE
SUCTION TUBES





POOLE

| | Länge Length | Durchmesser Diameter |
|-----------|-----------------|-------------------------|
| 04.130.10 | 23,0 cm 8¾" | 10,0 mm 30 Charr. |

▶ mit abschraubbarem Außenrohr
with dismantable outer tube



POOLE

| | Länge Length | Durchmesser Diameter |
|-----------|-----------------|-------------------------|
| 04.140.06 | 20,0 cm 8" | 6,0 mm 18 Charr. |
| 04.140.08 | 23,0 cm 9" | 8,0 mm 23 Charr. |

▶ mit abschraubbarem Außenrohr
with dismantable outer tube



YANKAUER

| | Länge Length | Durchmesser Diameter |
|-----------|-----------------|-------------------------|
| 04.150.27 | 27,0 cm 8" | 10,0 mm |

▶ komplett, mit Saugspitze und Schlaucholive
complete, with suction tip and connector



FRAZIER

| | Gesamtlänge Total length | Arbeitslänge Working length | Winkel Angle | Durchmesser Diameter |
|-----------|-----------------------------|--------------------------------|-----------------|-------------------------|
| 40.295.06 | 19,0 cm 7½" | 11,0 cm 4¼" | 30° | 2,0 mm 6 Charr. |
| 40.295.07 | 19,0 cm 7½" | 11,0 cm 4¼" | 30° | 2,3 mm 7 Charr. |
| 40.295.08 | 19,0 cm 7½" | 11,0 cm 4¼" | 30° | 2,7 mm 8 Charr. |
| 40.295.09 | 19,0 cm 7½" | 11,0 cm 4¼" | 30° | 3,0 mm 9 Charr. |
| 40.295.10 | 19,0 cm 7½" | 11,0 cm 4¼" | 30° | 3,3 mm 10 Charr. |
| 40.295.11 | 19,0 cm 7½" | 11,0 cm 4¼" | 30° | 3,7 mm 11 Charr. |
| 40.295.12 | 19,0 cm 7½" | 11,0 cm 4¼" | 30° | 4,0 mm 12 Charr. |
| 40.295.15 | 19,0 cm 7½" | 11,0 cm 4¼" | 30° | 5,0 mm 15 Charr. |
| 40.297.06 | 19,0 cm 7½" | 11,0 cm 4¼" | 75° | 2,0 mm 6 Charr. |
| 40.297.07 | 19,0 cm 7½" | 11,0 cm 4¼" | 75° | 2,3 mm 7 Charr. |
| 40.297.08 | 19,0 cm 7½" | 11,0 cm 4¼" | 75° | 2,7 mm 8 Charr. |
| 40.297.09 | 19,0 cm 7½" | 11,0 cm 4¼" | 75° | 3,0 mm 9 Charr. |
| 40.297.10 | 19,0 cm 7½" | 11,0 cm 4¼" | 75° | 3,3 mm 10 Charr. |
| 40.297.11 | 19,0 cm 7½" | 11,0 cm 4¼" | 75° | 3,7 mm 11 Charr. |
| 40.297.12 | 19,0 cm 7½" | 11,0 cm 4¼" | 75° | 4,0 mm 12 Charr. |
| 40.297.15 | 19,0 cm 7½" | 11,0 cm 4¼" | 75° | 5,0 mm 15 Charr. |

▶ mit Unterbrecher und Mandrin
with finger cut-off and stylet



BARON

| | Arbeitslänge Working length | Durchmesser Diameter |
|-----------|--------------------------------|-------------------------|
| 44.101.03 | 7,5 cm 3" | 1,0 mm |
| 44.101.05 | 7,5 cm 3" | 1,5 mm |
| 44.101.07 | 7,5 cm 3" | 2,0 mm |

▶ mit Unterbrecher
with finger cut-off

02

◆ SKALPELLE
SCALPELS





SKALPELLE
SCALPELS

● Skalpелgriffe
Scalpel handles



N° 3
06.103.00 12,0 cm 4¾"



N° 3
06.103.01 12,0 cm 4¾"

▶ mit Graduierung in cm
with cm graduation



N° 3L
06.103.02 21,5 cm 8½"



N° 4
06.104.00 13,5 cm 5¼"



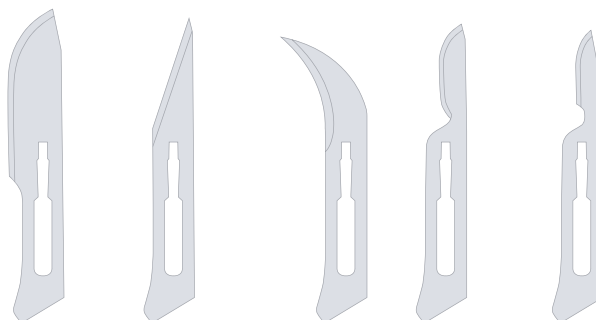
● Skalpellschnitten
Scalpel blades



N° 4L
06.104.02 21,0 cm 8¼"

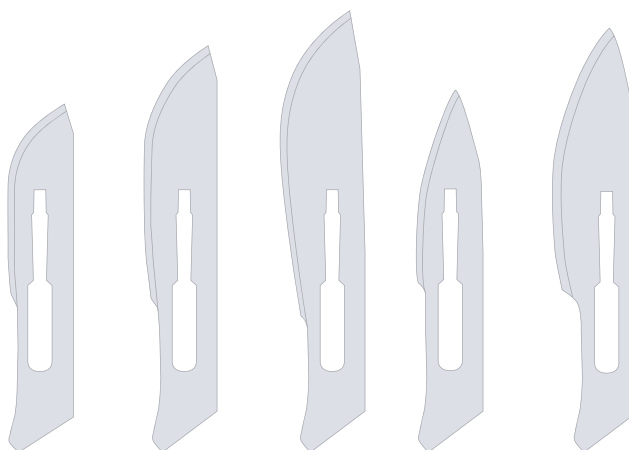


N° 7
06.107.00 16,0 cm 6¼"



N° 10 06.110.00 N° 11 06.111.00 N° 12 06.112.00 N° 15 06.115.00 N° 15C 06.115.01

▶ für Skalpellschnitten N° 3 und N° 7
for scalpel handle N° 3 and N° 7



N° 20 06.120.00 N° 21 06.121.00 N° 22 06.122.00 N° 23 06.123.00 N° 24 06.124.00

▶ für Skalpellschnitten N° 4
for scalpel handle N° 4



▶ in Packungen à 100 Stück
in packages of 100 pieces



SKALPELLE
SCALPELS

● Mikro-Skalpellgriffe
Micro scalpel handles

● Mikro-Skalpellklingen
Micro scalpel blades



06.302.13 13,5 cm 5¼"



06.304.15 15,5 cm 6"



06.308.20 20,0 cm 8"



N° 61

40.859.01



N° 62

40.859.02



N° 64

40.859.04



N° 65

40.859.05



N° 67

40.859.07



N° 69

40.859.09

▶ in Packungen à 10 Stück, steril
in packages of 10 pieces, sterile



SCHEREN
SCISSORS

● Chirurgische Scheren
Operating scissors



| | | |
|-----------|-------------|---|
| 08.102.10 | 10,5 cm 4¼" | ▲ |
| 08.102.11 | 11,5 cm 4½" | ▲ |
| 08.102.13 | 13,0 cm 5" | ▲ |
| 08.102.14 | 14,5 cm 5¾" | ▲ |
| 08.102.15 | 15,5 cm 6¼" | ▲ |
| 08.102.16 | 16,5 cm 6½" | ▲ |
| 08.102.18 | 18,5 cm 7¼" | ▲ |
| 08.102.20 | 20,0 cm 8" | ▲ |
| 08.102.30 | 30,0 cm 12" | ▲ |

| | | |
|-----------|-------------|---|
| 08.103.10 | 10,5 cm 4¼" | ▲ |
| 08.103.11 | 11,5 cm 4½" | ▲ |
| 08.103.13 | 13,0 cm 5" | ▲ |
| 08.103.14 | 14,5 cm 5¾" | ▲ |
| 08.103.15 | 15,5 cm 6¼" | ▲ |
| 08.103.16 | 16,5 cm 6½" | ▲ |
| 08.103.18 | 18,5 cm 7¼" | ▲ |
| 08.103.20 | 20,0 cm 8" | ▲ |
| 08.103.30 | 30,0 cm 12" | ▲ |



| | | |
|-----------|-------------|---|
| 08.104.14 | 14,5 cm 5¾" | ▲ |
| 08.104.16 | 16,5 cm 6½" | ▲ |
| 08.104.18 | 18,5 cm 7¼" | ▲ |

| | | |
|-----------|-------------|---|
| 08.105.14 | 14,5 cm 5¾" | ▲ |
| 08.105.16 | 16,5 cm 6½" | ▲ |
| 08.105.18 | 18,5 cm 7¼" | ▲ |



| | | |
|-----------|-------------|---|
| 07.102.10 | 10,5 cm 4¼" | ▲ |
| 07.102.11 | 11,5 cm 4½" | ▲ |
| 07.102.13 | 13,0 cm 5" | ▲ |
| 07.102.14 | 14,5 cm 5¾" | ▲ |
| 07.102.15 | 15,5 cm 6¼" | ▲ |
| 07.102.16 | 16,5 cm 6½" | ▲ |
| 07.102.18 | 18,5 cm 7¼" | ▲ |
| 07.102.20 | 20,0 cm 8" | ▲ |

| | | |
|-----------|-------------|---|
| 07.103.10 | 10,5 cm 4¼" | ▲ |
| 07.103.11 | 11,5 cm 4½" | ▲ |
| 07.103.13 | 13,0 cm 5" | ▲ |
| 07.103.14 | 14,5 cm 5¾" | ▲ |
| 07.103.15 | 15,5 cm 6¼" | ▲ |
| 07.103.16 | 16,5 cm 6½" | ▲ |
| 07.103.18 | 18,5 cm 7¼" | ▲ |
| 07.103.20 | 20,0 cm 8" | ▲ |



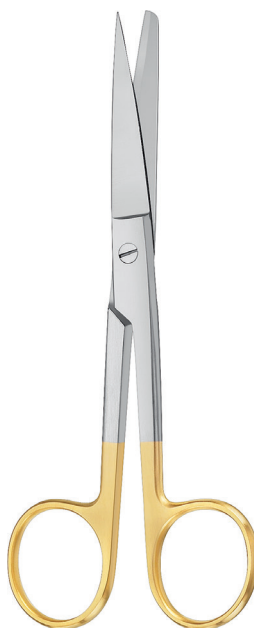
| | | |
|-----------|-------------|---|
| 07.104.14 | 14,5 cm 5¾" | ▲ |
| 07.104.16 | 16,5 cm 6½" | ▲ |

| | | |
|-----------|-------------|---|
| 07.105.14 | 14,5 cm 5¾" | ▲ |
| 07.105.16 | 16,5 cm 6½" | ▲ |



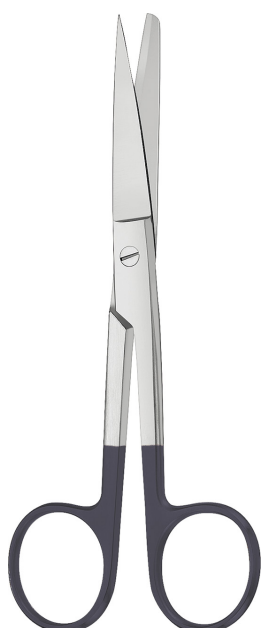
| | | |
|-----------|-------------|---|
| 08.110.10 | 10,5 cm 4¼" | ▲ |
| 08.110.11 | 11,5 cm 4½" | ┃ |
| 08.110.13 | 13,0 cm 5" | ┃ |
| 08.110.14 | 14,5 cm 5¾" | ┃ |
| 08.110.15 | 15,5 cm 6¼" | ┃ |
| 08.110.16 | 16,5 cm 6½" | ┃ |
| 08.110.18 | 18,5 cm 7¼" | ┃ |
| 08.110.20 | 20,0 cm 8" | ┃ |
| 08.110.30 | 30,0 cm 12" | ┃ |

| | | |
|-----------|-------------|---|
| 08.111.10 | 10,5 cm 4¼" | ▲ |
| 08.111.11 | 11,5 cm 4½" | ☾ |
| 08.111.13 | 13,0 cm 5" | ☾ |
| 08.111.14 | 14,5 cm 5¾" | ☾ |
| 08.111.15 | 15,5 cm 6¼" | ☾ |
| 08.111.16 | 16,5 cm 6½" | ☾ |
| 08.111.18 | 18,5 cm 7¼" | ☾ |
| 08.111.20 | 20,0 cm 8" | ☾ |
| 08.111.30 | 30,0 cm 12" | ☾ |



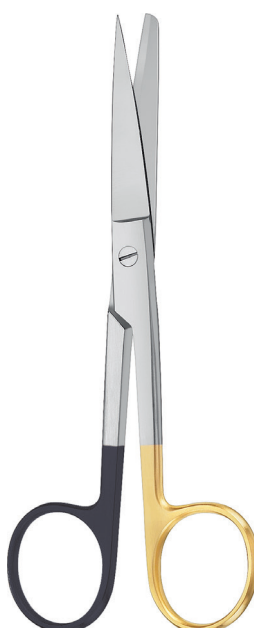
| | | | |
|-----------|-------------|---|---|
| 08.114.14 | 14,5 cm 5¾" | ▲ | ■ |
| 08.114.16 | 16,5 cm 6½" | ┃ | ■ |
| 08.114.18 | 18,5 cm 7¼" | ┃ | ■ |

| | | | |
|-----------|-------------|---|---|
| 08.115.14 | 14,5 cm 5¾" | ▲ | ■ |
| 08.115.16 | 16,5 cm 6½" | ☾ | ■ |
| 08.115.18 | 18,5 cm 7¼" | ☾ | ■ |



| | | | |
|-----------|-------------|---|---|
| 07.110.11 | 11,5 cm 4½" | ▲ | ■ |
| 07.110.13 | 13,0 cm 5" | ┃ | ■ |
| 07.110.14 | 14,5 cm 5¾" | ┃ | ■ |
| 07.110.15 | 15,5 cm 6¼" | ┃ | ■ |
| 07.110.16 | 16,5 cm 6½" | ┃ | ■ |
| 07.110.18 | 18,5 cm 7¼" | ┃ | ■ |
| 07.110.20 | 20,0 cm 8" | ┃ | ■ |

| | | | |
|-----------|-------------|---|---|
| 07.111.11 | 11,5 cm 4½" | ▲ | ■ |
| 07.111.13 | 13,0 cm 5" | ┃ | ■ |
| 07.111.14 | 14,5 cm 5¾" | ☾ | ■ |
| 07.111.15 | 15,5 cm 6¼" | ☾ | ■ |
| 07.111.16 | 16,5 cm 6½" | ☾ | ■ |
| 07.111.18 | 18,5 cm 7¼" | ☾ | ■ |
| 07.111.20 | 20,0 cm 8" | ☾ | ■ |

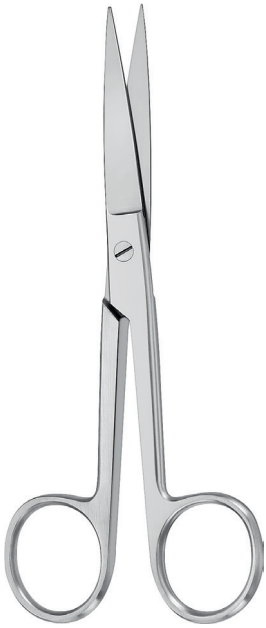


| | | | |
|-----------|-------------|---|---|
| 07.114.14 | 14,5 cm 5¾" | ▲ | ■ |
| 07.114.16 | 16,5 cm 6½" | ┃ | ■ |

| | | | |
|-----------|-------------|---|---|
| 07.115.14 | 14,5 cm 5¾" | ▲ | ■ |
| 07.115.16 | 16,5 cm 6½" | ☾ | ■ |



SCHEREN
SCISSORS



| | | |
|-----------|-------------|---|
| 08.120.10 | 10,5 cm 4¼" | ▲ |
| 08.120.11 | 11,5 cm 4½" | ▲ |
| 08.120.13 | 13,0 cm 5" | ▲ |
| 08.120.14 | 14,5 cm 5¾" | ▲ |
| 08.120.15 | 15,5 cm 6¼" | ▲ |
| 08.120.16 | 16,5 cm 6½" | ▲ |
| 08.120.18 | 18,5 cm 7¼" | ▲ |
| 08.120.20 | 20,0 cm 8" | ▲ |
| 08.120.30 | 30,0 cm 12" | ▲ |

| | | |
|-----------|-------------|---|
| 08.121.10 | 10,5 cm 4¼" | ▲ |
| 08.121.11 | 11,5 cm 4½" | ◐ |
| 08.121.13 | 13,0 cm 5" | ◐ |
| 08.121.14 | 14,5 cm 5¾" | ▲ |
| 08.121.15 | 15,5 cm 6¼" | ▲ |
| 08.121.16 | 16,5 cm 6½" | ▲ |
| 08.121.18 | 18,5 cm 7¼" | ▲ |
| 08.121.20 | 20,0 cm 8" | ▲ |
| 08.121.30 | 30,0 cm 12" | ▲ |



| | | | |
|-----------|-------------|---|---|
| 08.124.14 | 14,5 cm 5¾" | ▲ | ■ |
| 08.124.16 | 16,5 cm 6½" | ▲ | ■ |
| 08.124.18 | 18,5 cm 7¼" | ▲ | ■ |

| | | | |
|-----------|-------------|---|---|
| 08.125.14 | 14,5 cm 5¾" | ▲ | ■ |
| 08.125.16 | 16,5 cm 6½" | ▲ | ■ |
| 08.125.18 | 18,5 cm 7¼" | ▲ | ■ |



| | | | |
|-----------|-------------|---|---|
| 07.120.10 | 10,5 cm 4¼" | ▲ | ■ |
| 07.120.11 | 11,5 cm 4½" | ▲ | ■ |
| 07.120.13 | 13,0 cm 5" | ▲ | ■ |
| 07.120.14 | 14,5 cm 5¾" | ▲ | ■ |
| 07.120.15 | 15,5 cm 6¼" | ▲ | ■ |
| 07.120.16 | 16,5 cm 6½" | ▲ | ■ |
| 07.120.18 | 18,5 cm 7¼" | ▲ | ■ |
| 07.120.20 | 20,0 cm 8" | ▲ | ■ |

| | | | |
|-----------|-------------|---|---|
| 07.121.10 | 10,5 cm 4¼" | ▲ | ■ |
| 07.121.11 | 11,5 cm 4½" | ▲ | ■ |
| 07.121.13 | 13,0 cm 5" | ◐ | ■ |
| 07.121.14 | 14,5 cm 5¾" | ▲ | ■ |
| 07.121.15 | 15,5 cm 6¼" | ▲ | ■ |
| 07.121.16 | 16,5 cm 6½" | ▲ | ■ |
| 07.121.18 | 18,5 cm 7¼" | ▲ | ■ |
| 07.121.20 | 20,0 cm 8" | ▲ | ■ |



| | | | |
|-----------|-------------|---|---|
| 07.124.14 | 14,5 cm 5¾" | ▲ | ■ |
| 07.124.16 | 16,5 cm 6½" | ▲ | ■ |

| | | | |
|-----------|-------------|---|---|
| 07.125.14 | 14,5 cm 5¾" | ▲ | ■ |
| 07.125.16 | 16,5 cm 6½" | ▲ | ■ |



Präparierscheren
Dissecting scissors

03



MAYO

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 08.160.14 | 14,5 cm 5¾" | I | 08.161.14 | 14,5 cm 5¾" | D |
| 08.160.15 | 15,5 cm 6¼" | | 08.161.15 | 15,5 cm 6¼" | |
| 08.160.17 | 17,0 cm 6¾" | | 08.161.17 | 17,0 cm 6¾" | |
| 08.160.19 | 19,0 cm 7½" | | 08.161.19 | 19,0 cm 7½" | |
| 08.160.23 | 23,0 cm 9" | | 08.161.23 | 23,0 cm 9" | |
| 08.160.28 | 28,0 cm 11" | | 08.161.28 | 28,0 cm 11" | |



MAYO

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 08.164.14 | 14,5 cm 5¾" | I | 08.165.14 | 14,5 cm 5¾" | D |
| 08.164.17 | 17,0 cm 6¾" | | 08.165.17 | 17,0 cm 6¾" | |
| 08.164.23 | 23,0 cm 9" | ■ | 08.165.23 | 23,0 cm 9" | ■ |



MAYO

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 07.160.14 | 14,5 cm 5¾" | I | 07.161.14 | 14,5 cm 5¾" | D |
| 07.160.17 | 17,0 cm 6¾" | | 07.161.17 | 17,0 cm 6¾" | |
| 07.160.23 | 23,0 cm 9" | ■ | 07.161.23 | 23,0 cm 9" | ■ |



MAYO

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 07.164.14 | 14,5 cm 5¾" | I | 07.165.14 | 14,5 cm 5¾" | D |
| 07.164.17 | 17,0 cm 6¾" | | 07.165.17 | 17,0 cm 6¾" | |
| 07.164.23 | 23,0 cm 9" | ■ | 07.165.23 | 23,0 cm 9" | ■ |



SCHEREN
SCISSORS



METZENBAUM

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 08.210.11 | 11,5 cm 4½" | I | 08.211.11 | 11,5 cm 5¾" | ☺ |
| 08.280.14 | 14,0 cm 5½" | | 08.281.14 | 14,0 cm 6¼" | |
| 08.280.15 | 14,5 cm 5¾" | | 08.281.15 | 14,5 cm 6¾" | |
| 08.280.18 | 18,0 cm 7" | | 08.281.18 | 18,0 cm 7" | |
| 08.280.20 | 20,0 cm 8" | | 08.281.20 | 20,0 cm 8" | |
| 08.280.23 | 23,0 cm 9" | | 08.281.23 | 23,0 cm 9" | |
| 08.280.25 | 25,0 cm 10" | | 08.281.25 | 25,0 cm 10" | |
| 08.280.28 | 28,0 cm 11" | | 08.281.28 | 28,0 cm 11" | |
| 08.280.30 | 30,0 cm 12" | | 08.281.30 | 30,0 cm 12" | |



METZENBAUM

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 08.284.11 | 11,5 cm 4½" | I | 08.285.11 | 11,5 cm 5¾" | ☺ |
| 08.284.15 | 14,5 cm 5¾" | | 08.285.15 | 14,5 cm 6¾" | |
| 08.284.18 | 18,0 cm 7" | ■ | 08.285.18 | 18,0 cm 7" | ■ |
| 08.284.20 | 20,0 cm 8" | | 08.285.20 | 20,0 cm 8" | |
| 08.284.23 | 23,0 cm 9" | | 08.285.23 | 23,0 cm 9" | |
| 08.284.25 | 25,0 cm 10" | | 08.285.25 | 25,0 cm 10" | |
| 08.284.28 | 28,0 cm 11" | | 08.285.28 | 28,0 cm 11" | |
| 08.284.30 | 30,0 cm 12" | | 08.285.30 | 30,0 cm 12" | |



METZENBAUM

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 07.280.11 | 11,5 cm 4½" | I | 07.281.11 | 11,5 cm 5¾" | ☺ |
| 07.280.15 | 14,5 cm 5¾" | | 07.281.15 | 14,5 cm 6¾" | |
| 07.280.18 | 18,0 cm 7" | ■ | 07.281.18 | 18,0 cm 7" | ■ |
| 07.280.20 | 20,0 cm 8" | | 07.281.20 | 20,0 cm 8" | |
| 07.280.23 | 23,0 cm 9" | | 07.281.23 | 23,0 cm 9" | |
| 07.280.25 | 25,0 cm 10" | | 07.281.25 | 25,0 cm 10" | |
| 07.280.28 | 28,0 cm 11" | | 07.281.28 | 28,0 cm 11" | |
| 07.280.30 | 30,0 cm 12" | | 07.281.30 | 30,0 cm 12" | |



METZENBAUM

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 07.284.11 | 11,5 cm 4½" | I | 07.285.11 | 11,5 cm 5¾" | ☺ |
| 07.284.15 | 14,5 cm 5¾" | | 07.285.15 | 14,5 cm 6¾" | |
| 07.284.18 | 18,0 cm 7" | ■ | 07.285.18 | 18,0 cm 7" | ■ |
| 07.284.20 | 20,0 cm 8" | | 07.285.20 | 20,0 cm 8" | |
| 07.284.23 | 23,0 cm 9" | | 07.285.23 | 23,0 cm 9" | |
| 07.284.25 | 25,0 cm 10" | | 07.285.25 | 25,0 cm 10" | |
| 07.284.28 | 28,0 cm 11" | | 07.285.28 | 28,0 cm 11" | |
| 07.284.30 | 30,0 cm 12" | | 07.285.30 | 30,0 cm 12" | |



METZENBAUM FINO

| | | |
|-----------|-------------|---|
| 08.282.15 | 14,5 cm 5¾" | I |
| 08.282.18 | 18,0 cm 7" | |
| 08.282.20 | 20,0 cm 8" | |
| 08.282.23 | 23,0 cm 9" | |
| 08.282.25 | 25,0 cm 10" | |
| 08.282.28 | 28,0 cm 11" | |

| | | |
|-----------|-------------|---|
| 08.283.15 | 14,5 cm 5¾" | C |
| 08.283.18 | 18,0 cm 7" | |
| 08.283.20 | 20,0 cm 8" | |
| 08.283.23 | 23,0 cm 9" | |
| 08.283.25 | 25,0 cm 10" | |
| 08.283.28 | 28,0 cm 11" | |



METZENBAUM FINO

| | | |
|-----------|-------------|---|
| 08.286.15 | 14,5 cm 5¾" | I |
| 08.286.18 | 18,0 cm 7" | |
| 08.286.20 | 20,0 cm 8" | ■ |
| 08.286.23 | 23,0 cm 9" | |
| 08.286.25 | 25,0 cm 10" | |
| 08.286.28 | 28,0 cm 11" | |

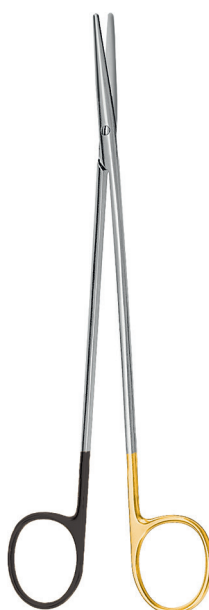
| | | |
|-----------|-------------|---|
| 08.287.15 | 14,5 cm 5¾" | C |
| 08.287.18 | 18,0 cm 7" | |
| 08.287.20 | 20,0 cm 8" | ■ |
| 08.287.23 | 23,0 cm 9" | |
| 08.287.25 | 25,0 cm 10" | |
| 08.287.28 | 28,0 cm 11" | |



METZENBAUM FINO

| | | |
|-----------|-------------|---|
| 07.282.15 | 14,5 cm 5¾" | I |
| 07.282.18 | 18,0 cm 7" | |
| 07.282.20 | 20,0 cm 8" | ■ |
| 07.282.23 | 23,0 cm 9" | |
| 07.282.25 | 25,0 cm 10" | |
| 07.282.28 | 28,0 cm 11" | |

| | | |
|-----------|-------------|---|
| 07.283.15 | 14,5 cm 5¾" | C |
| 07.283.18 | 18,0 cm 7" | |
| 07.283.20 | 20,0 cm 8" | ■ |
| 07.283.23 | 23,0 cm 9" | |
| 07.283.25 | 25,0 cm 10" | |
| 07.283.28 | 28,0 cm 11" | |



METZENBAUM FINO

| | | |
|-----------|-------------|---|
| 07.286.15 | 14,5 cm 5¾" | I |
| 07.286.18 | 18,0 cm 7" | |
| 07.286.20 | 20,0 cm 8" | ■ |
| 07.286.23 | 23,0 cm 9" | |
| 07.286.25 | 25,0 cm 10" | |
| 07.286.28 | 28,0 cm 11" | |

| | | |
|-----------|-------------|---|
| 07.287.15 | 14,5 cm 5¾" | C |
| 07.287.18 | 18,0 cm 7" | |
| 07.287.20 | 20,0 cm 8" | ■ |
| 07.287.23 | 23,0 cm 9" | |
| 07.287.25 | 25,0 cm 10" | |
| 07.287.28 | 28,0 cm 11" | |



SCHEREN
SCISSORS

● **Irisscheren**
Iris scissors



| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 08.340.09 | 9,0 cm 3½" | I | 08.341.09 | 9,0 cm 3½" | ☺ |
| 08.340.10 | 10,5 cm 4¼" | | 08.341.10 | 10,5 cm 4¼" | |
| 08.340.11 | 11,5 cm 4½" | | 08.341.11 | 11,5 cm 4½" | |
| 08.340.12 | 12,5 cm 5" | | 08.341.12 | 12,5 cm 5" | |



| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 08.344.09 | 9,0 cm 3½" | I | 08.345.09 | 9,0 cm 3½" | ☺ |
| 08.344.10 | 10,5 cm 4¼" | | 08.345.10 | 10,5 cm 4¼" | |
| 08.344.11 | 11,5 cm 4½" | ■ | 08.345.11 | 11,5 cm 4½" | ■ |



| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 07.340.09 | 9,0 cm 3½" | I | 07.341.09 | 9,0 cm 3½" | ☺ |
| 07.340.10 | 10,5 cm 4¼" | | 07.341.10 | 10,5 cm 4¼" | |
| 07.340.11 | 11,5 cm 4½" | ■ | 07.341.11 | 11,5 cm 4½" | ■ |



| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 07.344.09 | 9,0 cm 3½" | I | 07.345.09 | 9,0 cm 3½" | ☺ |
| 07.344.10 | 10,5 cm 4¼" | ■ | 07.345.10 | 10,5 cm 4¼" | ■ |
| 07.344.11 | 11,5 cm 4½" | ■ | 07.345.11 | 11,5 cm 4½" | ■ |



◆ Tenotomiescheren
Tenotomy scissors



STEVENS

- 08.360.11 10,5 cm 4¼" ▲ |
- 08.361.11 10,5 cm 4¼" ▲ ☺
- 08.362.11 10,5 cm 4¼" ▲ |
- 08.363.11 10,5 cm 4¼" ▲ ☺



STEVENS

- 08.360.10 10,5 cm 4¼" ▲ | ■
- 08.361.10 10,5 cm 4¼" ▲ ☺ ■
- 08.362.10 10,5 cm 4¼" ▲ | ■
- 08.363.10 10,5 cm 4¼" ▲ ☺ ■



STEVENS

- 08.364.10 10,5 cm 4¼" ▲ |
- 08.365.10 10,5 cm 4¼" ▲ ☺
- 08.366.10 10,5 cm 4¼" ▲ |
- 08.367.10 10,5 cm 4¼" ▲ ☺

◆ Strabismusscheren
Strabismus scissors



STEVENS

- 07.360.11 10,5 cm 4¼" ▲ | ▽
- 07.361.11 10,5 cm 4¼" ▲ ☺ ▽
- 07.362.11 10,5 cm 4¼" ▲ | ▽
- 07.363.11 10,5 cm 4¼" ▲ ☺ ▽



- 08.370.11 11,0 cm 4¼" |
- 08.371.11 11,0 cm 4¼" ☺





- 08.374.11 11,0 cm 4¼" | ■
- 08.375.11 11,0 cm 4¼" ☺ ■





SCHEREN
SCISSORS

● **Knorpelschere**
Cartilage scissors




07.370.11 11,0 cm 4¼" 
07.371.11 11,0 cm 4¼" 



07.374.11 11,0 cm 4¼" 
07.375.11 11,0 cm 4¼" 



MARTIN
08.615.20 20,0 cm 8" 

● **Ligaturscheren**
Stitch scissors



SPENCER
08.802.09 9,0 cm 3½"
08.802.11 11,0 cm 4¼"
08.802.12 12,0 cm 4¾"
08.802.15 15,0 cm 6"



SHORTBENT
08.803.09 9,0 cm 3½"

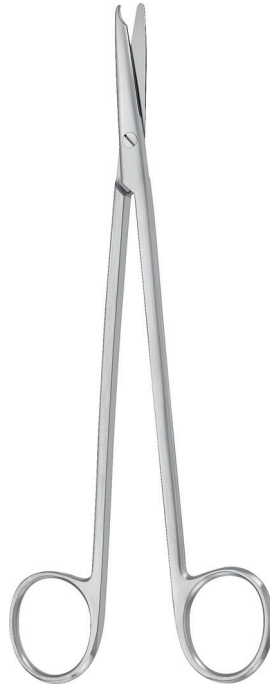


NORTHBENT
08.803.13 13,0 cm 5"



LITTAUER

08.804.14 14,0 cm 5½"



BUCK

08.806.14 14,5 cm 5¾"
08.806.18 18,0 cm 7"



HEATH

08.809.15 15,0 cm 6"

● Draht- und Blechscheren
Wire and plate scissors



UNIVERSAL

08.831.12 12,0 cm 4¾"

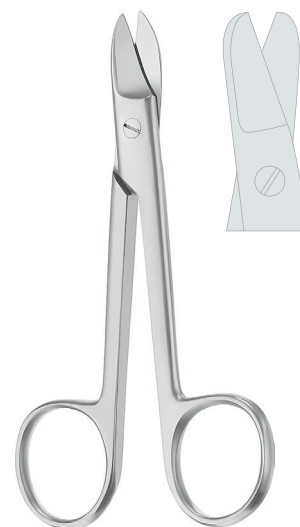
08.835.12 12,0 cm 4¾"



BEEBE

08.850.10 10,5 cm 4¼"

08.851.10 10,5 cm 4¼"



BEEBE

08.852.10 10,5 cm 4¼"

08.853.10 10,5 cm 4¼"



SCHEREN
SCISSORS

● **Verbandscheren**
Bandage scissors



LISTER

| | | | | |
|-----------|------------|-----------|-------------|---|
| 08.903.18 | 18,0 cm 7" | 08.905.14 | 14,0 cm 5½" | ■ |
| 08.903.20 | 20,0 cm 8" | 08.905.18 | 18,0 cm 7" | |
| | | 08.905.20 | 20,0 cm 8" | |



KNOWLES

| | |
|-----------|-------------|
| 08.930.14 | 14,0 cm 5½" |
|-----------|-------------|



BRUNS

| | | |
|-----------|------------|---|
| 08.935.23 | 23,0 cm 9" | |
| 08.939.23 | 23,0 cm 9" | ■ |

