# Knochenchirurgische Instrumente
## *Instruments for bone surgery*



ulrich medizintechnik



## *ulrich* for success.
## Ideas that move.

Our corporate mission that provides the motivation for our work: In collaboration with leading international surgeons and scientists, ***ulrich*** develops the finest surgical instrumentation, implants and devices.

***ulrich*** **– we stand for progress.**

***ulrich GmbH & Co. KG*** was founded by in 1912. From a small workshop devoted to surgical instrument repairs, the company has grown into a successful, international business. The ***ulrich*** Company has made pioneering contributions in the fields of General Surgery, Cardiovascular, Orthopaedic and Spine Surgery. Today we are an internationally recognised manufacturer and distributor of first quality medical products.

***ulrich*** **– technology to improve.**

Our ambition is to build the future. Continuous improvements in our products combine quality, technology, innovation and service.

***ulrich*** **– economic solutions, efficient and competent.**

A modern manufacturing facility, quality management, craftsmanship and cost-consciousness define our work ethics and make the combination of high quality – low cost instruments possible.

## Mit *ulrich* zum Erfolg
## Ideen, die bewegen.

Eine faszinierende Aufgabe ist der Antrieb unserer Arbeit: gemeinsam mit Wissenschaftlern und Medizinern entwickeln wir Instrumente, Implantate und Geräte.

***ulrich*** **– Fortschritt ist machbar.**

Die ***ulrich GmbH & Co. KG*** wurde 1912 ins Leben gerufen. Rasch entwickelte sich aus der Instrumentenmanufaktur ein modernes Unternehmen. Pionierleistungen aus den Gebieten wie der Herz/Gefäß-, der Knochen- und Wirbelsäulenchirurgie haben uns einen festen Platz als Hersteller und Anbieter von Medizinprodukten gesichert.

***ulrich*** **– Technik verbessert.**

Auch die Zukunft gestalten wir aktiv.
Die stetige Verbesserung unserer Produktpalette ermöglicht uns, Qualität, Technik, aber auch Service und Wirtschaftlichkeit miteinander zu verbinden.

***ulrich*** **– ökonomisch, preiswert, effizient.**

Moderne Produktionsanlagen, Qualitätskontrolle, fachmännisch und kostenbewusst sind die Basis unserer Arbeit und ermöglichen Effizienz und günstige Preise.



Remarks on this catalogue

In this catalogue **„Instruments for Orthopaedic and Trauma Surgery"** we offer an expanded line of standard instruments. Basic sets can be completely assembled from quality ***ulrich*** instrumentation. You will find a broad selection of implants and instruments that will assist surgeons while performing surgery on the:
- Shoulder
- Hand and foot
- Pelvis
- Extremities and knee
- Spine

As a companion to the ***ulrich*** catalogue „Surgical Instruments" (1999) we are able to offer a comprehensive system of quality ***ulrich*** surgical instruments.

***ulrich* – your complete supplier.**

All instruments and implants that bear the ***ulrich*** name, are manufactured according to the highest quality standards. The sophisticated, experienced ulrich staff of designers, technicians, craftsmen and service personnel is your assurance of quality.

Since February 1996 ***ulrich GmbH & Co. KG*** has been CE-certified, and complies with GMP/QSR and FDA protocols.

***ulrich* for success.**

Zu diesem Katalog

In diesem Katalog **„Knochenchirurgische Instrumente"** bieten wir erstmals eine komplette Linie von Basisinstrumenten an, so dass orthopädische und traumatologische Grundsiebe ausgestattet werden können. Sie finden eine breite Auswahl an Instrumenten und Implantaten, die benötigt werden für die Chirurgie an
- Schulter
- Hand- und Fuß
- Becken
- Extremitäten und Knie
- Wirbelsäule

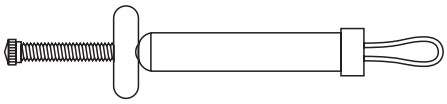
Zusammen mit unserem Katalog „Chirurgische Instrumente", der 1999 veröffentlicht wurde, steht nun ein breites Produktspektrum zur Verfügung.

***ulrich* – Ihr Komplettausstatter**

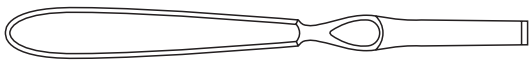
Alle Instrumente und Implantate entsprechen den hohen Qualitätsansprüchen von ***ulrich***.
Das hohe Know-How unserer Designer, Techniker und unseres Servicepersonals gibt Ihnen die Sicherheit, höchste Qualität zu erwerben.

Seit Februar 1996 ist die ***ulrich GmbH & Co. KG*** CE-zertifiziert.
GMP/QSR (Quality System Regulation)- und FDA-Konformität sind selbstverständlich.

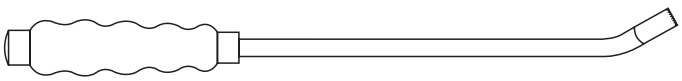
**Mit *ulrich* zum Erfolg.**



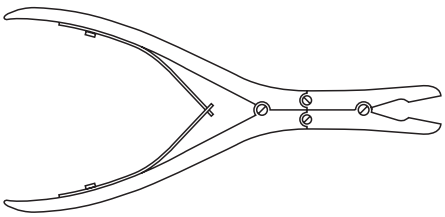

Meßinstrumente, Diagnostik
Tourniquet, Extension
Cerclagedrähte und -instrumente
*Measuring and diagnostic devices*
*tourniquet, extension*
*wire and instruments for cerclage*
1

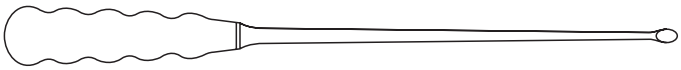

Dissektoren, Elevatorien
Raspatorien, Knochenhebel
Knochenfasszangen
*Dissectors, elevators*
*raspatories, bone levers*
*bone holding forceps*
2

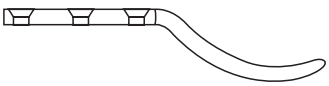

Meißel, Stößel
Hämmer, Gipsinstrumente
*Chisels (osteotomes), tampers*
*mallets, plaster instruments*
3

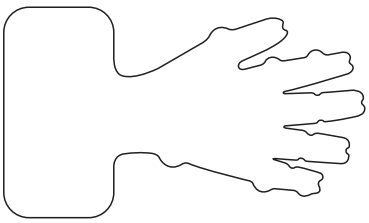

Knochensplitterzangen, Hohlmeißel-
zangen, Rongeure, Knochenstanzen
Knochenfräsen, Biopsiekanülen
*Bone cutting forceps, rib rongeurs*
*rongeurs, punches, cutters*
*biopsy cannulas*
4

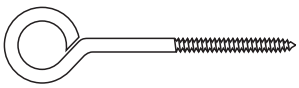

Küretten, scharfe Löffel
Knochenfeilen
*Curettes, spoon curettes*
*bone files*
5

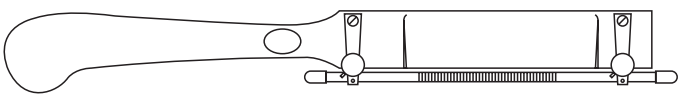

Kopfchirurgie
Schulterchirurgie
*Cranial surgery*
*Shoulder surgery*
6


Hand- und Fußchirurgie
*Hand and foot surgery*
7


Becken-, Extremitäten- und
Kniechirurgie
*Pelvis, extremities and*
*knee surgery*
8

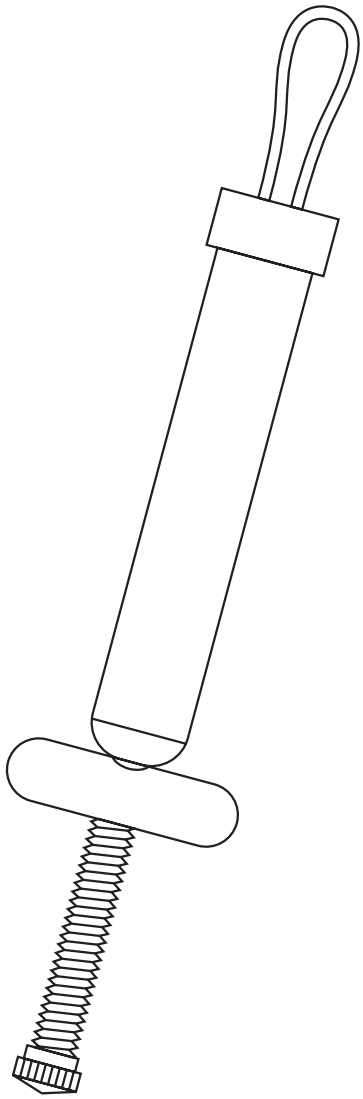

Plastische Chirurgie
*Plastic surgery*
9





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# 1




**Meßinstrumente, Diagnostik Tourniquet, Extension Cerclagedrähte und -instrumente**
***Measuring and diagnostic devices tourniquet, extension wire and instruments for cerclage***

Dissektoren, Elevatorien Raspatorien, Knochenhebel Knochenfasszangen
*Dissectors, elevators raspatories, bone levers bone holding forceps*

Meißel, Stößel Hämmer, Gipsinstrumente
*Chisels / osteotomes, tampers mallets, plaster instruments*

Knochensplitterzangen, Hohlmeißelzangen, Rongeure, Knochenstanzen Knochenfräsen, Biopsiekanülen
*Bone cutting forceps, bone rongeurs, rongeurs, punches, cutters biopsy cannulas*

Küretten, scharfe Löffel Knochenfeilen
*Curettes, spoon curettes bone files*

Kopfchirurgie Schulterchirurgie
*Cranial surgery Shoulder surgery*

Hand- und Fußchirurgie
*Hand and foot surgery*

Becken-, Extremitäten- und Kniechirurgie
*Pelvis, extremities and knee surgery*

Plastische Chirurgie
*Plastic surgery*

Stichwortverzeichnis
*Index*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Meßbereich in mm *scope/range in mm* | Meßbereich in ° *scope/range in °* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Ø außen in mm *outer Ø in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|

**Stahlmaßstab** **Streli**
***Steel ruler*** ***Streli***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 165 | 6 1/2 | 150 | | 13,5 | | | **UT 1010-17** |

**Besonderheiten / *specification***

Millimeter- und Zolleinteilung, mit Lochlehre (Ø 0,8 bis 8,0 mm) / *in mm and inch, gauge Ø 0.8 to 8.0 mm*

**Stahlmaßstab**
***Steel ruler***

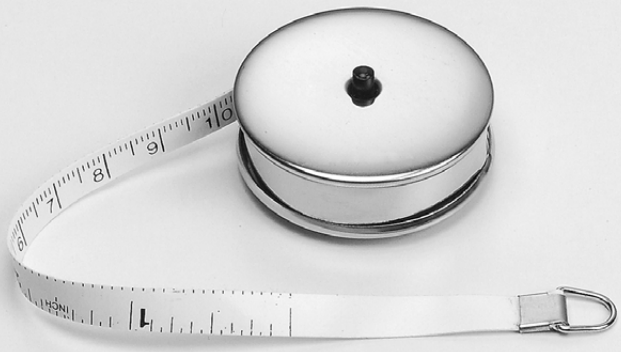


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 165 | 6 1/2 | 150 | | 13,5 | | | **UT 1015-15** |
| 315 | 12 3/8 | 300 | | 13,5 | | | **UT 1015-30** |
| 515 | 20 1/4 | 500 | | 13,5 | | | **UT 1015-50** |

**Besonderheiten / *specification***

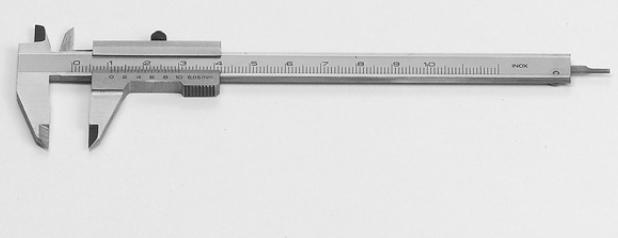
Millimeter- und Zolleinteilung / *in mm and inch*

**Bandmaß**
***Tape measure***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1500 | 59 | 1500 | | 7 | | 42 | **UT 1020-15** |

**Meßschieber mit Nonius**
***Caliper gauge***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 165 | 6 1/2 | 100 | | 50 | | | **UT 1030-16** |

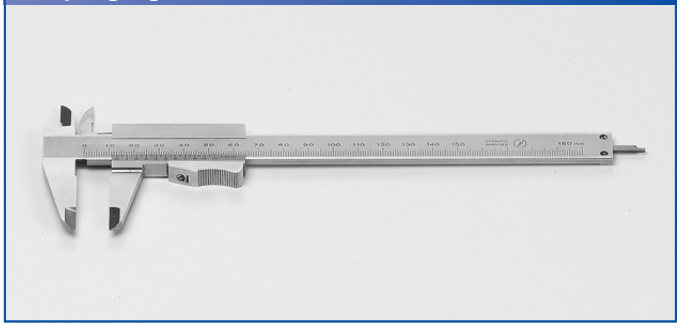
**Besonderheiten / *specification***

Nonius 0,05 mm / *nonius 0.05 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Meßbereich in mm *scope/range in mm* | Meßbereich in ° *scope/range in °* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Ø außen in mm *outer Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

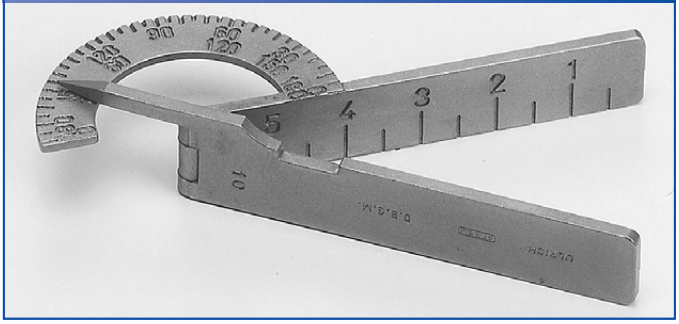
## Meßschieber mit Nonius
***Caliper gauge***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 230 | 9 | 150 | | 75 | | | **UT 1031-23** |

**Besonderheiten / *specification***
Nonius 0,05 mm / *nonius 0.05 mm*

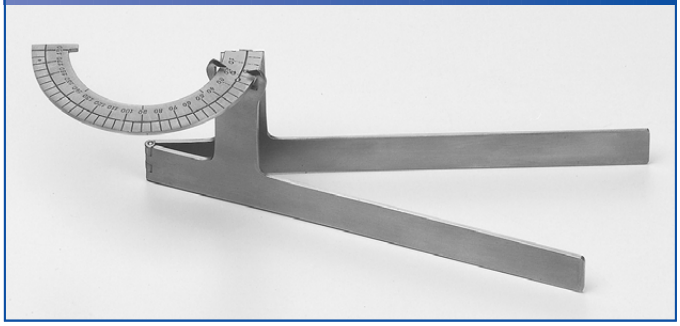
## Fingerwinkelmesser — Streli
***Finger goniometer — Streli***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 120 | 4 3/4 | | 180 | 12 | | | **UT 1040-12** |

**Besonderheiten / *specification***
Schenkellänge 60 mm, verchromt / *arm lenght 60 mm, chrome*

## Winkelmesser — Möltgen
***Goniometer — Moeltgen***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 360 | 14 1/4 | | 180 | | 65 | | **UT 1042-36** |

**Besonderheiten / *specification***
Meßskala abwinkelbar / *hinged*

## Zirkel — Streli
***Caliper — Streli***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 155 | 6 1/8 | 180 | | | | | **UT 1050-16** |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Meßbereich in mm *scope/range in mm* | Meßbereich in ° *scope/range in °* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Ø außen in mm *outer Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

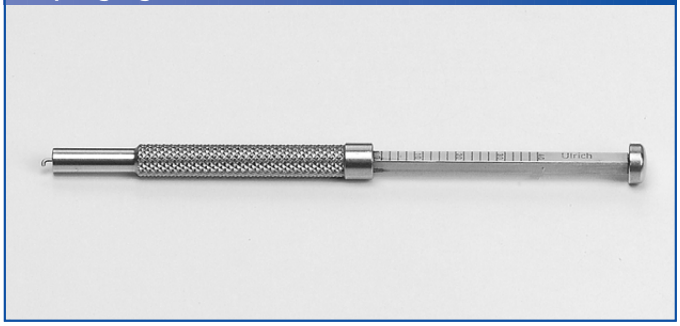
**Hautmeßzirkel Castroviejo**
***Caliper Castroviejo***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 85 | 3 3/8 | 20 | | | | | **UT 1051-09** |

**Besonderheiten / *specification***
Meßschenkellänge 30 mm / *arm lenght 30 mm*

**Tiefenmesser**
***Depth gauge***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 148 | 5 3/4 | 40 | | 1 | 2 | 9 | **UT 1060-15** |

**Besonderheiten / *specification***
zur Bestimmung von Schraubenlängen / *to determine lenght of screw*

**Tiefenmesser**
***Depth gauge***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 185 | 7 1/4 | 70 | | 1 | | 8 | **UT 1065-19** |

**Besonderheiten / *specification***
gerade, stumpf; zur Bestimmung von Schraubenlängen / *straight, blunt; angled, blunt; to determine length of screw*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 185 | 7 1/4 | 70 | | 1 | 1 | 8 | **UT 1066-19** |

**Besonderheiten / *specification***
gewinkelt, stumpf; zur Bestimmung von Schraubenlängen / *angled, blunt; to determine length of screw*

**Tiefenmesser**
***Depth gauge***



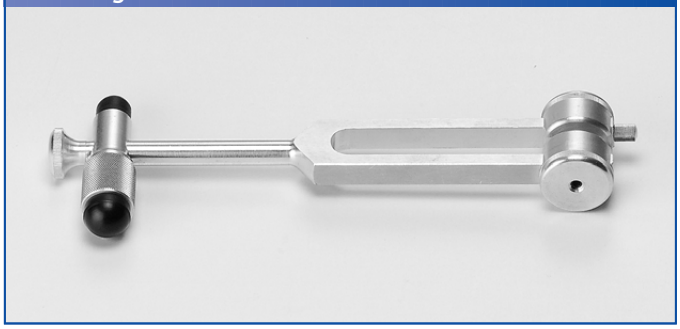
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 225 | 8 7/8 | 50 | | 2,5 | 1,7 | 12 | **UT 1070-23** |

**Besonderheiten / *specification***
gewinkelt, stumpf; zur Bestimmung der Schraubenlänge / *angled, blunt; to determine length of screw*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Meßbereich in mm *scope/range in mm* | Meßbereich in ° *scope/range in °* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Ø außen in mm *outer Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

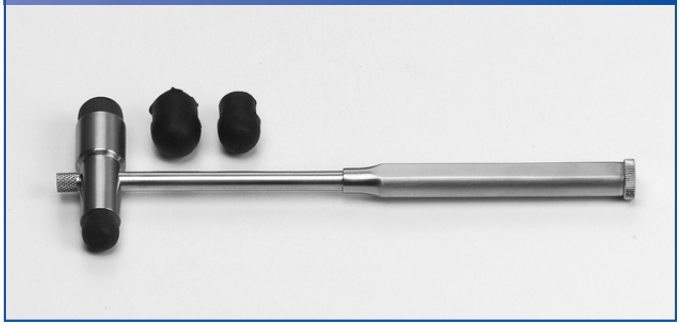
**Neurologischer Hammer**
***Neurological mallet***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 210 | 8 1/4 | | 1 | | 70 | 12/16 | **UT 1080-21** |

**Besonderheiten / *specification***
beinhaltet Nadelrad, Hautnadel, Feinhaarpinsel, Stimmgabel / *includes pinwheel, needle, brush, tuning fork*

**Perkussionshammer** **Buck**
***Percussion mallet*** ***Buck***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 180 | 7 | | | | | | **UT 1090-18** |

**Besonderheiten / *specification***
beinhaltet: Hautnadel, Feinhaarpinsel / *includes needle, brush*

**Ersatzgummieinsatz, klein / *Spare rubber inlay, small***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | 11,5 | **UT 1091-01** |

**Ersatzgummieinsatz, groß / *Spare rubber inlay, large***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | 14,5 | **UT 1092-02** |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Fingertourniquet mit Metallband**
***Finger tourniquet with metallic closure***



| | | | | | | |
|---|---|---|---|---|---|---|
| 150 | 6 | | 10 | | | **UT 1100-15** |

**Besonderheiten / *specification***
max.Fingerdurchmeßer ca. 40 mm /
*maximum diameter of finger appr. 40 mm*

**Ersatzstellknebel zum Fingertourniquet / *Spare tightener***

| | | | | | | |
|---|---|---|---|---|---|---|
| 32 | 1 1/4 | | 10 | | | **UT 1101-00** |

**Ersatzmetallband zum Fingertourniquet /**
***Spare metallic loop***

| | | | | | | |
|---|---|---|---|---|---|---|
| 150 | 6 | 8 | | | | **UT 1102-15** |

**Ersatzschraube zum Fingertourniquet /**
***Spare screw for tourniquet***

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 8 | | | **UT 1103-00** |

**Gummistaubinde** **Esmarch**
***Rubber compression bandage*** ***Esmarch***



| | | | | | | |
|---|---|---|---|---|---|---|
| 5000 | 196 7/8 | 60 | | | | **UT 1115-06** |
| 5000 | 196 7/8 | 80 | | | | **UT 1115-08** |
| 5000 | 196 7/8 | 100 | | | | **UT 1115-10** |

**Kompressionsapparat** **Kirschner**
***Tourniquet*** ***Kirschner***

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | **UT 1120-00** |

**Besonderheiten / *specification***
bestehend aus UT 1121-35 und UT 1125-06 / *consisting of UT 1121-35 and UT 1125-06*

**Handpumpe und Schlauch** **Kirschner**
***Manual pump incl. hose*** ***Kirschner***



| | | | | | | |
|---|---|---|---|---|---|---|
| 350 | 13 3/4 | | 25 | | LLm *luer lock male* | **UT 1121-35** |

**Lederdichtung zur Handpumpe / *Leather sealing***

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 24 | | | **UT 1122-02** |

**Schlauch Handpumpe - Manometer /**
***Hose manual pump - manometer***

| | | | | | | |
|---|---|---|---|---|---|---|
| 110 | 4 3/8 | | | | LLm *luer lock male* | **UT 1123-11** |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Manometer inkl. Schlauch und Ventil** **Kirschner**
***Manometer incl. hose and sealing*** ***Kirschner***



| | | | | | | |
|---|---|---|---|---|---|---|
| 1000 | 39 3/8 | | | | LLw *luer female* | **UT 1125-06** |

**Besonderheiten / *specification***
Schlauchlänge 900 mm, Schlauchansatz LLm / *length of hose 900 mm, luer lock male*

**Manometer allein / *Manometer, only***

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 60 | | | **UT 1126-06** |

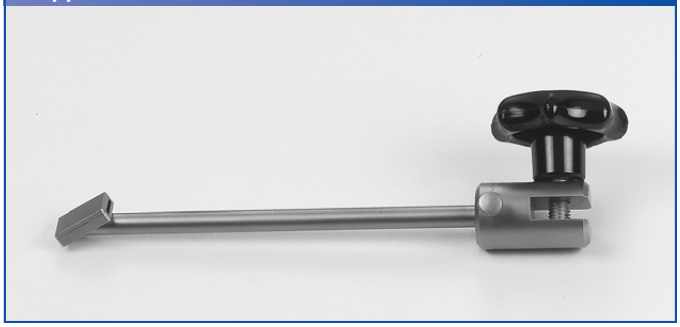
**Ersatzglas zum Manometer / *Spare glass for manometer***

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 56 | | | **UT 1127-06** |

**Haltering zum Manometer / *Holder for manometer***

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 60 | | | **UT 1128-06** |

**Haltestange für Manometer** **Kirschner**
***Support for manometer*** ***Kirschner***



| | | | | | | |
|---|---|---|---|---|---|---|
| 235 | 9 1/4 | 70 | | | | **UT 1130-24** |



## Manschette mit Schnallenverschluss
***Cuff with buckle closure***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| 500 | 19 3/4 | 50 | | | LLw *luer lock female* | **UT 1140-05-50** |
| 290 | 11 1/2 | 55 | | | LLw *luer lock female* | **UT 1140-06-29** |
| 800 | 31 1/2 | 60 | | | LLw *luer lock female* | **UT 1140-06-80** |
| 510 | 20 | 75 | | | LLw *luer lock female* | **UT 1140-08-51** |
| 770 | 30 1/4 | 85 | | | LLw *luer lock female* | **UT 1140-09-77** |
| 800 | 31 1/2 | 110 | | | LLw *luer lock female* | **UT 1140-11-80** |
| 1000 | 39 3/8 | 140 | | | LLw *luer lock female* | **UT 1140-14-100** |

| **Anwendung *application*** | Oberarm/Kinder *upper arm/children* | Oberschenkel *tigh* | Oberarm *upper arm* |
|---|---|---|---|
| UT 1140-05-50 | | • | |
| UT 1140-06-29 | • | | |
| UT 1140-06-80 | | • | |
| UT 1140-08-51 | | | • |
| UT 1140-09-77 | | • | |
| UT 1140-11-80 | | • | |
| UT 1140-14-100 | | • | |

## Doppelkammermanschette mit Schnallenverschluss
***Double-chamber cuff with buckle closure***



| | | | | | | |
|---|---|---|---|---|---|---|
| 500 | 19 3/4 | 100 | | | LLw *luer lock female* | **UT 1142-10-50** |

**Anwendung / *application***
IVRA, Oberarm / *ILA, upper arm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 770 | 30 1/4 | 110 | | | LLw *luer lock female* | **UT 1142-11-77** |

**Anwendung / *application***
IVRA, Oberschenkel / *ILA, tigh*



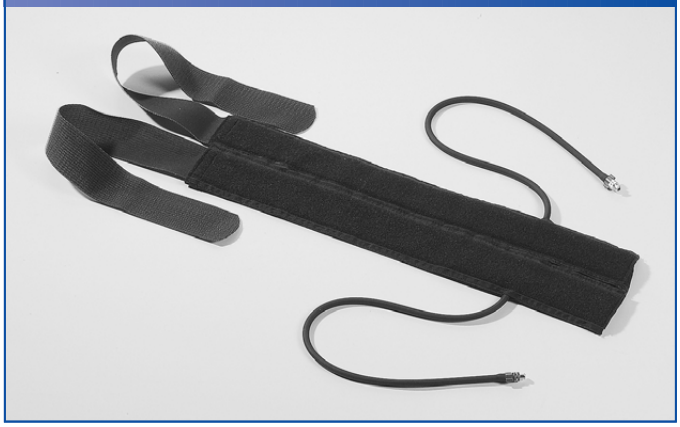
### Manschette mit Klettverschluss
### *Cuff with velcro closure*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 45 | | | LLw *luer lock female* | **UT 1150-05-25** |
| 290 | 11 1/2 | 55 | | | LLw *luer lock female* | **UT 1150-06-29** |
| 800 | 31 1/2 | 60 | | | LLw *luer lock female* | **UT 1150-06-80** |
| 510 | 20 | 75 | | | LLw *luer lock female* | **UT 1150-08-51** |
| 770 | 30 1/4 | 85 | | | LLw *luer lock female* | **UT 1150-09-77** |
| 800 | 31 1/2 | 110 | | | LLw *luer lock female* | **UT 1150-11-80** |
| 1000 | 39 3/8 | 140 | | | LLw *luer lock female* | **UT 1150-14-100** |

| **Anwendung *application*** | Oberarm/Kinder *upper arm/children* | Oberschenkel *tigh* | Oberarm *upper arm* |
|---|---|---|---|
| UT 1150-05-25 | • | | |
| UT 1150-06-29 | • | | |
| UT 1150-06-80 | | • | |
| UT 1150-08-51 | | | • |
| UT 1150-09-77 | | • | |
| UT 1150-11-80 | | • | |
| UT 1150-14-100 | | • | |

### Doppelkammermanschette mit Klettverschluss
### *Double-chamber cuff with velcro closure*



| | | | | | | |
|---|---|---|---|---|---|---|
| 500 | 19 3/4 | 100 | | | LLw *luer lock female* | **UT 1152-10-50** |

**Anwendung / *application***
IVRA, Oberarm / *ILA, upper arm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 770 | 30 1/4 | 110 | | | LLw *luer lock female* | **UT 1152-11-77** |