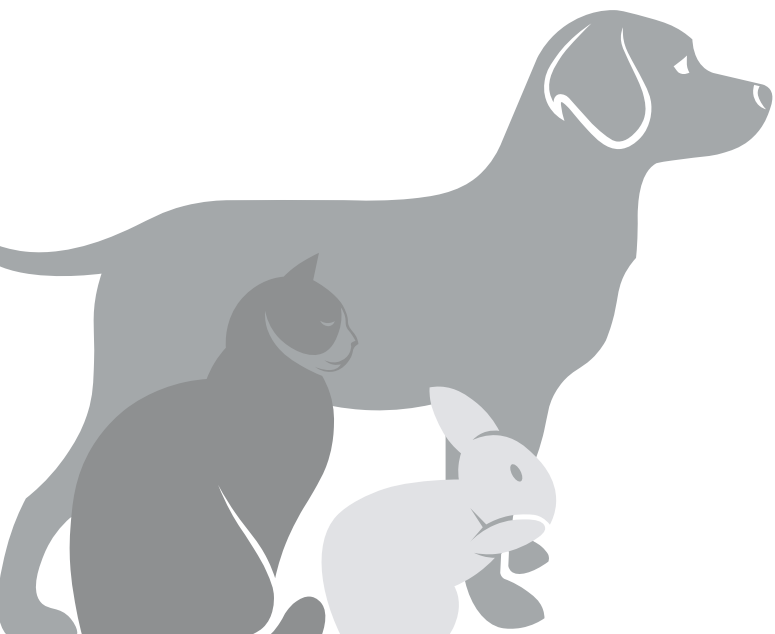


UNIVERSAL

| | | | | | |
|------------|------------|-----------------|------------|------------|-----------------|
| 08.950.15 | 15,0 cm 6" | schwarz black | 08.950.18 | 18,0 cm 7" | schwarz black |
| 08.950.15B | 15,0 cm 6" | blau blue | 08.950.18B | 18,0 cm 7" | blau blue |
| 08.950.15G | 15,0 cm 6" | grün green | 08.950.18G | 18,0 cm 7" | grün green |
| 08.950.15R | 15,0 cm 6" | rot red | 08.950.18R | 18,0 cm 7" | rot red |
| 08.950.15Y | 15,0 cm 6" | gelb yellow | 08.950.18Y | 18,0 cm 7" | gelb yellow |
| 08.950.15W | 15,0 cm 6" | weiß white | 08.950.18W | 18,0 cm 7" | weiß white |

04

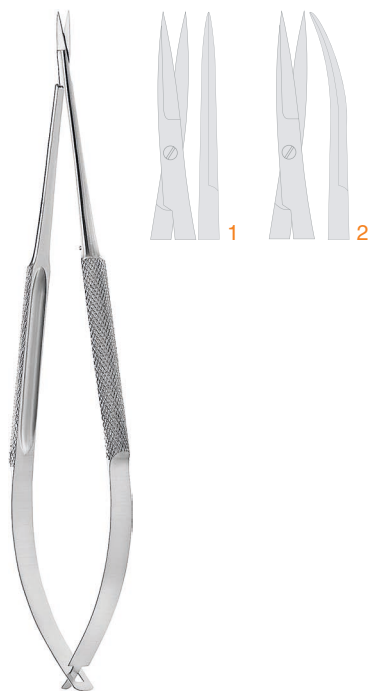
◆ MIKROSCHEREN
MICRO SCISSORS





MIKROSCHEREN

MICRO SCISSORS



| | | | | | | | |
|-----------|-------------|--|---|-----------|-------------|--|---|
| 09.220.14 | 14,5 cm 5¾" | | 1 | 09.221.14 | 14,5 cm 5¾" | | 2 |
| 09.220.18 | 18,0 cm 7" | | | 09.221.18 | 18,0 cm 7" | | |
| 09.220.23 | 23,0 cm 9" | | | 09.221.23 | 23,0 cm 9" | | |



| | | | |
|-----------|-------------|--|--|
| 09.223.14 | 14,5 cm 5¾" | | |
| 09.223.18 | 18,0 cm 7" | | |



| | | | | | | | |
|-----------|------------|------|---|-----------|------------|------|----|
| 09.224.25 | 18,0 cm 7" | 25° | 1 | 09.225.25 | 18,0 cm 7" | 25° | 6 |
| 09.224.45 | 18,0 cm 7" | 45° | 2 | 09.225.45 | 18,0 cm 7" | 45° | 7 |
| 09.224.60 | 18,0 cm 7" | 60° | 3 | 09.225.60 | 18,0 cm 7" | 60° | 8 |
| 09.224.90 | 18,0 cm 7" | 90° | 4 | 09.225.90 | 18,0 cm 7" | 90° | 9 |
| 09.225.00 | 18,0 cm 7" | 125° | 5 | 09.226.00 | 18,0 cm 7" | 125° | 10 |

► ein Blatt geknöpft
one probe-pointed blade



YASARGIL

| | | | | | | | |
|-----------|-------------|--|---|-----------|-------------|--|---|
| 09.250.16 | 16,5 cm 6½" | | 1 | 09.251.16 | 16,5 cm 6½" | | 2 |
| 09.250.20 | 20,0 cm 8" | | | 09.251.20 | 20,0 cm 8" | | |
| 09.250.22 | 22,5 cm 9" | | | 09.251.22 | 22,5 cm 9" | | |
| 09.253.20 | 20,0 cm 8" | | 3 | 09.251.24 | 24,5 cm 9¾" | | |
| 09.253.22 | 22,5 cm 9" | | | | | | |



YASARGIL

| | | | | | | | |
|-----------|------------|--|---|-----------|------------|--|---|
| 09.254.20 | 20,0 cm 8" | | 1 | 09.255.20 | 20,0 cm 8" | | 2 |
| 09.254.22 | 22,5 cm 9" | | | 09.255.22 | 22,5 cm 9" | | |



YASARGIL

| | | | | | | | |
|-----------|-------------|--|---|-----------|-------------|--|---|
| 09.260.12 | 12,0 cm 4¾" | | 1 | 09.261.12 | 12,0 cm 4¾" | | 2 |
| 09.260.16 | 16,0 cm 6¼" | | | 09.261.16 | 16,0 cm 6¼" | | |
| 09.260.18 | 18,0 cm 7" | | | 09.261.18 | 18,0 cm 7" | | |



VANNAS

| | | | | | | | |
|-----------|-------------|--|---|-----------|-------------|--|---|
| 09.262.12 | 12,0 cm 4¾" | | 1 | 09.263.12 | 12,0 cm 4¾" | | 2 |
| 09.262.16 | 16,0 cm 6¼" | | | 09.263.16 | 16,0 cm 6¼" | | |



| | | | | | | | |
|-----------|-------------|--|---|-----------|-------------|--|---|
| 09.266.18 | 18,5 cm 7¼" | | 1 | 09.267.18 | 18,5 cm 7¼" | | 2 |
|-----------|-------------|--|---|-----------|-------------|--|---|



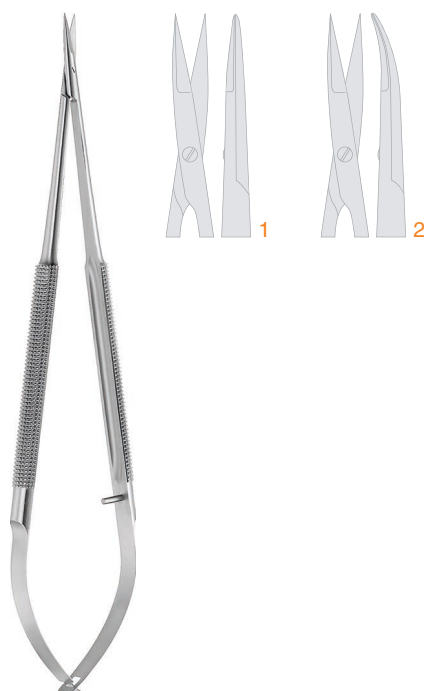
MIKROSCHEREN







MICRO SCISSORS







VANNAS

09.268.18 18,5 cm 7¼"  1 09.269.18 18,5 cm 7¼"  2



| | | | | | | | |
|-----------|-------------|---|---|-----------|-------------|---|---|
| 09.710.15 | 15,0 cm 6" |  | 1 | 09.711.15 | 15,0 cm 6" |  | 2 |
| 09.710.18 | 18,0 cm 7" |  | | 09.711.18 | 18,0 cm 7" |  | |
| 09.710.21 | 21,0 cm 8¼" |  | | 09.711.21 | 21,0 cm 8¼" |  | |
| 09.710.23 | 23,0 cm 9" | | | 09.711.23 | 23,0 cm 9" | | |



| | | | | | | | |
|-----------|-------------|---|---|-----------|-------------|---|---|
| 09.712.15 | 15,0 cm 6" |  | 1 | 09.713.15 | 15,0 cm 6" |  | 2 |
| 09.712.18 | 18,0 cm 7" | | | 09.713.18 | 18,0 cm 7" | | |
| 09.712.21 | 21,0 cm 8¼" |  | | 09.713.21 | 21,0 cm 8¼" |  | |
| 09.712.23 | 23,0 cm 9" | | | 09.713.23 | 23,0 cm 9" | | |

05

◆ PINZETTEN
FORCEPS





PINZETTEN
FORCEPS

● Pinzetten
Thumb and tissue forceps



| | |
|-----------|-------------|
| 10.102.11 | 11,5 cm 4½" |
| 10.102.13 | 13,0 cm 5" |
| 10.102.14 | 14,5 cm 5¾" |
| 10.102.16 | 16,0 cm 6¼" |
| 10.102.18 | 18,0 cm 7" |
| 10.102.20 | 20,0 cm 8" |
| 10.102.25 | 25,0 cm 10" |
| 10.102.30 | 30,0 cm 12" |



| | | |
|-----------|-------------|---|
| 10.110.11 | 11,5 cm 4½" | I |
| 10.110.13 | 13,0 cm 5" | |
| 10.110.14 | 14,5 cm 5¾" | |
| 10.110.16 | 16,0 cm 6¼" | |
| 10.110.18 | 18,0 cm 7" | |
| 10.110.20 | 20,0 cm 8" | |
| 10.110.25 | 25,0 cm 10" | |
| 10.110.30 | 30,0 cm 12" | |



POTTS-SMITH

| | |
|-----------|-------------|
| 10.112.18 | 18,0 cm 7" |
| 10.112.21 | 21,0 cm 8¼" |
| 10.112.25 | 25,0 cm 10" |
| 10.112.30 | 30,0 cm 12" |



POTTS-SMITH

| | | |
|-----------|-------------|-----|
| 10.126.18 | 18,0 cm 7" | W |
| 10.126.21 | 21,0 cm 8¼" | 1:2 |
| 10.126.25 | 25,0 cm 10" | |



| | | |
|-----------|-------------|-----|
| 10.120.11 | 11,5 cm 4½" | W |
| 10.120.13 | 13,0 cm 5" | 1:2 |
| 10.120.14 | 14,5 cm 5¾" | |
| 10.120.16 | 16,0 cm 6¼" | |
| 10.120.18 | 18,0 cm 7" | |
| 10.120.20 | 20,0 cm 8" | |
| 10.120.25 | 25,0 cm 10" | |
| 10.120.30 | 30,0 cm 12" | |



| | | |
|-----------|-------------|-----|
| 10.130.11 | 11,5 cm 4½" | I |
| 10.130.13 | 13,0 cm 5" | |
| 10.130.14 | 14,5 cm 5¾" | W |
| 10.130.16 | 16,0 cm 6¼" | 1:2 |
| 10.130.18 | 18,0 cm 7" | |
| 10.130.20 | 20,0 cm 8" | |
| 10.130.25 | 25,0 cm 10" | |
| 10.130.30 | 30,0 cm 12" | |



| | | |
|-----------|-------------|-----|
| 10.140.11 | 11,5 cm 4½" | W |
| 10.140.13 | 13,0 cm 5" | 2:3 |
| 10.140.14 | 14,5 cm 5¾" | |
| 10.140.16 | 16,0 cm 6¼" | |
| 10.140.18 | 18,0 cm 7" | |
| 10.140.20 | 20,0 cm 8" | |
| 10.140.25 | 25,0 cm 10" | |



| | | |
|-----------|-------------|-----|
| 10.150.13 | 13,0 cm 5" | W |
| 10.150.14 | 14,5 cm 5¾" | 3:4 |
| 10.150.16 | 16,0 cm 6¼" | |
| 10.150.20 | 20,0 cm 8" | |



ADSON

| | |
|-----------|-------------|
| 10.170.12 | 12,0 cm 4¾" |
| 10.170.15 | 15,0 cm 6" |

| | | |
|-----------|-------------|--|
| 10.174.12 | 12,0 cm 4¾" | |
| 10.174.15 | 15,0 cm 6" | |



ADSON

| | | |
|-----------|-------------|-----|
| 10.180.12 | 12,0 cm 4¾" | ☒ |
| 10.180.15 | 15,0 cm 6" | 1:2 |

| | | |
|-----------|-------------|-----|
| 10.184.12 | 12,0 cm 4¾" | ☒ |
| 10.184.15 | 15,0 cm 6" | 1:2 |



ADSON micro

| | |
|-----------|-------------|
| 10.176.12 | 12,0 cm 4¾" |
| 10.176.15 | 15,0 cm 6" |



ADSON micro

| | | |
|-----------|-------------|-----|
| 10.186.12 | 12,0 cm 4¾" | ☒ |
| 10.186.15 | 15,0 cm 6" | 1:2 |



ADSON-BROWN

| | | |
|-----------|-------------|-----|
| 10.188.12 | 12,0 cm 4¾" | ☒ |
| | | 7:7 |

| | | |
|-----------|-------------|-----|
| 10.189.12 | 12,0 cm 4¾" | ☒ |
| | | 9:9 |



FERRIS-SMITH

| | | |
|-----------|------------|-----|
| 10.246.18 | 18,0 cm 7" | ☒ |
| | | 1:2 |

| | | |
|-----------|------------|-----|
| 10.248.18 | 18,0 cm 7" | ☒ |
| | | 2:3 |



BONNEY

| | | |
|-----------|------------|-----|
| 10.253.18 | 17,5 cm 7" | ☒ |
| | | 1:2 |

| | | |
|-----------|------------|-----|
| 10.254.18 | 17,5 cm 7" | ☒ |
| | | 2:3 |



RUSSIAN PATTERN

| | |
|-----------|-------------|
| 10.256.15 | 15,0 cm 6" |
| 10.256.20 | 20,0 cm 8" |
| 10.256.25 | 25,0 cm 10" |



PINZETTEN
FORCEPS




GERALD

10.302.18 18,0 cm 7"
10.302.23 23,0 cm 9"



GERALD

10.310.18 18,0 cm 7"
10.310.23 23,0 cm 9"  1:2




GERALD

10.303.18 18,0 cm 7"



GERALD

10.311.18 18,0 cm 7"  1:2

◆ **Uhrmacher-Pinzetten**
Jeweller forceps



N° 1

10.332.01 12,0 cm 4¾"



N° 3

10.330.12 12,0 cm 4¾"



N° 3C

10.330.31 11,0 cm 4¼" 



N° 4

10.332.04 11,0 cm 4¼"



N° 5

10.332.05 11,0 cm 4¼"



N° 5

10.332.45 11,0 cm 4¼"



N° 5A

10.333.05 11,0 cm 4¼"



N° 6

10.332.15 11,0 cm 4¼"



◆ Splitterpinzetten
Splinter forceps



| | |
|-----------|-------------|
| 10.802.09 | 9,0 cm 3½" |
| 10.802.10 | 10,5 cm 4¼" |
| 10.802.11 | 11,5 cm 4½" |



CARMALT

| | |
|-----------|-------------|
| 10.816.10 | 10,5 cm 4¼" |
|-----------|-------------|



CARMALT

| | |
|-----------|-------------|
| 10.817.10 | 10,5 cm 4¼" |
|-----------|-------------|

05

◆ Atraumatische Pinzetten
Atraumatic tissue forceps



DE BAKEY

| | | | | | |
|-----------|-------------|--------|-----------|-------------|--------|
| 11.306.16 | 16,0 cm 6¼" | 1,5 mm | 11.304.16 | 16,0 cm 6¼" | 2,7 mm |
| 11.306.20 | 20,0 cm 8" | 1,5 mm | 11.304.20 | 20,0 cm 8" | 2,7 mm |
| 11.306.24 | 24,0 cm 9½" | 1,5 mm | 11.304.24 | 24,0 cm 9½" | 2,7 mm |
| 11.306.30 | 30,0 cm 12" | 1,5 mm | 11.304.30 | 30,0 cm 12" | 2,7 mm |

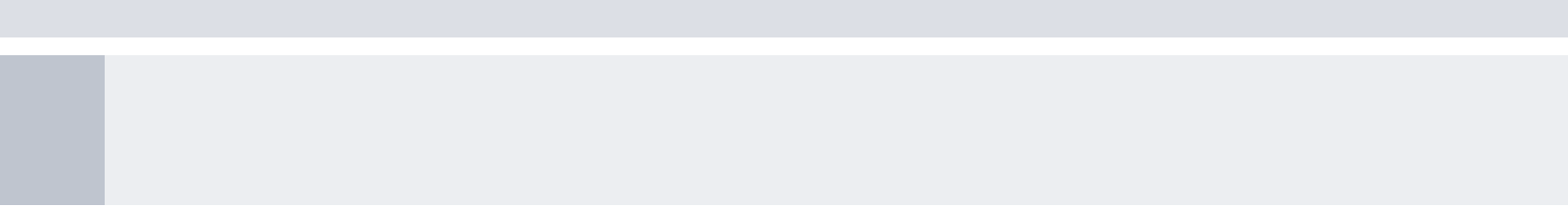
| | | | | | |
|-----------|-------------|--------|-----------|-------------|--------|
| 11.308.16 | 16,0 cm 6¼" | 2,0 mm | 11.310.16 | 16,0 cm 6¼" | 3,5 mm |
| 11.308.20 | 20,0 cm 8" | 2,0 mm | 11.310.20 | 20,0 cm 8" | 3,5 mm |
| 11.308.24 | 24,0 cm 9½" | 2,0 mm | 11.310.24 | 24,0 cm 9½" | 3,5 mm |
| 11.308.30 | 30,0 cm 12" | 2,0 mm | 11.310.30 | 30,0 cm 12" | 3,5 mm |



DE BAKEY

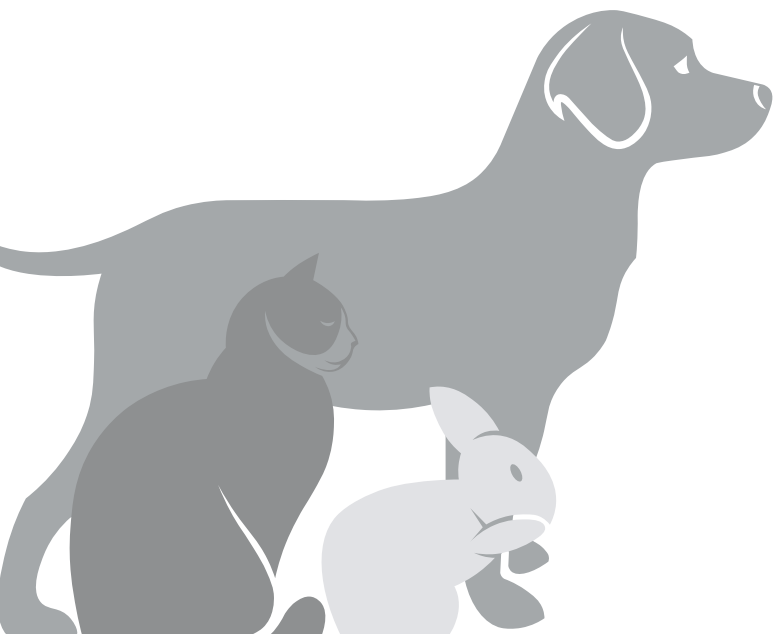
| | | |
|-----------|-------------|--------|
| 11.309.16 | 16,0 cm 6¼" | 2,0 mm |
| 11.309.20 | 20,0 cm 8" | 2,0 mm |
| 11.309.24 | 24,0 cm 9½" | 2,0 mm |
| 11.309.30 | 30,0 cm 12" | 2,0 mm |

| | | |
|-----------|-------------|--------|
| 11.333.15 | 15,0 cm 6" | 2,7 mm |
| 11.333.20 | 19,5 cm 7¾" | 2,7 mm |
| 11.333.24 | 24,0 cm 9½" | 2,7 mm |
| 11.333.30 | 30,0 cm 12" | 2,7 mm |



06

◆ ARTERIENKLEMMEN
HEMOSTATIC FORCEPS





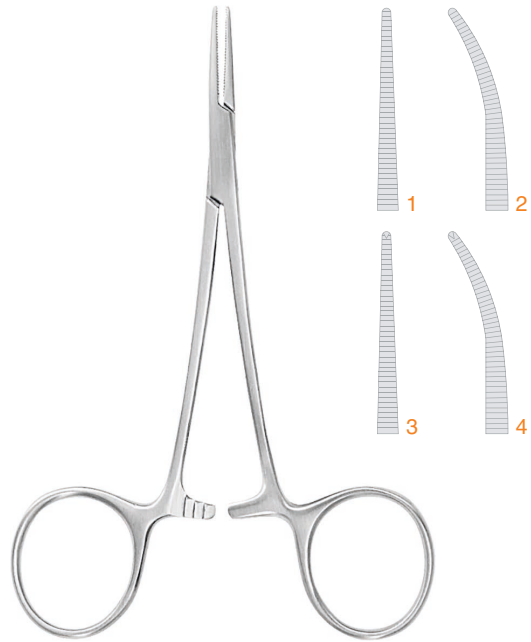
ARTERIENKLEMMEN HEMOSTATIC FORCEPS

Arterienklemmen Hemostatic forceps



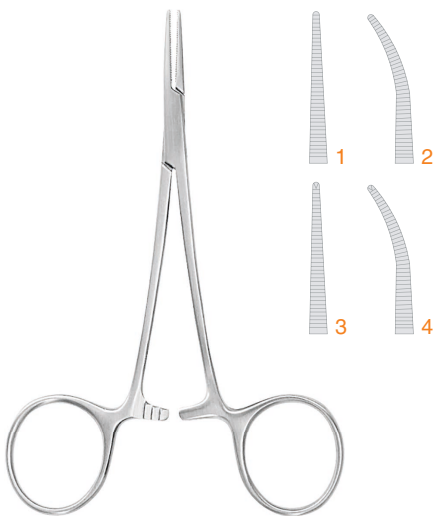
HARTMANN

| | | | | | |
|-----------|------------|-----|-----------|------------|-----|
| 12.210.10 | 10,0 cm 4" | 1 | 12.211.10 | 10,0 cm 4" | 2 |
| 12.212.10 | 10,0 cm 4" | 3 | 12.213.10 | 10,0 cm 4" | 4 |
| | | 1:2 | | | 1:2 |



HALSTED-MOSQUITO

| | | | | | |
|-----------|-------------|-----|-----------|-------------|-----|
| 12.220.12 | 12,5 cm 5" | 1 | 12.221.12 | 12,5 cm 5" | 2 |
| 12.220.14 | 14,0 cm 5½" | | 12.221.14 | 14,0 cm 5½" | |
| 12.220.18 | 18,0 cm 7" | | 12.221.18 | 18,0 cm 7" | |
| 12.220.21 | 21,0 cm 8¼" | | 12.221.21 | 21,0 cm 8¼" | |
| 12.230.12 | 12,5 cm 5" | 3 | 12.231.12 | 12,5 cm 5" | 4 |
| 12.230.14 | 14,0 cm 5½" | 1:2 | 12.231.14 | 14,0 cm 5½" | 1:2 |
| 12.230.18 | 18,0 cm 7" | | 12.231.18 | 18,0 cm 7" | |
| 12.230.21 | 21,0 cm 8¼" | | 12.231.21 | 21,0 cm 8¼" | |



HALSTED-MOSQUITO micro

| | | | | | |
|-----------|------------|-----|-----------|------------|-----|
| 12.222.10 | 10,0 cm 4" | 1 | 12.223.10 | 10,0 cm 4" | 2 |
| 12.222.12 | 12,5 cm 5" | | 12.223.12 | 12,5 cm 5" | |
| 12.232.10 | 10,0 cm 4" | 3 | 12.233.10 | 10,0 cm 4" | 4 |
| 12.232.12 | 12,5 cm 5" | 1:2 | 12.233.12 | 12,5 cm 5" | 1:2 |



KELLY

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 12.240.14 | 14,0 cm 5½" | 1 | 12.241.14 | 14,0 cm 5½" | 2 |
|-----------|-------------|---|-----------|-------------|---|



KELLY-RANKIN

12.242.16 16,0 cm 6¼" 1 12.243.16 16,0 cm 6¼" 2



PROVIDENCE-HOSPITAL

12.270.14 14,0 cm 5½" 1 12.271.14 14,0 cm 5½" 2



CRILE

12.250.14 14,5 cm 5¾" 1 12.251.14 14,5 cm 5¾" 2
12.260.14 14,5 cm 5¾" 3 12.261.14 14,5 cm 5¾" 4

1:2

1:2



CRILE-RANKIN

12.262.16 16,0 cm 6¼" 1 12.263.16 16,0 cm 6¼" 2
12.264.16 16,0 cm 6¼" 1 12.265.16 16,0 cm 6¼" 2

1:2

1:2



ARTERIENKLEMMEN HEMOSTATIC FORCEPS



ROCHESTER-PEAN

| | | | | | |
|-----------|--------------|---|-----------|--------------|---|
| 12.310.14 | 14,0 cm 5½" | 1 | 12.311.14 | 14,0 cm 5½" | 2 |
| 12.310.16 | 16,0 cm 6¼" | | 12.311.16 | 16,0 cm 6¼" | |
| 12.310.18 | 18,0 cm 7" | | 12.311.18 | 18,0 cm 7" | |
| 12.310.20 | 20,0 cm 8" | | 12.311.20 | 20,0 cm 8" | |
| 12.310.22 | 22,0 cm 8¾" | | 12.311.22 | 22,0 cm 8¾" | |
| 12.310.24 | 24,0 cm 9½" | | 12.311.24 | 24,0 cm 9½" | |
| 12.310.26 | 26,0 cm 10¼" | | 12.311.26 | 26,0 cm 10¼" | |
| 12.310.30 | 30,0 cm 12" | | 12.311.30 | 30,0 cm 12" | |



ROCHESTER-OCHSNER

| | | | | | |
|-----------|--------------|-----|-----------|--------------|-----|
| 12.320.14 | 14,0 cm 5½" | 1 | 12.321.14 | 14,0 cm 5½" | 2 |
| 12.320.16 | 16,0 cm 6¼" | 1:2 | 12.321.16 | 16,0 cm 6¼" | 1:2 |
| 12.320.18 | 18,0 cm 7" | | 12.321.18 | 18,0 cm 7" | |
| 12.320.20 | 20,0 cm 8" | | 12.321.20 | 20,0 cm 8" | |
| 12.320.22 | 22,0 cm 8¾" | | 12.321.22 | 22,0 cm 8¾" | |
| 12.320.24 | 24,0 cm 9½" | | 12.321.24 | 24,0 cm 9½" | |
| 12.320.26 | 26,0 cm 10¼" | | 12.321.26 | 26,0 cm 10¼" | |
| 12.320.30 | 30,0 cm 12" | | 12.321.30 | 30,0 cm 12" | |



ROCHESTER-CARMALT

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 12.340.16 | 16,0 cm 6¼" | 1 | 12.341.16 | 16,0 cm 6¼" | 2 |
| 12.340.20 | 20,0 cm 8" | | 12.341.20 | 20,0 cm 8" | |



ADSON

| | | | | | |
|-----------|-------------|-----|-----------|-------------|-------|
| 12.410.18 | 18,5 cm 7¼" | 1 | 12.411.18 | 18,5 cm 7¼" | 2 |
| 12.412.18 | 18,5 cm 7¼" | 1:2 | 12.413.18 | 18,5 cm 7¼" | 2:1:2 |



MIXTER

| | |
|-----------|-------------|
| 12.471.14 | 14,0 cm 5½" |
| 12.471.16 | 16,0 cm 6¼" |
| 12.471.18 | 18,0 cm 7" |
| 12.471.23 | 23,0 cm 9" |



GEMINI

| | |
|-----------|-------------|
| 12.431.13 | 13,0 cm 5" |
| 12.431.16 | 16,0 cm 6¼" |
| 12.431.18 | 18,0 cm 7" |
| 12.431.20 | 20,0 cm 8" |
| 12.431.23 | 23,0 cm 9" |
| 12.431.25 | 25,0 cm 10" |
| 12.431.28 | 28,0 cm 11" |



GEMINI mini

| | |
|-----------|-------------|
| 12.433.18 | 18,0 cm 7" |
| 12.433.22 | 22,0 cm 8¼" |
| 12.433.25 | 25,0 cm 10" |
| 12.433.28 | 28,0 cm 11" |

◆ **Kropffasszange**
Goitre seizing forceps forceps



LAHEY

| | |
|-----------|------------|
| 54.520.15 | 15,0 cm 6" |
| 54.520.20 | 20,0 cm 8" |

◆ **Darm- und Gewebefasszangen**
Intestinal and tissue grasping forceps



ALLIS-BABY


| | |
|-----------|-------------|
| 64.102.13 | 13,0 cm 5" |
| 64.102.14 | 14,0 cm 5½" |




FASSZANGEN
GRASPING FORCEPS



ALLIS

| | | |
|-----------|-------------|--|
| 64.110.15 | 15,0 cm 6" |  4:5 |
| 64.110.19 | 19,0 cm 7½" | |
| 64.110.25 | 25,0 cm 10" | |

| | | |
|-----------|-------------|--|
| 64.120.15 | 15,0 cm 6" |  5:6 |
| 64.120.19 | 19,0 cm 7½" | |
| 64.120.22 | 22,0 cm 8¾" | |
| 64.120.24 | 24,0 cm 9½" | |
| 64.120.30 | 30,0 cm 12" | |



ALLIS atrauma

| | | |
|-----------|-------------|--|
| 64.124.16 | 16,0 cm 6¼" |  |
| 64.124.20 | 20,0 cm 8" | |
| 64.124.25 | 25,0 cm 10" | |
| 64.124.30 | 30,0 cm 12" | |



THOMS-ALLIS

| | | |
|-----------|------------|--|
| 64.150.20 | 20,0 cm 8" |  5:6 |
|-----------|------------|--|




BABCOCK

| | |
|-----------|-------------|
| 64.160.16 | 16,0 cm 6¼" |
| 64.160.18 | 18,0 cm 7" |
| 64.160.20 | 20,0 cm 8" |
| 64.160.24 | 24,0 cm 9½" |




BABCOCK

| | | |
|-----------|-------------|---|
| 64.164.16 | 16,0 cm 6¼" |  |
| 64.164.20 | 20,0 cm 8" | |



BABCOCK atrauma

| | | |
|-----------|-------------|---|
| 64.168.16 | 16,0 cm 6¼" |  |
| 64.168.20 | 20,0 cm 8" | |



◆ Darmklemmen
Intestinal forceps

◆ Tuchklemmen
Intestinal forceps



DOYEN

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 64.210.18 | 18,0 cm 7" | 1 | 64.211.18 | 18,0 cm 7" | 2 |
| 64.210.21 | 21,0 cm 8¼" | | 64.211.21 | 21,0 cm 8¼" | |
| 64.210.23 | 23,0 cm 9" | | 64.211.23 | 23,0 cm 9" | |



SCHAEDEL

| | |
|-----------|------------|
| 14.101.09 | 9,0 cm 3½" |
|-----------|------------|



JONES

| | |
|-----------|------------|
| 14.103.05 | 5,0 cm 2" |
| 14.103.09 | 9,0 cm 3½" |



BACKHAUS

| | |
|-----------|-------------|
| 14.111.09 | 9,0 cm 3½" |
| 14.111.11 | 11,0 cm 4¼" |
| 14.111.13 | 13,0 cm 5" |
| 14.111.15 | 15,0 cm 6" |



PEERS BERTRAM

| | |
|-----------|-------------|
| 14.118.14 | 14,0 cm 5½" |
|-----------|-------------|

▶ weites Maul zur Schlauchfixierung
wide jaw for tube fixation



LORNA

| | |
|-----------|-------------|
| 14.121.09 | 9,0 cm 3½" |
| 14.121.10 | 10,0 cm 4" |
| 14.121.11 | 11,0 cm 4¼" |
| 14.121.13 | 13,0 cm 5" |

▶ weites Maul zur Schlauchfixierung
wide jaw for tube fixation



TUPFER- UND SCHWAMMZANGEN

DRESSING AND SPONGE HOLDING FORCEPS

● Tupferzangen Dressing forceps



GROSS-MAIER

| | | | | | |
|-----------|--------------|---|-----------|--------------|---|
| 16.110.14 | 14,0 cm 5½" | 1 | 16.111.14 | 14,0 cm 5½" | 2 |
| 16.110.18 | 18,0 cm 7" | | 16.111.18 | 18,0 cm 7" | |
| 16.110.20 | 20,0 cm 8" | | 16.111.20 | 20,0 cm 8" | |
| 16.110.22 | 22,0 cm 8¾" | | 16.111.22 | 22,0 cm 8¾" | |
| 16.110.25 | 25,0 cm 10" | | 16.111.25 | 25,0 cm 10" | |
| 16.110.27 | 27,0 cm 10¾" | | 16.111.27 | 27,0 cm 10¾" | |
| 16.110.36 | 36,0 cm 14" | | 16.111.36 | 36,0 cm 14" | |
| 16.110.40 | 40,0 cm 15¾" | | 16.111.40 | 40,0 cm 15¾" | |