**Anwendung / *application***
IVRA, Oberschenkel / *ILA, tigh*

# Tourniquet, Blutsperregeräte
*Tourniquet*



## Ersatzgummiblase
***Spare rubber bladder***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| 200 | 7 7/8 | 25 | | | LLw *luer lock female* | **UT 1160-03-20** |
| 600 | 23 5/8 | 40 | | | LLw *luer lock female* | **UT 1160-04-60** |
| 240 | 9 1/2 | 45 | | | LLw *luer lock female* | **UT 1160-05-24** |
| 410 | 16 1/8 | 45 | | | LLw *luer lock female* | **UT 1160-05-41** |
| 410 | 16 1/8 | 60 | | | LLw *luer lock female* | **UT 1160-06-41** |
| 560 | 22 | 75 | | | LLw *luer lock female* | **UT 1160-08-56** |
| 600 | 23 5/8 | 100 | | | LLw *luer lock female* | **UT 1160-10-60** |
| 810 | 32 | 125 | | | LLw *luer lock female* | **UT 1160-13-81** |

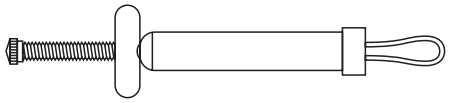
| **passend zu *for*** | UT 1160-03-20 | UT 1160-04-60 | UT 1160-05-24 | UT 1160-06-41 | UT 1160-08-56 | UT 1160-10-60 | UT 1160-13-81 | UT 1160-05-41 |
|---|---|---|---|---|---|---|---|---|
| UT 1150-05-25 | • | | | | | | | |
| UT 1140-06-80 | | • | | | | | | |
| UT 1150-06-80 | | • | | | | | | |
| UT 1142-11-77 | | • | | | | | | |
| UT 1152-11-77 | | • | | | | | | |
| UT 1140-06-29 | | | • | | | | | |
| UT 1150-06-29 | | | • | | | | | |
| UT 1140-08-51 | | | | • | | | | |
| UT 1150-08-51 | | | | • | | | | |
| UT 1140-09-77 | | | | | • | | | |
| UT 1150-09-77 | | | | | • | | | |
| UT 1140-11-80 | | | | | | • | | |
| UT 1150-11-80 | | | | | | • | | |
| UT 1140-14-100 | | | | | | | • | |
| UT 1150-14-100 | | | | | | | • | |
| UT 1140-05-50 | | | | | | | | • |
| UT 1142-10-50 | | | | | | | | • |
| UT 1152-10-50 | | | | | | | | • |

## Verschlusskappe
***Plug***



| | | | | | | |
|---|---|---|---|---|---|---|
| 540 | 21 1/4 | | | | | **UT 1170** |

**Besonderheiten / *specification***
für LLw / *for luer lock female*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Automatisches Blutsperregerät Kariba**
***Automatic tourniquet Kariba***




| | | | | | | |
|---|---|---|---|---|---|---|
| 226 | 8 7/8 | 236 | | | | **UT 1210-00** |

**Besonderheiten / *specification***
inkl. externes Netzgerät und rückseitigem Haltekloben, Tiefe 130 mm / *includes external power supply and locking device for standard mounting rail, depth 130 mm*

**Netzgerät mit Kabel für Kariba / *Power supply for kariba***

| | | | | | | |
|---|---|---|---|---|---|---|
| 5000 | 196 7/8 | | | | | **UT 1211-00** |

**Datenkabel zum PC für Kariba**
***Cable for data transfer to connect to PC, kariba***



| | | | | | | |
|---|---|---|---|---|---|---|
| 5000 | 196 7/8 | | | | | **UT 1212-500** |

**Fahrstativ**
***Mobile stand***



| | | | | | | |
|---|---|---|---|---|---|---|
| 870 | 34 1/4 | 560 | | | | **UT 1220-00** |

**Edelstahldrahtkorb / *Stainless steel basket***

| | | | | | | |
|---|---|---|---|---|---|---|
| 400 | 15 3/4 | 200 | | | | **UT 1221-40** |

**Besonderheiten / *specification***
Tiefe / *depth 150 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

## Flaschenhalter
***Bottle holder***



| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | **UT 1222-00** |

**$CO_2$-Flasche, 2 Liter, gefüllt / *$CO_2$ gas bottle, 2 l, filled***

| | | | | | | |
|---|---|---|---|---|---|---|
| 420 | 16 1/2 | | 100 | | | **UT 1223-42** |

**$CO_2$-Druckreduzierventil / *Pressure reducing set $CO_2$***

| | | | | | | |
|---|---|---|---|---|---|---|
| 140 | 5 1/2 | 180 | | | | **UT 1224-00** |

**Druckgasschlauch / *Connecting hose***

| | | | | | | |
|---|---|---|---|---|---|---|
| 600 | 23 5/8 | | | | | **UT 1225-60** |

**Gabelschlüssel für $CO_2$-Flasche / *Spanner***

| | | | | | | |
|---|---|---|---|---|---|---|
| 260 | 10 1/4 | | | | | **UT 1226-26** |

**Besonderheiten / *specification***
SW 30 mm / *wrench 30 mm*

## Autodynamisches Blutsperregerät Assuan
***Autodynamic tourniquet assuan***




| | | | | | | |
|---|---|---|---|---|---|---|
| 299 | 11 5/8 | 236 | | | | **UT 1230-00** |

**Besonderheiten / *specification***
inkl. Netzleitung, Datenkabel zum Blutdreckmeßgerät und rückseitigem Haltekloben, Tiefe 130 mm / *includes cable and cable to connect to blood pressure monitor as well as a locking device for standard mounting rail, depth 130 mm*

**Netzkabel für Assuan / *Power cable***

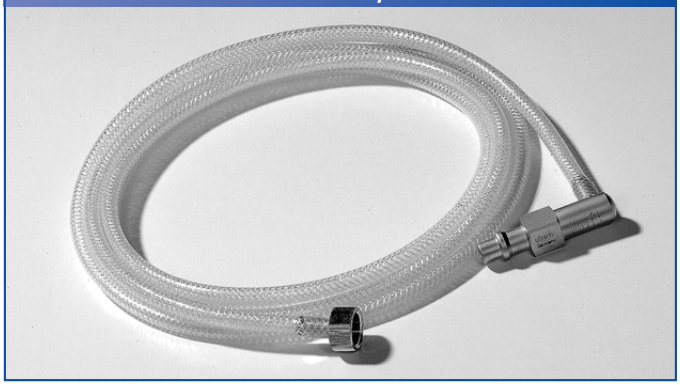
| | | | | | | |
|---|---|---|---|---|---|---|
| 5000 | 196 7/8 | | | | | **UT 1231-500** |

## Datenkabel zum PC für Assuan
***Cable for data transfer to connect to PC, assuan***



| | | | | | | |
|---|---|---|---|---|---|---|
| 5000 | 196 7/8 | | | | | **UT 1233-500** |



| | Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|
| **Druckanschlußschlauch für ZGV** *Connection hose for central compressed air* | | | | | | | |
|  | 3000 | 118 1/8 | | | | | **UT 1260-300** |
| | 5000 | 196 7/8 | | | | | **UT 1260-500** |
| **Verbindungsschlauch** *Supply hose control unit/cuff* | | | | | | | |
|  | 3000 | 118 1/8 | | | 400 | grün / *green* | **UT 1274-300** |
| | 5000 | 196 7/8 | | | 400 | grün / *green* | **UT 1274-500** |
| | 3000 | 118 1/8 | | | 700 | orange | **UT 1277-300** |
| | 5000 | 196 7/8 | | | 700 | orange | **UT 1277-500** |
| **Testgerät** *Testing device* | | | | | | | |
|  | 180 | 7 | 90 | | | | **UT 1280-00** |

**Besonderheiten / *specification***
Höhe 170 mm/ *height 170 mm*

# Tourniquet, Blutsperregeräte
*Tourniquet*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

## Manschette mit Schnallenverschluss
## *Cuff with buckle closure*



| | | | | | | |
|---|---|---|---|---|---|---|
| 500 | 19 3/4 | 50 | | 400 | grün / *green* | **UT 1304-05-50** |

**Anwendung / *application***
Kleinkinder / *small children*

| | | | | | | |
|---|---|---|---|---|---|---|
| 290 | 11 1/2 | 55 | | 400 | grün / *green* | **UT 1304-06-29** |

**Anwendung / *application***
Oberarm/Kinder / *upper arm/children*

| | | | | | | |
|---|---|---|---|---|---|---|
| 510 | 20 | 75 | | 400 | grün / *green* | **UT 1304-08-51** |

**Anwendung / *application***
Oberarm / *upper arm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 800 | 31 1/2 | 60 | | 700 | orange | **UT 1307-06-80** |

**Anwendung / *application***
Oberschenkel / *tigh*

| | | | | | | |
|---|---|---|---|---|---|---|
| 510 | 20 | 75 | | 700 | orange | **UT 1307-08-51** |

**Anwendung / *application***
Unterschenkel / *lower leg*

| | | | | | | |
|---|---|---|---|---|---|---|
| 770 | 30 1/4 | 85 | | 700 | orange | **UT 1307-09-77** |
| 800 | 31 1/2 | 110 | | 700 | orange | **UT 1307-11-80** |
| 1000 | 39 3/8 | 140 | | 700 | orange | **UT 1307-14-100** |

**Anwendung / *application***
Oberschenkel / *tigh*

## Doppelkammermanschette mit Schnallenverschluss
## *Double-chamber cuff with buckle closure*



| | | | | | | |
|---|---|---|---|---|---|---|
| 500 | 19 3/4 | 100 | | 400 | grün / *green* | **UT 1304-10-50** |

**Anwendung / *application***
IVRA, Oberarm / *ILA, upper arm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 770 | 30 1/4 | 110 | | 700 | orange | **UT 1307-11-77** |

**Anwendung / *application***
IVRA, Oberschenkel / *ILA, tigh*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| **Manschette mit Klettverschluss** ***Cuff with velcro closure*** | | | | | | |
| 250 | 9 7/8 | 45 | | 400 | grün / *green* | **UT 1314-05-25** |
| **Anwendung / *application*** Kleinkinder / *small children* | | | | | | |
| 290 | 11 1/2 | 55 | | 400 | grün / *green* | **UT 1314-06-29** |
| **Anwendung / *application*** Oberarm/Kinder / *upper arm/children* | | | | | | |
| 510 | 20 | 75 | | 400 | grün / *green* | **UT 1314-08-51** |
| **Anwendung / *application*** Oberarm / *upper arm* | | | | | | |
| 510 | 20 | 75 | | 700 | orange | **UT 1317-08-51** |
| **Anwendung / *application*** Unterschenkel / *lower leg* | | | | | | |
| 770 | 30 1/4 | 85 | | 700 | orange | **UT 1317-09-77** |
| 800 | 31 1/2 | 110 | | 700 | orange | **UT 1317-11-80** |
| 1000 | 39 3/8 | 140 | | 700 | orange | **UT 1317-14-100** |
| **Anwendung / *application*** Oberschenkel / *tigh* | | | | | | |
| **Doppelkammermanschette mit Klettverschluss** ***Double-chamber cuff with velcro closure*** | | | | | | |
| 500 | 19 3/4 | 100 | | 400 | grün / *green* | **UT 1314-10-50** |
| **Anwendung / *application*** IVRA, Oberarm / *ILA, upper arm* | | | | | | |
| 770 | 30 1/4 | 110 | | 700 | orange | **UT 1317-11-77** |
| **Anwendung / *application*** IVRA, Oberschenkel / *ILA, tigh* | | | | | | |







**Ersatzgummiblase**
***Spare rubber bladder***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| 200 | 7 7/8 | 25 | | 400 | grün / *green* | **UT 1324-03-20** |
| **passend zu / *for*** UT 1314-05-25 | | | | | | |
| 240 | 9 1/2 | 45 | | 400 | grün / *green* | **UT 1324-05-24** |
| **passend zu / *for*** UT 1304-06-29 und/*and* UT 1314-06-29 | | | | | | |
| 410 | 16 1/8 | 45 | | 400 | grün / *green* | **UT 1324-05-41** |
| **passend zu / *for*** UT 1304-05-50, UT 1304-10-50 und/*and* UT 1314-10-50 | | | | | | |
| 410 | 16 1/8 | 60 | | 400 | grün / *green* | **UT 1324-06-41** |
| **passend zu / *for*** UT 1304-08-51 und/*and* UT 1314-08-51 | | | | | | |
| 600 | 23 5/8 | 40 | | 700 | orange | **UT 1327-04-60** |
| **passend zu / *for*** UT 1307-06-80, UT 1307-11-77 und/*and* UT 1317-11-77 | | | | | | |
| 410 | 16 1/8 | 60 | | 700 | orange | **UT 1327-06-41** |
| **passend zu / *for*** UT 1307-08-51 und/*and* UT 1317-08-51 | | | | | | |
| 560 | 22 | 75 | | 700 | orange | **UT 1327-08-56** |
| **passend zu / *for*** UT 1307-09-77 und/*and* UT 1317-09-77 | | | | | | |
| 600 | 23 5/8 | 100 | | 700 | orange | **UT 1327-10-60** |
| **passend zu / *for*** UT 1307-11-80 und/*and* UT 1317-11-80 | | | | | | |
| 810 | 32 | 125 | | 700 | orange | **UT 1327-13-81** |
| **passend zu / *for*** UT 1307-14-100 und/*and* UT 1317-14-100 | | | | | | |



**Verstärkungsfolie**
***Stabilizer***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| 270 | 10 5/8 | 47 | | | | **UT 1330-05-27** |
| **passend zu / *for*** UT 1140-06-29, UT 1150-06-29, UT 1304-06-29 und/*and* UT 1314-06-29 | | | | | | |
| 480 | 19 | 45 | | | | **UT 1330-05-48** |
| **passend zu / *for*** UT 1142-10-50, UT 1152-10-50, UT 1304-05-50, UT 1304-10-50 und/*and* UT 1314-10-50 | | | | | | |
| 760 | 30 | 45 | | | | **UT 1330-05-76** |
| **passend zu / *for*** UT 1140-06-80, UT 1150-06-80, UT 1307-06-80, UT 1307-11-77 und/*and* UT 1317-11-77 | | | | | | |
| 485 | 19 | 65 | | | | **UT 1330-07-49** |
| **passend zu / *for*** UT 1140-08-51, UT 1150-08-51, UT 1307-08-51 und/*and* UT 1317-08-51 | | | | | | |
| 730 | 28 3/4 | 80 | | | | **UT 1330-08-73** |
| **passend zu / *for*** UT 1140-09-77, UT 1150-09-77, UT 1307-09-77 und/*and* UT 1317-09-77 | | | | | | |
| 760 | 30 | 100 | | | | **UT 1330-10-76** |
| **passend zu / *for*** UT 1140-11-80, UT 1150-11-80, UT 1307-11-80 und/*and* UT 1317-11-80 | | | | | | |
| 970 | 38 1/4 | 130 | | | | **UT 1330-13-97** |
| **passend zu / *for*** UT 1307-14-100 und/*and* UT 1317-14-100 | | | | | | |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| **Stoffhülle, ohne Schnalle** *Fabric cover, without buckle* | | | | | | |
| 500 | 19 3/4 | 50 | | | | **UT 1340-05-50** |
| **passend zu / *for*** UT 1304-05-50 | | | | | | |
| 290 | 11 1/2 | 55 | | | | **UT 1340-06-29** |
| **passend zu / *for*** UT 1140-06-29 und/*and* UT 1304-06-29 | | | | | | |
| 800 | 31 1/2 | 60 | | | | **UT 1340-06-80** |
| **passend zu / *for*** UT 1140-06-80 und/*and* UT 1307-06-80 | | | | | | |
| 510 | 20 | 75 | | | | **UT 1340-08-51** |
| **passend zu / *for*** UT 1140-08-51, UT 1304-08-51 und/*and* UT 1307-08-51 | | | | | | |
| 770 | 30 1/4 | 85 | | | | **UT 1340-09-77** |
| **passend zu / *for*** UT 1140-09-77 und/*and* UT 1307-09-77 | | | | | | |
| 800 | 31 1/2 | 110 | | | | **UT 1340-11-80** |
| **passend zu / *for*** UT 1140-11-80 und/*and* UT 1307-11-80 | | | | | | |
| 1000 | 39 3/8 | 140 | | | | **UT 1340-14-100** |
| **passend zu / *for*** UT 1307-14-100 | | | | | | |
| **Doppelkammerstoffhülle, ohne Schnalle** *Double chamber fabric cover without buckle* | | | | | | |
| 500 | 19 3/4 | 100 | | | | **UT 1340-10-50** |
| **passend zu / *for*** UT 1142-10-50 und/*and* UT 1304-10-50 | | | | | | |
| 770 | 30 1/4 | 110 | | | | **UT 1340-11-77** |
| **passend zu / *for*** UT 1307-11-77 | | | | | | |

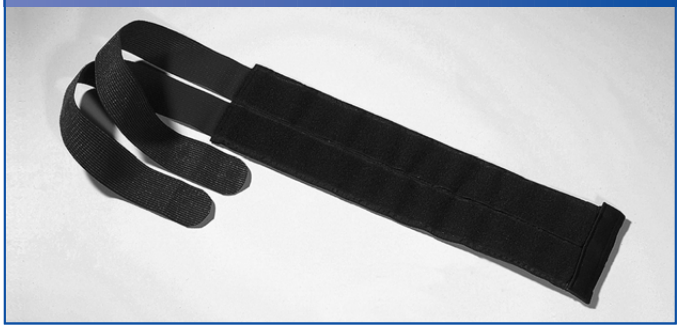


| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| **Schnalle** ***Buckle*** | | | | | | |
| | | 35 | | | | **UT 1345-04** |
| **passend zu / *for*** UT 1340-05-50, UT 1340-06-29, UT 1340-06-80, UT 1340-10-50 und/*and* UT 1340-11-77 | | | | | | |
| | | 53 | | | | **UT 1345-05** |
| **passend zu / *for*** UT 1340-08-51, UT 1340-09-77, UT 1340-11-80 und/*and* UT 1340-14-100 | | | | | | |
| **Stoffhülle mit Klette** ***Fabric cover with velcro*** | | | | | | |
| 250 | 9 7/8 | 45 | | | | **UT 1350-05-25** |
| **passend zu / *for*** UT 1314-05-25 | | | | | | |
| 290 | 11 1/2 | 55 | | | | **UT 1350-06-29** |
| **passend zu / *for*** UT 1150-06-29 und/*and* UT 1314-06-29 | | | | | | |
| 800 | 31 1/2 | 60 | | | | **UT 1350-06-80** |
| **passend zu / *for*** UT 1150-06-80 | | | | | | |
| 510 | 20 | 75 | | | | **UT 1350-08-51** |
| **passend zu / *for*** UT 1150-08-51, UT 1314-08-51 und/*and* UT 1317-08-51 | | | | | | |
| 770 | 30 1/4 | 85 | | | | **UT 1350-09-77** |
| **passend zu / *for*** UT 1150-09-77 und/*and* UT 1317-09-77 | | | | | | |
| 800 | 31 1/2 | 110 | | | | **UT 1350-11-80** |
| **passend zu / *for*** UT 1150-11-80 und/*and* UT 1317-11-80 | | | | | | |
| 1000 | 39 3/8 | 140 | | | | **UT 1350-14-100** |
| **passend zu / *for*** UT 1317-14-100 | | | | | | |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Ø außen in mm *outer Ø in mm* | Druck in mmHg *pressure in mmHg* | Anschluss *connector* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Doppelkammerstoffhülle mit Klette**
***Double chamber fabric cover with velcro***



| | | | | | | |
|---|---|---|---|---|---|---|
| 500 | 19 3/4 | 100 | | | | **UT 1350-10-50** |

**passend zu / *for***
UT 1152-10-50 und/*and* UT 1314-10-50

| | | | | | | |
|---|---|---|---|---|---|---|
| 770 | 30 1/4 | 110 | | | | **UT 1350-11-77** |

**passend zu / *for***
UT 1317-11-77

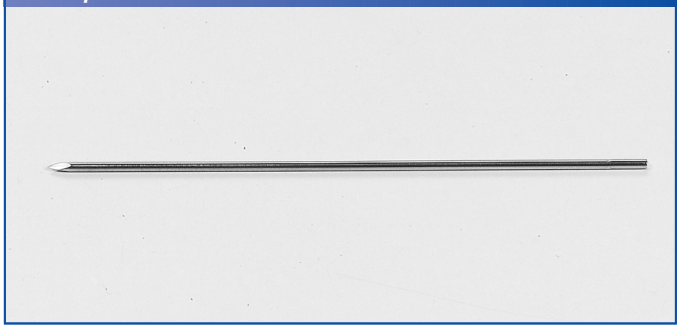
**Verschlusskappe**
***Plug***



| | | | | | | |
|---|---|---|---|---|---|---|
| 540 | 21 1/4 | | | | | **UT 1355** |



**Fingerbohrdraht**
***Wire pin***



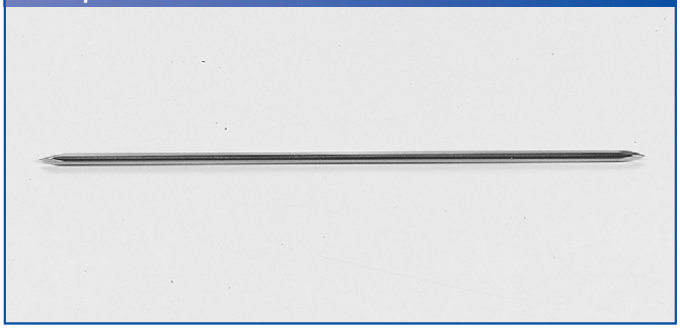
| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|
| 100 | 4 | 0,6 | | | | **UT 1406-10** |
| 150 | 6 | 0,6 | | | | **UT 1406-15** |
| 100 | 4 | 0,8 | | | | **UT 1408-10** |
| 150 | 6 | 0,8 | | | | **UT 1408-15** |
| 100 | 4 | 0,9 | | | | **UT 1409-10** |
| 100 | 4 | 1,0 | | | | **UT 1410-10** |
| 150 | 6 | 1,0 | | | | **UT 1410-15** |
| 100 | 4 | 1,2 | | | | **UT 1412-10** |
| 150 | 6 | 1,2 | | | | **UT 1412-15** |
| 100 | 4 | 1,3 | | | | **UT 1413-10** |
| 100 | 4 | 1,4 | | | | **UT 1414-10** |
| 150 | 6 | 1,4 | | | | **UT 1414-15** |
| 100 | 4 | 1,5 | | | | **UT 1415-10** |
| 150 | 6 | 1,5 | | | | **UT 1415-15** |
| 100 | 4 | 1,6 | | | | **UT 1416-10** |
| 150 | 6 | 1,6 | | | | **UT 1416-15** |
| 150 | 6 | 1,7 | | | | **UT 1417-15** |
| 100 | 4 | 1,8 | | | | **UT 1418-10** |
| 150 | 6 | 1,8 | | | | **UT 1418-15** |
| 100 | 4 | 2,0 | | | | **UT 1420-10** |
| 150 | 6 | 2,0 | | | | **UT 1420-15** |
| 100 | 4 | 2,2 | | | | **UT 1422-10** |
| 150 | 6 | 2,2 | | | | **UT 1422-15** |
| 150 | 6 | 2,5 | | | | **UT 1425-15** |

**Besonderheiten / specification**

Trokarspitze, rundes Ende; Implantatwerkstoff: Nichtrostender Stahl nach DIN 17443 bzw. ISO 5832/1 (AISI 316 L) / *Trokar tip, round shaft; stainless steel acc. to DIN 17443 or ISO 5832/1 (AISI 316 L)*



**Fingerbohrdraht**
***Wire pin***

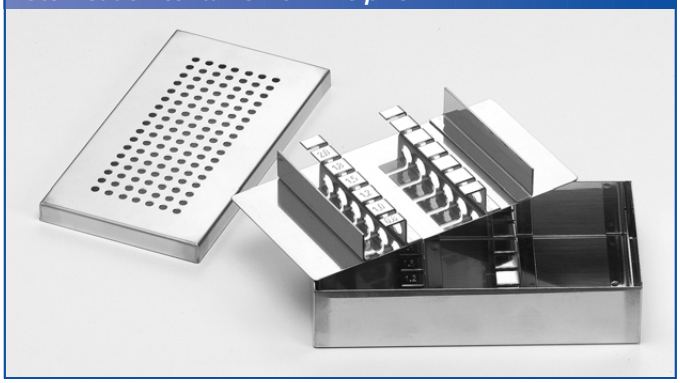


| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| 100 | 4 | 0,6 | | | | **UT 1436-10** |
| 100 | 6 | 0,8 | | | | **UT 1438-10** |
| 150 | 6 | 0,8 | | | | **UT 1438-15** |
| 100 | 4 | 1,0 | | | | **UT 1440-10** |
| 150 | 6 | 1,0 | | | | **UT 1440-15** |
| 100 | 4 | 1,2 | | | | **UT 1442-10** |
| 150 | 6 | 1,2 | | | | **UT 1442-15** |
| 100 | 4 | 1,4 | | | | **UT 1444-10** |
| 150 | 6 | 1,4 | | | | **UT 1444-15** |
| 100 | 4 | 1,6 | | | | **UT 1446-10** |
| 150 | 6 | 1,6 | | | | **UT 1446-15** |
| 100 | 4 | 1,8 | | | | **UT 1448-10** |
| 150 | 6 | 1,8 | | | | **UT 1448-15** |
| 150 | 6 | 2,0 | | | | **UT 1450-15** |

**Besonderheiten / *specification***

Beidseitige Trokarspitze; Implantatwerkstoff: Nichtrostender Stahl nach DIN 17443 bzw. ISO 5832/1 (AISI 316 L) / *Trokar tip,double ended; stainless steel acc. to DIN 17443 or ISO 5832/1 (AISI 316 L)*

**Sterilisierbehälter für Fingerbohrdrähte**
***Sterilisation container for wire pins***



| | | | | | | |
|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | 90 | | 40 | **UT 1460-17** |

**Besonderheiten / *specification***

Mit Lagerungsplatten für 100 mm und 150 mm, Ø 0,8 – 2,0 mm / *with racks for 100 mm and 150 mm lenght, Ø 0.8 – 2.0 mm*



**Bohrdraht** **Kirschner**
***Kirschner wire***

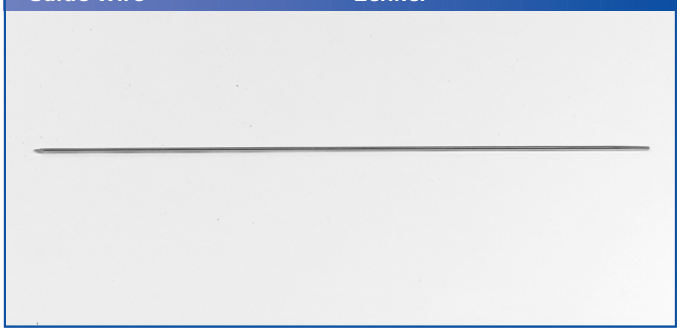


| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|
| 310 | 12 1/4 | 0,8 | | | | **UT 1468-31** |
| 310 | 12 1/4 | 0,9 | | | | **UT 1469-31** |
| 310 | 12 1/4 | 1,0 | | | | **UT 1470-31** |
| 310 | 12 1/4 | 1,2 | | | | **UT 1472-31** |
| 310 | 12 1/4 | 1,3 | | | | **UT 1473-31** |
| 310 | 12 1/4 | 1,4 | | | | **UT 1474-31** |
| 310 | 12 1/4 | 1,5 | | | | **UT 1475-31** |
| 310 | 12 1/4 | 1,6 | | | | **UT 1476-31** |
| 310 | 12 1/4 | 1,7 | | | | **UT 1477-31** |
| 310 | 12 1/4 | 1,8 | | | | **UT 1478-31** |
| 310 | 12 1/4 | 1,9 | | | | **UT 1479-31** |
| 310 | 12 1/4 | 2,0 | | | | **UT 1480-31** |
| 310 | 12 1/4 | 2,1 | | | | **UT 1481-31** |
| 310 | 12 1/4 | 2,2 | | | | **UT 1482-31** |
| 310 | 12 1/4 | 2,4 | | | | **UT 1484-31** |
| 310 | 12 1/4 | 2,5 | | | | **UT 1485-31** |
| 310 | 12 1/4 | 3,0 | | | | **UT 1490-31** |

**Besonderheiten / *specification***

Trokarspitze, flaches Ende; Implantatwerkstoff: Nichtrostender Stahl nach DIN 17443 bzw. ISO 5832/1 (AISI 316 L) / *Trokar tip, flat shaft; stainless steel acc. to DIN 17443 or ISO 5832/1 (AISI 316 L)*