● Schwammzangen Sponge holding forceps

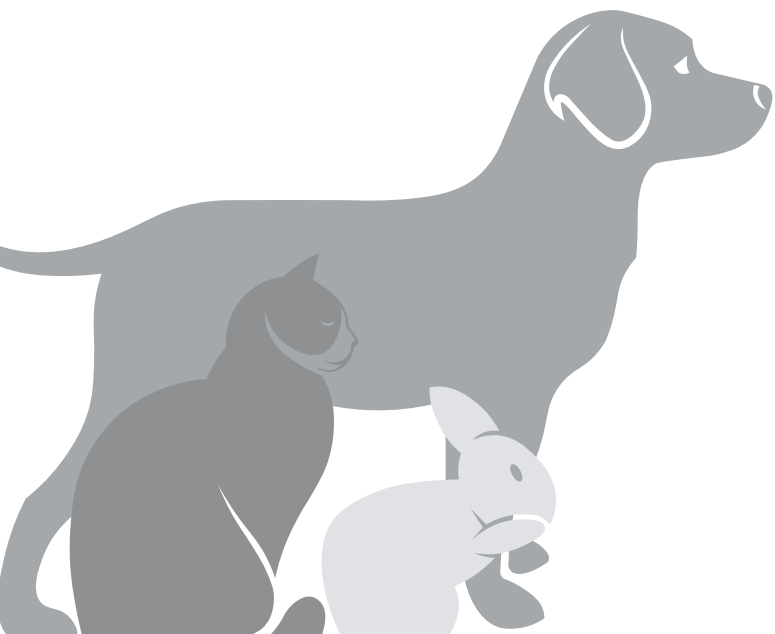


FOERSTER

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 16.170.18 | 18,0 cm 7" | 1 | 16.171.18 | 18,0 cm 7" | 2 |
| 16.170.20 | 20,0 cm 8" | | 16.171.20 | 20,0 cm 8" | |
| 16.170.25 | 25,0 cm 10" | | 16.171.25 | 25,0 cm 10" | |
| 16.170.30 | 30,0 cm 12" | | 16.171.30 | 30,0 cm 12" | |
| 16.172.18 | 18,0 cm 7" | 3 | 16.173.18 | 18,0 cm 7" | 4 |
| 16.172.20 | 20,0 cm 8" | | 16.173.20 | 20,0 cm 8" | |
| 16.172.25 | 25,0 cm 10" | | 16.173.25 | 25,0 cm 10" | |
| 16.172.30 | 30,0 cm 12" | | 16.173.30 | 30,0 cm 12" | |

07

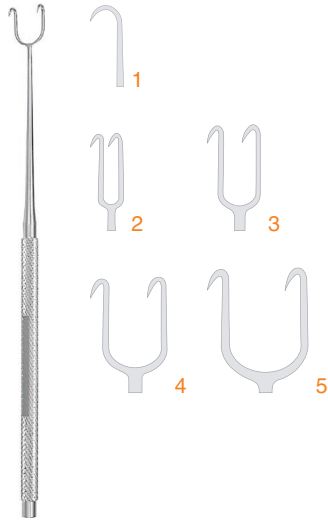
◆ WUNDHAKEN
RETRACTORS





WUNDHAKEN
RETRACTORS

● **Häkchen**
Hooklet



JOSEPH

| | | | |
|-----------|-------------|---------|---|
| 18.216.01 | 16,0 cm 6¼" | | 1 |
| 18.216.02 | 16,0 cm 6¼" | 2,0 mm | 2 |
| 18.216.05 | 16,0 cm 6¼" | 5,0 mm | 3 |
| 18.216.07 | 16,0 cm 6¼" | 7,0 mm | 4 |
| 18.216.10 | 16,0 cm 6¼" | 10,0 mm | 5 |

● **Wundhaken**
Retractors



US ARMY (PARKER-LANGENBECK)

| | | | |
|-----------|-------------|-----------|---------------------|
| 18.131.21 | 21,0 cm 8¼" | 18.131.01 | 21x15 mm 40x15 mm |
| | | 18.131.02 | 25x15 mm 45x15 mm |

► Paar
Pair



SENN

| | | |
|-----------|-------------|---|
| 18.160.17 | 17,0 cm 6¾" | 1 |
| 18.161.17 | 17,0 cm 6¾" | 2 |



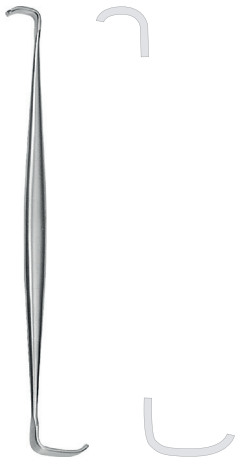
RIBBON

| | | |
|-----------|------------|---------|
| 18.168.12 | 20,0 cm 8" | 12,0 mm |
| 18.168.17 | 20,0 cm 8" | 17,0 mm |
| 18.168.25 | 20,0 cm 8" | 25,0 mm |



RIBBON

| | | |
|-----------|-------------|---------|
| 18.170.25 | 33,0 cm 13" | 25,0 mm |
| 18.170.32 | 33,0 cm 13" | 32,0 mm |
| 18.170.40 | 33,0 cm 13" | 40,0 mm |
| 18.170.50 | 33,0 cm 13" | 50,0 mm |



RAGNELL DAVIS

18.242.14 14,0 cm 5½" 8x4 mm | 15x5,5 mm



KOCHER

18.318.40 23,0 cm 9" 40x18 mm
18.318.57 23,0 cm 9" 57x25 mm
18.318.78 23,0 cm 9" 78x40 mm



MEYERDING

18.498.01 23,0 cm 9" 50x16 mm
18.498.02 24,0 cm 9½" 75x25 mm
18.498.03 25,5 cm 10" 90x50 mm

07

Wundspreizer, selbsthaltend
Retractors, self-retaining



ALM

18.620.07 7,0 cm 2¾"  18.621.07 7,0 cm 2¾" 
18.620.10 10,0 cm 4"  18.621.10 10,0 cm 4" 

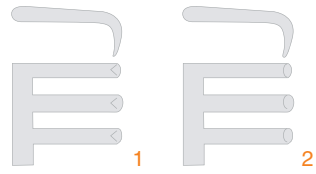


DIMEDA

18.634.10 10,0 cm 4"  1 18.635.10 10,0 cm 4"  2

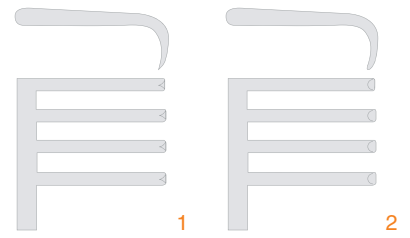


WUNDSPREIZER UND BAUCHDECKELHALTER
SELF-RETAINING AND ABDOMINAL RETRACTORS



WEITLANER

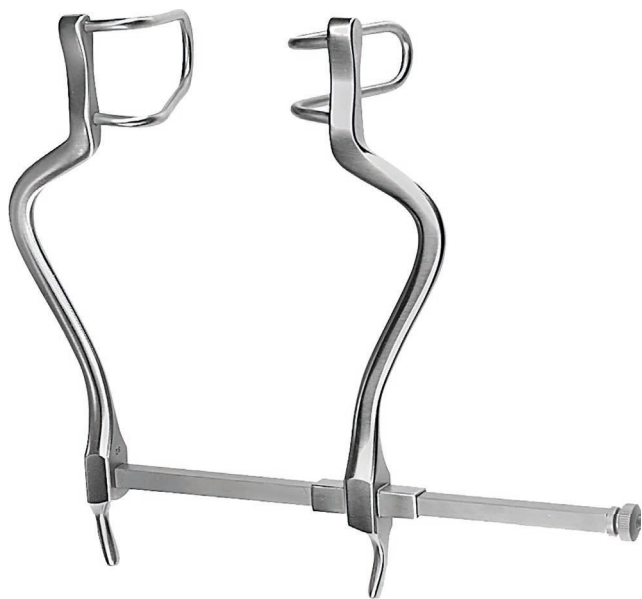
| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 18.650.10 | 11,5 cm 4½" | 1 | 18.651.10 | 11,5 cm 4½" | 2 |
|-----------|-------------|---|-----------|-------------|---|



WEITLANER

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 18.670.14 | 14,0 cm 5½" | 1 | 18.671.14 | 14,0 cm 5½" | 2 |
| 18.670.16 | 16,0 cm 6¼" | | 18.671.16 | 16,0 cm 6¼" | |
| 18.670.20 | 20,0 cm 8" | | 18.671.20 | 20,0 cm 8" | |

● **Bauchdeckenhalter**
Abdominal retractor



GOSSET

| | Spreizweite Spreading | Seitenvalven Lateral blades |
|-----------|--------------------------|--------------------------------|
| 18.760.14 | 14,0 cm 5½" | 63x35 mm |

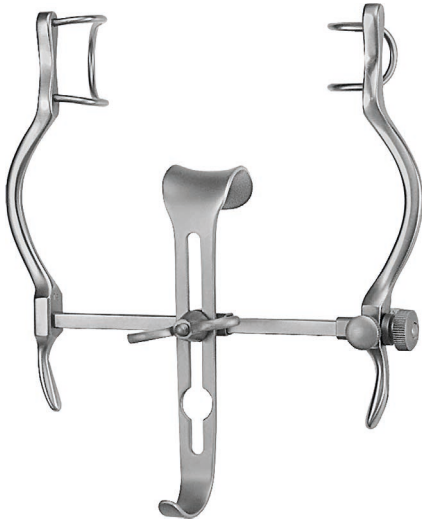


BALFOUR

| | Spreizweite Spreading | Mittelvalve Center blade | Seitenvalven Lateral blades |
|-----------|--------------------------|-----------------------------|--------------------------------|
| 18.764.18 | 18,0 cm 7" | 45x80 mm | 63x35 mm |
| 18.764.20 | 20,0 cm 8" | 100x70 mm | 100x35 mm |
| 18.764.25 | 25,0 cm 10" | 70x85 mm | 100x35 mm |



● Perineal Sperrer
 Perineal retractor



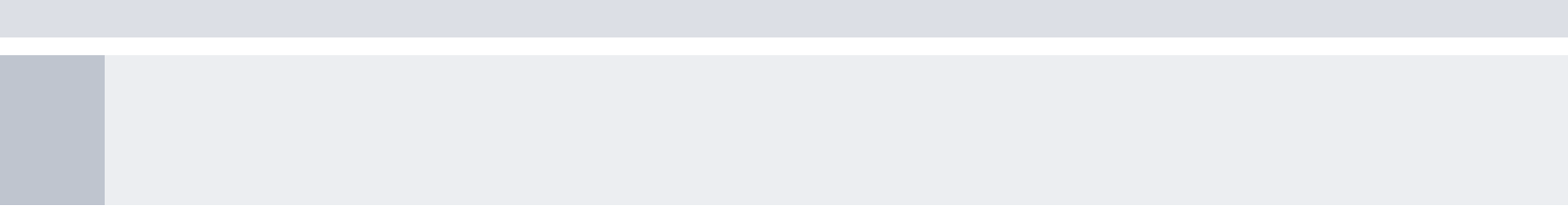
BALFOUR baby

| | Spreizweite Spreading | Mittelvalve Center blade | Seitenvalven Lateral blades |
|-----------|--------------------------|-----------------------------|--------------------------------|
| 18.766.90 | 9,0 cm 3½" | 24x20 mm | 27x27 mm |



GELPI

| | | | | | |
|-----------|-------------|---|-----------|------------|---|
| 18.802.09 | 9,0 cm 3½" | 1 | 18.804.18 | 18,0 cm 7" | 2 |
| 18.802.14 | 14,0 cm 5½" | | | | |
| 18.802.16 | 16,0 cm 6¼" | | | | |
| 18.802.18 | 18,0 cm 7" | | | | |



08

◆ NADELHALTER
NEEDLE HOLDERS





NADELHALTER
NEEDLE HOLDERS

◆ Nadelhalter
Needle holders



DERF

24.110.12 12,0 cm 4¾"

▶ mit Blutrille
with blood groove



DERF

24.114.12 12,0 cm 4¾" 0,4



WEBSTER

24.128.11 11,5 cm 4½"
24.128.13 13,0 cm 5"



WEBSTER

24.129.12 12,0 cm 4¾"
24.129.13 13,0 cm 5"



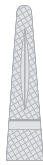
HALSEY

24.130.13 13,0 cm 5" 1
24.140.13 13,0 cm 5" 2



HALSEY

24.134.13 13,0 cm 5" 1
24.144.13 13,0 cm 5" 0,4 2



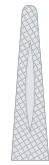
CRILE-WOOD

| | |
|-----------|------------|
| 24.160.15 | 15,0 cm 6" |
| 24.160.18 | 18,0 cm 7" |
| 24.160.20 | 20,0 cm 8" |



CRILE-WOOD

| | | | |
|-----------|------------|-----|---|
| 24.164.15 | 15,0 cm 6" | 0,4 | ■ |
| 24.164.18 | 18,0 cm 7" | | |
| 24.164.20 | 20,0 cm 8" | | |



MAYO-HEGAR

| | |
|-----------|--------------|
| 24.180.14 | 14,0 cm 5½" |
| 24.180.16 | 16,0 cm 6¼" |
| 24.180.18 | 18,0 cm 7" |
| 24.180.20 | 20,0 cm 8" |
| 24.180.24 | 24,0 cm 9½" |
| 24.180.26 | 26,0 cm 10¼" |
| 24.180.30 | 30,0 cm 12" |



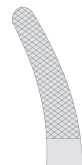
MAYO-HEGAR

| | | | |
|-----------|--------------|-----|---|
| 24.184.14 | 14,0 cm 5½" | 0,5 | ■ |
| 24.184.16 | 16,0 cm 6¼" | | |
| 24.184.18 | 18,0 cm 7" | | |
| 24.184.20 | 20,0 cm 8" | | |
| 24.184.24 | 24,0 cm 9½" | | |
| 24.184.26 | 26,0 cm 10¼" | | |
| 24.184.30 | 30,0 cm 12" | | |



RYDER

| | | | |
|-----------|--------------|-----|---|
| 24.224.13 | 13,0 cm 5" | 0,4 | ■ |
| 24.224.15 | 15,0 cm 6" | | |
| 24.224.18 | 18,0 cm 7" | | |
| 24.224.20 | 20,0 cm 8" | | |
| 24.224.23 | 23,0 cm 9" | | |
| 24.224.26 | 26,0 cm 10¼" | | |



HEANEY

| | | | |
|-----------|--------------|-----|---|
| 24.245.21 | 20,0 cm 8" | 0,5 | ■ |
| 24.245.26 | 26,0 cm 10¼" | | |



NADELHALTER
NEEDLE HOLDERS



MATHIEU

| | |
|-----------|-------------|
| 24.370.14 | 14,0 cm 5½" |
| 24.370.17 | 17,0 cm 6¾" |
| 24.370.20 | 20,0 cm 8" |
| 24.370.24 | 24,0 cm 9½" |



MATHIEU

| | | | |
|-----------|-------------|-----|--|
| 24.374.14 | 14,0 cm 5½" | 0,5 | |
| 24.374.17 | 17,0 cm 6¾" | | |
| 24.374.20 | 20,0 cm 8" | | |
| 24.374.24 | 24,0 cm 9½" | | |



MATHIEU

| | |
|-----------|-------------|
| 24.380.17 | 17,0 cm 6¾" |
| 24.380.20 | 20,0 cm 8" |



MATHIEU

| | |
|-----------|-------------|
| 24.384.17 | 17,0 cm 6¾" |
| 24.384.20 | 20,0 cm 8" |



OLSEN-HEGAR

| | |
|-----------|-------------|
| 24.410.12 | 12,0 cm 4¾" |
| 24.410.14 | 14,0 cm 5½" |
| 24.410.18 | 18,0 cm 7" |





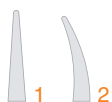
OLSEN-HEGAR

| | | | |
|-----------|-------------|-----|--|
| 24.414.12 | 12,0 cm 4¾" | 0,5 | |
| 24.414.14 | 14,0 cm 5½" | | |
| 24.414.18 | 18,0 cm 7" | | |





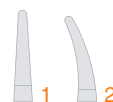
BARRAQUER

- 24.650.10 10,0 cm 4"  1
- 24.651.10 10,0 cm 4"  2







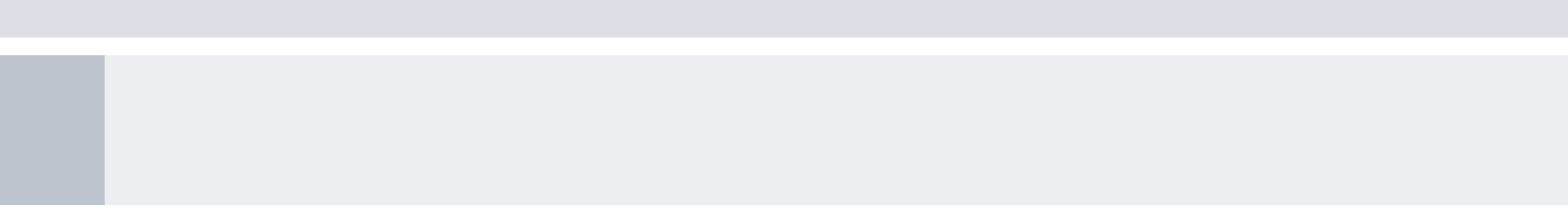
CASTROVIEJO

- 24.670.14 14,0 cm 5½"  1
- 24.671.14 14,0 cm 5½"  2



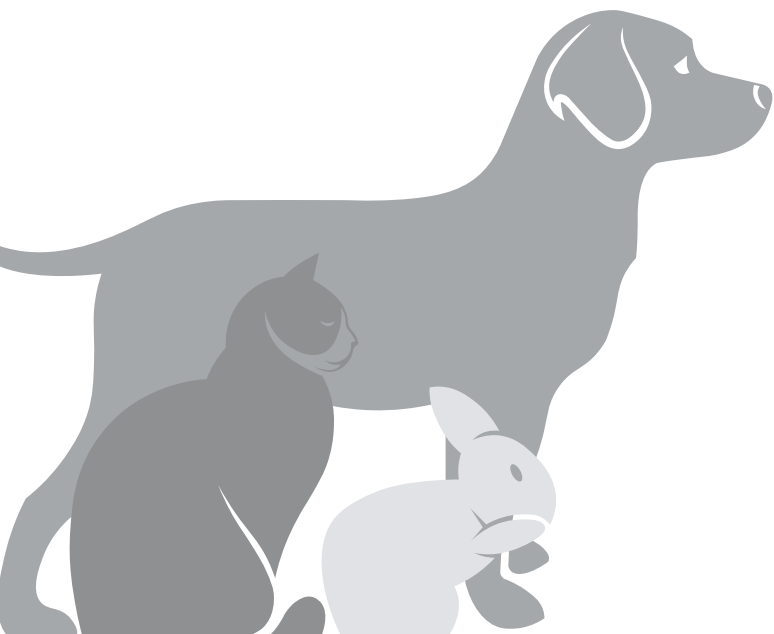
CASTROVIEJO

- 24.674.14 14,0 cm 5½"   1
- 24.675.14 14,0 cm 5½"   2



09

◆ ORTHOPÄDIE
ORTHOPEDICS





● Hohlmeißelzangen
Bone rongeurs



FRIEDMAN mini

32.101.12 12,0 cm 4¾"



FRIEDMAN

32.101.14 14,0 cm 5½"



FRIEDMAN

32.102.15 15,0 cm 6" 



BLUMENTHAL

32.117.15 15,0 cm 6"



LUER

32.131.15 15,0 cm 6"



LUER

32.136.17 17,0 cm 6¾" 1
32.137.17 17,0 cm 6¾" 2



ADSON

| | | |
|-----------|------------|---|
| 32.142.20 | 20,0 cm 8" | 1 |
| 32.143.20 | 20,0 cm 8" | 2 |



LEMPERT

| | | |
|-----------|-------------|---|
| 32.150.16 | 16,0 cm 6¼" | 1 |
| 32.151.16 | 16,0 cm 6¼" | 2 |



BEYER

| | |
|-----------|------------|
| 32.201.18 | 18,0 cm 7" |
|-----------|------------|



RUSKIN

| | | |
|-----------|------------|---|
| 32.216.18 | 18,0 cm 7" | 1 |
| 32.217.18 | 18,0 cm 7" | 2 |



STILLE-LUER

| | |
|-----------|--------------|
| 32.230.26 | 26,0 cm 10¼" |
|-----------|--------------|

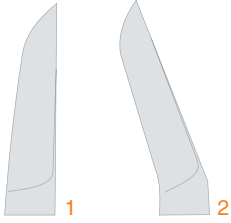


LEKSELL-STILLE

| | | | |
|-----------|------------|------|---|
| 32.245.23 | 23,0 cm 9" | 8 mm | 1 |
| 32.247.23 | 23,0 cm 9" | 4 mm | 2 |

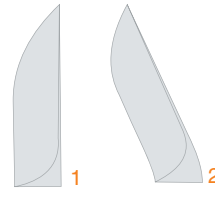


◆ **Knochensplitterzangen**
Bone cutting forceps



LISTON

| | | | | | |
|-----------|-------------|---|-----------|-------------|---|
| 32.274.14 | 14,0 cm 5½" | 1 | 32.275.14 | 14,0 cm 5½" | 2 |
| 32.274.17 | 17,0 cm 6¾" | | 32.275.17 | 17,0 cm 6¾" | |
| 32.274.19 | 19,0 cm 7½" | | 32.275.19 | 19,0 cm 7½" | |
| 32.274.22 | 22,0 cm 8¾" | | 32.275.22 | 22,0 cm 8¾" | |



RUSKIN LISTON

| | | |
|-----------|------------|---|
| 32.286.18 | 18,0 cm 7" | 1 |
| 32.289.18 | 18,0 cm 7" | 2 |

◆ **Knochenhalte-zangen**
Bone cutting forceps



32.308.14 14,0 cm 5½"



32.309.16 16,0 cm 6¾"
32.309.18 18,0 cm 7"
32.309.22 22,0 cm 8¾"
32.309.24 24,0 cm 9½"

▶ mit Gewindesperre
with thread fixation



FARABEU-F-LAMBOTTE

32.368.26 26,0 cm 10¼"



KERN

| | |
|-----------|-------------|
| 32.378.15 | 15,0 cm 6" |
| 32.378.17 | 17,0 cm 6¾" |
| 32.378.21 | 21,0 cm 8¼" |

▶ ohne Ratsche
without ratchet

| | |
|-----------|-------------|
| 32.380.15 | 15,0 cm 6" |
| 32.380.17 | 17,0 cm 6¾" |
| 32.380.21 | 21,0 cm 8¼" |

▶ mit Ratsche
with ratchet



LANE

| | |
|-----------|--------------|
| 32.382.33 | 33,0 cm 13" |
| 32.382.45 | 45,0 cm 17¾" |

▶ ohne Ratsche
without ratchet

| | |
|-----------|--------------|
| 32.384.33 | 33,0 cm 13" |
| 32.384.45 | 45,0 cm 17¾" |

▶ mit Ratsche
with ratchet

◆ Knorpelfasszangen
Cartilage seizing forceps



LOWMAN

| | |
|-----------|-------------|
| 32.441.13 | 13,0 cm 5" |
| 32.441.18 | 18,5 cm 7¼" |
| 32.441.20 | 20,0 cm 8" |

▶ mit Graduierung
with graduation



LEWIN

| | |
|-----------|------------|
| 32.402.17 | 17,5 cm 7" |
|-----------|------------|



DINGMANN

| | | |
|-----------|-------------|--|
| 32.407.19 | 19,0 cm 7½" | |
|-----------|-------------|--|

2:2



◆ Repositionszangen
Reposition forceps



MARTIN

32.410.16 16,0 cm 6¼"
32.410.19 19,0 cm 7½"



32.306.12 13,5 cm 5¼"

▶ mit langer Sperre
with long lock



32.403.09 9,5 cm 3¾"

◆ Patella Faßzange
Patella holding forceps



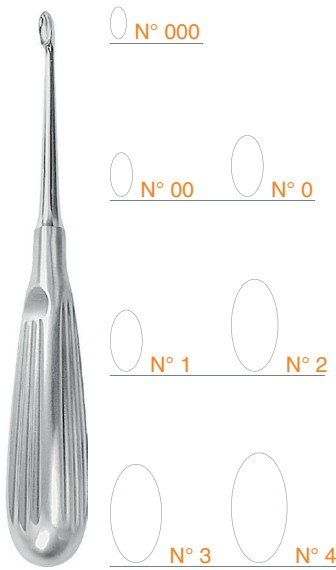
32.413.16 16,0 cm 6¼"
32.413.18 18,0 cm 7"
32.413.20 20,0 cm 8"



32.432.18 18,5 cm 7¼"



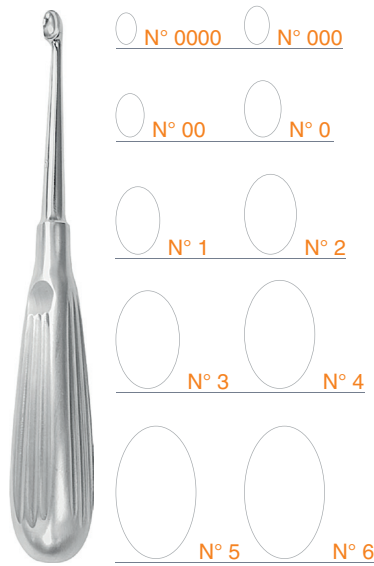
◆ Scharfe Löffel
Bone curettes



SCHEDE

| | | |
|-----------|---|--------|
| 32.467.97 | 17,0 cm 6 ³ / ₄ " | N° 000 |
| 32.467.98 | 17,0 cm 6 ³ / ₄ " | N° 00 |
| 32.468.00 | 17,0 cm 6 ³ / ₄ " | N° 0 |
| 32.468.01 | 17,0 cm 6 ³ / ₄ " | N° 1 |
| 32.468.02 | 17,0 cm 6 ³ / ₄ " | N° 2 |
| 32.468.03 | 17,0 cm 6 ³ / ₄ " | N° 3 |
| 32.468.04 | 17,0 cm 6 ³ / ₄ " | N° 4 |

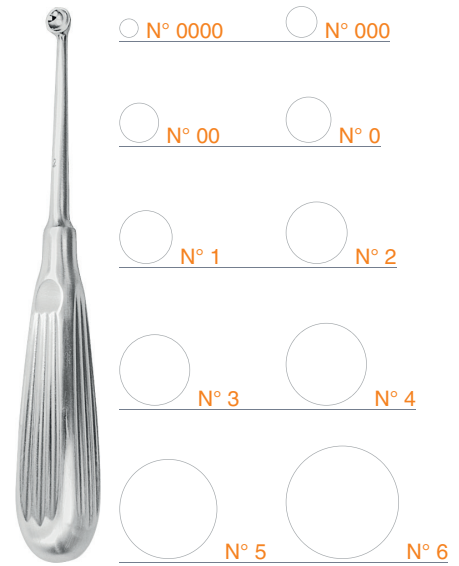
▶ oval, mit Hohlheft
oval, with hollow handle



VOLKMANN

| | | |
|-----------|---|---------|
| 32.469.96 | 17,0 cm 6 ³ / ₄ " | N° 0000 |
| 32.469.97 | 17,0 cm 6 ³ / ₄ " | N° 000 |
| 32.469.98 | 17,0 cm 6 ³ / ₄ " | N° 00 |
| 32.470.00 | 17,0 cm 6 ³ / ₄ " | N° 0 |
| 32.470.01 | 17,0 cm 6 ³ / ₄ " | N° 1 |
| 32.470.02 | 17,0 cm 6 ³ / ₄ " | N° 2 |
| 32.470.03 | 17,0 cm 6 ³ / ₄ " | N° 3 |
| 32.470.04 | 17,0 cm 6 ³ / ₄ " | N° 4 |
| 32.470.05 | 17,0 cm 6 ³ / ₄ " | N° 5 |
| 32.470.06 | 17,0 cm 6 ³ / ₄ " | N° 6 |

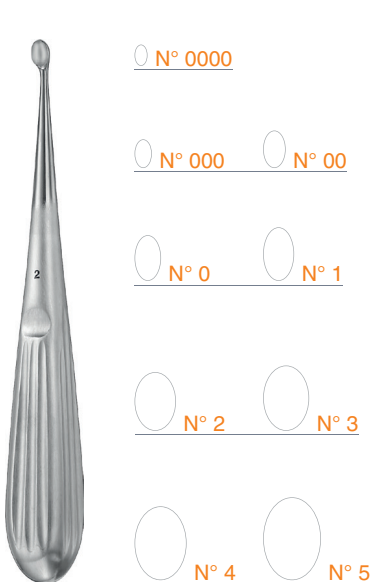
▶ oval, mit Hohlheft
oval, with hollow handle



BRUNS

| | | |
|-----------|---|---------|
| 32.471.96 | 17,0 cm 6 ³ / ₄ " | N° 0000 |
| 32.471.97 | 17,0 cm 6 ³ / ₄ " | N° 000 |
| 32.471.98 | 17,0 cm 6 ³ / ₄ " | N° 00 |
| 32.472.00 | 17,0 cm 6 ³ / ₄ " | N° 0 |
| 32.472.01 | 17,0 cm 6 ³ / ₄ " | N° 1 |
| 32.472.02 | 17,0 cm 6 ³ / ₄ " | N° 2 |
| 32.472.03 | 17,0 cm 6 ³ / ₄ " | N° 3 |
| 32.472.04 | 17,0 cm 6 ³ / ₄ " | N° 4 |
| 32.472.05 | 17,0 cm 6 ³ / ₄ " | N° 5 |
| 32.472.06 | 17,0 cm 6 ³ / ₄ " | N° 6 |

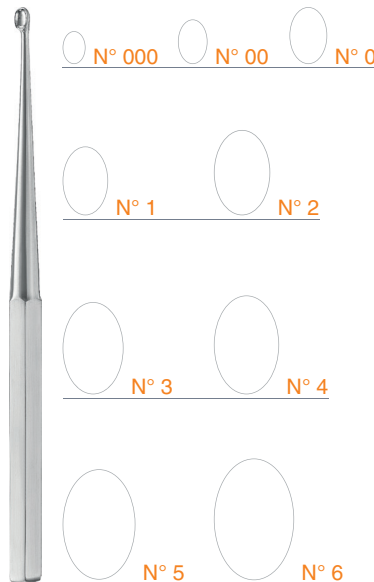
▶ rund, mit Hohlheft
round, with hollow handle



SPRATT

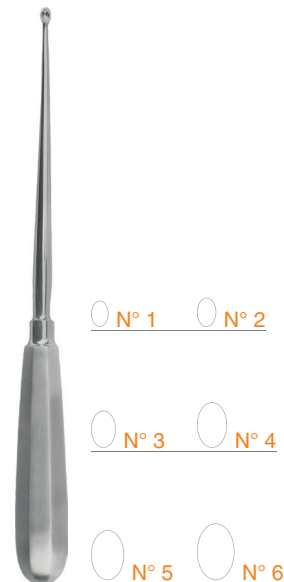
| | | |
|-----------|---|---------|
| 32.474.96 | 17,0 cm 6 ³ / ₄ " | N° 0000 |
| 32.474.97 | 17,0 cm 6 ³ / ₄ " | N° 000 |
| 32.474.98 | 17,0 cm 6 ³ / ₄ " | N° 00 |
| 32.475.00 | 17,0 cm 6 ³ / ₄ " | N° 0 |
| 32.475.01 | 17,0 cm 6 ³ / ₄ " | N° 1 |
| 32.475.02 | 17,0 cm 6 ³ / ₄ " | N° 2 |
| 32.475.03 | 17,0 cm 6 ³ / ₄ " | N° 3 |
| 32.475.04 | 17,0 cm 6 ³ / ₄ " | N° 4 |
| 32.475.05 | 17,0 cm 6 ³ / ₄ " | N° 5 |

▶ oval, mit Hohlheft
oval, with hollow handle



BRUNS

| | | |
|-----------|------------|--------|
| 32.480.97 | 23,0 cm 9" | N° 000 |
| 32.480.98 | 23,0 cm 9" | N° 00 |
| 32.481.00 | 23,0 cm 9" | N° 0 |
| 32.481.01 | 23,0 cm 9" | N° 1 |
| 32.481.02 | 23,0 cm 9" | N° 2 |
| 32.481.03 | 23,0 cm 9" | N° 3 |
| 32.481.04 | 23,0 cm 9" | N° 4 |
| 32.481.05 | 23,0 cm 9" | N° 5 |
| 32.481.06 | 23,0 cm 9" | N° 6 |



SIMON

| | | |
|-----------|---|------|
| 32.485.01 | 24,0 cm 9 ¹ / ₂ " | N° 1 |
| 32.485.02 | 24,0 cm 9 ¹ / ₂ " | N° 2 |
| 32.485.03 | 24,0 cm 9 ¹ / ₂ " | N° 3 |
| 32.485.04 | 24,0 cm 9 ¹ / ₂ " | N° 4 |
| 32.485.05 | 24,0 cm 9 ¹ / ₂ " | N° 5 |
| 32.485.06 | 24,0 cm 9 ¹ / ₂ " | N° 6 |



◆ Osteotome
Osteotomes



LAMBOTTE

| | | |
|-----------|-------------|---------|
| 32.650.06 | 24,0 cm 9½" | 6,5 mm |
| 32.650.15 | 24,0 cm 9½" | 15,0 mm |
| 32.650.20 | 24,0 cm 9½" | 20,0 mm |
| 32.650.25 | 24,0 cm 9½" | 25,0 mm |
| 32.650.30 | 24,0 cm 9½" | 30,0 mm |
| 32.650.38 | 24,0 cm 9½" | 38,0 mm |
| 32.650.44 | 24,0 cm 9½" | 44,0 mm |



LAMBOTTE

| | | |
|-----------|-------------|---------|
| 32.651.06 | 24,0 cm 9½" | 6,5 mm |
| 32.651.15 | 24,0 cm 9½" | 15,0 mm |
| 32.651.20 | 24,0 cm 9½" | 20,0 mm |
| 32.651.25 | 24,0 cm 9½" | 25,0 mm |
| 32.651.30 | 24,0 cm 9½" | 30,0 mm |
| 32.651.38 | 24,0 cm 9½" | 38,0 mm |
| 32.651.44 | 24,0 cm 9½" | 44,0 mm |



LAMBOTTE mini

| | | |
|-----------|------------|---------|
| 32.654.03 | 12,5 cm 5" | 3,0 mm |
| 32.654.04 | 12,5 cm 5" | 4,0 mm |
| 32.654.06 | 12,5 cm 5" | 6,0 mm |
| 32.654.08 | 12,5 cm 5" | 8,0 mm |
| 32.654.10 | 12,5 cm 5" | 10,0 mm |
| 32.654.12 | 12,5 cm 5" | 12,0 mm |
| 32.654.15 | 12,5 cm 5" | 15,0 mm |

◆ Flachmeißel
Bone chisel



SMITH-PETERSEN

| | | |
|-----------|------------|---------|
| 32.634.06 | 20,0 cm 8" | 6,0 mm |
| 32.634.09 | 20,0 cm 8" | 9,0 mm |
| 32.634.13 | 20,0 cm 8" | 13,0 mm |
| 32.634.16 | 20,0 cm 8" | 16,0 mm |
| 32.634.19 | 20,0 cm 8" | 19,0 mm |
| 32.634.25 | 20,0 cm 8" | 25,0 mm |
| 32.634.32 | 20,0 cm 8" | 32,0 mm |