**Führungsdraht** **Zenker**
***Guide wire*** ***Zenker***



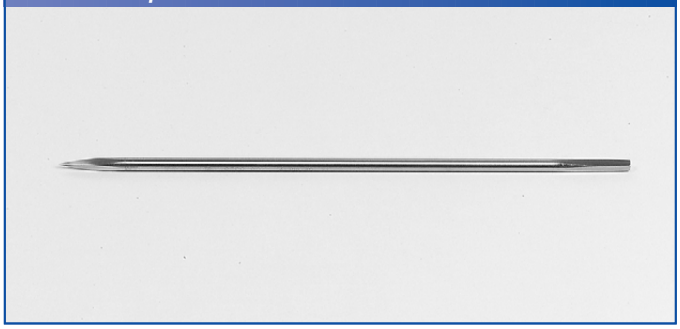
| | | | | | | |
|---|---|---|---|---|---|---|
| 310 | 12 1/4 | 1,2 | | | | **UT 1512-31** |
| 310 | 12 1/4 | 1,5 | | | | **UT 1515-31** |
| 310 | 12 1/4 | 1,7 | | | | **UT 1517-31** |
| 310 | 12 1/4 | 1,8 | | | | **UT 1518-31** |
| 310 | 12 1/4 | 1,9 | | | | **UT 1519-31** |
| 310 | 12 1/4 | 2,0 | | | | **UT 1520-31** |
| 310 | 12 1/4 | 2,2 | | | | **UT 1522-31** |

**Besonderheiten / *specification***

Meißelspitze; Implantatwerkstoff: Nichtrostender Stahl nach DIN 17443 bzw. ISO 5832/1 (AISI 316 L) / *chisel tip; stainless steel acc. to DIN 17443 or ISO 5832/1 (AISI 316 L)*



**Knochennagel** **Steinmann**
***Steinmann pin*** ***Steinmann***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|
| 80 | 3 1/8 | 4,0 | | | | **UT 1540-08** |
| 100 | 4 | 4,0 | | | | **UT 1540-10** |
| 120 | 4 3/4 | 4,0 | | | | **UT 1540-12** |
| 140 | 5 1/2 | 4,0 | | | | **UT 1540-14** |
| 150 | 6 | 4,0 | | | | **UT 1540-15** |
| 160 | 6 1/4 | 4,0 | | | | **UT 1540-16** |
| 180 | 7 | 4,0 | | | | **UT 1540-18** |
| 200 | 7 7/8 | 4,0 | | | | **UT 1540-20** |
| 210 | 8 1/4 | 4,0 | | | | **UT 1540-21** |
| 250 | 9 7/8 | 4,0 | | | | **UT 1540-25** |
| 150 | 6 | 4,5 | | | | **UT 1545-15** |
| 180 | 7 | 4,5 | | | | **UT 1545-18** |
| 200 | 7 7/8 | 4,5 | | | | **UT 1545-20** |
| 250 | 9 7/8 | 4,5 | | | | **UT 1545-25** |
| 150 | 6 | 5,0 | | | | **UT 1550-15** |
| 180 | 7 | 5,0 | | | | **UT 1550-18** |
| 250 | 9 7/8 | 5,0 | | | | **UT 1550-25** |
| 300 | 11 7/8 | 5,0 | | | | **UT 1550-30** |

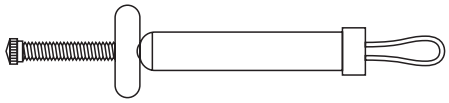
**Besonderheiten / *specification***

3kant-Schaft und Trokarspitze, mit Spitzendecker; Implantatwerkstoff: Nichtrostender Stahl nach DIN 17443 bzw. ISO 5832/1 (AISI 316 L) / *triangular shaft, trokar tip, includes pin guard: Stainless steel acc. to DIN 17443 bzw. ISO 5832/1 (AISI 316 L)*

**Spitzendecker allein** **Steinmann**
***Pin guard, only*** ***Steinmann***

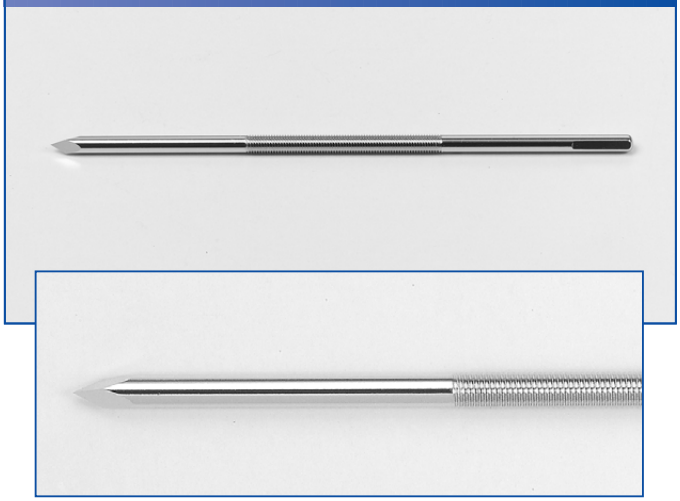


| | | | | | | |
|---|---|---|---|---|---|---|
| 30 | 1 1/4 | 4,0 | | | | **UT 1540-03** |
| 30 | 1 1/4 | 4,5 | | | | **UT 1545-03** |
| 30 | 1 1/4 | 5,0 | | | | **UT 1550-03** |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

## Knochennagel mit Gewinde Steinmann
## *Threaded bone nail Steinmann*

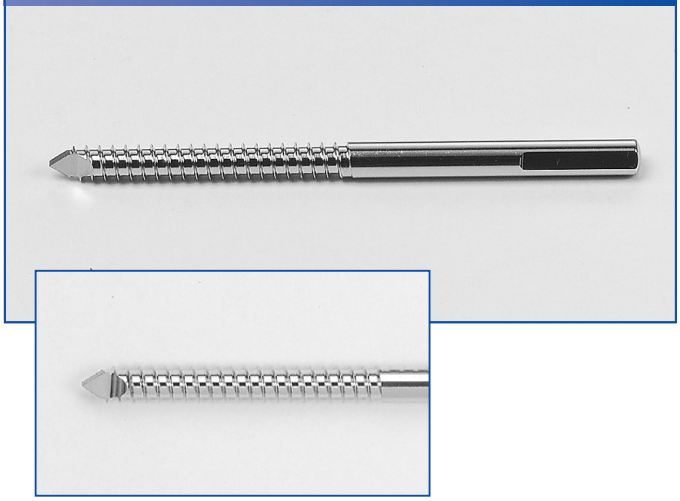


| | | | | | | |
|---|---|---|---|---|---|---|
| 180 | 7 | 4,0 | | | | **UT 1560-18** |
| 200 | 7 7/8 | 4,0 | | | | **UT 1560-20** |
| 150 | 6 | 4,5 | | | | **UT 1565-15** |
| 180 | 7 | 4,5 | | | | **UT 1565-18** |
| 200 | 7 7/8 | 4,5 | | | | **UT 1565-20** |
| 150 | 6 | 5,0 | | | | **UT 1570-15** |
| 180 | 7 | 5,0 | | | | **UT 1570-18** |
| 200 | 7 7/8 | 5,0 | | | | **UT 1570-20** |
| 250 | 9 7/8 | 5,0 | | | | **UT 1570-25** |

**Besonderheiten / *specification***

3kant-Schaft und Trokarspitze, mit Spitzendecker; Implantatwerkstoff: Nichtrostender Stahl nach DIN 17443 bzw. ISO 5832/1 (AISI 316 L) / *triangular shaft, trokar tip, includes protector; Stainless steel acc. to DIN 17443 bzw. ISO 5832/1 (AISI 316 L)*

## Schanz'sche Schraube
## *Schanz screw*



| | | | | | | |
|---|---|---|---|---|---|---|
| 90 | 3 1/2 | 4,0 | | | | **UT 1584-09** |
| 130 | 5 1/8 | 4,0 | | | | **UT 1584-13** |
| 150 | 6 | 4,0 | | | | **UT 1584-15** |
| 170 | 6 3/4 | 4,0 | | | | **UT 1584-17** |

**Besonderheiten / *specification***

3kant-Schaft und Flachschneide, Vorbohrer Ø 2,5 mm; Implantatwerkstoff: Nichtrostender Stahl nach DIN 17443 bzw. ISO 5832/1 (AISI 316 L) / *triangular shaft, blade-type tip, tap Ø 2.5 mm; stainless steel acc. to DIN 17443 or ISO 5832/1 (AISI 316 L)*

| | | | | | | |
|---|---|---|---|---|---|---|
| 80 | 3 1/8 | 5,0 | | | | **UT 1585-08** |
| 120 | 4 3/4 | 5,0 | | | | **UT 1585-12** |
| 150 | 6 | 5,0 | | | | **UT 1585-15** |
| 170 | 6 3/4 | 5,0 | | | | **UT 1585-17** |
| 200 | 7 7/8 | 5,0 | | | | **UT 1585-20** |
| 250 | 9 7/8 | 5,0 | | | | **UT 1585-25** |

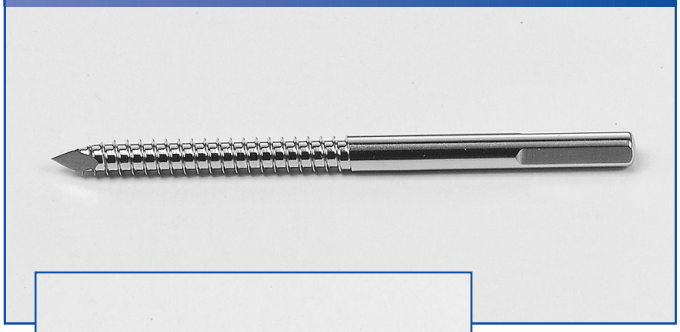
**Besonderheiten / *specification***

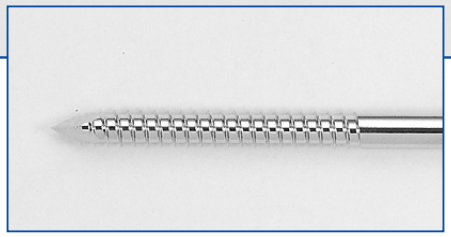
3kant-Schaft und Flachschneide, Vorbohrer Ø 3,5 mm; Implantatwerkstoff: Nichtrostender Stahl nach DIN 17443 bzw. ISO 5832/1 (AISI 316 L) / *triangular shaft, blade-type tip, tap Ø 3.5 mm; Stainless steel acc. to DIN 17443 bzw. ISO 5832/1 (AISI 316 L)*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Schanz'sche Schraube**
***Schanz screw***



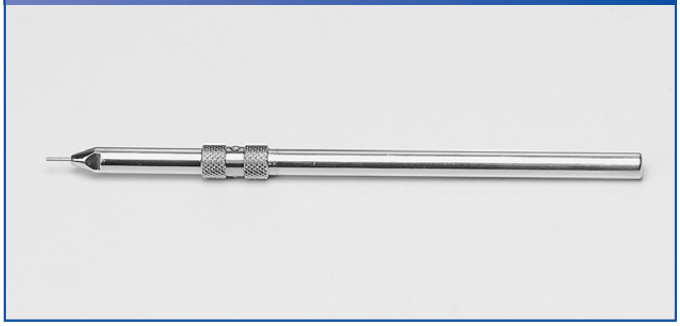


| | | | | | | |
|---|---|---|---|---|---|---|
| 80 | 3 1/8 | 5,0 | | | | **UT 1595-08** |
| 120 | 4 3/4 | 5,0 | | | | **UT 1595-12** |
| 150 | 6 | 5,0 | | | | **UT 1595-15** |
| 170 | 6 3/4 | 5,0 | | | | **UT 1595-17** |
| 200 | 7 7/8 | 5,0 | | | | **UT 1595-20** |
| 250 | 9 7/8 | 5,0 | | | | **UT 1595-25** |

**Besonderheiten / *specification***

3kant-Schaft und Trokarspitze, Vorbohrer Ø 3,5 mm; Implantatwerkstoff: Nichtrostender Stahl nach DIN 17443 bzw. ISO 5832/1 (AISI 316 L) / *triangular shaft, trokar tip, tap Ø 3,5 mm; stainless steel acc. to DIN 17443 bzw. ISO 5832/1 (AISI 316 L)*

**Bohrdrahteinschlaginstrument Kirschner**
***Impactor for wire Kirschner***



| | | | | | | |
|---|---|---|---|---|---|---|
| 170 | 6 3/4 | 8 | | | | **UT 1601-17** |

**Besonderheiten / *specification***

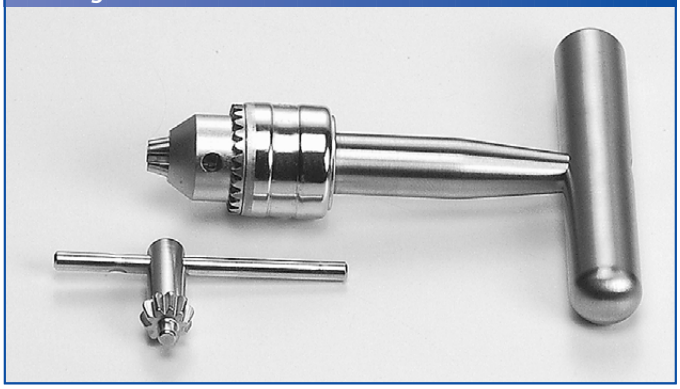
für Bohrdrähte bis max. Ø 1,3 mm / *for drill wires to max. Ø 1.3 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 340 | 13 3/8 | 12 | | | | **UT 1602-34** |

**Besonderheiten / *specification***

für Bohrdrähte bis max. Ø 2,5 mm / *for drill wires to max. Ø 2.5 mm*

**Handbohrgriff mit Dreibackenfutter**
***Drilling chuck***



| | | | | | | |
|---|---|---|---|---|---|---|
| 95 | 3 3/4 | | 90 | | | **UT 1610-12** |

**Schlüssel für Handbohrgriff / *Key for drilling chuck***

| | | | | | | |
|---|---|---|---|---|---|---|
| 55 | 2 1/4 | | 55 | | | **UT 1611-03** |

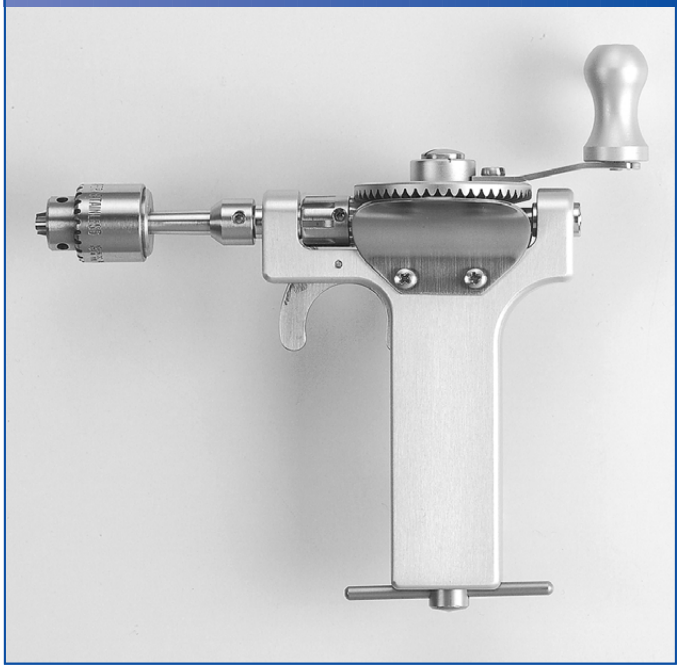
**Besonderheiten / *specification***

mit Spannschlüssel, längsdurchbohrt, max. Ø 5,5 mm (oder 3kant-Schaft SW 4,7) / *includes key, cannulated, max. Ø 5.5 mm (alternatively triangular shaft, key size 4.7)*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