STILLE

| | | |
|-----------|------------|---------|
| 32.632.10 | 20,0 cm 8" | 10,0 mm |
| 32.632.12 | 20,0 cm 8" | 12,0 mm |
| 32.632.15 | 20,0 cm 8" | 15,0 mm |
| 32.632.20 | 20,0 cm 8" | 20,0 mm |
| 32.632.25 | 20,0 cm 8" | 25,0 mm |
| 32.632.30 | 20,0 cm 8" | 30,0 mm |

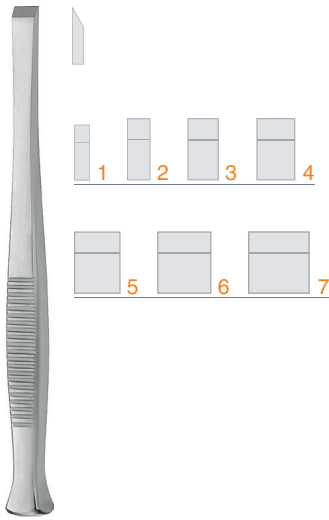


STILLE

| | | |
|-----------|------------|---------|
| 32.630.10 | 20,0 cm 8" | 10,0 mm |
| 32.630.12 | 20,0 cm 8" | 12,0 mm |
| 32.630.15 | 20,0 cm 8" | 15,0 mm |
| 32.630.20 | 20,0 cm 8" | 20,0 mm |
| 32.630.25 | 20,0 cm 8" | 25,0 mm |
| 32.630.30 | 20,0 cm 8" | 30,0 mm |

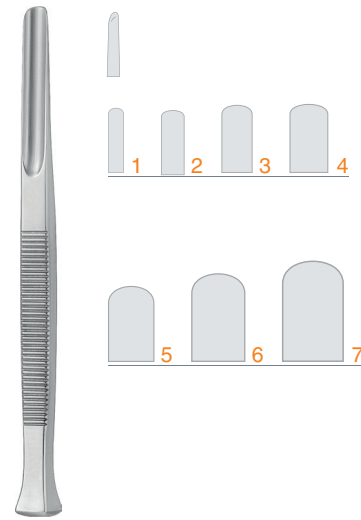


● Hohlmeißel
Gouges



PARTSCH

| | | | | | | | |
|-----------|-------------|--------|---|-----------|-------------|--------|---|
| 32.620.02 | 13,5 cm 5¼" | 2,0 mm | 1 | 32.622.02 | 17,0 cm 6¾" | 2,0 mm | 1 |
| 32.620.03 | 13,5 cm 5¼" | 3,0 mm | 2 | 32.622.03 | 17,0 cm 6¾" | 3,0 mm | 2 |
| 32.620.04 | 13,5 cm 5¼" | 4,0 mm | 3 | 32.622.04 | 17,0 cm 6¾" | 4,0 mm | 3 |
| 32.620.05 | 13,5 cm 5¼" | 5,0 mm | 4 | 32.622.05 | 17,0 cm 6¾" | 5,0 mm | 4 |
| 32.620.06 | 13,5 cm 5¼" | 6,0 mm | 5 | 32.622.06 | 17,0 cm 6¾" | 6,0 mm | 5 |
| 32.620.07 | 13,5 cm 5¼" | 7,0 mm | 6 | 32.622.07 | 17,0 cm 6¾" | 7,0 mm | 6 |
| 32.620.08 | 13,5 cm 5¼" | 8,0 mm | 7 | 32.622.08 | 17,0 cm 6¾" | 8,0 mm | 7 |



PARTSCH

| | | | | | | | |
|-----------|-------------|--------|---|-----------|-------------|--------|---|
| 32.623.02 | 13,5 cm 5¼" | 2,0 mm | 1 | 32.625.02 | 17,0 cm 6¾" | 2,0 mm | 1 |
| 32.623.03 | 13,5 cm 5¼" | 3,0 mm | 2 | 32.625.03 | 17,0 cm 6¾" | 3,0 mm | 2 |
| 32.623.04 | 13,5 cm 5¼" | 4,0 mm | 3 | 32.625.04 | 17,0 cm 6¾" | 4,0 mm | 3 |
| 32.623.05 | 13,5 cm 5¼" | 5,0 mm | 4 | 32.625.05 | 17,0 cm 6¾" | 5,0 mm | 4 |
| 32.623.06 | 13,5 cm 5¼" | 6,0 mm | 5 | 32.625.06 | 17,0 cm 6¾" | 6,0 mm | 5 |
| 32.623.07 | 13,5 cm 5¼" | 7,0 mm | 6 | 32.625.07 | 17,0 cm 6¾" | 7,0 mm | 6 |
| 32.623.08 | 13,5 cm 5¼" | 8,0 mm | 7 | 32.625.08 | 17,0 cm 6¾" | 8,0 mm | 7 |

● Osteotome
Osteotomes



LEXER

| | | |
|-----------|------------|---------|
| 32.660.05 | 20,0 cm 8" | 5,0 mm |
| 32.660.07 | 20,0 cm 8" | 7,0 mm |
| 32.660.10 | 20,0 cm 8" | 10,0 mm |
| 32.660.15 | 20,0 cm 8" | 15,0 mm |
| 32.660.20 | 20,0 cm 8" | 20,0 mm |
| 32.660.25 | 20,0 cm 8" | 25,0 mm |
| 32.660.30 | 20,0 cm 8" | 30,0 mm |



LEXER mini

| | | |
|-----------|------------|---------|
| 32.664.04 | 18,0 cm 7" | 4,0 mm |
| 32.664.06 | 18,0 cm 7" | 6,0 mm |
| 32.664.08 | 18,0 cm 7" | 8,0 mm |
| 32.664.10 | 18,0 cm 7" | 10,0 mm |
| 32.664.12 | 18,0 cm 7" | 12,0 mm |

● Hohlmeißel
Gouges



LEXER

| | | |
|-----------|-------------|---------|
| 32.661.05 | 20,0 cm 8¾" | 5,0 mm |
| 32.661.07 | 20,0 cm 8¾" | 7,0 mm |
| 32.661.10 | 20,0 cm 8¾" | 10,0 mm |
| 32.661.15 | 20,0 cm 8¾" | 15,0 mm |
| 32.661.20 | 20,0 cm 8¾" | 20,0 mm |
| 32.661.25 | 20,0 cm 8¾" | 25,0 mm |
| 32.661.30 | 20,0 cm 8¾" | 30,0 mm |



LEXER mini

| | | |
|-----------|------------|---------|
| 32.665.04 | 18,0 cm 7" | 4,0 mm |
| 32.665.06 | 18,0 cm 7" | 6,0 mm |
| 32.665.08 | 18,0 cm 7" | 8,0 mm |
| 32.665.10 | 18,0 cm 7" | 10,0 mm |
| 32.665.12 | 18,0 cm 7" | 12,0 mm |



● Hämmer
Mallets



HAJEK

| | Länge Length | Gewicht Weight | Durchmesser Diameter |
|-----------|-----------------|-------------------|-------------------------|
| 32.687.22 | 22,0 cm 8¾" | 140 g | Ø 27,0 mm |



COTTLE

| | Länge Length | Gewicht Weight | Durchmesser Diameter |
|-----------|-----------------|-------------------|-------------------------|
| 32.689.24 | 19,0 cm 7½" | 300 g | Ø 30,0 mm |

▶ eine Seite plan
one side plane



| | Länge Length | Gewicht Weight | Durchmesser Diameter |
|-----------|-----------------|-------------------|-------------------------|
| 32.691.14 | 18,5 cm 7¼" | 135 g | Ø 25,0 mm |

32.691.99 1

▶ Ersatzbacken-Paar aus Kunststoff
Plastic replacement discs



COLLIN

| | Länge Length | Gewicht Weight | Durchmesser Diameter |
|-----------|-----------------|-------------------|-------------------------|
| 32.692.22 | 20,0 cm 8" | 220 g | Ø 30,0 mm |



WILLIGER

| | Länge Length | Gewicht Weight | Durchmesser Diameter |
|-----------|-----------------|-------------------|-------------------------|
| 32.694.30 | 24,0 cm 9½" | 300 g | Ø 26,0 mm |
| 32.694.34 | 24,0 cm 9½" | 340 g | Ø 28,0 mm |
| 32.694.40 | 24,0 cm 9½" | 400 g | Ø 30,0 mm |

▶ bleigefüllt
lead filled



| | Länge Length | Gewicht Weight | Durchmesser Diameter |
|-----------|-----------------|-------------------|-------------------------|
| 32.696.19 | 19,0 cm 7½" | 165 g | Ø 22,0 mm |



MEAD

| | Länge Length | Gewicht Weight | Durchmesser Diameter |
|-----------|-----------------|-------------------|-------------------------|
| 32.696.32 | 17,0 cm 6¾" | 320 g | Ø 27,0 mm |



32.697.02

▶ Ersatzbacken-Paar aus Kunststoff
Plastic replacement discs



● Elevatoren
Elevators



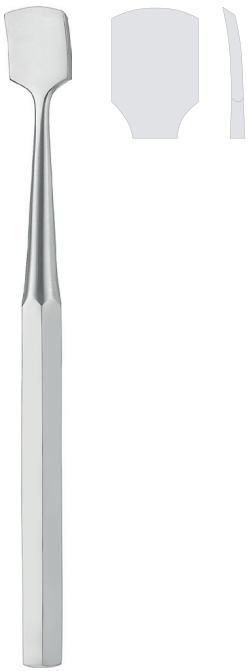
LANGENBECK

| | | | |
|-----------|------------|---------|---|
| 32.751.20 | 20,0 cm 8" | 8,0 mm | 1 |
| 32.752.20 | 20,0 cm 8" | 10,0 mm | 2 |



ADSON

| | | | |
|-----------|-------------|--------|---|
| 32.754.17 | 17,0 cm 6¾" | 8,5 mm | 1 |
| 32.755.17 | 17,0 cm 6¾" | 5,0 mm | 2 |
| 32.756.17 | 17,0 cm 6¾" | 6,5 mm | 3 |
| 32.757.17 | 17,0 cm 6¾" | 6,0 mm | 4 |



KEY

| | | | |
|-----------|-------------|---------|--|
| 32.759.06 | 19,0 cm 7½" | 6,0 mm | |
| 32.759.10 | 19,0 cm 7½" | 10,0 mm | |
| 32.759.12 | 19,0 cm 7½" | 12,0 mm | |
| 32.759.19 | 19,0 cm 7½" | 19,0 mm | |
| 32.759.25 | 19,0 cm 7½" | 25,0 mm | |



FREER

| | | | |
|-----------|-------------|--|--|
| 46.415.18 | 18,5 cm 7¼" | | |
|-----------|-------------|--|--|

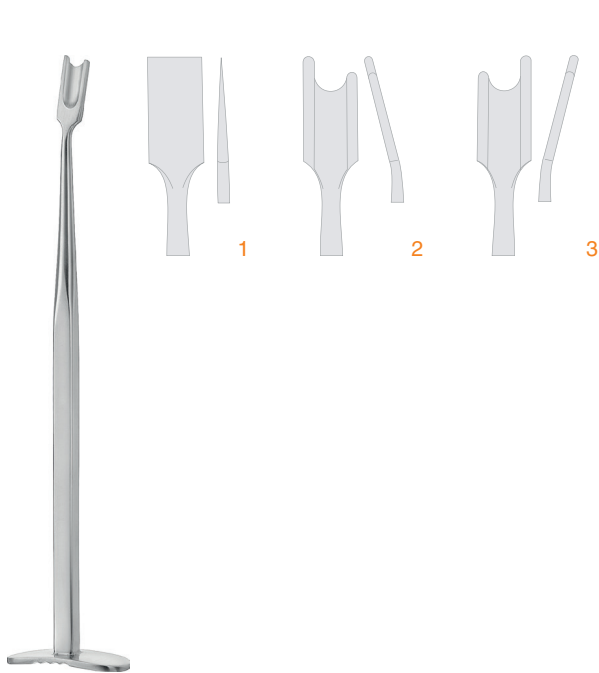


FREER

| | | | |
|-----------|-------------|--|---|
| 46.417.19 | 19,0 cm 7½" | | 1 |
| 46.419.19 | 19,0 cm 7½" | | 2 |



Meniskotome
Meniscotomes



SMILLIE

- 32.910.17 17,0 cm 6¾" 1
- 32.911.17 17,0 cm 6¾" ← 2
- 32.913.17 17,0 cm 6¾" → 3



BIRCHER

- 32.915.19 19,0 cm 7½" 1
- 32.917.19 19,0 cm 7½" 2

Knochenhebel
Bone levers



HOHMANN

32.805.22 25,5 cm 10" 22,0 mm

▶ breite Spitze
wide tip



HOHMANN

32.805.33 28,0 cm 11" 33,0 mm

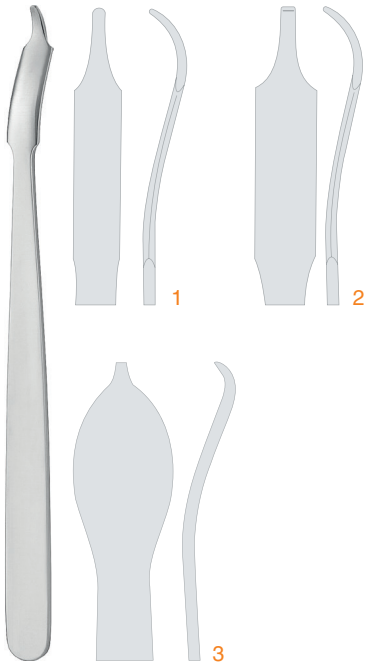
▶ breite Spitze
wide tip



HOHMANN

32.809.22 25,0 cm 10" 22,0 mm

▶ breite Spitze mit Längsrille
wide tip with groove



HOHMANN mini

| | | | |
|-----------|-------------|---------|---|
| 32.811.06 | 16,0 cm 6¼" | 6,0 mm | 1 |
| 32.811.08 | 16,0 cm 6¼" | 8,0 mm | 2 |
| 32.811.15 | 16,0 cm 6¼" | 15,0 mm | 3 |

▶ schmale Spitze
small tip

◆ Knochenraspeln
Bone rasps



PUTTI

| | |
|-----------|--------------|
| 32.973.27 | 27,0 cm 10¾" |
|-----------|--------------|



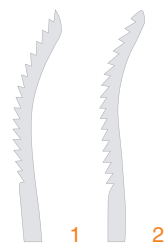
PUTTI

| | |
|-----------|-------------|
| 32.975.30 | 30,0 cm 12" |
|-----------|-------------|



WIENER (AUFRICHT)

| | | |
|-----------|-------------|---|
| 46.511.21 | 21,0 cm 8¼" | 1 |
| 46.513.21 | 21,0 cm 8¼" | 2 |



SCHUMACHER

| | | |
|-----------|--------------|------------|
| 32.812.35 | 29,0 cm 11¼" | 18 x 35 mm |
|-----------|--------------|------------|

▶ kreuzgerieft
cross serration



JOSEPH (LEWIS)

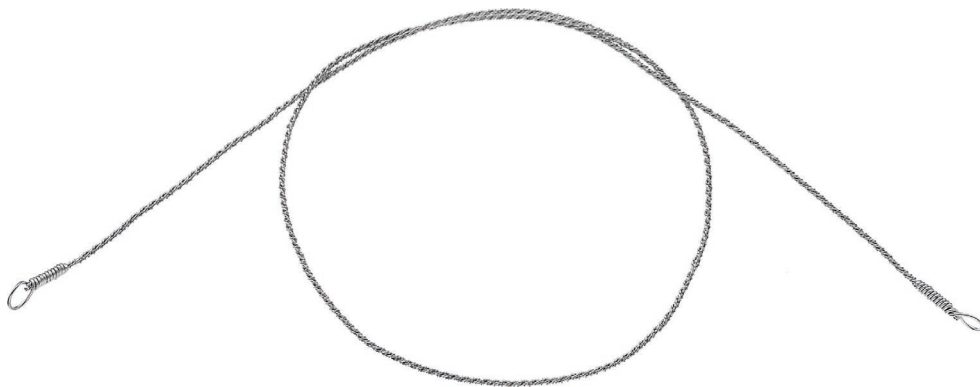
| | | |
|-----------|------------|---|
| 46.514.16 | 18,0 cm 7" | 1 |
| 46.516.16 | 18,0 cm 7" | 2 |



MALTZ (COTTLE)

| | |
|-----------|-------------|
| 46.518.21 | 21,0 cm 8¼" |
|-----------|-------------|

◆ Sägen
Saws



GIGLI

| | |
|-----------|-------------|
| 40.093.25 | 25,0 cm 10" |
| 40.093.30 | 30,0 cm 12" |
| 40.093.40 | 40,0 cm 16" |
| 40.093.50 | 50,0 cm 20" |
| 40.093.60 | 60,0 cm 24" |
| 40.093.70 | 70,0 cm 28" |



GIGLI

| |
|-----------|
| 40.094.00 |
|-----------|

► Paar
Pair



GIGLI

| |
|-----------|
| 40.094.01 |
|-----------|

► Paar
Pair



CHARRIERE

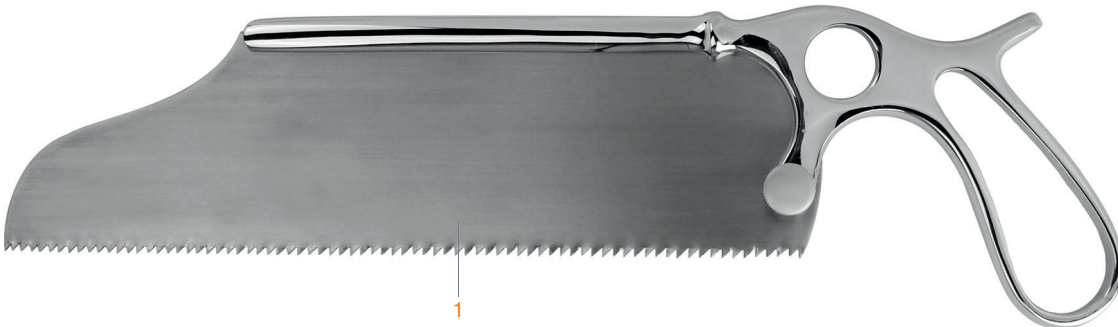
33.112.00



CHARRIERE

33.116.30 30,0 cm 11¾"

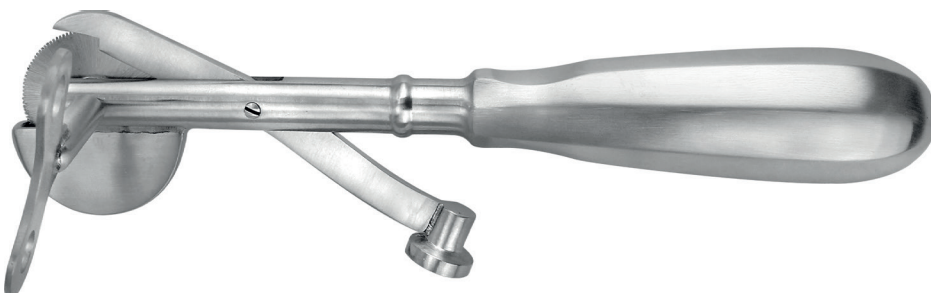
33.116.99 1



SATTERLEE

33.118.29 29,0 cm 11½"

33.118.99 1



DIMEDA

33.173.00



Kirschner Drähte
Kirschner wires



| | Länge Length | | | | | | |
|----------|-----------------|-------------|--------------|-------------|--------------|--------------|---------------|
| | 60 mm / 2½" | 120 mm / 5" | 140 mm / 5½" | 150 mm / 6" | 160 mm / 6¼" | 280 mm / 11" | 310 mm / 12¼" |
| Ø 1,0 mm | 33.406.10 | 33.412.10 | 33.414.10 | - | 33.416.10 | 33.428.10 | 33.431.10 |
| Ø 1,2 mm | 33.406.12 | 33.412.12 | 33.414.12 | 33.418.12 | 33.416.12 | 33.428.12 | 33.431.12 |
| Ø 1,4 mm | 33.406.14 | 33.412.14 | 33.414.14 | 33.418.14 | 33.416.14 | - | 33.431.14 |
| Ø 1,5 mm | 33.406.15 | 33.412.15 | 33.414.15 | 33.418.15 | 33.416.15 | 33.428.15 | 33.431.15 |
| Ø 1,6 mm | 33.406.16 | 33.412.16 | 33.414.16 | 33.418.16 | 33.416.16 | - | 33.431.16 |
| Ø 1,8 mm | 33.406.18 | 33.412.18 | 33.414.18 | 33.418.18 | 33.416.18 | 33.428.18 | 33.431.18 |
| Ø 2,0 mm | 33.406.20 | 33.412.20 | 33.414.20 | - | 33.416.20 | 33.428.20 | 33.431.20 |
| Ø 2,2 mm | 33.406.22 | 33.412.22 | 33.414.22 | - | 33.416.22 | - | 33.431.22 |
| Ø 2,5 mm | - | - | - | - | 33.416.25 | 33.428.25 | 33.431.25 |
| Ø 3,0 mm | - | - | - | - | - | 33.428.30 | - |

► Trokarspitze / flacher Schaft
Trocar point / flat shaft



| | Länge Length | | | | | | | |
|----------|-----------------|-------------|-------------|--------------|-------------|--------------|--------------|---------------|
| | 60 mm / 2½" | 100 mm / 4" | 120 mm / 5" | 140 mm / 5½" | 150 mm / 6" | 160 mm / 6¼" | 280 mm / 11" | 310 mm / 12¼" |
| Ø 0,8 mm | - | - | - | - | 33.419.08 | - | - | - |
| Ø 1,0 mm | 33.407.10 | 33.434.10 | 33.413.10 | 33.415.10 | 33.419.10 | 33.417.10 | 33.429.10 | 33.433.10 |
| Ø 1,2 mm | 33.407.12 | 33.434.12 | 33.413.12 | 33.415.12 | 33.419.12 | 33.417.12 | 33.429.12 | 33.433.12 |
| Ø 1,4 mm | 33.407.14 | 33.434.14 | 33.413.14 | 33.415.14 | 33.419.14 | 33.417.14 | - | 33.433.14 |
| Ø 1,5 mm | 33.407.15 | 33.434.15 | 33.413.15 | 33.415.15 | 33.419.15 | 33.417.15 | - | 33.433.15 |
| Ø 1,6 mm | 33.407.16 | 33.434.16 | 33.413.16 | 33.415.16 | 33.419.16 | 33.417.16 | 33.429.16 | 33.433.16 |
| Ø 1,8 mm | 33.407.18 | - | 33.413.18 | 33.415.18 | - | 33.417.18 | - | 33.433.18 |
| Ø 2,0 mm | 33.407.20 | - | 33.413.20 | 33.415.20 | 33.419.20 | 33.417.20 | - | 33.433.20 |
| Ø 2,2 mm | 33.407.22 | - | 33.413.22 | 33.415.22 | - | 33.417.22 | - | 33.433.22 |
| Ø 2,5 mm | - | - | - | - | 33.419.25 | 33.417.25 | - | 33.433.25 |
| Ø 3,0 mm | - | - | - | - | 33.419.30 | - | - | - |

► Trokarspitze / Rundschaft
Trocar point / round shaft



| | Länge Length | | | | | | |
|----------|-----------------|-------------|--------------|-------------|--------------|-------------|---------------|
| | 60 mm / 2½" | 100 mm / 4" | 140 mm / 5½" | 150 mm / 6" | 160 mm / 6¼" | 230 mm / 9" | 310 mm / 12¼" |
| Ø 0,8 mm | - | 33.455.08 | - | - | - | - | 33.451.08 |
| Ø 1,0 mm | 33.448.10 | 33.455.10 | 33.458.10 | 33.460.10 | 33.461.10 | 33.463.10 | 33.451.10 |
| Ø 1,2 mm | 33.448.12 | 33.455.12 | 33.458.12 | 33.460.12 | 33.461.12 | 33.463.12 | 33.451.12 |
| Ø 1,4 mm | 33.448.14 | 33.455.14 | 33.458.14 | - | 33.461.14 | - | - |
| Ø 1,5 mm | 33.448.15 | - | 33.458.15 | 33.460.15 | - | - | 33.451.15 |
| Ø 1,6 mm | - | 33.455.16 | - | - | 33.461.16 | 33.463.16 | 33.451.16 |
| Ø 1,8 mm | - | - | - | 33.460.18 | 33.461.18 | - | 33.451.18 |
| Ø 2,0 mm | 33.448.20 | - | - | 33.460.20 | 33.461.20 | - | 33.451.20 |
| Ø 2,2 mm | - | - | - | - | - | - | 33.451.22 |
| Ø 2,5 mm | - | - | - | - | 33.461.25 | - | 33.451.25 |
| Ø 2,8 mm | - | - | - | - | - | - | 33.451.28 |
| Ø 3,0 mm | - | - | - | - | 33.461.30 | - | 33.451.30 |

► Trokarspitze / Trokarende
Trocar point / trocar end

Steinmann Knochennagel
Steinmann bone pins



| | Durchmesser Diameter | | | | |
|-------------|-------------------------|-----------|-----------|-----------|-----------|
| | Ø 2,5 mm | Ø 3,5 mm | Ø 4,0 mm | Ø 4,5 mm | Ø 5,0 mm |
| 13,0 cm 5" | - | - | 33.490.13 | - | - |
| 14,0 cm 5½" | - | - | 33.490.14 | - | - |
| 15,0 cm 6" | - | 33.489.15 | 33.490.15 | - | - |
| 16,0 cm 6¼" | - | - | 33.490.16 | - | - |
| 18,0 cm 7" | 33.488.18 | 33.489.18 | 33.490.18 | 33.491.18 | - |
| 20,0 cm 8" | - | 33.489.20 | 33.490.20 | - | 33.492.20 |
| 21,0 cm 8½" | - | - | 33.490.21 | - | - |
| 25,0 cm 10" | - | 33.489.25 | 33.490.25 | - | 33.492.25 |
| 30,0 cm 12" | - | - | - | - | 33.492.30 |

► Trokarspitze / Dreikant-Schaft
Trocar point / triangular shaft

► auf Nachfrage auch mit Vierkant-Schaft erhältlich
also available with square shank on request



● Knochendraht
Bone wire



Durchmesser
Diameter

| | |
|-----------|----------|
| 33.530.02 | Ø 0,2 mm |
| 33.530.03 | Ø 0,3 mm |
| 33.530.04 | Ø 0,4 mm |
| 33.530.05 | Ø 0,5 mm |
| 33.530.06 | Ø 0,6 mm |
| 33.530.07 | Ø 0,7 mm |
| 33.530.08 | Ø 0,8 mm |
| 33.530.09 | Ø 0,9 mm |
| 33.530.10 | Ø 1,0 mm |
| 33.530.12 | Ø 1,2 mm |
| 33.530.15 | Ø 1,5 mm |

▶ 10 m, weich
10 m, soft

● Feststellzange
Seizing forceps



33.533.18 18,0 cm 7"

● Flachzangen
Flat nose pliers

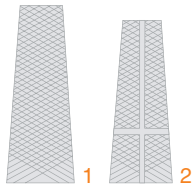


33.532.17 17,0 cm 6¾"

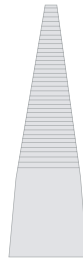


33.538.01 17,5 cm 7" 1

33.538.02 17,0 cm 6¾" 2



33.538.19 19,5 cm 7¾"



33.568.14 14,0 cm 5½"



▶ mit Kreuzrinne
with crosswise groove



◆ Drahtwirbelzangen
Wire twisting forceps



GOSLEE

33.569.14 14,0 cm 5½"



| | | | | | |
|-----------|------------|---|-----------|-------------|---|
| 33.528.01 | 15,0 cm 6" | 1 | 33.528.03 | 16,0 cm 6¼" | 3 |
| 33.528.02 | 15,0 cm 6" | 2 | 33.528.04 | 18,0 cm 7" | 4 |



BAUMGARTNER

33.599.20 20,0 cm 8" ■



33.600.15 15,5 cm 6" ■



BERRY

33.601.19 19,0 cm 7½" ■

► kräftiges Modell
heavy pattern



Seitenschneider, Drahtkneifzangen
Wire cutting pliers



33.544.18 18,5 cm 7¼" ■



33.545.22 22,5 cm 8¾" ■



33.546.18 17,5 cm 7" ■



REILL
33.547.17 17,5 cm 7" ■



REILL
33.547.23 23,5 cm 9¼" ■



87.574.15 14,0 cm 5½" ■



PowerTools
PowerTools



BATTERY-DRIVEN
HANDPIECE

33.321.07

| | |
|--|---------|
| Spannung Voltage | 9,6 V |
| Motorenleistung Motor output | 70 Watt |
| Kapazität der Batterie Capacity of battery | 1,2 Ah |
| Geschwindigkeit Speed | 630 rpm |
| Max. Drehmoment Max. torque | 6,5 Nm |
| Gewicht inkl. Batterie Weight incl. battery | 1,25 kg |



AIR-DRIVEN HANDPIECE

33.326.05

| | |
|--------------------------|---------|
| Geschwindigkeit Speed | 600 rpm |
| Druck Pressure | 6,5 bar |

TUBE
REPLACEMENT

| | |
|-----------|--------|
| 33.326.30 | 3,0 mm |
| 33.326.50 | 5,0 mm |



STERNUM SAW
ATTACHMENT

33.308.35



RECHARGEABLE BATTERY

33.321.10



STERILIZATION FUNNEL FOR BATTERY

33.321.11



CHARGING UNIT

| | |
|-----------|-------|
| 33.321.14 | 220 V |
| 33.321.15 | 110 V |



◆ **Spannfutter**
Chucks



JACOBS

33.321.30

- ▶ für Rund- und Dreikantschäfte bis zu Ø 7,0 mm mit Schlüssel
for round and triangular shanks up to Ø 7,0 mm with key



33.321.42

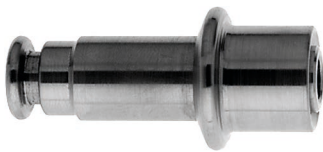
- ▶ für Bohrdrähte von Ø 0,8 mm bis zu Ø 3,0 mm
for drill wires from Ø 0,8 mm up to Ø 3,0 mm



33.308.34

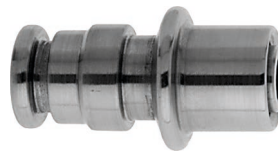
- ▶ für Acetabulum-Fräsen und Markraumbohren (100 U/min.)
for acetabular and intramedullary reaming (100 r/min.)