## Handbohrapparat mit Dreibackenfutter Bunnell
## *Manual driller with Jacob's chuck Bunnell*



| | | | | | | |
|---|---|---|---|---|---|---|
| 155 | 6 1/8 | | | | 150 | **UT 1615-16** |

**Schlüssel für Handbohrapparat / *Key for manual driller***

| | | | | | | |
|---|---|---|---|---|---|---|
| 45 | 1 3/4 | | 55 | | | **UT 1616-05** |

**Besonderheiten / *specification***

mit Spannschlüssel, längsdurchbohrt, max. Ø 3,5 mm, Aluminiumgriff / *includes key, cannulated, Aluminium handle, max. Ø 3.5 mm*

## Pin cutter für Schanz'sche Schrauben
## *Pin cutter for Schanz screws*



| | | | | | | |
|---|---|---|---|---|---|---|
| 460 | 18 1/8 | | | | | **UT 1630-45** |

**Besonderheiten / *specification***

bis max. Ø 5,0 mm / *max. Ø 5.0 mm*

## Stabschneidezange
## *Rod cutter*



| | | | | | | |
|---|---|---|---|---|---|---|
| 470 | 18 1/2 | | | | | **UT 1635-47** |

**Besonderheiten / *specification***

bis max. Ø 6,3 mm / *max. Ø 6.3 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Fingerextensionsbügel**
***Finger extension frame***



| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 38 | 33 | | **UT 1650-04** |
| | | | 45 | 43 | | **UT 1651-05** |
| | | | 57 | 55 | | **UT 1652-06** |

**Besonderheiten / *specification***
für Bohrdrähte bis max. Ø 1,4 mm / *for drill wires to max. Ø 1.4 mm*

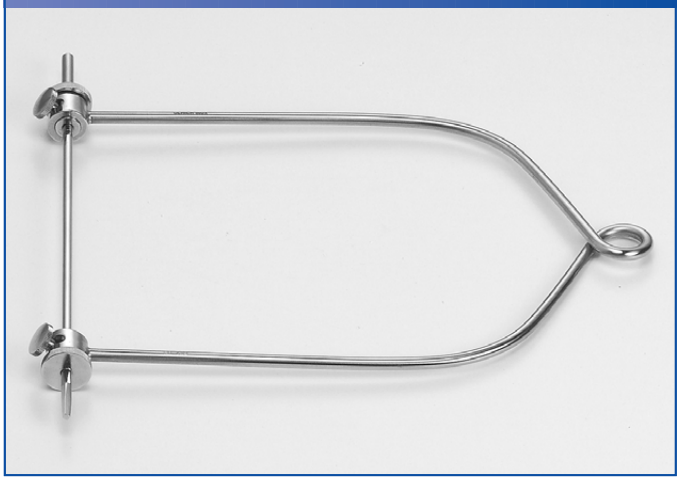
**Schraubenschlüssel für Fingerextensionsbügel**
***Key for finger extension frame***



| | | | | | | |
|---|---|---|---|---|---|---|
| 195 | 7 3/4 | | | | | **UT 1653-20** |

**Besonderheiten / *specification***
4kant / *square*

**Extensionsbügel** **Böhler**
***Extension frame*** ***Boehler***



| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 90 | 160 | | **UT 1655-16** |
| | | | 110 | 210 | | **UT 1655-21** |
| | | | 150 | 220 | | **UT 1655-22** |

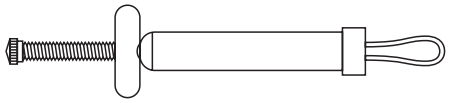
**Besonderheiten / *specification***
mit Steinmannnagel Ø 4,0 mm / *includes Steinmann pin Ø 4.0 mm*

**Feststellring mit Schraube** **Böhler/**
***Locking device with screw*** ***Boehler***

| | | | | | | |
|---|---|---|---|---|---|---|
| 18 | 5/8 | 10/19 | | | | **UT 1656-00** |

**Rändelschraube** **Böhler /**
***Knurled screw*** ***Boehler***

| | | | | | | |
|---|---|---|---|---|---|---|
| 8,5 | 1/4 | M 3,5 | | | | **UT 1657-00** |



**Extensionsbügel** **Kirschner**
***Extension frame*** ***Kirschner***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|
| | | | 95 | 70 | | **UT 1660-07-10** |

**Besonderheiten / *specification***
mit drei Zughaken, für Arm oder Ellenbogen, Bohrdrähte bis max. Ø 2,5 mm / *includes 3 traction hooks, for arm or ellbow, drill wires max. Ø 2.5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 105 | 100 | | **UT 1660-10-11** |

**Besonderheiten / *specification***
mit drei Zughaken, für Knie, Bohrdrähte bis max. Ø 2,5 mm / *includes 3 traction hooks, for knee, drill wires max. Ø 2.5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 95 | 110 | | **UT 1660-11-10** |

**Besonderheiten / *specification***
mit drei Zughaken, für Fersenbein, Bohrdrähte bis max. Ø 2,5 mm / *includes 3 traction hooks, for heel bone, drill wires max. Ø 2.5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 120 | 120 | | **UT 1660-12-12** |
| | | | 135 | 130 | | **UT 1660-13-14** |

**Besonderheiten / *specification***
mit drei Zughaken, für Knie, Bohrdrähte bis max. Ø 2,5 mm / *includes 3 traction hooks, for knee, drill wires max. Ø 2.5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 155 | 155 | | **UT 1660-13-14** |

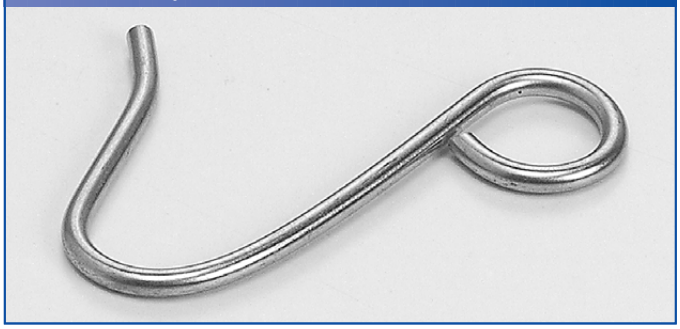
**Besonderheiten / *specification***
mit drei Zughaken, für Oberschenkel, Bohrdrähte bis max. Ø 2,5 mm / *includes 3 traction hooks, for thigh, drill wires max. Ø 2.5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 200 | 155 | | **UT 1660-16-20** |

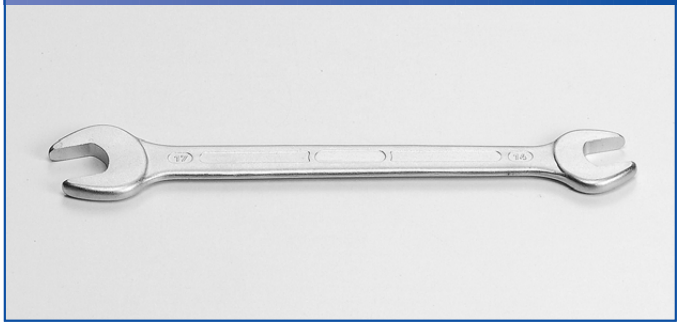
**Besonderheiten / *specification***
mit drei Zughaken, für Hüfte, Bohrdrähte bis max. Ø 2,5 mm / *includes 3 traction hooks, for hip, drill wires max. Ø 2.5 mm*



| | Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Zughaken, klein** **Kirschner** *Traction hook, small* *Kirschner* | 50 | 2 | | | | | **UT 1661-05** |
| **Zughaken, groß** / *Traction hook, large* | | | | | | | |
| | 70 | 2 3/4 | | | | | **UT 1661-07** |
| **Gabelschlüssel** **Kirschner** *Fork wrench* *Kirschner* | 205 | 8 | | | | | **UT 1662-21** |
| **Spannschlüssel mit Klemmbacke** **Kirschner** *Key for looking device* *Kirschner* | 170 | 6 3/4 | | 100 | | | **UT 1663-17** |
| **Fixierschlüssel für Spannschlüssel** **Kirschner** *Locker for key* *Kirschner* | 105 | 4 1/8 | | 30 | | 15 | **UT 1664-11** |



**Besonderheiten** / ***specification***
SW 14–17



**Besonderheiten** / ***specification***
zum Spannen des Drahtes / *to tighten wire*



**Besonderheiten** / ***specification***
zum Festhalten der Klemmschraube am Spannschlüssel /
*to hold the locking nut on the key*





| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

**Kopfextensionsbügel** **Crutchfield-Ulrich**
***Head extension frame*** ***Crutchfield-Ulrich***

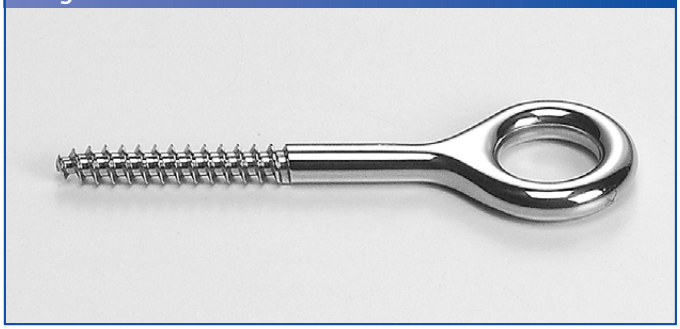


| | | | | | | |
|---|---|---|---|---|---|---|
| 200 | 7 7/8 | | | | | **UT 1670-20** |

**Besonderheiten / *specification***

Spreizbereich ca. 80–180 mm, inkl. 2 Schrauben CS 0306 und 4 Muttern M6 / *Expansion from appr. 80–180 mm, includes 2 screws CS 0306 and 4 hex nuts M6*

**Ringschraube** **Thomson**
***Ring screw*** ***Thomson***



| | | | | | | |
|---|---|---|---|---|---|---|
| 70 | 2 3/4 | 20 | | | | **UT 1681-06** |

**Besonderheiten / *specification***

Schaft Ø 4 mm, Länge 55 mm, Gewindelänge 30 mm / *shaft Ø 4 mm, length 55 mm, thread 30 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 95 | 3 3/4 | 30 | 1 x 2 | 90° | | **UT 1682-07** |

**Besonderheiten / *specification***

Schaft Ø 6 mm, Länge 65 mm, Gewindelänge 35 mm / *shaft Ø 6 mm, length 65 mm, thread 35 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 110 | 4 3/8 | 35 | | | | **UT 1683-08** |

**Besonderheiten / *specification***

Schaft Ø 8 mm, Länge 80 mm, Gewindelänge 45 mm / *shaft Ø 8 mm, length 80 mm, thread 45 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 120 | 4 3/4 | 40 | | | | **UT 1684-08** |

**Besonderheiten / *specification***

Schaft Ø 9,5 mm, Länge 80 mm, Gewindelänge 35 mm / *shaft Ø 9.5 mm, length 80 mm, thread 35 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 140 | 5 1/2 | 40 | | | | **UT 1684-10** |

**Besonderheiten / *specification***

Schaft Ø 9,5 mm, Länge 100 mm, Gewindelänge 53 mm / *shaft Ø 9.5 mm, length 100 mm, thread 53 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

**Arthrotract mit Federwaage**
***Arthrotract including scales***



| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | **UT 1701-00** |

**Besonderheiten / *specification***

max. zul. Arbeitsbereich 15 kg; Extensionsvorrichtung für Handarthroskopie / *maximum load 15 kg; extension device for hand arthroscopy*

**Federwaage allein für Arthrotract**
***Scalec for Arthrotract only***



| | | | | | | |
|---|---|---|---|---|---|---|
| 170 | 6 3/4 | 40 | | | | **UT 1701-17** |

**Arthrotract ohne Kraftanzeige**
***Arthrotract without indicator***



| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | **UT 1702-00** |

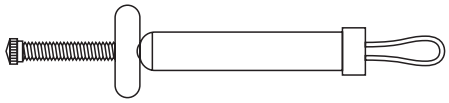
**Besonderheiten / *specification***

Extensionsvorrichtung für Handarthroskopie / *extension device for hand arthroscopy*

**Aufnahmeteil für Arthrotractbügel**
***Support for frame with chain for Arthrotract***



| | | | | | | |
|---|---|---|---|---|---|---|
| 83 | 3 1/8 | 40 | | | | **UT 1702-08** |



| | Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|
| **Haltestange, 2-teilig und Querstange für Arthrotract**<br>***2 component holder and transvers frame for Arthrotract*** | 965 | 38 | | 500 | | | **UT 1705-97** |



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Bügel mit Kettchen für Arthrotract**<br>***Frame with chain for Arthrotract*** | 125 | 5 | | 25 | | 28 | **UT 1706-13** |



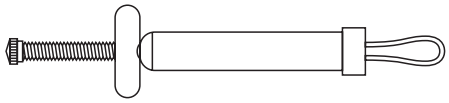
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Lagerungssieb für Arthrotract, mit Deckel**<br>***Tray for Arthrotract, included lid*** | | | | | | | **UT 1709-00** |
| **Lagerungssieb für Arthrotract, ohne Deckel /**<br>***Tray for Arthrotract, without lid*** | 540 | 21 1/4 | | 253 | | 64 | **UT 1709-01** |
| **Deckel für Lagerungssieb / *Lid only*** | 544 | 21 1/4 | | 257 | | 10 | **UT 1709-02** |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | Größe *size* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|
| **Drahtfingerextensionshülse** ***Finger extensor, wire*** | | | | | | | |
| 100 | 4 | | | | | C | **UT 1710-10** |
| **Besonderheiten / *specification*** max. Fingerdurchmesser ca. 15 mm / *maximum diameter of finger appr. 15 mm* | | | | | | | |
| 130 | 5 1/8 | | | | | B | **UT 1710-13** |
| **Besonderheiten / *specification*** max. Fingerdurchmesser ca. 20 mm / *maximum diameter of finger appr. 20 mm* | | | | | | | |
| 170 | 6 3/4 | | | | | A | **UT 1710-17** |
| **Besonderheiten / *specification*** max. Fingerdurchmesser ca. 25 mm / *maximum diameter of finger appr. 25 mm* | | | | | | | |
| **Bastfingerextensionshülse** ***Finger extensor, bast*** | | | | | | | **UT 1711-00** |
| **Besonderheiten / *specification*** Satz = 6 Größen / *1 Set = 6 sizes* | | | | | | | |
| 205 | 8 | 30 | | | | 1 | **UT 1711-21** |
| 195 | 7 3/4 | 30 | | | | 2 | **UT 1712-20** |
| 165 | 6 1/2 | 25 | | | | 3 | **UT 1713-17** |
| 160 | 6 1/4 | 23 | | | | 4 | **UT 1714-16** |
| 150 | 6 | 20 | | | | 5 | **UT 1715-15** |
| 140 | 5 1/2 | 18 | | | | 6 | **UT 1716-14** |







| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Ligaturdraht, weich** ***Ligature wire, malleable*** | | | | | | | |
| 10000 | 393 3/4 | 0,2 | | | | | **UT 1800-02** |
| 10000 | 393 3/4 | 0,3 | | | | | **UT 1800-03** |
| 10000 | 393 3/4 | 0,4 | | | | | **UT 1800-04** |
| 10000 | 393 3/4 | 0,5 | | | | | **UT 1800-05** |
| 10000 | 393 3/4 | 0,6 | | | | | **UT 1800-06** |
| 10000 | 393 3/4 | 0,7 | | | | | **UT 1800-07** |
| 10000 | 393 3/4 | 0,8 | | | | | **UT 1800-08** |
| 10000 | 393 3/4 | 0,9 | | | | | **UT 1800-09** |
| 10000 | 393 3/4 | 1,0 | | | | | **UT 1800-10** |
| 10000 | 393 3/4 | 1,2 | | | | | **UT 1800-12** |
| 10000 | 393 3/4 | 1,5 | | | | | **UT 1800-15** |
| 10000 | 393 3/4 | 1,8 | | | | | **UT 1800-18** |



**Besonderheiten / *specification***

Implantatwerkstoff: Nichtrostender Stahl nach DIN 17443 bzw. ISO 5832/1 grade B (AISI 316 LVM) / *stainless stell acc. to DIN 17443 or ISO 5832/1 grade B (AISI 316 LVM)*

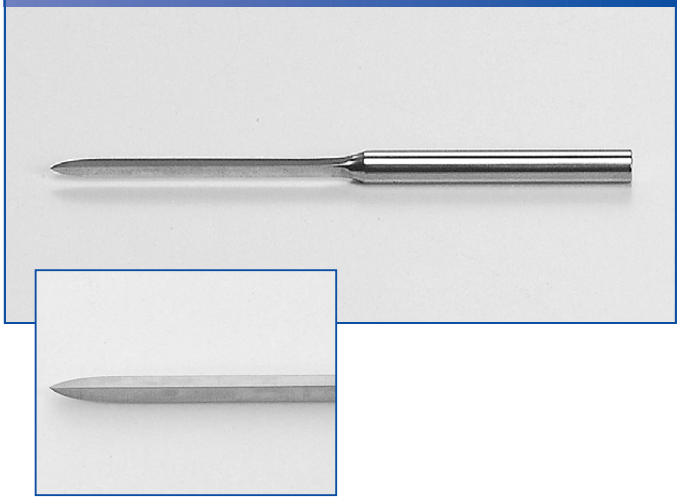
**Ligaturdraht, weich, Titan / *ligature wire, malleable, Titanium***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5000 | 196 7/8 | 0,8 | | | | | **UT 1810-08** |
| 5000 | 196 7/8 | 1,0 | | | | | **UT 1810-10** |
| 5000 | 196 7/8 | 1,2 | | | | | **UT 1810-12** |
| 5000 | 196 7/8 | 1,5 | | | | | **UT 1810-15** |

**Besonderheiten / *specification***

Implantatwerkstoff: Reintitan nach ISO 5832-2 (ASTM F 67-95) / *Titanium acc. to ISO 5832-2 (ASTM F 67-95)*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Reibahle** ***Awl*** | | | | | | | |
| 105 | 4 1/8 | 2,5 | 55 | | | | **UT 1820-25** |
| 105 | 4 1/8 | 3,0 | 55 | | | | **UT 1820-30** |
| 105 | 4 1/8 | 3,5 | 55 | | | | **UT 1820-35** |
| 105 | 4 1/8 | 4,0 | 55 | | | | **UT 1820-40** |



**Besonderheiten / *specification***

3kant-Schaft, Griff Ø 6,0 mm / *triangular shaft, handle Ø 6.0 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|

**Reibahle mit Kunststoffgriff**
***Awl with plastic handle***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 150 | 6 | 2,0 | 50 | | | | **UT 1825-20** |
| 155 | 6 1/8 | 2,5 | 55 | | | | **UT 1825-25** |
| 165 | 6 1/2 | 3,0 | 65 | | | | **UT 1825-30** |
| 165 | 6 1/2 | 3,5 | 65 | | | | **UT 1825-35** |
| 165 | 6 1/2 | 4,0 | 65 | | | | **UT 1825-40** |

**Besonderheiten / *specification***
3kant-Schaft / *triangular shaft*

**Reibahle mit Hohlkehlen**
***Awl, grooved***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 150 | 6 | 2,5/3,5 | 70 | | | | **UT 1830-15** |

**Besonderheiten / *specification***
4kant-Schaft, mit Hohlkehlen / *square shaft, with two grooves*

**Reibahle mit Aluminiumgriff**
***Awl with Aluminium handle***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 180 | 7 | 2,5 / 7 | 120 | | | | **UT 1835-18** |

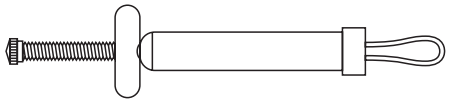
**Besonderheiten / *specification***
4kant-Schaft, mit Hohlkehle / *square shaft, with groove*

**Reibahle mit Aluminiumgriff Perthes**
***Awl with Aluminium handle Perthes***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 215 | 8 1/2 | 3 / 7 | 150 | | | | **UT 1840-22** |

**Besonderheiten / *specification***
4kant-Schaft, mit Hohlkehlen / *square shaft, with two grooves*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|

**Reibahle mit T-Griff** — **Perthes**
***T-handed awl*** — ***Perthes***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 220 | 8 3/4 | 3 / 8 | 115 | | | | **UT 1850-23** |

**Besonderheiten / *specification***
4kant-Schaft, mit Hohlkehlen / *square shaft, with two grooves*

**Reibahle** — **Perthes**
***Awl*** — ***Perthes***



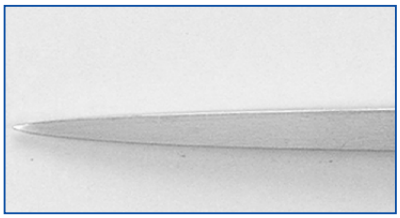
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 205 | 8 | 2,5/4,5 | 100 | | | | **UT 1855-21** |

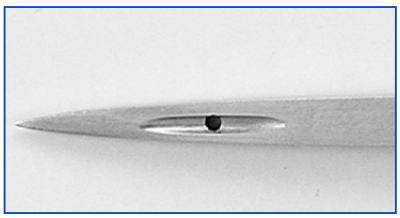
**Besonderheiten / *specification***
4kant-Schaft / *square shaft*

**Reibahle** — **Universität Ulm**
***Awl*** — ***university of Ulm***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 205 | 8 | 2,5/4,5 | 100 | | | | **UT 1856-21** |

**Besonderheiten / *specification***
4kant-Schaft, mit Querbohrung Ø 1,0 mm / *square shaft, with transverse hole, Ø 1.0 mm*





Detailabbildungen / *details*
Maßstab / *scale* 1:1

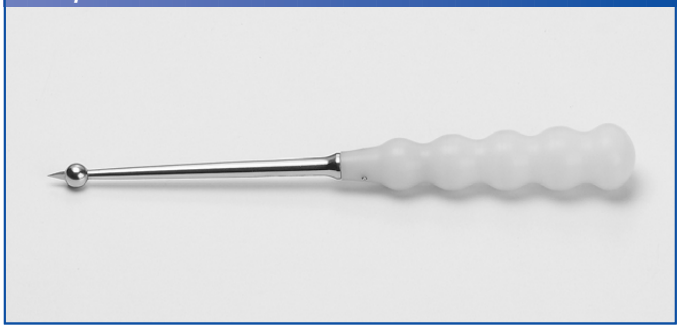
UT 1855-21

UT 1856-21



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

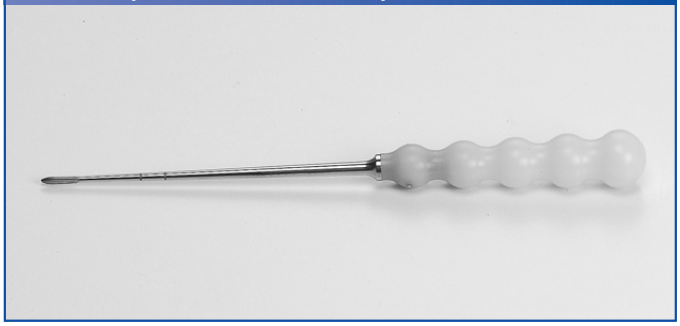
**Kugelpfriem**
***Ball-pointed* awl**



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 240 | 9 1/2 | 3 | 120 | | | | **UT 1860-25** |

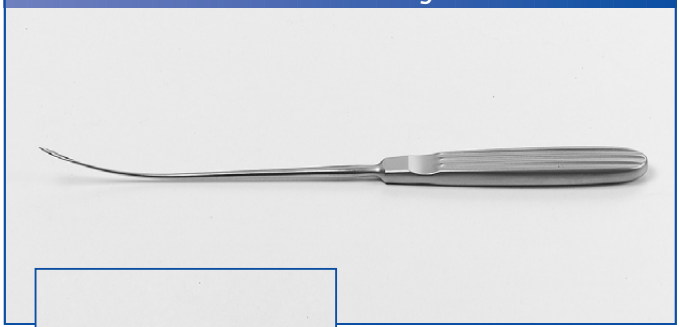
**Besonderheiten / *specification***
4kant-Spitze, Kugel Ø 10 mm / *square tip, ball Ø 10 mm*

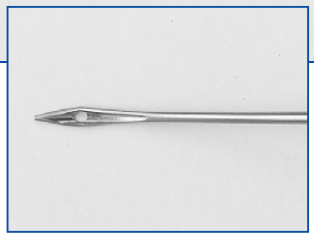
**Reibahle mit Kunststoffgriff** **Cape Town**
***Awl with plastic handle*** ***Cape Town***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 245 | 9 5/8 | 3,1 | 140 | | | | **UT 1865-25** |

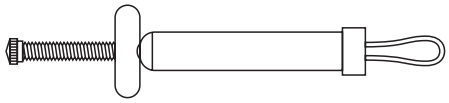
**Jochbogenahle** **Obwegeser**
***Awl for cheek bone*** ***Obwegeser***





| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 230 | 9 | 2,0 | | | | | **UT 1870-23** |

**Besonderheiten / *specification***
mit Querbohrung / *with cross hole*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|

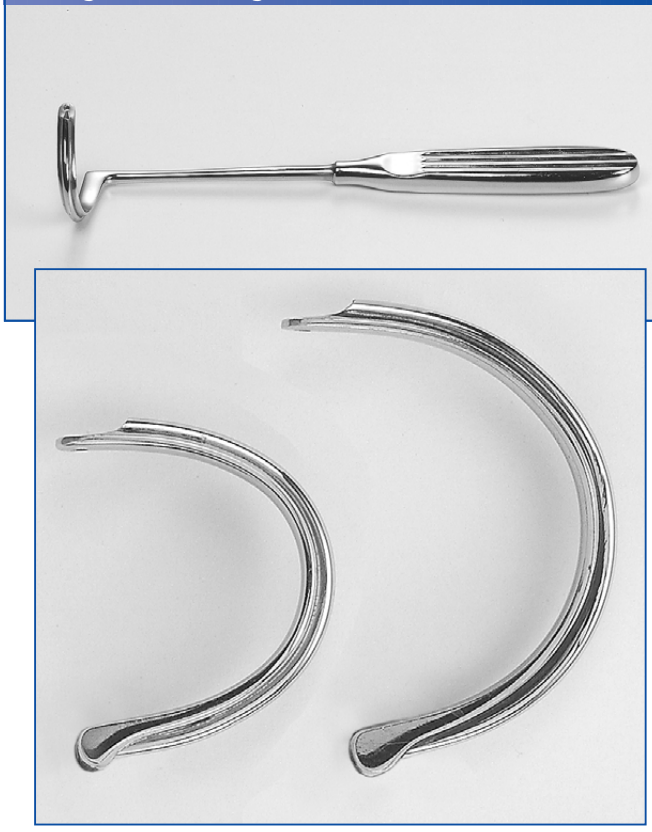
**Drahtumführungskanüle** **Secerov**
***Wire cannula for cerclage*** ***Secerov***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 165 | 6 1/2 | | | 35 | | | **UT 1890-17** |

**Besonderheiten / *specification***
Ø innen 2,0 mm / *inner Ø 2.0 mm*

**Drahtumführungsinstrument**
***Wire guide for cerclage***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 220 | 8 3/4 | | | 45 | 40 | | **UT 1895-22** |

**Besonderheiten / *specification***
klein, links gebogen, Ø innen 2,3 mm / *small, curved to left, inner Ø 2.3 mm*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 245 | 9 5/8 | | | 60 | 45 | | **UT 1895-25** |

**Besonderheiten / *specification***
gross, links gebogen, Ø innen 2,3 mm / *large, curved to left, inner Ø 2.3 mm*

**ohne Abbildung / *no picture shown***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 220 | 8 3/4 | | | 45 | 40 | | **UT 1896-22** |