◆ **Adapter**
Adapters



33.321.62

- ▶ für AO- und Aesculap®-Aufsätze
for AO and Aesculap® attachments



33.321.64

- ▶ für DIN-Aufsätze
for DIN attachments



33.308.36

- ▶ Oszillierende Säge Standardanschluss für Sägeblätter AO
Oscillating saw standard connection for saw AO

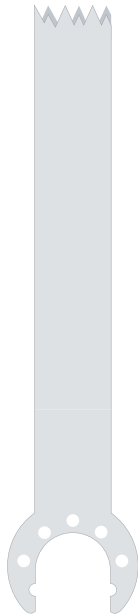


● Sägeblätter Synthes/AO
Saw blades Synthes/AO

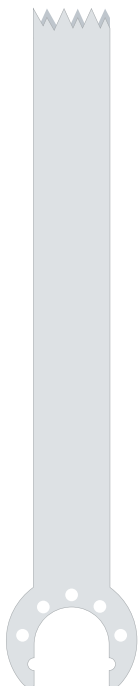
10 Verpackungseinheit
Packing unit



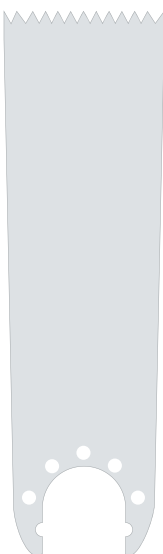
| | Länge Length | Breite Width | Dicke Thickness |
|-----------|-----------------|-----------------|--------------------|
| 33.303.01 | 50,0 mm | 13,0 mm | 0,89 mm |
| 33.303.02 | 50,0 mm | 13,0 mm | 1,00 mm |
| 33.303.03 | 50,0 mm | 13,0 mm | 1,19 mm |
| 33.303.04 | 50,0 mm | 13,0 mm | 1,27 mm |
| 33.303.05 | 50,0 mm | 13,0 mm | 1,37 mm |
| 33.303.06 | 50,0 mm | 13,0 mm | 1,47 mm |



| | Länge Length | Breite Width | Dicke Thickness |
|-----------|-----------------|-----------------|--------------------|
| 33.303.11 | 70,0 mm | 13,0 mm | 0,89 mm |
| 33.303.12 | 70,0 mm | 13,0 mm | 1,00 mm |
| 33.303.13 | 70,0 mm | 13,0 mm | 1,19 mm |
| 33.303.14 | 70,0 mm | 13,0 mm | 1,27 mm |
| 33.303.15 | 70,0 mm | 13,0 mm | 1,37 mm |
| 33.303.16 | 70,0 mm | 13,0 mm | 1,47 mm |



| | Länge Length | Breite Width | Dicke Thickness |
|-----------|-----------------|-----------------|--------------------|
| 33.303.21 | 90,0 mm | 13,0 mm | 0,89 mm |
| 33.303.22 | 90,0 mm | 13,0 mm | 1,00 mm |
| 33.303.23 | 90,0 mm | 13,0 mm | 1,19 mm |
| 33.303.24 | 90,0 mm | 13,0 mm | 1,27 mm |
| 33.303.25 | 90,0 mm | 13,0 mm | 1,37 mm |
| 33.303.26 | 90,0 mm | 13,0 mm | 1,47 mm |



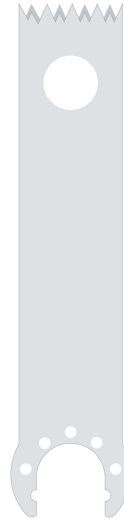
| | Länge Length | Breite Width | Dicke Thickness |
|-----------|-----------------|-----------------|--------------------|
| 33.309.16 | 48,0 mm | 27 mm | 0,4 mm |
| 33.309.17 | 68,0 mm | 27 mm | 0,8 mm |
| 33.309.18 | 68,0 mm | 27 mm | 0,6 mm |
| 33.309.19 | 68,0 mm | 27 mm | 1,0 mm |



10 Verpackungseinheit
Packing unit



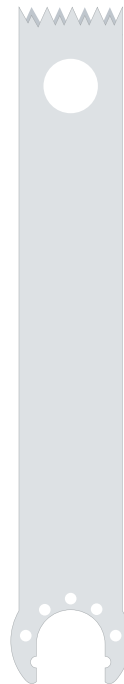
| | Länge Length | Breite Width | Dicke Thickness |
|-----------|-----------------|-----------------|--------------------|
| 33.304.01 | 50,0 mm | 19,0 mm | 0,89 mm |
| 33.304.02 | 50,0 mm | 19,0 mm | 1,00 mm |
| 33.304.03 | 50,0 mm | 19,0 mm | 1,19 mm |
| 33.304.04 | 50,0 mm | 19,0 mm | 1,27 mm |
| 33.304.05 | 50,0 mm | 19,0 mm | 1,37 mm |
| 33.304.06 | 50,0 mm | 19,0 mm | 1,47 mm |



| | Länge Length | Breite Width | Dicke Thickness |
|-----------|-----------------|-----------------|--------------------|
| 33.304.11 | 70,0 mm | 19,0 mm | 0,89 mm |
| 33.304.12 | 70,0 mm | 19,0 mm | 1,00 mm |
| 33.304.13 | 70,0 mm | 19,0 mm | 1,19 mm |
| 33.304.14 | 70,0 mm | 19,0 mm | 1,27 mm |
| 33.304.15 | 70,0 mm | 19,0 mm | 1,37 mm |
| 33.304.16 | 70,0 mm | 19,0 mm | 1,47 mm |



| | Länge Length | Breite Width | Dicke Thickness |
|-----------|-----------------|-----------------|--------------------|
| 33.304.21 | 90,0 mm | 19,0 mm | 0,89 mm |
| 33.304.22 | 90,0 mm | 19,0 mm | 1,00 mm |
| 33.304.23 | 90,0 mm | 19,0 mm | 1,19 mm |
| 33.304.24 | 90,0 mm | 19,0 mm | 1,27 mm |
| 33.304.25 | 90,0 mm | 19,0 mm | 1,37 mm |
| 33.304.26 | 90,0 mm | 19,0 mm | 1,47 mm |



| | Länge Length | Breite Width | Dicke Thickness |
|-----------|-----------------|-----------------|--------------------|
| 33.304.31 | 100 mm | 19,0 mm | 0,89 mm |
| 33.304.32 | 100 mm | 19,0 mm | 1,00 mm |
| 33.304.33 | 100 mm | 19,0 mm | 1,19 mm |
| 33.304.34 | 100 mm | 19,0 mm | 1,27 mm |
| 33.304.35 | 100 mm | 19,0 mm | 1,37 mm |
| 33.304.36 | 100 mm | 19,0 mm | 1,47 mm |



10 Verpackungseinheit
Packing unit

● **Spiralbohrer kanüliert, gerader Schaft**
Drill bit cannulated, straight shank

| | 1 | 2 | 3 | 4 | | 1 | 2 | 3 | 4 |
|-----------|---------|---------|----------|--------|-----------|----------|---------|----------|--------|
| 33.347.22 | 95,0 mm | 24,0 mm | Ø 2,2 mm | 1,2 mm | 33.347.35 | 90,0 mm | 30,0 mm | Ø 3,5 mm | 1,2 mm |
| 33.347.23 | 95,0 mm | 30,0 mm | Ø 2,5 mm | 1,4 mm | 33.347.42 | 90,0 mm | 30,0 mm | Ø 4,0 mm | 1,2 mm |
| 33.347.30 | 90,0 mm | 31,0 mm | Ø 3,0 mm | 1,4 mm | 33.347.48 | 150,0 mm | 40,0 mm | Ø 4,0 mm | 1,8 mm |
| 33.347.32 | 90,0 mm | 31,0 mm | Ø 3,0 mm | 1,8 mm | | | | | |

► kann mit weiteren Ansatzvarianten bestellt werden
can be ordered with further coupling variants

● **Spiralbohrer, gerader Schaft**
Drill bit, straight shank

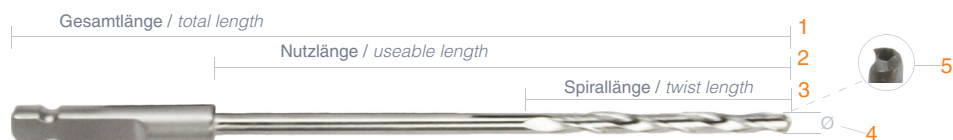
| | 1 | 2 | 3 | | 1 | 2 | 3 |
|------------|----------|---------|----------|------------|----------|---------|----------|
| 33.354.11 | 35,0 mm | 15,0 mm | Ø 1,1 mm | 33.354.22 | 150,0 mm | 50,0 mm | Ø 2,2 mm |
| 33.354.13 | 75,0 mm | 30,0 mm | Ø 1,3 mm | 33.354.25A | 50,0 mm | 15,0 mm | Ø 2,5 mm |
| 33.354.15A | 50,0 mm | 5,0 mm | Ø 1,5 mm | 33.354.25B | 75,0 mm | 30,0 mm | Ø 2,5 mm |
| 33.354.15B | 60,0 mm | 30,0 mm | Ø 1,5 mm | 33.354.25C | 95,0 mm | 40,0 mm | Ø 2,5 mm |
| 33.354.15 | 70,0 mm | 40,0 mm | Ø 1,5 mm | 33.354.25 | 95,0 mm | 45,0 mm | Ø 2,5 mm |
| 33.354.15C | 100,0 mm | 40,0 mm | Ø 1,5 mm | 33.354.25D | 150,0 mm | 50,0 mm | Ø 2,5 mm |
| 33.354.15D | 150,0 mm | 11,0 mm | Ø 1,5 mm | 33.354.27 | 75,0 mm | 30,0 mm | Ø 2,7 mm |
| 33.354.15E | 150,0 mm | 20,0 mm | Ø 1,5 mm | 33.354.28 | 100,0 mm | 45,0 mm | Ø 2,8 mm |
| 33.354.18 | 75,0 mm | 30,0 mm | Ø 1,8 mm | 33.354.28A | 130,0 mm | 60,0 mm | Ø 2,8 mm |
| 33.354.18A | 100,0 mm | 40,0 mm | Ø 1,8 mm | 33.354.28B | 165,0 mm | 50,0 mm | Ø 2,8 mm |
| 33.354.19 | 70,0 mm | 22,0 mm | Ø 1,9 mm | 33.354.29 | 100,0 mm | 30,0 mm | Ø 2,9 mm |
| 33.354.20A | 75,0 mm | 30,0 mm | Ø 2,0 mm | 33.354.30A | 50,0 mm | 15,0 mm | Ø 3,0 mm |
| 33.354.20 | 85,0 mm | 35,0 mm | Ø 2,0 mm | 33.354.30B | 75,0 mm | 30,0 mm | Ø 3,0 mm |
| 33.354.20B | 115,0 mm | 30,0 mm | Ø 2,0 mm | 33.354.30 | 100,0 mm | 40,0 mm | Ø 3,0 mm |
| 33.354.20C | 150,0 mm | 50,0 mm | Ø 2,0 mm | | | | |
| | 1 | 2 | 3 | | | | |
| 33.354.32 | 115,0 mm | 45,0 mm | Ø 3,2 mm | | | | |
| 33.354.32A | 125,0 mm | 25,0 mm | Ø 3,2 mm | | | | |
| 33.354.32B | 150,0 mm | 50,0 mm | Ø 3,2 mm | | | | |
| 33.355.32C | 200,0 mm | 50,0 mm | Ø 3,2 mm | | | | |
| 33.354.35A | 75,0 mm | 30,0 mm | Ø 3,5 mm | | | | |
| 33.354.35B | 100,0 mm | 55,0 mm | Ø 3,5 mm | | | | |
| 33.354.35 | 110,0 mm | 50,0 mm | Ø 3,5 mm | | | | |
| 33.354.35C | 145,0 mm | 50,0 mm | Ø 3,5 mm | | | | |
| 33.355.35 | 180,0 mm | 50,0 mm | Ø 3,5 mm | | | | |
| 33.355.35D | 195,0 mm | 60,0 mm | Ø 3,5 mm | | | | |
| 33.355.39 | 200,0 mm | 50,0 mm | Ø 3,9 mm | | | | |
| 33.354.40A | 50,0 mm | 15,0 mm | Ø 4,0 mm | | | | |
| 33.354.40B | 75,0 mm | 30,0 mm | Ø 4,0 mm | | | | |
| 33.354.40 | 110,0 mm | 70,0 mm | Ø 4,0 mm | | | | |
| 33.354.40C | 150,0 mm | 35,0 mm | Ø 4,0 mm | | | | |
| 33.355.40D | 180,0 mm | 50,0 mm | Ø 4,0 mm | | | | |
| 33.355.40E | 260,0 mm | 50,0 mm | Ø 4,0 mm | | | | |
| 33.355.40F | 270,0 mm | 50,0 mm | Ø 4,0 mm | | | | |

► kann mit weiteren Ansatzvarianten bestellt werden
can be ordered with further coupling variants



10 Verpackungseinheit
Packing unit

◆ Spiralschneider kanüliert, mit AO-Ansatz
Drill bit cannulated, with AO coupling



| | 1 | 2 | 3 | 4 | 5 | |
|-----------|----------|----------|---------|----------|--------|---|
| 33.348.20 | 95,0 mm | 70,0 mm | 26,0 mm | Ø 2,0 mm | 1,2 mm | ! |
| 33.348.23 | 95,0 mm | 70,0 mm | 30,0 mm | Ø 2,5 mm | 1,2 mm | |
| 33.348.24 | 120,0 mm | 95,0 mm | 40,0 mm | Ø 2,8 mm | 1,4 mm | |
| 33.348.26 | 150,0 mm | 125,0 mm | 40,0 mm | Ø 2,8 mm | 1,4 mm | |

| | 1 | 2 | 3 | 4 | 5 | |
|-----------|----------|----------|---------|----------|--------|---|
| 33.348.30 | 90,0 mm | 65,0 mm | 30,0 mm | Ø 3,0 mm | 1,4 mm | ! |
| 33.348.32 | 90,0 mm | 65,0 mm | 30,0 mm | Ø 3,0 mm | 1,8 mm | |
| 33.348.34 | 125,0 mm | 100,0 mm | 40,0 mm | Ø 3,0 mm | 1,4 mm | |
| 33.348.44 | 120,0 mm | 95,0 mm | 40,0 mm | Ø 4,0 mm | 1,8 mm | |
| 33.348.46 | 150,0 mm | 125,0 mm | 40,0 mm | Ø 4,0 mm | 1,8 mm | |

► kann mit weiteren Ansatzvarianten bestellt werden
can be ordered with further coupling variants

◆ Spiralschneider, mit AO-Ansatz
Drill bit, with AO coupling



| | 1 | 2 | 3 | 4 | |
|------------|----------|----------|---------|----------|---|
| 33.356.10 | 76,0 mm | 15,0 mm | 15,0 mm | Ø 1,0 mm | ! |
| 33.356.11 | 60,0 mm | 35,0 mm | 20,0 mm | Ø 1,1 mm | |
| 33.356.14 | 81,0 mm | 26,0 mm | 26,0 mm | Ø 1,4 mm | |
| 33.356.15 | 85,0 mm | 60,0 mm | 30,0 mm | Ø 1,5 mm | |
| 33.357.15 | 110,0 mm | 85,0 mm | 30,0 mm | Ø 1,5 mm | |
| 33.357.15A | 125,0 mm | 100,0 mm | 30,0 mm | Ø 1,5 mm | |
| 33.356.16 | 100,0 mm | 75,0 mm | 30,0 mm | Ø 1,6 mm | |
| 33.356.16A | 103,0 mm | 22,0 mm | 22,0 mm | Ø 1,6 mm | |
| 33.357.16 | 110,0 mm | 85,0 mm | 30,0 mm | Ø 1,6 mm | |
| 33.356.18 | 100,0 mm | 75,0 mm | 30,0 mm | Ø 1,8 mm | |
| 33.356.19 | 87,0 mm | 19,0 mm | 19,0 mm | Ø 1,9 mm | |
| 33.356.20 | 100,0 mm | 75,0 mm | 30,0 mm | Ø 2,0 mm | |
| 33.356.20A | 103,0 mm | 60,0 mm | 18,0 mm | Ø 2,0 mm | |
| 33.356.20B | 103,0 mm | 60,0 mm | 23,0 mm | Ø 2,0 mm | |

| | 1 | 2 | 3 | 4 | |
|------------|----------|----------|---------|----------|---|
| 33.356.27B | 125,0 mm | 100,0 mm | 30,0 mm | Ø 2,7 mm | ! |
| 33.356.27C | 125,0 mm | 100,0 mm | 50,0 mm | Ø 2,7 mm | |

| | | | | | |
|-----------|----------|---------|---------|----------|--|
| 33.356.29 | 100,0 mm | 75,0 mm | 30,0 mm | Ø 2,9 mm | |
|-----------|----------|---------|---------|----------|--|

| | | | | | |
|------------|----------|----------|---------|----------|--|
| 33.356.32A | 125,0 mm | 100,0 mm | 48,0 mm | Ø 3,2 mm | |
| 33.356.32B | 145,0 mm | 125,0 mm | 40,0 mm | Ø 3,2 mm | |
| 33.356.32C | 145,0 mm | 120,0 mm | 50,0 mm | Ø 3,2 mm | |
| 33.357.32 | 195,0 mm | 170,0 mm | 50,0 mm | Ø 3,2 mm | |
| 33.357.32D | 195,0 mm | 170,0 mm | 60,0 mm | Ø 3,2 mm | |
| 33.357.32E | 225,0 mm | 200,0 mm | 50,0 mm | Ø 3,2 mm | |

| | | | | | |
|------------|----------|----------|---------|----------|--|
| 33.356.35A | 110,0 mm | 85,0 mm | 30,0 mm | Ø 3,5 mm | |
| 33.356.35 | 110,0 mm | 83,0 mm | 50,0 mm | Ø 3,5 mm | |
| 33.357.35 | 195,0 mm | 170,0 mm | 50,0 mm | Ø 3,5 mm | |

| | | | | | |
|------------|----------|----------|---------|----------|--|
| 33.357.40 | 175,0 mm | 148,0 mm | 50,0 mm | Ø 4,0 mm | |
| 33.357.40A | 225,0 mm | 200,0 mm | 50,0 mm | Ø 4,0 mm | |

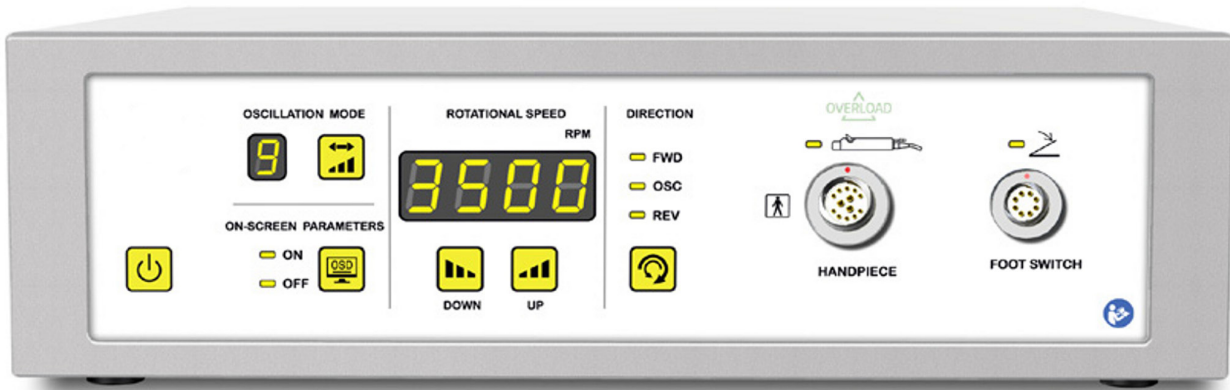
| | 1 | 2 | 3 | 4 | |
|------------|----------|----------|---------|----------|---|
| 33.356.20C | 115,0 mm | 90,0 mm | 30,0 mm | Ø 2,0 mm | ! |
| 33.356.20D | 125,0 mm | 100,0 mm | 30,0 mm | Ø 2,0 mm | ! |
| 33.356.20E | 125,0 mm | 100,0 mm | 50,0 mm | Ø 2,0 mm | |
| 33.356.20F | 175,0 mm | 150,0 mm | 60,0 mm | Ø 2,0 mm | |
| 33.356.20G | 180,0 mm | 155,0 mm | 40,0 mm | Ø 2,0 mm | |
| 33.356.24 | 100,0 mm | 75,0 mm | 30,0 mm | Ø 2,4 mm | |
| 33.356.24A | 100,0 mm | 75,0 mm | 50,0 mm | Ø 2,4 mm | |
| 33.356.25A | 87,0 mm | 62,0 mm | 26,0 mm | Ø 2,5 mm | |
| 33.356.25B | 100,0 mm | 75,0 mm | 50,0 mm | Ø 2,5 mm | |
| 33.356.25 | 110,0 mm | 85,0 mm | 30,0 mm | Ø 2,5 mm | |
| 33.356.25C | 110,0 mm | 85,0 mm | 50,0 mm | Ø 2,5 mm | |
| 33.356.25D | 135,0 mm | 115,0 mm | 40,0 mm | Ø 2,5 mm | |
| 33.356.25E | 165,0 mm | 140,0 mm | 40,0 mm | Ø 2,5 mm | |
| 33.357.25 | 180,0 mm | 115,0 mm | 50,0 mm | Ø 2,5 mm | |

| | | | | | |
|------------|----------|---------|---------|----------|--|
| 33.356.27 | 100,0 mm | 75,0 mm | 30,0 mm | Ø 2,7 mm | |
| 33.356.27A | 100,0 mm | 75,0 mm | 50,0 mm | Ø 2,7 mm | |

► kann mit weiteren Ansatzvarianten bestellt werden
can be ordered with further coupling variants



Steuer-Einheit
Control unit



97.722.00

Technische Daten

| | |
|-----------------------|---|
| Stromversorgung | 100-240 VAC;50/60 HZ |
| Stromverbrauch | 65 VA |
| Außenmaße | T: 250 mm x B: 330 mm x H: 96 mm |
| Gewicht | 4,8 kg |
| Umgebungstemperatur | bei Betriebs: +10°C bis +40°C bei Lagerung und Transport: -20°C to +45°C |
| Max. relative Feuchte | bei Betrieb: 70% bei Lagerung und Transport: 70% |
| Schutzklasse | Klasse I |
| CE Standard | EN 60601-1:2006+A1:2013; EN 60601-1-2:2015 |

Technical Data

| | |
|------------------------|---|
| Power supply | 100-240 VAC;50/60 HZ |
| Power consumption | 65 VA |
| External dimensions | D: 250 mm x W: 330 mm x H: 96 mm |
| Weight | 4,8 kg |
| Ambient temperature | during operation: +10°C bis +40°C during storage and transport: -20°C to +45°C |
| Max. relative humidity | during operation: 70% during storage und transport: 70% |
| Class of protection | Class I |
| CE Standard | EN 60601-1:2006+A1:2013; EN 60601-1-2:2015 |

Handstück
Handpiece



97.722.02

Technische Daten

| | |
|-------------------------|--|
| Länge | 164 mm |
| Gewicht | 325 g |
| Shaver Blade Futter | automatisch / Barracuda Typ |
| Geschwindigkeitsbereich | FWD, REV: 500 - 8000 RPM (+/- 10%) OSC: 5000 - 3500 RPM (+/- 10%) |
| Oszillationsmodi | 9 verschiedene Modi |
| Kabellänge | 3,2 m |
| Sterilisationsmethode | Dampfsterilisation 134°C |
| Umgebungstemperatur | bei Betrieb: +10°C bis +40°C bei Lagerung und Transport: -20°C to +45°C |
| Max. relative Feuchte | bei Betrieb: 100% bei Lagerung und Transport: 90% |
| Schutzklasse | Anwendungsteil - Typ BF |

Technical Data

| | |
|------------------------|---|
| Length | 164 mm |
| Weight | 325 g |
| Shaver blade chuck | automatic / Barracuda type |
| Speed range | FWD, REV: 500 - 8000 RPM (+/- 10%) OSC: 5000 - 3500 RPM (+/- 10%) |
| Oscillation modes | 9 different modes |
| Cable length | 3,2 m |
| Sterilization method | Steam sterilization 134°C |
| Ambient temperature | during operation: +10°C bis +40°C during storage and transport: -20°C to +45°C |
| Max. relative humidity | during operation: 100% during storage und transport: 90% |
| Class of protection | Applied part - type BF |

Rotationsmesser
Blades



FASTCUT BLADE

| | |
|-----------|--------|
| 97.725.29 | 2,9 mm |
| 97.725.35 | 3,5 mm |
| 97.725.45 | 4,5 mm |
| 97.725.55 | 5,5 mm |



FULL RADIUS BLADE

| | |
|-----------|--------|
| 97.726.29 | 2,9 mm |
| 97.726.35 | 3,5 mm |
| 97.726.45 | 4,5 mm |
| 97.726.55 | 5,5 mm |



CLEANCUT BLADE

| | |
|-----------|--------|
| 97.727.29 | 2,9 mm |
| 97.727.35 | 3,5 mm |
| 97.727.45 | 4,5 mm |
| 97.727.55 | 5,5 mm |



ROUND BUR

| | |
|-----------|--------|
| 97.728.45 | 4,5 mm |
| 97.728.55 | 5,5 mm |



OVAL BUR

| | |
|-----------|--------|
| 97.729.45 | 4,5 mm |
| 97.729.55 | 5,5 mm |



ARTHROSKOPISCHES SHAVER SYSTEM ARTHROSCOPIC SHAVER SYSTEM

◆ Fußschalter Footswitch



97.722.05

◆ Technische Daten

| | |
|------------------------------|---|
| Maße | T: 215 mm x B: 280 mm x H: 28 mm |
| Gewicht | 2,1 kg |
| Kabellänge | 3,2 m |
| Gehäuse-Sicherheitsstandards | IP X7 |
| Funktionen | Speed Up, Speed Down, START/STOP, Window Size, Direction |
| Umgebungstemperatur | bei Betrieb: +10°C bis +40°C bei Lagerung und Transport: -20°C bis +45°C |
| Max. relative Feuchte | bei Betrieb: 100% bei Lagerung und Transport: 90% |

◆ Technical Data

| | |
|-------------------------|---|
| Dimensions | D: 215 mm x W: 280 mm x H: 28 mm |
| Weight | 2,1 kg |
| Cable length | 3,2 m |
| Casing safety standards | IP X7 |
| Functions | Speed Up, Speed Down, START/STOP, Window Size, Direction |
| Ambient temperature | during operation: +10°C bis +40°C during storage and transport: -20°C to +45°C |
| Max. relative humidity | during operation: 100% during storage and transport: 90% |

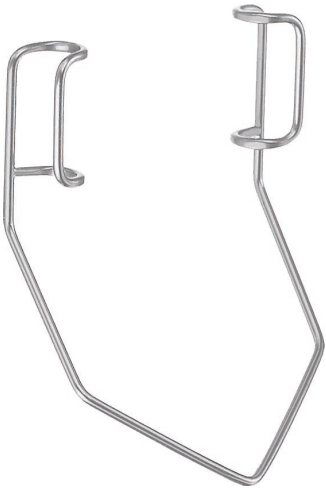
10

◆ OPTHALMOLOGIE
OPHTHALMOLOGY





● Lidsperrer
Eye specula



BARRAQUER

| | | |
|-----------|------------|---------|
| 42.101.01 | 2,0 cm ¾" | 3,0 mm |
| 42.101.02 | 2,8 cm 1" | 5,0 mm |
| 42.101.03 | 3,0 cm 1¼" | 10,0 mm |
| 42.101.04 | 4,0 cm 1½" | 14,0 mm |



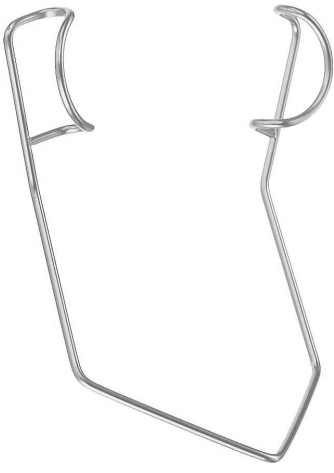
BARRAQUER

| | | |
|-----------|------------|---------|
| 42.101.07 | 4,0 cm 1½" | 15,0 mm |
|-----------|------------|---------|



BARRAQUER

| | | |
|-----------|------------|---------|
| 42.102.03 | 3,5 cm 1½" | 11,0 mm |
| 42.102.04 | 4,0 cm 1½" | 15,0 mm |



BARRAQUER

| | | |
|-----------|------------|---------|
| 42.102.06 | 4,0 cm 1½" | 10,0 mm |
| 42.102.07 | 4,0 cm 1½" | 14,0 mm |



LIEBERMANN

| | | |
|-----------|------------|---------|
| 42.148.01 | 6,2 cm 2½" | 15,0 mm |
|-----------|------------|---------|

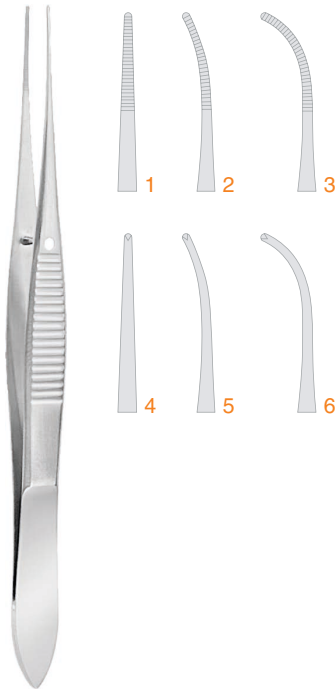


LIEBERMANN

| | | |
|-----------|------------|---------|
| 42.148.03 | 6,2 cm 2½" | 15,0 mm |
|-----------|------------|---------|

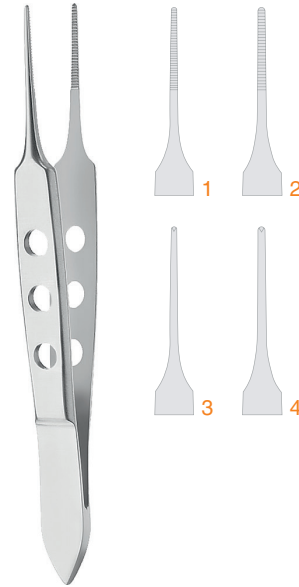


◆ Irispinzetten
Iris forceps



GRAEFE

| | | | | | |
|-----------|------------|---|-----------|------------|-------|
| 42.810.10 | 10,0 cm 4" | 1 | 42.820.10 | 10,0 cm 4" | 4 |
| 42.811.10 | 10,0 cm 4" | 2 | 42.821.10 | 10,0 cm 4" | 1:2 5 |
| 42.813.10 | 10,0 cm 4" | 3 | 42.823.10 | 10,0 cm 4" | 6 |



BISHOP-HARMAN

| | | | | | | | |
|-----------|------------|--------|---|-----------|------------|--------|-------|
| 42.940.05 | 8,5 cm 3¼" | 0,5 mm | 1 | 42.942.05 | 8,5 cm 3¼" | 0,5 mm | 3 |
| 42.940.08 | 8,5 cm 3¼" | 0,8 mm | 2 | 42.942.08 | 8,5 cm 3¼" | 0,8 mm | 1:2 4 |

◆ Fixierpinzetten
Fixation forceps



ELSCHING

| | | |
|-----------|-------------|-----|
| 43.046.11 | 11,0 cm 4¼" | 1:2 |
|-----------|-------------|-----|



GRAEFE

| | | | |
|-----------|-------------|-----------|-------------|
| 43.050.11 | 11,0 cm 4¼" | 43.052.11 | 11,0 cm 4¼" |
|-----------|-------------|-----------|-------------|

▶ mit Sperre
with lock



LESTER

| | | |
|-----------|------------|-----|
| 43.054.09 | 9,0 cm 3½" | 1:2 |
|-----------|------------|-----|



◆ Nahtpinzetten
Suture forceps



GREEN

| | | |
|-----------|---------|----|
| 43.076.10 | 10,0 cm | 4" |
|-----------|---------|----|



CASTROVIEJO

| | | | |
|-----------|---------|----|---------|
| 43.150.01 | 10,0 cm | 4" | 0,12 mm |
| 43.150.03 | 10,0 cm | 4" | 0,3 mm |
| 43.150.05 | 10,0 cm | 4" | 0,5 mm |
| 43.150.10 | 10,0 cm | 4" | 1,0 mm |
| 43.150.15 | 10,0 cm | 4" | 1,5 mm |



CASTROVIEJO

| | | | |
|-----------|---------|----|---------|
| 43.151.01 | 10,0 cm | 4" | 0,12 mm |
| 43.151.05 | 10,0 cm | 4" | 0,5 mm |
| 43.151.10 | 10,0 cm | 4" | 1,0 mm |
| 43.151.15 | 10,0 cm | 4" | 1,5 mm |

◆ Chalazionspinzetten
Chalazion forceps



DESMARRES

| | | | |
|-----------|--------|-----|---------|
| 43.254.09 | 9,0 cm | 3½" | 20,0 mm |
| 43.256.09 | 9,0 cm | 3½" | 26,0 mm |
| 43.258.09 | 9,0 cm | 3½" | 31,0 mm |



HUNT

| | | | |
|-----------|--------|-----|---------|
| 43.260.09 | 9,5 cm | 3¾" | 12,0 mm |
|-----------|--------|-----|---------|

11

◆ OTOLOGIE
OTOLOGY





● Ohr Spekula
Ear specula



HARTMANN

44.010.00

bestehend aus:
consisting of:

| | | |
|-----------|----------|------|
| 44.010.45 | Ø 4,5 mm | N° 1 |
| 44.010.55 | Ø 5,5 mm | N° 2 |
| 44.010.65 | Ø 6,5 mm | N° 3 |
| 44.010.75 | Ø 7,5 mm | N° 4 |



TOYNBEE

44.012.00

bestehend aus:
consisting of:

| | | |
|-----------|----------|------|
| 44.012.55 | Ø 5,5 mm | N° 2 |
| 44.012.65 | Ø 6,5 mm | N° 3 |
| 44.012.75 | Ø 7,5 mm | N° 4 |



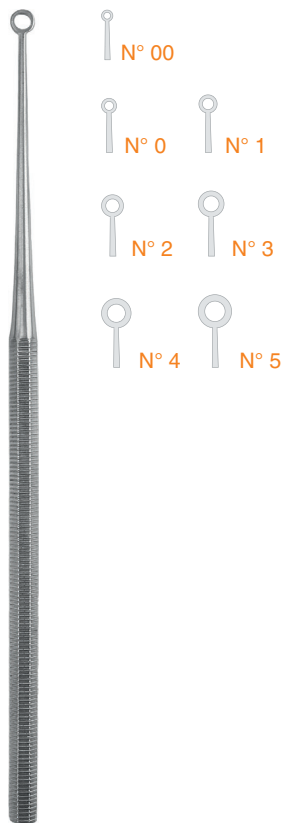
GRUBER

44.014.00

bestehend aus:
consisting of:

| | | |
|-----------|----------|------|
| 44.014.45 | Ø 4,5 mm | N° 1 |
| 44.014.55 | Ø 5,5 mm | N° 2 |
| 44.014.65 | Ø 6,5 mm | N° 3 |
| 44.014.75 | Ø 7,5 mm | N° 4 |

● Ohr Küretten
Ear cures



BUCK

| | | |
|-----------|-------------|-------|
| 44.109.00 | 16,5 cm 6½" | N° 00 |
| 44.110.00 | 16,5 cm 6½" | N° 0 |
| 44.110.01 | 16,5 cm 6½" | N° 1 |
| 44.110.02 | 16,5 cm 6½" | N° 2 |
| 44.110.03 | 16,5 cm 6½" | N° 3 |
| 44.110.04 | 16,5 cm 6½" | N° 4 |
| 44.110.05 | 16,5 cm 6½" | N° 5 |

▶ gerade, stumpf
straight, blunt

| | | |
|-----------|-------------|-------|
| 44.111.00 | 16,5 cm 6½" | N° 00 |
| 44.112.00 | 16,5 cm 6½" | N° 0 |
| 44.112.01 | 16,5 cm 6½" | N° 1 |
| 44.112.02 | 16,5 cm 6½" | N° 2 |
| 44.112.03 | 16,5 cm 6½" | N° 3 |
| 44.112.04 | 16,5 cm 6½" | N° 4 |
| 44.112.05 | 16,5 cm 6½" | N° 5 |

▶ gerade, scharf
straight, sharp

| | | |
|-----------|-------------|-------|
| 44.114.00 | 16,5 cm 6½" | N° 00 |
| 44.115.00 | 16,5 cm 6½" | N° 0 |
| 44.115.01 | 16,5 cm 6½" | N° 1 |
| 44.115.02 | 16,5 cm 6½" | N° 2 |
| 44.115.03 | 16,5 cm 6½" | N° 3 |
| 44.115.04 | 16,5 cm 6½" | N° 4 |
| 44.115.05 | 16,5 cm 6½" | N° 5 |

▶ gebogen, stumpf
curved, blunt

| | | |
|-----------|-------------|-------|
| 44.116.00 | 16,5 cm 6½" | N° 00 |
| 44.117.00 | 16,5 cm 6½" | N° 0 |
| 44.117.01 | 16,5 cm 6½" | N° 1 |
| 44.117.02 | 16,5 cm 6½" | N° 2 |
| 44.117.03 | 16,5 cm 6½" | N° 3 |
| 44.117.04 | 16,5 cm 6½" | N° 4 |
| 44.117.05 | 16,5 cm 6½" | N° 5 |

▶ gebogen, scharf
curved, straight



◆ Paracentesenadeln
Paracentesis needles



POLITZER

44.150.18 18,0 cm 7"



POLITZER

44.151.16 16,5 cm 6½"

◆ Furunkelmesser
Furuncle knife



POLITZER

44.160.15 15,0 cm 6"

◆ Ohrmesser
Ear knives



SEXTON

44.162.18 18,0 cm 7"



SEXTON

44.164.17 17,0 cm 6¾"



SEXTON

44.165.17 17,0 cm 6¾"



● Ohrschlingen
Ear loops



BILLEAU

| | | |
|-----------|-------------|------|
| 44.180.01 | 16,5 cm 6½" | N° 1 |
| 44.180.02 | 16,5 cm 6½" | N° 2 |
| 44.180.03 | 16,5 cm 6½" | N° 3 |

● Ohrpinzetten
Ear forceps



LUCAE

| | |
|-----------|-------------|
| 44.206.14 | 14,0 cm 5½" |
|-----------|-------------|



LUCAE

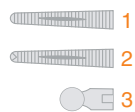
| | | |
|-----------|-------------|--|
| 44.206.15 | 14,0 cm 5½" | |
| 1:2 | | |



JANSEN

| | |
|-----------|-------------|
| 44.206.16 | 16,0 cm 6¼" |
|-----------|-------------|

● Ohrpolypenzangen
Ear polypus forceps

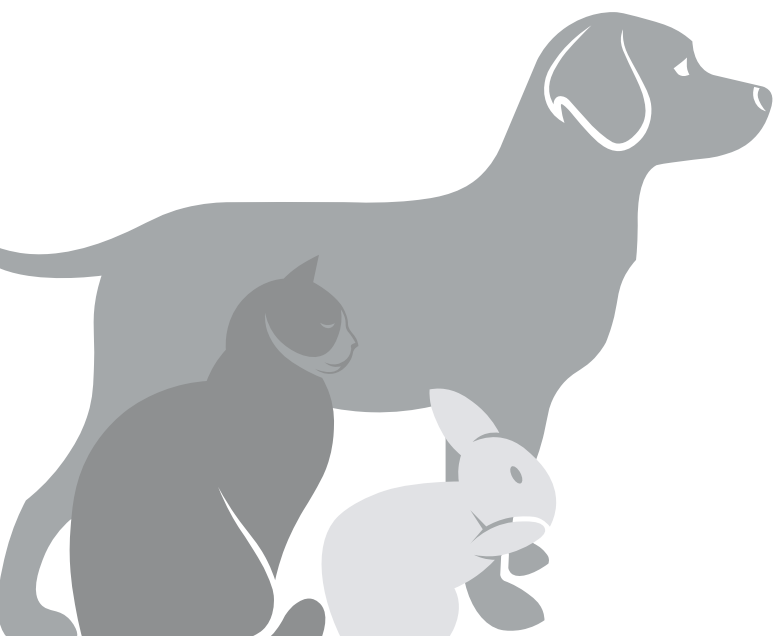


HARTMANN

| | | | | | | | | | | |
|-----------|-------------|---|-----------|-------------|-----|---|-----------|------------|----------|---|
| 44.261.08 | 8,5 cm 3¼" | 1 | 44.263.08 | 8,5 cm 3¼" | | 2 | 44.267.20 | 8,5 cm 3¼" | Ø 2,0 mm | 3 |
| 44.261.14 | 14,0 cm 5½" | | 44.263.14 | 14,0 cm 5½" | 1:2 | | 44.267.25 | 8,5 cm 3¼" | Ø 2,5 mm | |
| 44.261.16 | 16,0 cm 6¼" | | | | | | 44.267.30 | 8,5 cm 3¼" | Ø 3,0 mm | |

12

◆ RHINOLOGIE
RHINOLOGY





◆ Nasen Spekula
Nasal specula



HARTMANN-HALLE

| | | |
|-----------|------------|-------|
| 46.102.01 | 15,0 cm 6" | 25 mm |
| 46.102.02 | 15,0 cm 6" | 30 mm |
| 46.102.03 | 15,0 cm 6" | 35 mm |



VIENNA

| | | |
|-----------|-------------|-------|
| 46.112.01 | 14,0 cm 5½" | 25 mm |
| 46.112.02 | 14,0 cm 5½" | 30 mm |
| 46.112.03 | 14,0 cm 5½" | 35 mm |



KILLIAN

| | | |
|-----------|------------|-------|
| 46.120.35 | 13,0 cm 5" | 35 mm |
| 46.120.50 | 13,0 cm 5" | 50 mm |
| 46.120.75 | 13,0 cm 5" | 75 mm |
| 46.120.90 | 13,0 cm 5" | 90 mm |

◆ Nasen Pinzette
Nasal forceps



JANSEN

| | |
|-----------|------------|
| 46.154.20 | 20,0 cm 8" |
|-----------|------------|



JANSEN

| | | |
|-----------|-------------|-----|
| 46.156.16 | 16,0 cm 6¼" | |
| | | 1:2 |

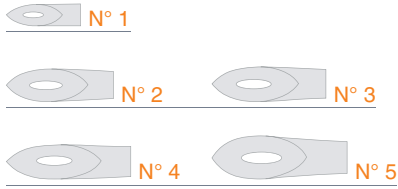


GRUENWALD

| | | |
|-----------|-------------|-----|
| 46.158.18 | 18,5 cm 7¼" | 1 |
| 46.158.19 | 20,0 cm 8" | 2 |
| | | 1:2 |



◆ Scharfe Nasenzange
Nasal cutting forceps



WEIL-BLAKESLEY

| | Gesamtlänge Total length | Schaftlänge Shaft length | |
|-----------|-----------------------------|-----------------------------|------|
| 46.221.01 | 19,0 cm 7½" | 120 mm | N° 1 |
| 46.221.02 | 19,0 cm 7½" | 120 mm | N° 2 |
| 46.221.03 | 19,0 cm 7½" | 120 mm | N° 3 |
| 46.221.04 | 19,0 cm 7½" | 120 mm | N° 4 |
| 46.221.05 | 19,0 cm 7½" | 120 mm | N° 5 |

▶ ohne Hals
without neck

▶ mit Hals
with neck

◆ Septum-Quetschzange
Septum crushing forceps



RUBIN

46.251.21 21,0 cm 8¼"

◆ Nasenstanzen
Nasal punches



KERRISON

| | | | |
|-----------|-------------|--------|---|
| 46.303.03 | 17,0 cm 6¾" | 3x3 mm | 1 |
| 46.303.04 | 17,0 cm 6¾" | 4x4 mm | 2 |
| 46.303.05 | 17,0 cm 6¾" | 5x5 mm | 3 |
| 46.303.06 | 17,0 cm 6¾" | 6x6 mm | 4 |



HAJEK-KOFLER

| | | | | | | | |
|-----------|-------------|------------|--|-----------|-------------|------------|--|
| 46.305.01 | 14,0 cm 5½" | 3,5x3,5 mm | | 46.305.02 | 14,0 cm 5½" | 3,5x3,5 mm | |
|-----------|-------------|------------|--|-----------|-------------|------------|--|

▶ oben schneidend
up cutting

▶ unten schneidend
down cutting



◆ Nasenmesser
Nasal knives



JOSEPH

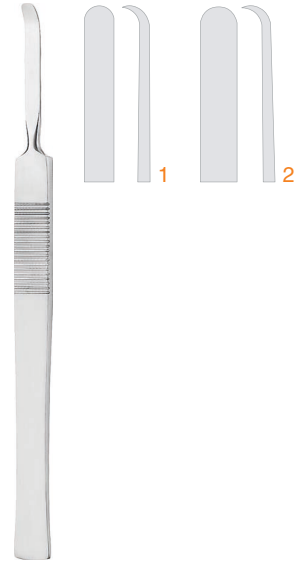
46.376.16 16,0 cm 6¼"



CONVERSE

46.379.16 16,0 cm 6¼"

◆ Septum Elevatorien
Septum elevators



McKENTY

| | | | |
|-----------|------------|------|---|
| 46.410.04 | 15,0 cm 6" | 4 mm | 1 |
| 46.410.05 | 15,0 cm 6" | 5 mm | 2 |



COTTLE

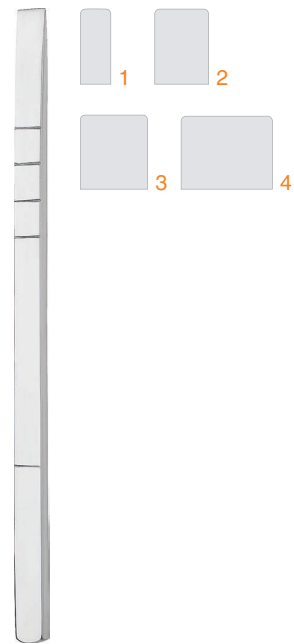
46.421.23 23,0 cm 9"



KILLIAN

46.426.22 23,0 cm 9"

◆ Nasenplastik Meißel
Rhinoplastic chisels



COTTLE

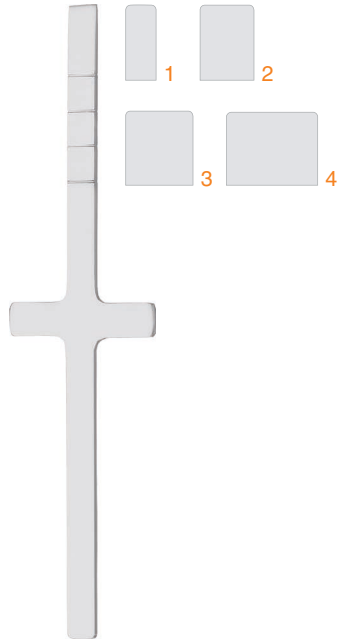
| | | | |
|-----------|------------|-------|---|
| 46.454.04 | 18,0 cm 7" | 4 mm | 1 |
| 46.454.07 | 18,0 cm 7" | 7 mm | 2 |
| 46.454.09 | 18,0 cm 7" | 9 mm | 3 |
| 46.454.12 | 18,0 cm 7" | 12 mm | 4 |

▶ *graduirt*
graduated



COTTLE

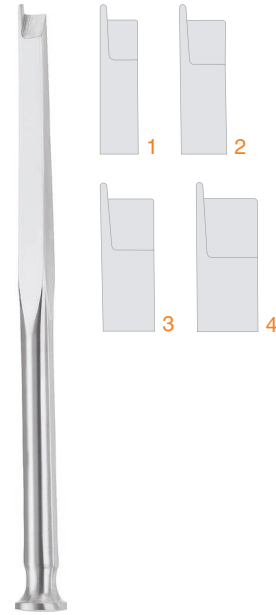
46.455.06 18,0 cm 7" 6 mm



COTTLE

46.458.04 18,0 cm 7" 4 mm 1
46.458.07 18,0 cm 7" 7 mm 2
46.458.09 18,0 cm 7" 9 mm 3
46.458.12 18,0 cm 7" 12 mm 4

▶ *graduirt*
graduated



FOMON

46.470.04 17,0 cm 6¾" 4 mm 1
46.470.05 17,0 cm 6¾" 7 mm 2
46.470.06 17,0 cm 6¾" 9 mm 3
46.470.17 17,0 cm 6¾" 12 mm 4

◆ **Nasenraspeln**
Nasal rasps



WIENER (AUFRICHT)

46.511.21 21,0 cm 8¼" 1
46.513.21 21,0 cm 8¼" 2



JOSEPH (LEWIS)

46.514.16 18,0 cm 7" 1
46.516.16 18,0 cm 7" 2



MALTZ (COTTLE)

46.518.21 21,0 cm 8¼"



◆ **Nasenhaken**
Nasal hooks



FOMON

| | | |
|-----------|------------|---------|
| 46.522.01 | 20,0 cm 8" | N° 112 |
| 46.522.03 | 20,0 cm 8" | N° 314 |
| 46.522.05 | 20,0 cm 8" | N° 516 |
| 46.522.07 | 20,0 cm 8" | N° 718 |
| 46.522.09 | 20,0 cm 8" | N° 9110 |



COTTLE

| | |
|-----------|-------------|
| 46.556.14 | 14,5 cm 5¾" |
|-----------|-------------|



FOMON

| | |
|-----------|-------------|
| 46.556.16 | 16,0 cm 6¼" |
|-----------|-------------|



FOMON

| | |
|-----------|-------------|
| 46.557.17 | 17,0 cm 6¾" |
|-----------|-------------|



COTTLE-NEIVERT

| | |
|-----------|------------|
| 46.559.20 | 20,0 cm 8" |
|-----------|------------|

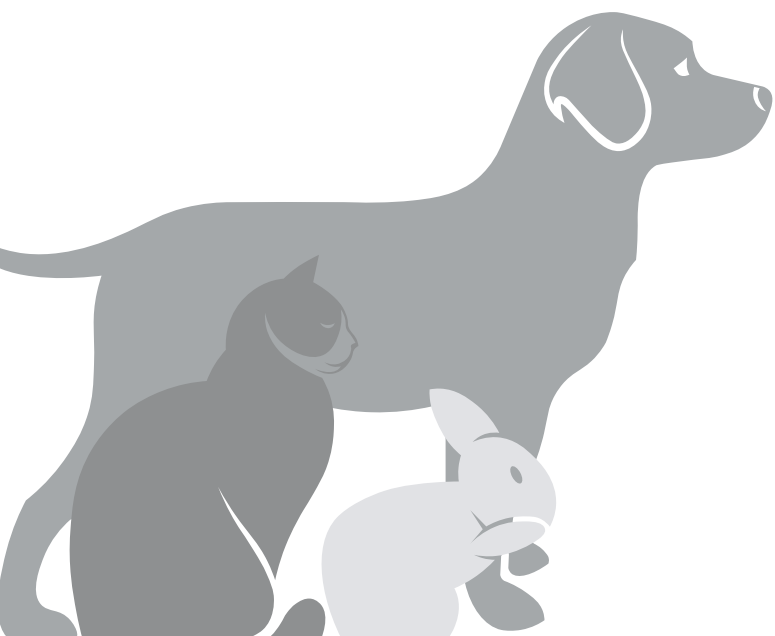


GILLIES

| | | |
|-----------|------------|------|
| 46.560.18 | 18,0 cm 7" | N° 1 |
| 46.562.18 | 18,0 cm 7" | N° 2 |

13

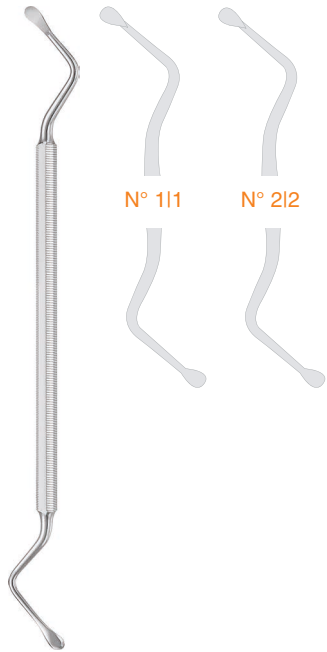
◆ DENTAL INSTRUMENTE
DENTAL INSTRUMENTS





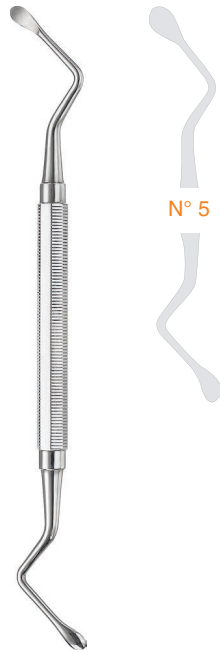
DENTAL INSTRUMENTE
DENTAL INSTRUMENTS

◆ **Scharfe Löffel**
Bone curettes



LUCAS

82.889.11 17,0 cm 6¾" N° 111
82.889.22 17,0 cm 6¾" N° 212



MEAD

82.890.05 17,0 cm 6¾" N° 5



MOLT

82.909.01 16,0 cm 6¼"

◆ **Feilen**
Files



MILLER-COLBURN

82.895.01 18,0 cm 7" N° 1

▶ abwärts schneidend
downwards cutting



MILLER-COLBURN

82.895.02 18,0 cm 7" N° 2

▶ abwärts schneidend
downwards cutting



MILLER-COLBURN

82.895.03 18,0 cm 7" N° 3

▶ abwärts schneidend
downwards cutting



MILLER-COLBURN

82.895.04 18,0 cm 7" N° 4

▶ abwärts schneidend
downwards cutting



● Elevatorien
Elevators



WILLIGER

82.898.17 17,0 cm 6¾"



WILLIGER

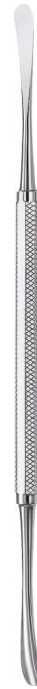
82.899.16 16,0 cm 6¼"

● Raspatorien
Periosteal elevators



OHL

82.902.18 18,0 cm 7"



GOLDMAN-FOX

82.921.14 18,0 cm 7"



WILLIGER

32.713.13 13,0 cm 5"



WILLIGER

32.713.16 16,0 cm 6¼"



MOLT

82.909.24 19,0 cm 7½"



MOLT

82.910.09 19,0 cm 7½"



DENTAL INSTRUMENTE
DENTAL INSTRUMENTS

◆ **Flachmeißel**
Chisels



WAKEFILED

82.931.01 17,0 cm 6¾"



FREER

46.450.04 16,0 cm 6¼" 4 mm



FREER

46.451.04 16,0 cm 6¼" 4 mm

◆ **Zahnzangen**
Extracting forceps



81.001.00 19,0 cm 7½" **N° 1**



MILWAUKEE

81.003.00 19,0 cm 7½" **N° 3**



81.010.04 19,0 cm 7½" **N° 10H**



81.017.00 19,0 cm 7½" N° 17



81.062.00 19,0 cm 7½" N° 62



CRYER

81.150.00 19,0 cm 7½" N° 150



CRYER

81.151.00 19,0 cm 7½" N° 151



81.222.00 19,0 cm 7½" N° 222

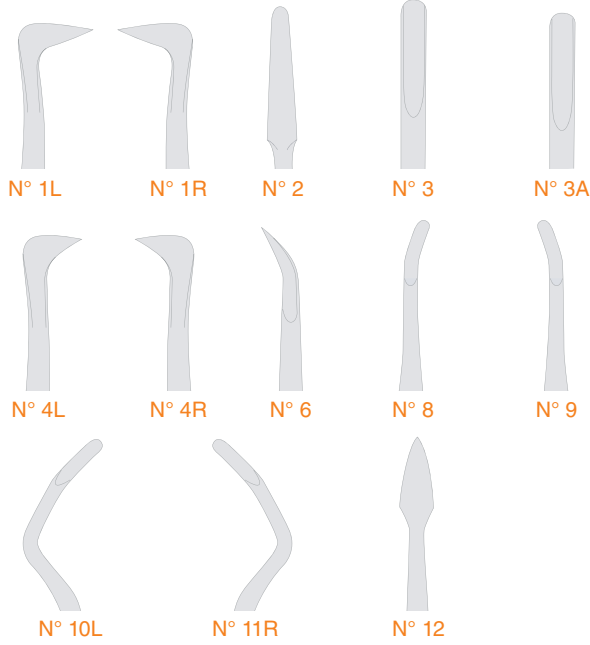


81.286.00 19,0 cm 7½" N° 286



DENTAL INSTRUMENTE
DENTAL INSTRUMENTS

● **Wurzelheber**
Root elevators



| | | | |
|-----------|------------|-------|--------|
| 82.001.05 | 15,5 cm 6" | N° 1L | SELDIN |
| 82.001.08 | 15,5 cm 6" | N° 1R | SELDIN |
| 82.002.00 | 15,5 cm 6" | N° 2 | SELDIN |
| 82.003.00 | 15,5 cm 6" | N° 3 | SELDIN |
| 82.003.01 | 15,5 cm 6" | N° 3A | CRYER |
| 82.004.05 | 15,5 cm 6" | N° 4L | SELDIN |
| 82.004.08 | 15,5 cm 6" | N° 4R | SELDIN |

| | | | |
|-----------|------------|--------|----------------|
| 82.006.00 | 15,5 cm 6" | N° 6 | CRANE-GOGSWELL |
| 82.008.00 | 15,5 cm 6" | N° 8 | MILLER |
| 82.009.00 | 15,5 cm 6" | N° 9 | MILLER |
| 82.010.00 | 15,5 cm 6" | N° 10L | MILLER-APEXO |
| 82.011.00 | 15,5 cm 6" | N° 11R | MILLER-APEXO |
| 82.012.00 | 15,5 cm 6" | N° 12 | CRYER |



| | | | |
|-----------|------------|--------|--------|
| 82.027.00 | 15,5 cm 6" | N° 27L | CRYER |
| 82.028.00 | 15,5 cm 6" | N° 28R | CRYER |
| 82.027.01 | 15,5 cm 6" | N° 27S | CRYER |
| 82.028.01 | 15,5 cm 6" | N° 28S | CRYER |
| 82.034.00 | 15,5 cm 6" | N° 34 | SELDIN |
| 82.034.09 | 15,5 cm 6" | N° 34S | SELDIN |

| | | | |
|-----------|------------|--------|-----------|
| 82.039.00 | 15,5 cm 6" | N° 39L | CRYER |
| 82.040.00 | 15,5 cm 6" | N° 40R | CRYER |
| 82.046.00 | 15,5 cm 6" | N° 46 | FLOHR |
| 82.050.00 | 15,5 cm 6" | N° 50L | W.F-BARRY |
| 82.051.00 | 15,5 cm 6" | N° 51R | W.F-BARRY |



Wurzelspitzenheber
Root fragment elevators



HEIDBRINK

| | | |
|-----------|---------------------------|-------|
| 82.582.01 | 14,5 cm 5 $\frac{3}{4}$ " | N° 1 |
| 82.582.02 | 14,5 cm 5 $\frac{3}{4}$ " | N° 2L |
| 82.582.03 | 14,5 cm 5 $\frac{3}{4}$ " | N° 3R |



WEST

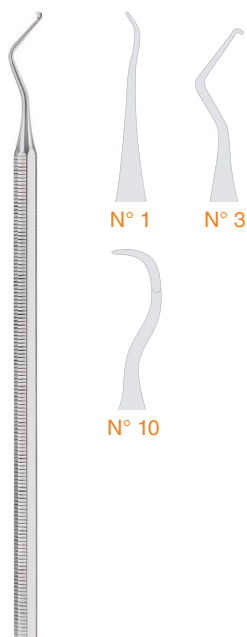
| | | |
|-----------|---------------------------|------|
| 82.583.09 | 17,0 cm 6 $\frac{3}{4}$ " | N° 1 |
|-----------|---------------------------|------|



WEST HEIDBRINK

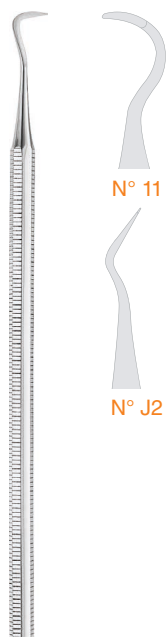
| | | |
|-----------|---------------------------|------|
| 82.587.01 | 17,0 cm 6 $\frac{3}{4}$ " | N° 1 |
|-----------|---------------------------|------|

Reinigungsinstrumente
Scalers

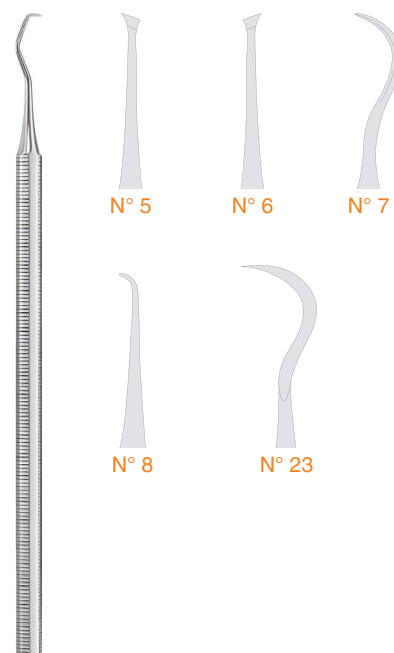


McCALL

| | | |
|-----------|------------|-------|
| 83.277.01 | 15,0 cm 6" | N° 1 |
| 83.277.03 | 15,0 cm 6" | N° 3 |
| 83.277.10 | 15,0 cm 6" | N° 10 |



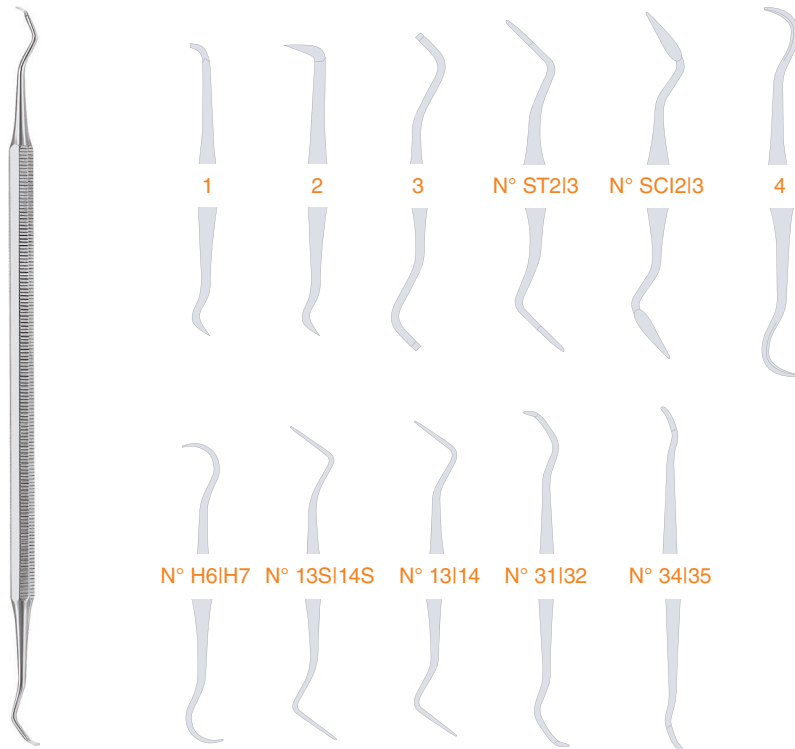
| | | | |
|-----------|------------|-------|-------------|
| 83.251.11 | 15,0 cm 6" | N° 11 | DARBY-PERRY |
| 83.271.02 | 15,0 cm 6" | N° J2 | JACQUETTE |



| | | | |
|-----------|------------|-------|-----------|
| 83.301.05 | 15,5 cm 6" | N° 5 | SCHARMANN |
| 83.301.06 | 15,5 cm 6" | N° 6 | SCHARMANN |
| 83.301.07 | 15,5 cm 6" | N° 7 | SCHARMANN |
| 83.301.08 | 15,5 cm 6" | N° 8 | SCHARMANN |
| 83.307.23 | 15,5 cm 6" | N° 23 | SICHEL |

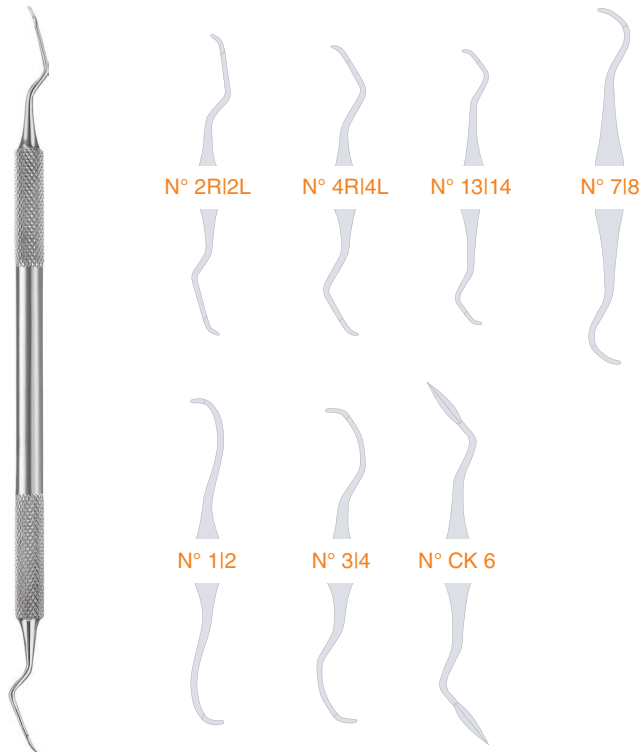


DENTAL INSTRUMENTE
DENTAL INSTRUMENTS



| | | | | | | | |
|-----------|-------------|-----------|--------------|-----------|-------------|------------|-----------|
| 83.282.02 | 16,5 cm 6½" | 1 | CUMINE | 83.312.07 | 16,5 cm 6½" | N° H6IH7 | HYGIENIST |
| 83.283.02 | 16,5 cm 6½" | 2 | MITCHELL | 83.312.13 | 16,5 cm 6½" | N° 13SI14S | McCALL |
| 83.292.29 | 16,5 cm 6½" | 3 | | 83.312.14 | 16,5 cm 6½" | N° 13I14 | McCALL |
| 83.293.01 | 16,5 cm 6½" | N° ST2I3 | TAYLOR | 83.323.02 | 16,5 cm 6½" | N° 31I32 | JACQUETTE |
| 83.293.02 | 16,5 cm 6½" | N° SCI2I3 | | 83.323.03 | 16,5 cm 6½" | N° 34I35 | JACQUETTE |
| 83.296.04 | 16,5 cm 6½" | 4 | YOUNGER-GOOD | | | | |

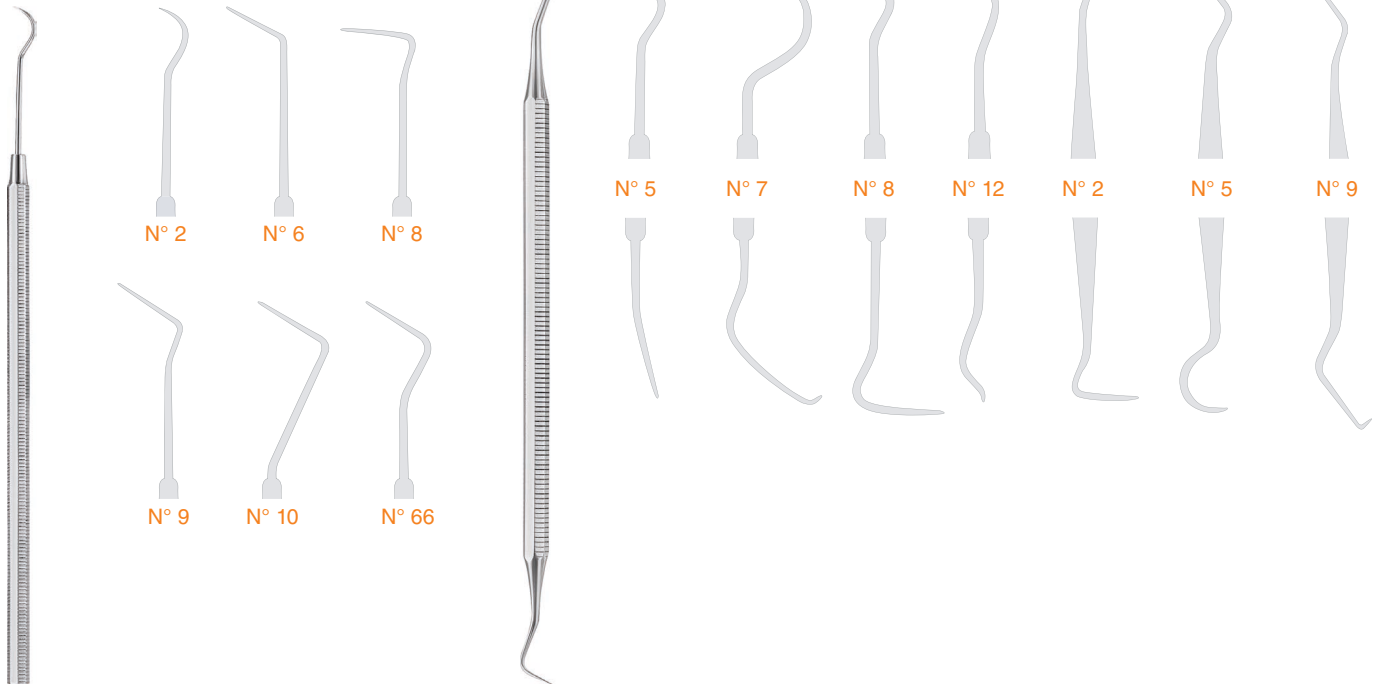
◆ **Küretten**
Curettes



| | | | | | | | |
|-----------|-------------|----------|---------------|-----------|-------------|---------|--------------|
| 83.290.02 | 17,0 cm 6¾" | N° 2RI2L | COLUMBIA | 83.295.02 | 17,0 cm 6¾" | N° 1I2 | LANGER |
| 83.290.04 | 17,0 cm 6¾" | N° 4RI4L | COLUMBIA | 83.295.04 | 17,0 cm 6¾" | N° 3I4 | LANGER |
| 83.290.14 | 17,0 cm 6¾" | N° 13I14 | COLUMBIA | 83.293.06 | 17,0 cm 6¾" | N° CK 6 | CRANE-KAPLAN |
| 83.291.08 | 17,0 cm 6¾" | N° 7I8 | YOUNGER-GOODS | | | | |



● Zahnsonden
Dental explorers



| | | |
|-----------|------------|-------|
| 83.391.02 | 15,0 cm 6" | N° 2 |
| 83.391.06 | 15,0 cm 6" | N° 6 |
| 83.391.08 | 15,0 cm 6" | N° 8 |
| 83.391.09 | 15,0 cm 6" | N° 9 |
| 83.391.10 | 15,0 cm 6" | N° 10 |
| 83.391.66 | 15,0 cm 6" | N° 66 |

| | | |
|-----------|-------------|--------------|
| 83.392.05 | 16,5 cm 6½" | N° 5 |
| 83.392.07 | 16,5 cm 6½" | N° 7 |
| 83.392.08 | 16,5 cm 6½" | N° 8 |
| 83.392.12 | 16,5 cm 6½" | N° 12 WESTON |

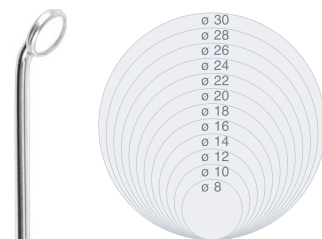
| | | |
|-----------|-------------|------|
| 83.421.02 | 16,5 cm 6½" | N° 2 |
| 83.421.05 | 16,5 cm 6½" | N° 5 |
| 83.421.09 | 16,5 cm 6½" | N° 9 |

● Mundspiegel
Mouth mirrors



LANGE

| | | |
|-----------|-------------|------|
| 83.399.01 | 16,5 cm 6½" | N° 1 |
|-----------|-------------|------|



| | | |
|-----------|---------|-------|
| 52.270.08 | 8,0 mm | N° 00 |
| 52.270.10 | 10,0 mm | N° 0 |
| 52.270.12 | 12,0 mm | N° 1 |
| 52.270.14 | 14,0 mm | N° 2 |
| 52.270.16 | 16,0 mm | N° 3 |
| 52.270.18 | 18,0 mm | N° 4 |
| 52.270.20 | 20,0 mm | N° 5 |
| 52.270.22 | 22,0 mm | N° 6 |
| 52.270.24 | 24,0 mm | N° 7 |
| 52.270.26 | 26,0 mm | N° 8 |
| 52.270.28 | 28,0 mm | N° 9 |
| 52.270.30 | 30,0 mm | N° 10 |



| | | |
|-----------|--|--|
| 52.276.10 | | |
|-----------|--|--|



DENTAL INSTRUMENTE
DENTAL INSTRUMENTS

◆ **Zungenzange**
Tongue holding forceps



COLLIN

48.250.16 16,0 cm 6¼"
48.250.18 18,0 cm 7"



YOUNG

48.255.16 16,0 cm 6¼" 48.255.99

▶ Gummipolster (Paar)
Rubber inserts (pair)

◆ **Maulsperrer**
Mouth gag



99.492.10 10,5 cm 4¼"

▶ für Hunde
for dogs



99.494.06 6,0 cm 2½"

▶ für Katzen
for cats



VERSCHIEDENES
MISCELLANEOUS

- **Venenstauer**
Vein compressor



02.147.00

- **Perkussionshämmer**
Percussion hammers



TAYLOR

02.288.17 17,0 cm 6¾"
02.288.20 20,0 cm 8"



DEJERINE

02.302.20 20,0 cm 8"

- **Lineale und Maßband**
Rulers and tape measure



02.340.10 10,0 cm 4"
02.340.15 15,0 cm 6"
02.340.20 20,0 cm 8"
02.340.25 25,0 cm 10"
02.340.30 30,0 cm 12"
02.340.40 40,0 cm 15¾"
02.340.50 50,0 cm 20"

- ▶ Einteilung in mm und Zoll
graduated in mm and inches



02.344.15 15,0 cm 6"

- ▶ mit Lochlehre
with hole gauge

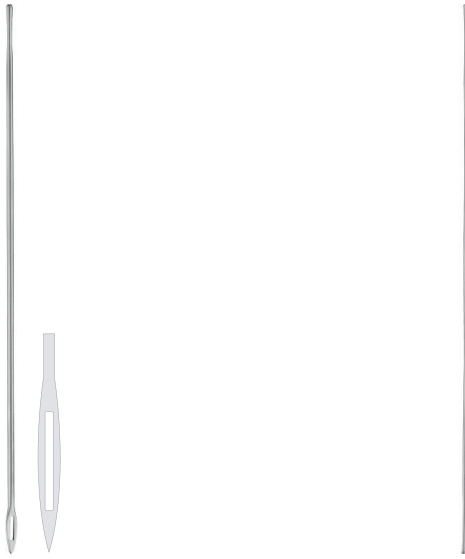


02.352.15 180,0 cm 71"

- ▶ Einteilung in mm und Zoll
graduated in mm and inches



◆ Knopfsonden
Button probes



| | | |
|-----------|-------------|----------|
| 20.102.11 | 11,5 cm 4½" | Ø 2,0 mm |
| 20.102.13 | 13,0 cm 5" | Ø 2,0 mm |
| 20.102.14 | 14,5 cm 5¾" | Ø 2,0 mm |
| 20.102.16 | 16,0 cm 6¼" | Ø 2,0 mm |
| 20.102.18 | 18,0 cm 7" | Ø 2,0 mm |
| 20.102.20 | 20,0 cm 8" | Ø 2,0 mm |
| 20.102.25 | 25,0 cm 10" | Ø 2,0 mm |

▶ mit Ohr
with eye

◆ Hohlsonden
Grooved directors



| | | |
|-----------|-------------|----------|
| 20.104.11 | 11,5 cm 4½" | Ø 1,0 mm |
| 20.104.13 | 13,0 cm 5" | Ø 1,0 mm |
| 20.104.14 | 14,5 cm 5¾" | Ø 1,0 mm |
| 20.104.16 | 16,0 cm 6¼" | Ø 1,0 mm |
| 20.104.18 | 18,0 cm 7" | Ø 1,0 mm |
| 20.104.20 | 20,0 cm 8" | Ø 1,0 mm |
| 20.104.25 | 25,0 cm 10" | Ø 1,0 mm |

| | | |
|-----------|-------------|----------|
| 20.110.11 | 11,5 cm 4½" | Ø 1,0 mm |
| 20.110.13 | 13,0 cm 5" | Ø 1,0 mm |
| 20.110.14 | 14,5 cm 5¾" | Ø 1,0 mm |
| 20.110.16 | 16,0 cm 6¼" | Ø 1,0 mm |
| 20.110.18 | 18,0 cm 7" | Ø 1,0 mm |
| 20.110.20 | 20,0 cm 8" | Ø 1,0 mm |

◆ Sterilisierklammern
Safety pins



BUNT

28.150.12 12,0 cm 4¾"



MAYO

28.151.14 14,0 cm 5½"



MAYO

28.152.14 14,0 cm 5½"

◆ Gallensteinlöffel
Gall stone scoops



FERGUSON

62.170.21 21,5 cm 8½"



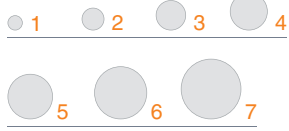
MAYO

62.175.27 28,0 cm 11"



VERSCHIEDENES
MISCELLANEOUS

● Hauttrephine
Dermal punch



KEYES

| | | | |
|-----------|------------|----------|---|
| 74.140.02 | 10,0 cm 4" | Ø 2,0 mm | 1 |
| 74.140.03 | 10,0 cm 4" | Ø 3,0 mm | 2 |
| 74.140.04 | 10,0 cm 4" | Ø 4,0 mm | 3 |
| 74.140.05 | 10,0 cm 4" | Ø 5,0 mm | 4 |
| 74.140.06 | 10,0 cm 4" | Ø 6,0 mm | 5 |
| 74.140.07 | 10,0 cm 4" | Ø 7,0 mm | 6 |
| 74.140.08 | 10,0 cm 4" | Ø 8,0 mm | 7 |

● Nagelzange
Nail nipper



TURNBULL

| | |
|-----------|-------------|
| 74.341.11 | 11,5 cm 4½" |
| 74.341.13 | 13,5 cm 5¼" |



LITTAUER

| | |
|-----------|------------|
| 74.358.13 | 13,0 cm 5" |
|-----------|------------|



| | |
|-----------|------------|
| 74.360.13 | 13,0 cm 5" |
|-----------|------------|

15

◆ STERILISATIONSCONTAINER
STERILIZATION CONTAINERS



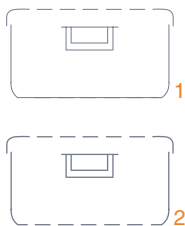


STERILISATIONSCONTAINER

STERILIZATION CONTAINERS

Mini-Sterilisationscontainer

Mini-Sterilization containers



| | Maße B x T x H Dimensions W x D x H | Deckelfarbe Lid colour |
|-----------|--|---------------------------|
| 88.640.01 | 300 x 140 x 40 mm | □ |
| 88.640.02 | 300 x 140 x 40 mm | ■ |
| 88.640.03 | 300 x 140 x 40 mm | ■ |
| 88.640.04 | 300 x 140 x 40 mm | ■ |
| 88.640.05 | 300 x 140 x 40 mm | ■ |
| 88.640.06 | 300 x 140 x 40 mm | ■ |
| 88.640.11 | 300 x 140 x 70 mm | □ |
| 88.640.12 | 300 x 140 x 70 mm | ■ |
| 88.640.13 | 300 x 140 x 70 mm | ■ |
| 88.640.14 | 300 x 140 x 70 mm | ■ |
| 88.640.15 | 300 x 140 x 70 mm | ■ |
| 88.640.16 | 300 x 140 x 70 mm | ■ |
| 88.640.21 | 300 x 140 x 100 mm | □ |
| 88.640.22 | 300 x 140 x 100 mm | ■ |
| 88.640.23 | 300 x 140 x 100 mm | ■ |
| 88.640.24 | 300 x 140 x 100 mm | ■ |
| 88.640.25 | 300 x 140 x 100 mm | ■ |
| 88.640.26 | 300 x 140 x 100 mm | ■ |

| | Maße B x T x H Dimensions W x D x H | Deckelfarbe Lid colour |
|-----------|--|---------------------------|
| 88.641.01 | 300 x 140 x 40 mm | □ |
| 88.641.02 | 300 x 140 x 40 mm | ■ |
| 88.641.03 | 300 x 140 x 40 mm | ■ |
| 88.641.04 | 300 x 140 x 40 mm | ■ |
| 88.641.05 | 300 x 140 x 40 mm | ■ |
| 88.641.06 | 300 x 140 x 40 mm | ■ |
| 88.641.11 | 300 x 140 x 70 mm | □ |
| 88.641.12 | 300 x 140 x 70 mm | ■ |
| 88.641.13 | 300 x 140 x 70 mm | ■ |
| 88.641.14 | 300 x 140 x 70 mm | ■ |
| 88.641.15 | 300 x 140 x 70 mm | ■ |
| 88.641.16 | 300 x 140 x 70 mm | ■ |
| 88.641.21 | 300 x 140 x 100 mm | □ |
| 88.641.22 | 300 x 140 x 100 mm | ■ |
| 88.641.23 | 300 x 140 x 100 mm | ■ |
| 88.641.24 | 300 x 140 x 100 mm | ■ |
| 88.641.25 | 300 x 140 x 100 mm | ■ |
| 88.641.26 | 300 x 140 x 100 mm | ■ |

| | Maße B x T Dimensions W x D | Deckelfarbe Lid colour |
|-----------|--------------------------------|---------------------------|
| 88.642.21 | 300 x 140 mm | □ |
| 88.642.22 | 300 x 140 mm | ■ |
| 88.642.23 | 300 x 140 mm | ■ |
| 88.642.24 | 300 x 140 mm | ■ |
| 88.642.25 | 300 x 140 mm | ■ |
| 88.642.26 | 300 x 140 mm | ■ |
| 88.650.21 | 310 x 190 mm | □ |

▶ Deckel gelocht
Lid perforated

▶ Deckel gelocht | Boden ungelocht
Lid perforated | Bottom non perforated

| | | |
|-----------|--------------------|---|
| 88.650.01 | 310 x 190 x 40 mm | □ |
| 88.650.02 | 310 x 190 x 65 mm | □ |
| 88.650.03 | 310 x 190 x 130 mm | □ |

▶ Deckel gelocht | Boden gelocht
Lid perforated | Bottom perforated



| | Maße B x T x H Dimensions W x D x H |
|-----------|--|
| 88.642.01 | 300 x 140 x 40 mm |
| 88.642.02 | 300 x 140 x 70 mm |
| 88.642.03 | 300 x 140 x 100 mm |

▶ Boden ungelocht
Bottom non perforated

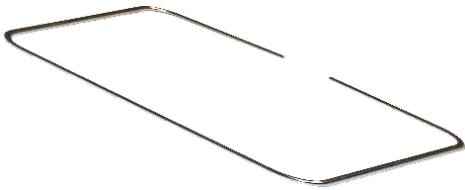
| | Maße B x T x H Dimensions W x D x H |
|-----------|--|
| 88.642.11 | 300 x 140 x 40 mm |
| 88.642.12 | 300 x 140 x 70 mm |
| 88.642.13 | 300 x 140 x 100 mm |

| | |
|-----------|--------------------|
| 88.650.11 | 310 x 190 x 40 mm |
| 88.650.12 | 310 x 190 x 65 mm |
| 88.650.13 | 310 x 190 x 130 mm |

▶ Boden gelocht
Bottom perforated



Spannrahmen für Einschlagtücher
Tension clips for towels



| | |
|-----------|--------------|
| 88.695.18 | 280 x 125 mm |
| 88.695.19 | 310 x 190 mm |

Einschlagtücher aus Baumwolle
Cotton wrapping drapes



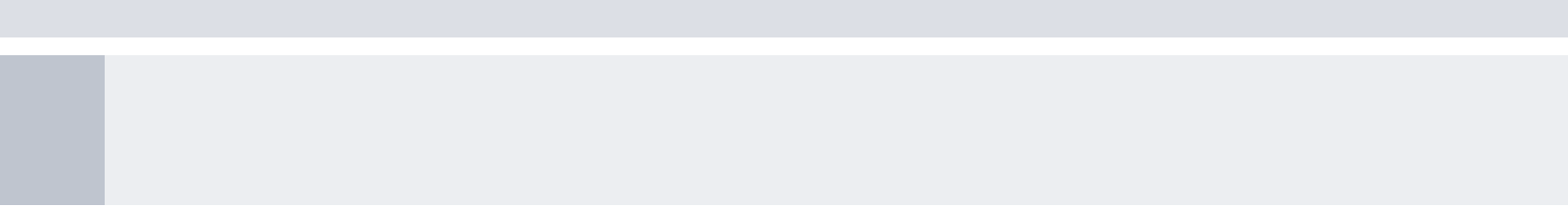
| | |
|-----------|------------|
| 88.695.01 | 60 x 40 mm |
| 88.695.02 | 65 x 65 mm |
| 88.695.03 | 85 x 85 mm |
| 88.695.04 | 90 x 60 mm |

Siebkorb
Wire basket



Maße B x T x H
Dimensions W x D x H

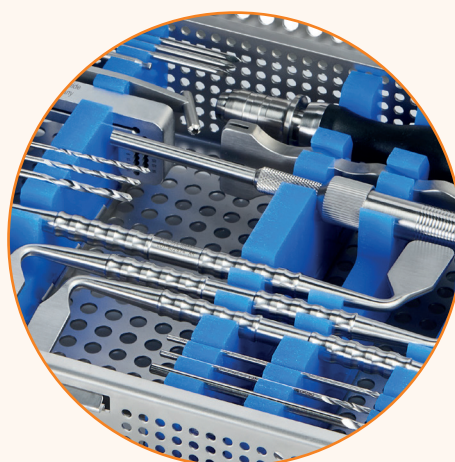
| | |
|-----------|---|
| 88.698.39 | 265 x 175 x 43 mm |
| 88.698.00 | ▶ Deckel 265 x 175 mm <i>Lid 265 x 175 mm</i> |
| 88.698.38 | ▶ Korb 265 x 175 x 38 mm <i>Basket 265 x 175 x 38 mm</i> |





TTA PLUS INSTRUMENT SET

TTA PLUS INSTRUMENT SET



99.00.006 SET

SET - Inhalt
SET - Content

| | Stückzahl Quantity |
|----------------------------|-----------------------|
| 99.099.91 Behälter Tray | 1 |

Instrumente Instruments

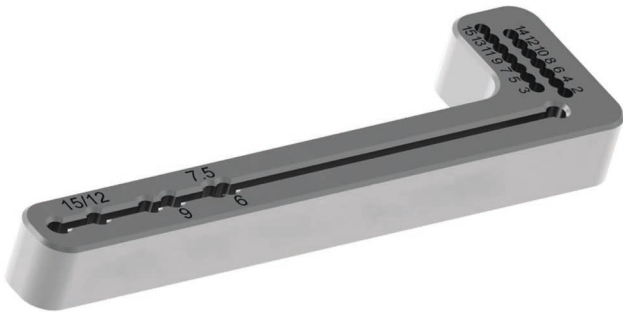
| | Stückzahl Quantity | | Stückzahl Quantity |
|--|-----------------------|--|-----------------------|
| 99.099.01 TTA PLUS Säge-Schnittschablone, für Cage Größe 6 bis Größe 15 TTA PLUS saw cutting guide, for cage size 6 up to size 15 | 1 | 99.356.20 Spiralbohrer Ø 2,0 mm, Gesamtlänge 100,0 mm, Spirallänge 30,0 mm, Nutzlänge 75,0 mm, AO-Ansatz Drill bit Ø 2,0 mm, total length 100,0 mm, twist length 30,0 mm, useable length 75,0 mm, AO coupling | 1 |
| 99.099.04 TTA PLUS Führungsstift Ø 2,0 mm, für Säge-Schnittschablone TTA PLUS guide pin Ø 2,0 mm, for saw-cutting guide | 2 | 99.356.29 Spiralbohrer Ø 2,9 mm, Gesamtlänge 100,0 mm, Spirallänge 30,0 mm, Nutzlänge 75,0 mm, AO-Ansatz Drill bit Ø 1,8 mm, total length 100,0 mm, twist length 30,0 mm, useable length 75,0 mm, AO coupling | 1 |
| 99.099.05 TTA PLUS Schränkeisen TTA PLUS bending iron | 1 | 99.354.18 Spiralbohrer Ø 1,8 mm, Gesamtlänge 100,0 mm, Spirallänge 40,0 mm, gerader Schaft Drill bit Ø 1,8 mm, total length 100,0 mm, twist length 40,0 mm, straight shank | 1 |
| 99.099.11 TTA PLUS Knochenhebel, Doppelende, Breite 3,0 mm und 9,0 mm TTA PLUS bone lever, double end, width 3,0 mm and 9,0 mm | 1 | 99.354.20 Spiralbohrer Ø 2,0 mm, Gesamtlänge 85,0 mm, Spirallänge 35,0 mm, gerader Schaft Drill bit Ø 2,0 mm, total length 85,0 mm, twist length 35,0 mm, straight shank | 1 |
| 99.099.12 TTA PLUS Knochenhebel, Doppelende, Breite 6,0 mm und 12,0 mm TTA PLUS bone lever, double end, width 6,0 mm and 12,0 mm | 1 | 99.354.30 Spiralbohrer Ø 3,0 mm, Gesamtlänge 100,0 mm, Spirallänge 40,0 mm, gerader Schaft Drill bit Ø 3,0 mm, total length 100,0 mm, twist length 40,0 mm, straight shank | 1 |
| 99.099.13 TTA PLUS Knochenhebel, Doppelende, Breite 13,5 mm und 15,0 mm TTA PLUS bone lever, double end, width 13,5 mm and 15,0 mm | 1 | 33.828.00 Schraubenmessgerät für Mini Schrauben Ø 1,5 - 2,7 mm Measuring gauge for mini screws Ø 1,5 - 2,7 mm | 1 |
| 10.103.20 Pinzette anatomisch, gebogen, 20,0 cm Dressing forceps, curved, 20,0 cm/8" | 1 | 99.099.25 Bohrbüchse für Spiralbohrer Ø 1,8/2,0 mm Drill sleeve for drill bits Ø 1,8/2,0 mm | 1 |
| 33.864.00 Handstück mit Schnellkupplung 11,0 cm/4 1/4", für AO-Schaft Handle with quick coupling 11,0 cm/4 1/4", for AO shaft | 1 | 33.415.15 KIRSCHNER Draht, Trokar Spitze, rundes Ende, Ø 1,5 mm, Länge 140,0 mm, P=10 St. KIRSCHNER wire, trocar point, round end, Ø 1,5 mm, length 140,0 mm, p=10 pcs. | 1 |
| 99.099.20 Schraubendreherklinge, 6-kant 2,0 mm, AO-Ansatz, selbsthaltend, für Schrauben Ø 2,4 mm Screwdriver blade, hexagonal 2,0 mm, AO coupling, self-holding, for screws Ø 2,4 mm | 1 | | |
| 99.356.18 Spiralbohrer Ø 1,8 mm, Gesamtlänge 100,0 mm, Spirallänge 30,0 mm, Nutzlänge 75,0 mm, AO-Ansatz, Drill bit Ø 1,8 mm, total length 100,0 mm, twist length 30,0 mm, useable length 75,0 mm, AO coupling | 1 | | |



TTA INSTRUMENTE

TTA INSTRUMENTS

- TTA PLUS Säge-Schnittschablonen
TTA PLUS saw cutting guides



99.099.01

- für Cage Größe 6 bis Größe 15
for cage size 6 up to size 15



99.099.02

- für Cage Größe 3 bis Größe 4,5
for cage size 3 up to size 4,5

- TTA PLUS Führungsstift
TTA PLUS guide pin



99.099.04 \emptyset 2,0 mm

- für Säge-Schnittschablone
for saw cutting guide

- TTA PLUS Schränkeisen
TTA PLUS bending iron



99.099.05

- TTA PLUS Knochenhebel
TTA PLUS bone levers



99.099.11 3,0 | 9,0 mm
99.099.12 6,0 | 12,0 mm
99.099.13 13,5 | 15,0 mm



TTA PLUS CAGE VELOCE | FAST TRACK SYSTEM

TTA PLUS CAGE VELOCE | FAST TRACK SYSTEM

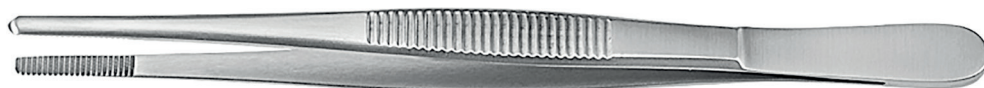
- Wirbelkörperspreizer
Lamina spreader



INGE

40.406.17 17,0 cm 6¾"

- Platten- und Schraubenhaltepinzette
Plate and screw holding forceps



10.102.20 20,0 cm 8" 10.103.20 20,0 cm 8"

- Schraubendrehergriff, für AO-Ansatz
Screwdriver handle, for AO coupling

Schnellkupplung
Quick coupling



33.864.00 11,0 cm 4¼"

- Schraubendreherklinge, mit AO-Ansatz
Screwdriver blade, with AO coupling

selbsthaltend
self-holding
sechskant
hexagonal 2,0 mm



99.099.20

- Spiralbohrer, mit AO-Ansatz
Drill bits, with AO coupling



| | Ø | Länge <i>Length</i> | Spirallänge <i>Twist length</i> | Nutzlänge <i>Useable length</i> | <input type="checkbox"/> |
|-----------|--------|------------------------|------------------------------------|------------------------------------|--------------------------|
| 99.356.18 | 1,8 mm | 10,0 cm 4" | 30,0 mm | 75,0 mm | |
| 99.356.20 | 2,0 mm | 10,0 cm 4" | 30,0 mm | 75,0 mm | |
| 99.356.29 | 2,9 mm | 10,0 cm 4" | 30,0 mm | 75,0 mm | |



◆ **Spiralbohrer, für Jacobs Bohrfutter**
Drill bits, for Jacobs chuck



| | Ø | Länge Length | Spirallänge Twist length |
|-----------|--------|-----------------|-----------------------------|
| 99.354.18 | 1,8 mm | 10,0 cm 4" | 40,0 mm |
| 99.354.20 | 2,0 mm | 8,5 cm 3¼" | 35,0 mm |
| 99.354.30 | 3,0 mm | 10,0 cm 4" | 40,0 mm |

◆ **Schraubenmessgerät**
Measuring gauge



33.828.00 16,0 cm 6¼"

◆ **Bohrbüchse**
Drill sleeve



99.099.25

▶ für Spiralbohrer Ø 1,8/2,0 mm
for drill bits Ø 1,8/2,0 mm

◆ **Kirschner Drähte**
Kirschner wires



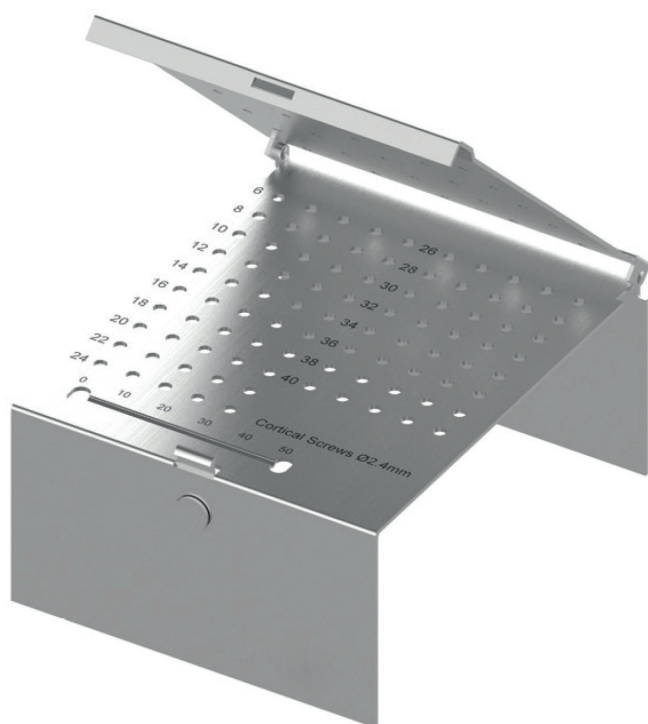
| | | |
|-----------|-------------|----------|
| 33.415.15 | 14,0 cm 5½" | Ø 1,5 mm |
| 33.415.20 | 14,0 cm 5½" | Ø 2,0 mm |
| 33.419.25 | 15,0 cm 6" | Ø 2,5 mm |

▶ Trokarspitze | rundes Ende
Trocar point | round end



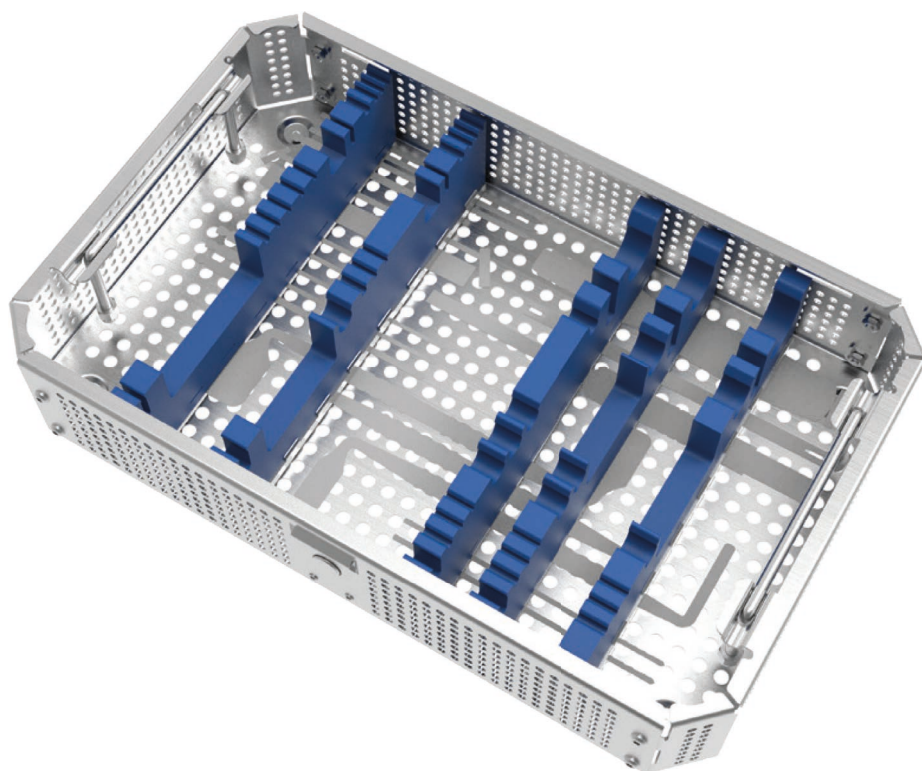
TTA RACKS UND SIEBKÖRBE

TTA RACKS AND WIRE BASKETS



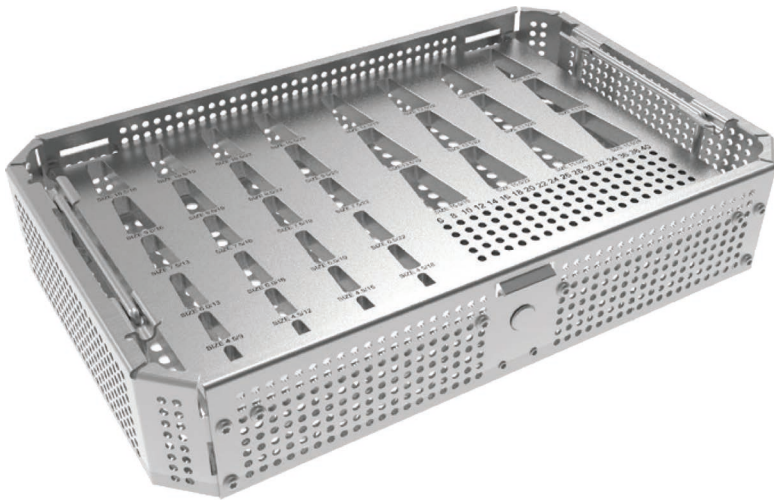
99.099.98

- ▶ für Kortikalisschrauben Ø 2,4 mm, max. 18 x 5 Stück
for cortical screws Ø 2,4 mm, max. 18 x 5 pieces



99.099.91

- ▶ für Instrumenten Set 99.00.006
for instrument set 99.00.006



99.099.93

- ▶ Implanteinlage aus Stahl, für Implantate Sets 99.00.007 und 99.00.008
Steel implant inlay, for implant sets 99.00.007 und 99.00.008

99.099.95

- ▶ Implanteinlage aus Kunststoff
Plastic implant inlay



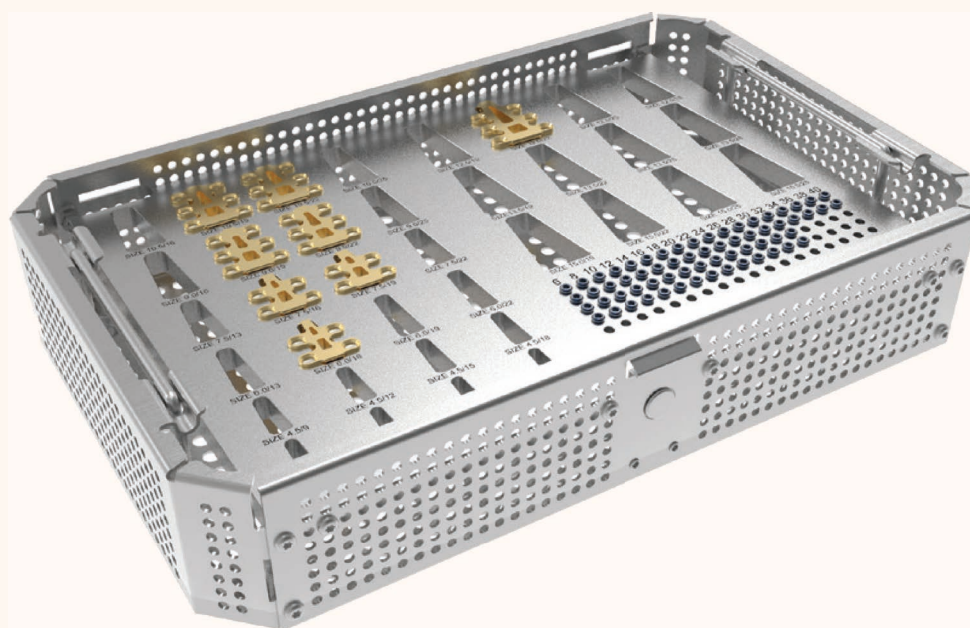
| | Maße B x T x H <i>Dimensions W x D x H</i> | Deckelfarbe <i>Lid colour</i> |
|-----------|---|----------------------------------|
| 88.650.03 | 310 x 190 x 130 mm | □ |

- ▶ Deckel gelocht | Boden gelocht
Lid perforated | Bottom perforated



TTA PLUS IMPLANTATE SET

TTA PLUS IMPLANT SET



99.00.007 SET

SET - Inhalt
SET - Content

| | | Stückzahl Quantity |
|-----------|------------------|-----------------------|
| 99.099.93 | Behälter Tray | 1 |

TTA PLUS Cage TTA PLUS cage

| | Größe Size | Stückzahl Quantity |
|-----------|----------------|-----------------------|
| 99.106.16 | 6,0 16,0 mm | 1 |
| 99.108.16 | 7,5 16,0 mm | 1 |
| 99.108.19 | 7,5 19,0 mm | 1 |
| 99.109.19 | 9,0 19,0 mm | 1 |
| 99.109.22 | 9,0 22,0 mm | 1 |
| 99.111.19 | 10,5 19,0 mm | 1 |
| 99.111.22 | 10,5 22,0 mm | 1 |
| 99.112.22 | 12,0 22,0 mm | 1 |

Kortikalisschrauben Ø 2,4 mm Cortical screws Ø 2,4 mm

| | Ø | Länge Length | Stückzahl Quantity |
|-----------|--------|-----------------|-----------------------|
| 99.124.06 | 2,4 mm | 6,0 mm | 4 |
| 99.124.08 | 2,4 mm | 8,0 mm | 4 |
| 99.124.10 | 2,4 mm | 10,0 mm | 4 |
| 99.124.12 | 2,4 mm | 12,0 mm | 4 |
| 99.124.14 | 2,4 mm | 14,0 mm | 4 |
| 99.124.16 | 2,4 mm | 16,0 mm | 4 |
| 99.124.18 | 2,4 mm | 18,0 mm | 4 |
| 99.124.20 | 2,4 mm | 20,0 mm | 4 |
| 99.124.22 | 2,4 mm | 22,0 mm | 4 |

| | Ø | Länge Length | Stückzahl Quantity |
|-----------|--------|-----------------|-----------------------|
| 99.124.24 | 2,4 mm | 24,0 mm | 4 |
| 99.124.26 | 2,4 mm | 26,0 mm | 4 |
| 99.124.28 | 2,4 mm | 28,0 mm | 4 |
| 99.124.30 | 2,4 mm | 30,0 mm | 4 |
| 99.124.32 | 2,4 mm | 32,0 mm | 4 |
| 99.124.34 | 2,4 mm | 34,0 mm | 2 |
| 99.124.36 | 2,4 mm | 36,0 mm | 2 |
| 99.124.38 | 2,4 mm | 38,0 mm | 2 |
| 99.124.40 | 2,4 mm | 40,0 mm | 2 |

WAS IST EINE TTA OPERATION?

WHAT IS TTA SURGERY TREATMENT?

TTA ist die Abkürzung für Tibial Tuberosity Advancement. Hierbei handelt es sich um ein chirurgisches Verfahren zur Behandlung eines Kreuzbandrisses in den Kniegelenken von Hunden. Dabei wird die Oberseite des Schienbeines (der Tibia) abgeschnitten, nach vorne bewegt und auf verschiedene Weise in der neuen Position stabilisiert. Ein Kreuzbandriss ist die häufigste Ursache für Lahmheit in den Hinterbeinen bei Hunden. Folglich sind TTA und andere Operationen, bei denen die Form der Tibia verändert wird, übliche orthopädische chirurgische Eingriffe, die von spezialisierten orthopädischen Praxen an Hunden durchgeführt werden.

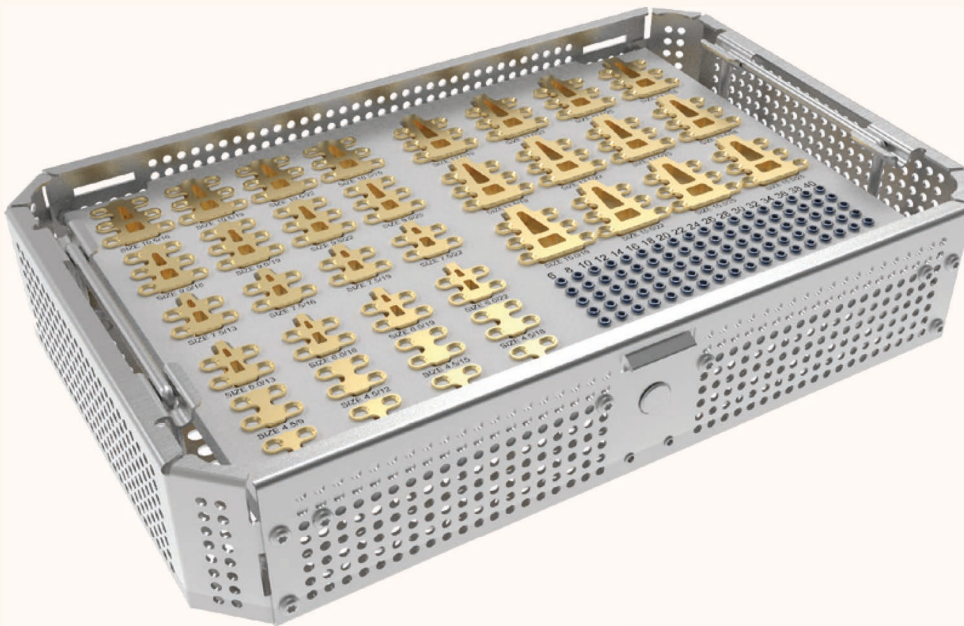
TTA is the abbreviation for tibial tuberosity advancement. This a surgical procedure used to treat cranial (or anterior) cruciate ligament rupture in the knee joints of dogs. It involves cutting the top of shin bone (the tibia), moving it forward and stabilizing it in its new position in one of a number of ways. Cranial cruciate ligament rupture is the most common cause of hind limb lameness in dogs. As a result, TTA and other operations that involve altering the shape of the tibia are common orthopaedic surgical procedures performed on dogs by specialist orthopaedic practices.





TTA PLUS IMPLANTATE SET, ERWEITERT
TTA PLUS IMPLANT SET, EXTENDED

16



99.00.008 SET

SET - Inhalt
SET - Content

| | | Stückzahl Quantity |
|-----------|------------------|-----------------------|
| 99.099.93 | Behälter Tray | 1 |

TTA PLUS Cage
TTA PLUS cage

| | Größe Size | Stückzahl Quantity |
|-----------|---------------|-----------------------|
| 99.103.08 | 3,0 8,0 mm | 1 |
| 99.103.10 | 3,0 10,0 mm | 1 |
| 99.103.13 | 3,0 13,0 mm | 1 |
| 99.103.16 | 3,0 16,0 mm | 1 |
| 99.105.09 | 4,5 9,0 mm | 1 |
| 99.105.12 | 4,5 12,0 mm | 1 |
| 99.105.15 | 4,5 15,0 mm | 1 |
| 99.105.18 | 4,5 18,0 mm | 1 |
| 99.106.13 | 6,0 13,0 mm | 1 |
| 99.106.16 | 6,0 16,0 mm | 1 |
| 99.106.19 | 6,0 19,0 mm | 1 |
| 99.106.22 | 6,0 22,0 mm | 1 |

| | Größe Size | Stückzahl Quantity |
|-----------|----------------|-----------------------|
| 99.108.13 | 7,5 13,0 mm | 1 |
| 99.108.16 | 7,5 16,0 mm | 1 |
| 99.108.19 | 7,5 19,0 mm | 1 |
| 99.108.22 | 7,5 22,0 mm | 1 |
| 99.109.16 | 9,0 16,0 mm | 1 |
| 99.109.19 | 9,0 19,0 mm | 1 |
| 99.109.22 | 9,0 22,0 mm | 1 |
| 99.109.25 | 9,0 25,0 mm | 1 |
| 99.111.16 | 10,5 16,0 mm | 1 |
| 99.111.19 | 10,5 19,0 mm | 1 |
| 99.111.22 | 10,5 22,0 mm | 1 |
| 99.111.25 | 10,5 25,0 mm | 1 |

| | Größe Size | Stückzahl Quantity |
|-----------|----------------|-----------------------|
| 99.112.19 | 12,0 19,0 mm | 1 |
| 99.112.22 | 12,0 22,0 mm | 1 |
| 99.112.25 | 12,0 25,0 mm | 1 |
| 99.112.28 | 12,0 28,0 mm | 1 |
| 99.114.19 | 13,5 19,0 mm | 1 |
| 99.114.22 | 13,5 22,0 mm | 1 |
| 99.114.25 | 13,5 25,0 mm | 1 |
| 99.114.28 | 13,5 28,0 mm | 1 |
| 99.115.19 | 15,0 19,0 mm | 1 |
| 99.115.22 | 15,0 22,0 mm | 1 |
| 99.115.25 | 15,0 25,0 mm | 1 |
| 99.115.28 | 15,0 28,0 mm | 1 |

Kortikalisschrauben Ø 2,4 mm
Cortical screws Ø 2,4 mm

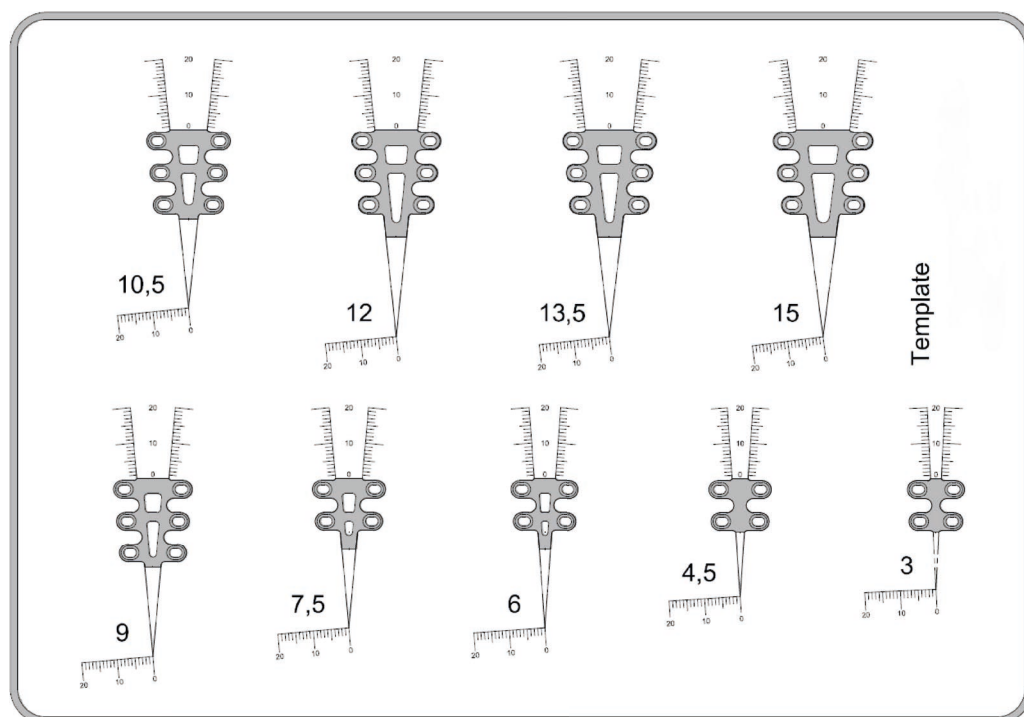
| | Ø | Länge Length | Stückzahl Quantity |
|-----------|--------|-----------------|-----------------------|
| 99.124.06 | 2,4 mm | 6,0 mm | 4 |
| 99.124.08 | 2,4 mm | 8,0 mm | 4 |
| 99.124.10 | 2,4 mm | 10,0 mm | 4 |
| 99.124.12 | 2,4 mm | 12,0 mm | 4 |
| 99.124.14 | 2,4 mm | 14,0 mm | 4 |
| 99.124.16 | 2,4 mm | 16,0 mm | 4 |
| 99.124.18 | 2,4 mm | 18,0 mm | 4 |
| 99.124.20 | 2,4 mm | 20,0 mm | 4 |
| 99.124.22 | 2,4 mm | 22,0 mm | 4 |

| | Ø | Länge Length | Stückzahl Quantity |
|-----------|--------|-----------------|-----------------------|
| 99.124.24 | 2,4 mm | 24,0 mm | 4 |
| 99.124.26 | 2,4 mm | 26,0 mm | 4 |
| 99.124.28 | 2,4 mm | 28,0 mm | 4 |
| 99.124.30 | 2,4 mm | 30,0 mm | 4 |
| 99.124.32 | 2,4 mm | 32,0 mm | 4 |
| 99.124.34 | 2,4 mm | 34,0 mm | 2 |
| 99.124.36 | 2,4 mm | 36,0 mm | 2 |
| 99.124.38 | 2,4 mm | 38,0 mm | 2 |
| 99.124.40 | 2,4 mm | 40,0 mm | 2 |



TTA PLUS CAGE VELOCE MESSSCHABLONE

TTA PLUS CAGE VELOCE TEMPLATE



99.116.00

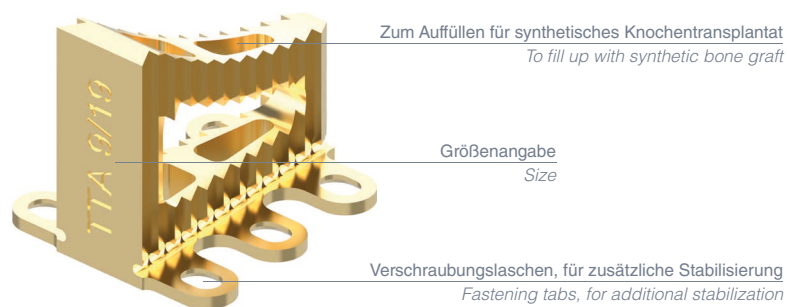
► für Cage Größe 3 bis Größe 15
used for cage size 3 up to 15

IMPLANTATE UND SCHRAUBEN FÜR TTA CHIRURGIE

IMPLANTS AND SCREWS FOR TTA SURGERY

TTA PLUS Cage TTA PLUS cage

| | |
|---|---|
| selbsthaltende Verzahnung self-holding serration | ✓ |
| verschraubbar applicable with screws | ✓ |



| Größe Size | Größe Size | Größe Size | |
|---------------|----------------|---------------|----------------|
| 99.103.08 | 3,0 8,0 mm | 99.112.19 | 12,0 19,0 mm |
| 99.103.10 | 3,0 10,0 mm | 99.112.22 | 12,0 22,0 mm |
| 99.103.13 | 3,0 13,0 mm | 99.112.25 | 12,0 25,0 mm |
| 99.103.16 | 3,0 16,0 mm | 99.112.28 | 12,0 28,0 mm |
| 99.105.09 | 4,5 9,0 mm | 99.114.19 | 13,5 19,0 mm |
| 99.105.12 | 4,5 12,0 mm | 99.114.22 | 13,5 22,0 mm |
| 99.105.15 | 4,5 15,0 mm | 99.114.25 | 13,5 25,0 mm |
| 99.105.18 | 4,5 18,0 mm | 99.114.28 | 13,5 28,0 mm |
| 99.106.13 | 6,0 13,0 mm | 99.115.19 | 15,0 19,0 mm |
| 99.106.16 | 6,0 16,0 mm | 99.115.22 | 15,0 22,0 mm |
| 99.106.19 | 6,0 19,0 mm | 99.115.25 | 15,0 25,0 mm |
| 99.106.22 | 6,0 22,0 mm | 99.115.28 | 15,0 28,0 mm |
| 99.108.13 | 7,5 13,0 mm | | |
| 99.108.16 | 7,5 16,0 mm | | |
| 99.108.19 | 7,5 19,0 mm | | |
| 99.108.22 | 7,5 22,0 mm | | |
| 99.109.16 | 9,0 16,0 mm | | |
| 99.109.19 | 9,0 19,0 mm | | |
| 99.109.22 | 9,0 22,0 mm | | |
| 99.109.25 | 9,0 25,0 mm | | |
| 99.111.16 | 10,5 16,0 mm | | |
| 99.111.19 | 10,5 19,0 mm | | |
| 99.111.22 | 10,5 22,0 mm | | |
| 99.111.25 | 10,5 25,0 mm | | |



● Kortikalisschrauben Ø 2,4 mm
Cortical screws Ø 2,4 mm

| | |
|--|--------|
| selbstschneidend self-tapping | ✓ |
| Vollgewinde Full thread | ✓ |
| Schraubenkopf Ø Screw head Ø | 4,0 mm |
| Innensechskantbreite Hex socket width | 2,0 mm |

| | |
|---------------------------------|--------|
| Gewinde Ø Thread Ø | 2,4 mm |
| Gewindesteigung Thread pitch | 1,0 mm |
| Kern Ø Core Ø | 1,7 mm |
| Spiralbohrer Ø Drill bit Ø | 1,8 mm |



| | |
|-----------|---------|
| 99.124.06 | 6,0 mm |
| 99.124.08 | 8,0 mm |
| 99.124.10 | 10,0 mm |
| 99.124.12 | 12,0 mm |
| 99.124.14 | 14,0 mm |
| 99.124.16 | 16,0 mm |
| 99.124.18 | 18,0 mm |
| 99.124.20 | 20,0 mm |
| 99.124.22 | 22,0 mm |

| | |
|-----------|---------|
| 99.124.24 | 24,0 mm |
| 99.124.26 | 26,0 mm |
| 99.124.28 | 28,0 mm |
| 99.124.30 | 30,0 mm |
| 99.124.32 | 32,0 mm |
| 99.124.34 | 34,0 mm |
| 99.124.36 | 36,0 mm |
| 99.124.38 | 38,0 mm |
| 99.124.40 | 40,0 mm |

BESCHREIBUNG FÜR TTA CHIRURGIE
DESCRIPTION FOR TTA SURGERY

Nach einem Kreuzbandriss wird das Knie (Kniegelenk) instabil. Wenn der Hund die Extremität belastet, kann sich das Schienbein (Tibia) aufgrund dieser Instabilität relativ zum Oberschenkelknochen (Femur) nach vorne bewegen. Das Knie fühlt sich an, als würde es nachgeben und dies kann dazu führen, dass der Hund stark lahm wirkt.

Ein Grund für die Vorwärtsbewegung der Tibia ist, dass die Knochenspitze (Tibiaplateau genannt) nicht senkrecht (90 Grad) zur Sehne (Patellasehne) steht, die die Kniescheibe (Patella) mit der Tibia verbindet.

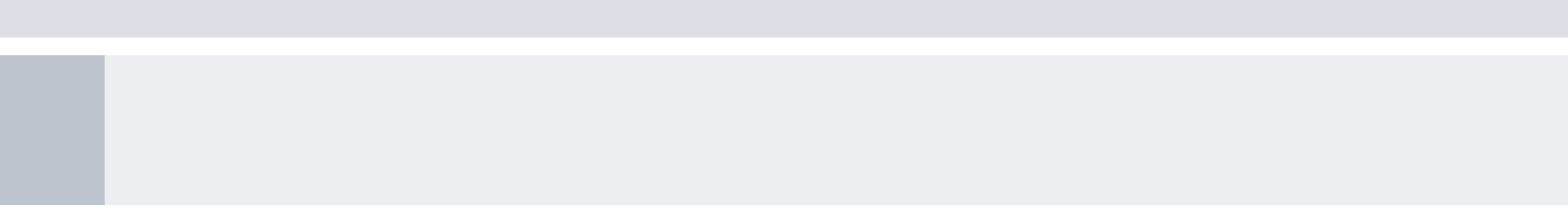
Die TTA-Operation zielt darauf ab, das Tibiaplateau senkrecht zur Patellasehne zu stellen und dabei die Vorwärtsbewegung des Schienbeines zu verhindern. Das Knie fühlt sich, bei Belastung, für den Hund stabil an, obwohl das Band gerissen und nicht direkt repariert wurde.

Following rupture of the cranial cruciate ligament, the knee (stifle) becomes unstable. When the dog takes weight on the limb this instability allows the shin bone (tibia) to move forward relative in direction to the thigh bone (femur). The stifle feels as though it is „giving-way“ and this can cause the dog to appear severely lame.

One reason the tibia moves forward with weight - bearing is that the top of the bone (called the tibial plateau) is not perpendicular (90 degrees) to the tendon (the patellar tendon) that joints the knee cap (the patella) to the tibial plateau.

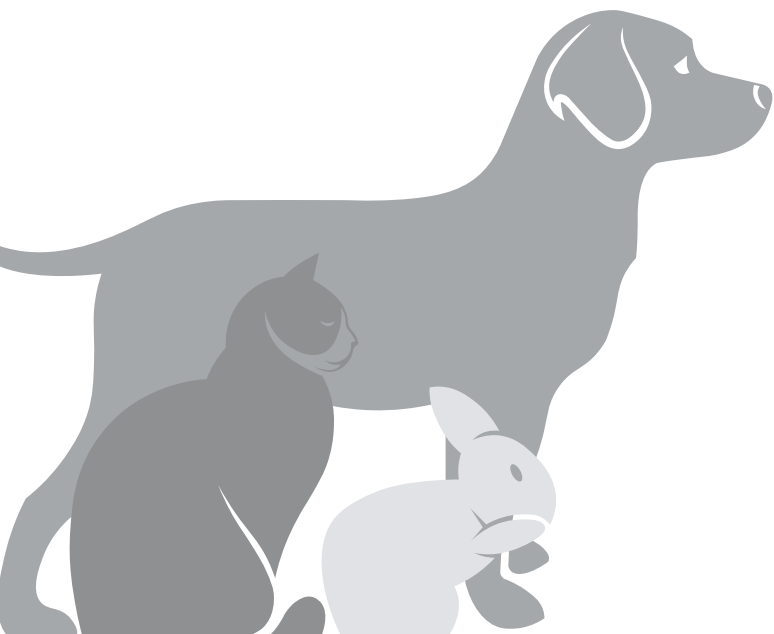
TTA surgery aims to make the tibial plateau perpendicular to the patellar tendon and, in doing so, prevent the shin bone from moving forward. The knee then feels stable for the dog when weight - bearing despite the fact that the ligament has been ruptured and not directly repaired.



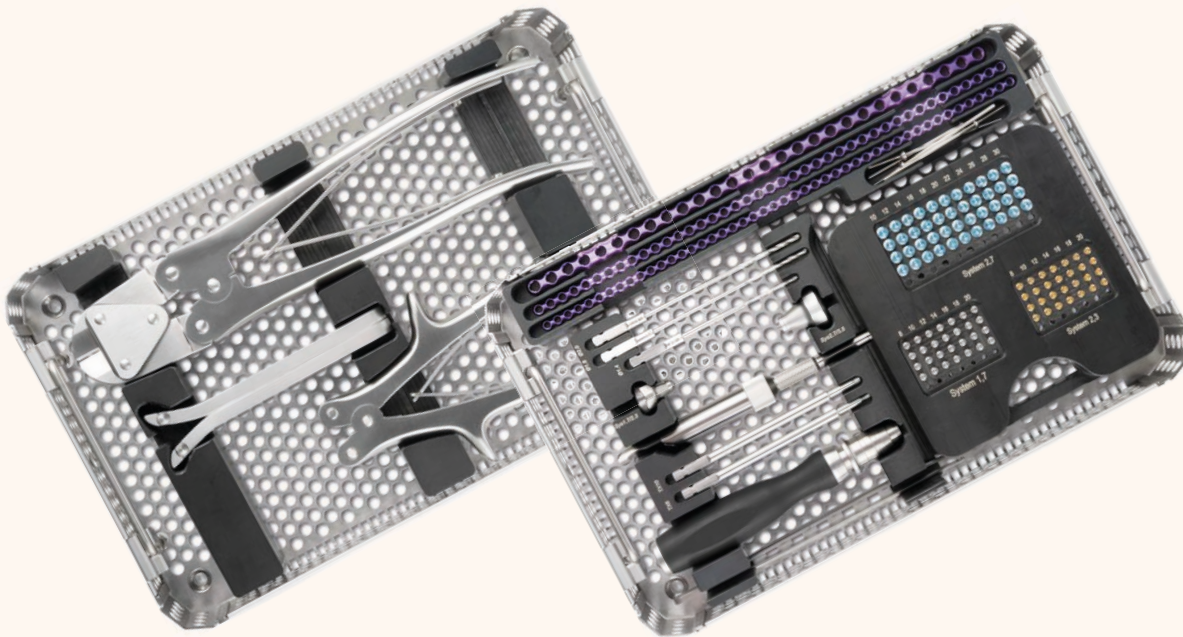


17

◆ MODULAR PLUS WINKELSTABILES PLATTEN SYSTEM
MODULAR PLUS LOCKING PLATE SYSTEM



MODULAR PLUS WINKELSTABILES PLATTEN SYSTEM: BASIS SET
MODULAR PLUS LOCKING PLATE SYSTEM: BASIC SET



99.00.001 SET

SET - Inhalt
SET - Content

| | | Stückzahl Quantity |
|-----------|---|-----------------------|
| 99.099.07 | Behälter Tray | 1 |
| 99.099.09 | Behälter Tray | 1 |
| 99.099.15 | Inlay für Schrauben Ø 1,7 / 2,3 / 2,7 mm Inlay for screws Ø 1,7 / 2,3 / 2,7 mm | 1 |

Instrumente
Instruments

| | | Stückzahl Quantity | | Stückzahl Quantity | |
|-----------|---|-----------------------|-----------|---|---|
| 33.547.23 | HARVEY Drahtschneidezange, 23,5 cm, für harte Drähte Ø 2,2 mm HARVEY wire cutting pliers, 23,5 cm/9¼", for hard wires Ø 2,2 mm | 1 | 99.099.30 | Schraubendreherklinge, Star Bit T10, AO-Ansatz, für Schrauben Ø 2,3/2,7 mm Screwdriver blade, Star Bit T10, AO coupling, for screws Ø 2,3/2,7 mm | 1 |
| 33.656.18 | Platten-Biegezange 18,5 cm Plate bending pliers 18,5 cm/7¼" | 1 | 99.099.33 | Polyaxiale Bohrbüchse mit Gewinde, für System Ø 1,7/2,3 mm Polyaxial drill sleeve with thread, used for system Ø 1,7/2,3 mm | 1 |
| 33.643.01 | Schränkeisen, links Bending iron, left | 1 | 99.099.35 | Polyaxiale Bohrbüchse mit Gewinde, für System Ø 2,7/3,5 mm Polyaxial drill sleeve with thread, used for system Ø 2,7/3,5 mm | 1 |
| 33.643.02 | Schränkeisen, rechts Bending iron, right | 1 | 10.103.20 | Pinzette anatomisch, gebogen, 20,0 cm Dressing forceps, curved, 20,0 cm/8" | 1 |
| 99.356.14 | Spiralbohrer Ø 1,4 mm, Gesamtlänge 81,0 mm, Spiral-länge 26,0 mm, Nutzlänge 26,0 mm, AO-Ansatz Drill bit Ø 1,4 mm, total length 81,0 mm, twist length 26,0 mm, useable length 26,0 mm, AO coupling | 1 | 33.864.00 | Handstück mit Schnellkupplung 11,0 cm, für AO-Schaft Handle with quick coupling 11,0 cm/4¼", for AO shaft | 1 |
| 99.356.18 | Spiralbohrer Ø 1,8 mm, Gesamtlänge 100,0 mm, Spiral-länge 30,0 mm, Nutzlänge 75,0 mm, AO-Ansatz Drill bit Ø 1,8 mm, total length 100,0 mm, twist length 30,0 mm, useable length 75,0 mm, AO coupling | 1 | 99.099.03 | Platten Positionierstift mit Gewinde, Ø 1,4 mm, Länge 63,0 mm Plate fixation pin with thread, Ø 1,4 mm, length 63,0 mm | 1 |
| 99.356.20 | Spiralbohrer Ø 2,0 mm, Gesamtlänge 100,0 mm, Spiral-länge 30,0 mm, Nutzlänge 75,0 mm, AO-Ansatz Drill bit Ø 2,0 mm, total length 100,0 mm, twist length 30,0 mm, useable length 75,0 mm, AO coupling | 1 | 33.828.00 | Schraubenmessgerät Measuring gauge | 1 |
| 99.099.26 | Schraubendreherklinge, Star Bit T6, AO-Ansatz, für Schrauben Ø 1,7 mm Screwdriver blade, Star Bit T6, AO coupling, for screws Ø 1,7 mm | 1 | | | |

Universal Verriegelungsplatten 1,7/2,3 mm
Universal locking plates 1,7/2,3 mm

| | Maße L x B x H Dimensions L x W x H | Löcher Holes | Stückzahl Quantity |
|-----------|--|-----------------|-----------------------|
| 99.230.46 | 230,0 x 5,0 x 2,0 mm | 46 | 1 |
| 99.230.41 | 225,0 x 6,5 x 2,7 mm | 41 | 1 |

Universal Verriegelungsplatten 2,7/3,5 mm
Universal locking plates 2,7/3,5 mm

| | Maße L x B x H Dimensions L x W x H | Löcher Holes | Stückzahl Quantity |
|-----------|--|-----------------|-----------------------|
| 99.230.28 | 224,0 x 8,0 x 3,3 mm | 28 | 1 |



◇ Polyaxiale Verriegelungsschrauben Ø 1,7 mm
Polyaxial locking screws Ø 1,7 mm

| | Ø | Länge Length | Stückzahl Quantity |
|-----------|--------|-----------------|-----------------------|
| 99.117.08 | 1,7 mm | 8,0 mm | 4 |
| 99.117.10 | 1,7 mm | 10,0 mm | 4 |
| 99.117.12 | 1,7 mm | 12,0 mm | 4 |
| 99.117.14 | 1,7 mm | 14,0 mm | 4 |
| 99.117.16 | 1,7 mm | 16,0 mm | 4 |
| 99.117.18 | 1,7 mm | 18,0 mm | 4 |
| 99.117.20 | 1,7 mm | 20,0 mm | 4 |

◇ Polyaxiale Verriegelungsschrauben Ø 2,3 mm
Polyaxial locking screws Ø 2,3 mm

| | Ø | Länge Length | Stückzahl Quantity |
|-----------|--------|-----------------|-----------------------|
| 99.123.08 | 2,3 mm | 8,0 mm | 4 |
| 99.123.10 | 2,3 mm | 10,0 mm | 4 |
| 99.123.12 | 2,3 mm | 12,0 mm | 4 |
| 99.123.14 | 2,3 mm | 14,0 mm | 4 |
| 99.123.16 | 2,3 mm | 16,0 mm | 4 |
| 99.123.18 | 2,3 mm | 18,0 mm | 4 |
| 99.123.20 | 2,3 mm | 20,0 mm | 4 |

◇ Polyaxiale Verriegelungsschrauben Ø 2,7 mm
Polyaxial locking screws Ø 2,7 mm

| | Ø | Länge Length | Stückzahl Quantity |
|-----------|--------|-----------------|-----------------------|
| 99.127.10 | 2,7 mm | 10,0 mm | 4 |
| 99.127.12 | 2,7 mm | 12,0 mm | 4 |
| 99.127.14 | 2,7 mm | 14,0 mm | 4 |
| 99.127.16 | 2,7 mm | 16,0 mm | 4 |
| 99.127.18 | 2,7 mm | 18,0 mm | 4 |
| 99.127.20 | 2,7 mm | 20,0 mm | 4 |
| 99.127.22 | 2,7 mm | 22,0 mm | 4 |
| 99.127.24 | 2,7 mm | 24,0 mm | 4 |
| 99.127.26 | 2,7 mm | 26,0 mm | 4 |
| 99.127.28 | 2,7 mm | 28,0 mm | 4 |
| 99.127.30 | 2,7 mm | 30,0 mm | 4 |

◆ Passende Sterilisationcontainer
Recommended sterilization containers



| | Maße B x T x H Dimensions W x D x H | Deckelfarbe Lid colour |
|-----------|--|---------------------------|
| 88.650.02 | 310 x 190 x 65 mm | □ |
| 88.650.03 | 310 x 190 x 130 mm | □ |

▶ Deckel gelocht | Boden gelocht
Lid perforated | Bottom perforated

Das neue Modular Plus Winkelstabiles Platten System ist ein winkelstabiles Osteosynthesystem für Hunde und Katzen mit einem Gewicht bis ca. 15 kg. Es besticht im Besonderen durch die multiaxiale Platzierung der passgenau geformten Schrauben und vereint somit die Vorteile von winkelstabilen Systemen und die Möglichkeit Schrauben schräg in einem Winkel von bis zu $\pm 15^\circ$ einzudrehen. Im Vergleich zur konventionellen Osteosynthese bietet der Einsatz von winkelstabilen Systemen (oder sogenannten Fixateur interne) wie dem Modular Plus Winkelstabiles Platten System den Vorteil einer raschen Frakturheilung bei verbesserter Implantatfestigkeit. Die Entfernung der Schrauben und Platten ist aus diesem Grund selten indiziert. Die biologisch vorteilhaft aus Titan gefertigten Platten werden derzeit in drei verschiedenen Größen angeboten und können bedarfsgerecht zugeschnitten werden. Die Platten sind dank spezieller Werkzeuge in allen drei Ebenen biegsam. Titan macht bei schnittbildgebenden Nachuntersuchungen auch weniger Artefakte. Das dem Modular Plus Winkelstabiles Platten System ist modular aufgebaut.

The Modular Plus Locking Plate System provides a polyaxial locking plate system for dogs and cats up to 15kg. The system distinguishes itself through the polyaxial placement of the custom-fit screws and combines the advantages of a locking plate system with polyaxial screw placement in $\pm 15^\circ$ longitudinal and transverse pivoting. Compared to conventional osteosynthesis systems, the use of locking systems (internal fixation) such as the Modular Plus Locking Plate System facilitates faster healing of fractures and improved implant strength. It is for this reason that the removal of plates and screws is rarely indicated. The biologically advantageous Titanium plates are available in three sizes and can be cut to the desired length and bent in three planes. Specially designed tools are included to perform this. Titanium also reduces artefacts in post-operative imaging. Modular Plus Locking Plate System is a modular system.

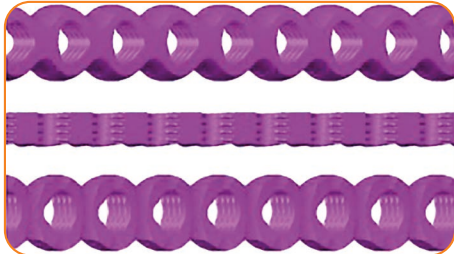


IMPLANTATE UND SCHRAUBEN

IMPLANTS AND SCREWS

Verriegelungsplatten Locking plates

gerade
straight



| | Länge Length | Plattenstärke Plate thickness | Plattenbreite Plate width | Löcher Holes | Lochabstand Hole spacing |
|-----------|-----------------|----------------------------------|------------------------------|-----------------|-----------------------------|
| 99.230.46 | 230,0 mm | 2,0 mm | 5,0 mm | 46 | 5,0 mm |
| 99.230.41 | 225,0 mm | 2,5 mm | 6,5 mm | 41 | 5,5 mm |

System 1,7/2,3 mm
System 1,7/2,3 mm

| | Länge Length | Plattenstärke Plate thickness | Plattenbreite Plate width | Löcher Holes | Lochabstand Hole spacing |
|-----------|-----------------|----------------------------------|------------------------------|-----------------|-----------------------------|
| 99.230.28 | 224,0 mm | 3,2 mm | 8,0 mm | 28 | 7,5 mm |

System 2,7 mm
System 2,7 mm

Polyaxiale Verriegelungsschrauben Ø 1,7 mm Polyaxial locking screws Ø 1,7 mm

| | | | |
|----------------------------------|-------------------------------------|---------------------------------|--------|
| selbstschneidend self-tapping | <input checked="" type="checkbox"/> | Gewindesteigung Thread pitch | 0,6 mm |
| Vollgewinde Full thread | <input checked="" type="checkbox"/> | Kern Ø Core Ø | 1,4 mm |
| Schraubenkopf Ø Screw head Ø | 3,0 mm | Spiralbohrer Ø Drill bit Ø | 1,4 mm |
| Gewinde Ø Thread Ø | 1,7 mm | | |

Polyaxiale Verriegelungsschrauben Ø 2,3 mm Polyaxial locking screws Ø 2,3 mm

| | | | |
|----------------------------------|-------------------------------------|---------------------------------|--------|
| selbstschneidend self-tapping | <input checked="" type="checkbox"/> | Gewindesteigung Thread pitch | 1,0 mm |
| Vollgewinde Full thread | <input checked="" type="checkbox"/> | Kern Ø Core Ø | 1,8 mm |
| Schraubenkopf Ø Screw head Ø | 3,0 mm | Spiralbohrer Ø Drill bit Ø | 1,8 mm |
| Gewinde Ø Thread Ø | 2,3 mm | | |



| | | | |
|-----------|---------|-----------|---------|
| 99.117.08 | 8,0 mm | 99.117.16 | 16,0 mm |
| 99.117.10 | 10,0 mm | 99.117.18 | 18,0 mm |
| 99.117.12 | 12,0 mm | 99.117.20 | 20,0 mm |
| 99.117.14 | 14,0 mm | | |

| | | | |
|-----------|---------|-----------|---------|
| 99.123.08 | 8,0 mm | 99.123.16 | 16,0 mm |
| 99.123.10 | 10,0 mm | 99.123.18 | 18,0 mm |
| 99.123.12 | 12,0 mm | 99.123.20 | 20,0 mm |
| 99.123.14 | 14,0 mm | | |

Polyaxiale Verriegelungsschrauben Ø 2,7 mm Polyaxial locking screws Ø 2,7 mm

| | | | |
|----------------------------------|-------------------------------------|---------------------------------|--------|
| selbstschneidend self-tapping | <input checked="" type="checkbox"/> | Gewindesteigung Thread pitch | 1,0 mm |
| Vollgewinde Full thread | <input checked="" type="checkbox"/> | Kern Ø Core Ø | 2,0 mm |
| Schraubenkopf Ø Screw head Ø | 5,0 mm | Spiralbohrer Ø Drill bit Ø | 2,0 mm |
| Gewinde Ø Thread Ø | 2,7 mm | | |



| | | | | | | | |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 99.127.10 | 10,0 mm | 99.127.18 | 18,0 mm | 99.127.26 | 26,0 mm | 99.127.34 | 34,0 mm |
| 99.127.12 | 12,0 mm | 99.127.20 | 20,0 mm | 99.127.28 | 28,0 mm | 99.127.36 | 36,0 mm |
| 99.127.14 | 14,0 mm | 99.127.22 | 22,0 mm | 99.127.30 | 30,0 mm | 99.127.38 | 38,0 mm |
| 99.127.16 | 16,0 mm | 99.127.24 | 24,0 mm | 99.127.32 | 32,0 mm | 99.127.40 | 40,0 mm |

| | | | | |
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