**Besonderheiten / *specification***
klein, rechts gebogen, Ø innen 2,3 mm / *small, curved to right, inner Ø 2.3 mm*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 245 | 9 5/8 | | | 60 | 45 | | **UT 1896-25** |

**Besonderheiten / *specification***
gross, rechts gebogen, Ø innen 2,3 mm / *large, curved to right, inner Ø 2.3 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| 255 | 10 | | | | 30 | | **UT 1900-26** |

**Drahtumführungsinstrument**
***Wire guide for cerclage***



**Besonderheiten / *specification***

klein, in Längsrichtung gebogen, Ø innen 2,0 mm / *small, curved lengthwise, inner Ø 2.0 mm*

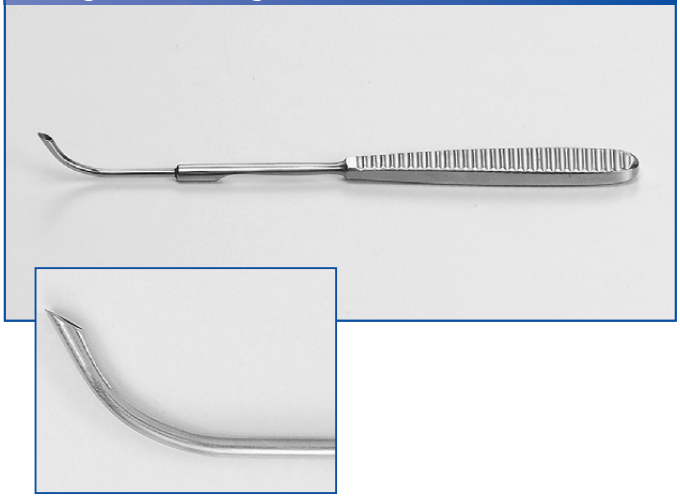
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 280 | 11 | | | | 35 | | **UT 1901-28** |

**Besonderheiten / *specification***

gross, in Längsrichtung gebogen, Ø innen 2,3 mm / *small, curved lengthwise, inner Ø 2.3 mm*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 205 | 8 | | | | 20 | | **UT 1911-21** |

**Drahtumführungsinstrument Hackstock**
***Wire guide for cerclage Hackstock***

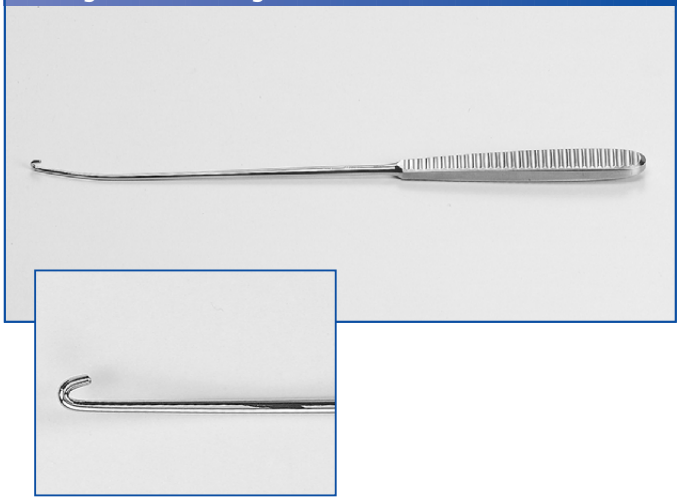


**Besonderheiten / *specification***

Ø innen 2,0 mm / *inner Ø 2.0 mm*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 245 | 9 5/8 | 2,0 | 145 | | 5 | | **UT 1915-25** |

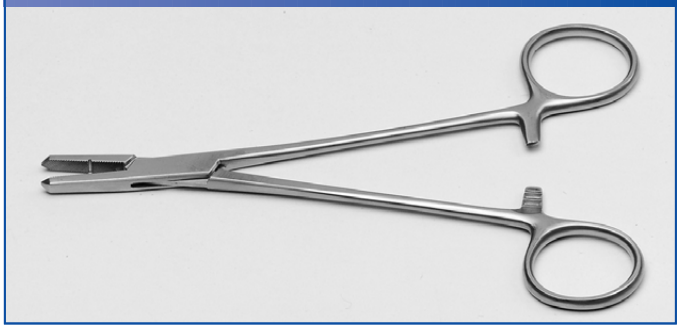
**Drahtumführungsinstrument Götze**
***Wire guide for cerclage Goetze***





| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Drahtextraktionszange** **Ulrich**
***Wire extraction instrument*** ***Ulrich***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | | | | **UT 1930-17** |

**Besonderheiten / *specification***
Maul kreuzgerieft, ein Maulteil mit Querrille / *checked jaws, one jaw with transversal groove*

**Drahtextraktionszange** **Hackstock**
***Wire extraction instrument*** ***Hackstock***

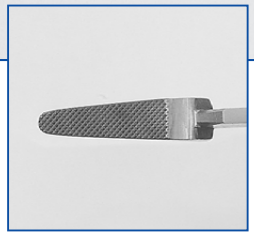


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 160 | 6 1/4 | | | | | | **UT 1935-16** |

**Besonderheiten / *specification***
Maul kreuzgerieft, mit Längsrille / *checked jaws, one jaw with longitudinal groove*

**Drahtfasszange, Hartmetall**
***Wire grasper, T.C.***





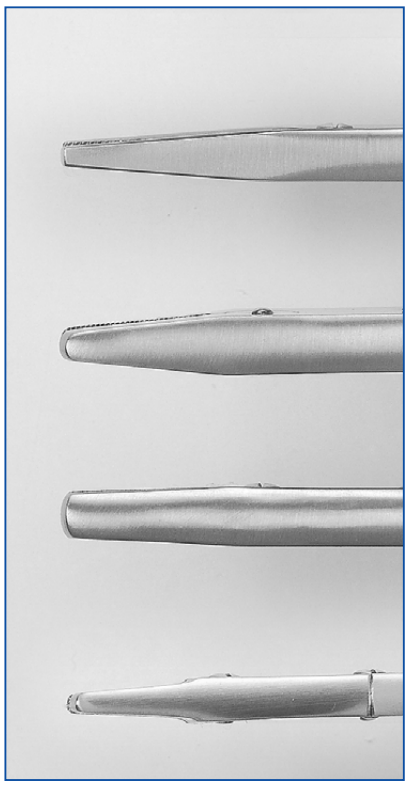
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | | | | **UT 1940-17** |

**Besonderheiten / *specification***
mit seitlichen Backen gegen Abrutschen des Drahtes / *with lateral jaws to prevent wire from stripping*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|
| **Rundzange, doppelt übersetzt / *Round pliers, double action*** | | | | | | | |
| 180 | 7 | | | | | 2,5 | **UT 1945-18** |
| **Besonderheiten / *specification*** | | | | | | | |
| Maul kreuzgerieft / *Checkered jaws* | | | | | | | |
| **Drahtextraktionszange, doppelt übersetzt / *Wire extraction pliers, double action*** | | | | | | | |
| 180 | 7 | | | | | 3,0 | **UT 1946-18** |
| 180 | 7 | | | | | 6,5 | **UT 1947-18** |
| 145 | 5 3/4 | | | | | 2,0 | **UT 1948-15** |
| **Besonderheiten / *specification*** | | | | | | | |
| Maul kreuzgerieft / *Checkered jaws* | | | | | | | |





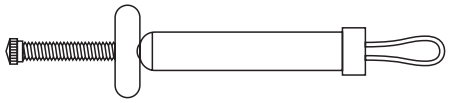
Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 1945-18

UT 1946-18

UT 1947-18

UT 1948-15



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|

**Flachzange**
***Pliers***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 190 | 7 1/2 | | | | | 2,0 | **UT 1950-19** |

**Besonderheiten / *specification***
Maul quergerieft / *cross-striped jaws*

**Flachzange**
***Pliers***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | | | 5,0 | **UT 1955-17** |

**Besonderheiten / *specification***
Maul kreuzgerieft / *checkered jaws*

**Flachzange / *Pliers***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | | | 5,0 | **UT 1956-17** |

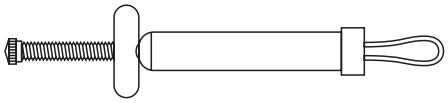
**Besonderheiten / *specification***
Maul kreuzgerieft mit Längs- und Querrille / *checkered jaws, with longitudinal and transversal grooves*



Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 1955-17

UT 1956-17



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Parallelflachzange**
***Pliers, parallel action***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 185 | 7 1/4 | | | | | | **UT 1965-19** |

**Besonderheiten / *specification***

quergerieft, 1 Maulteil mit Längsrille / *cross-striped jaws, 1 jaw with longitudinal groove*

**Drahtspanner**
***Wire tightener***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 185 | 7 1/4 | | | | | 4,5 | **UT 1970-19** |

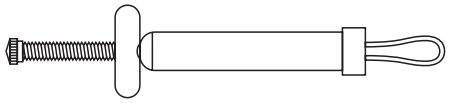
**Jet Twister**
***Jet Twister***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | | | | | 8 | **UT 1975-25** |

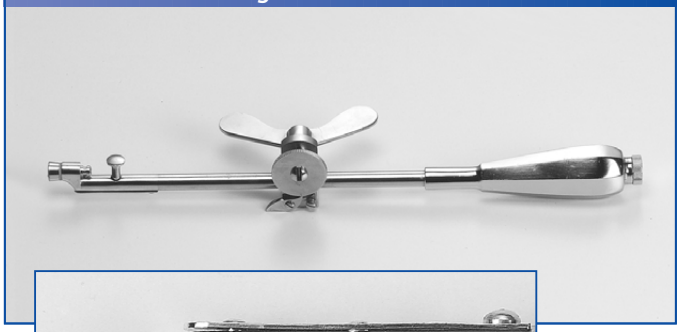
**Besonderheiten / *specification***

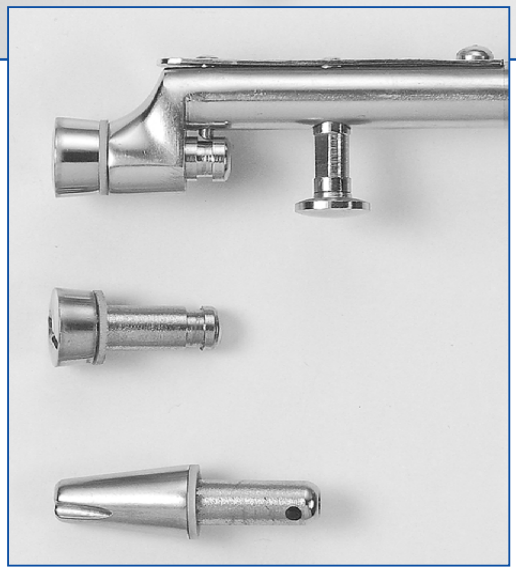
Maul quergerieft, mit Schneide / *cross-striped jaws, with cutting edge*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Drahtspann- und Torsionsinstrument** — **Thomson**
***Wire twistener and tightener*** — ***Thomson***





| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 320 | 12 5/8 | | | | | | **UT 1980-32** |

**Besonderheiten / *specification***

2 Einsätze für Drähte bis Ø 0,7 / 1,0 mm, 1 Einsatz zum Umknicken der Drahtenden / *2 inserts for wire up to Ø 0.7/1.0 mm, one insert for bending ends of wire*

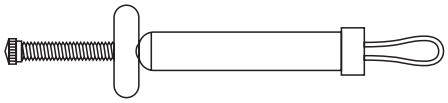
**Drahtspanner** — **Götze**
***Wire tightener*** — ***Goetze***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 240 | 9 1/2 | | | 90 | | | **UT 1985-24** |

**Besonderheiten / *specification***

für Drähte bis Ø 1,4 mm / *for wire to Ø 1.4 mm*



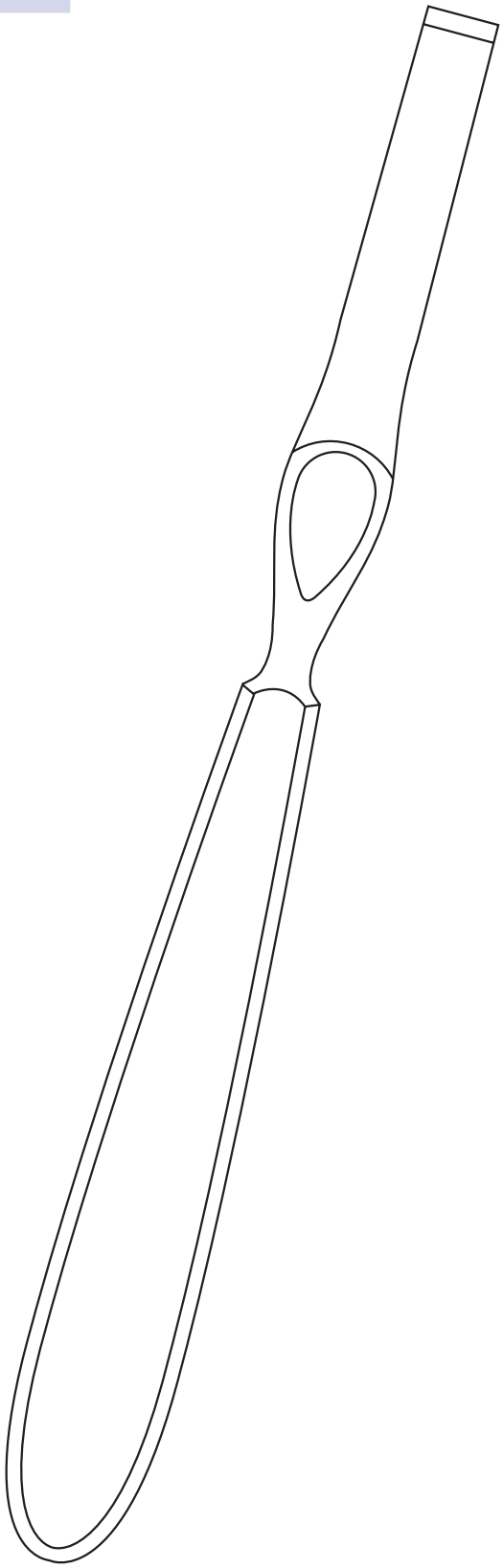
| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Schaftlänge in mm *lenght of shaft in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Drahtschneidezange, doppelt übersetzt, Hartmetall** ***Wire cutter, double action, T.C:*** | | | | | | | |
| 235 | 9 1/4 | | | | | | **UT 1990-24** |



**Besonderheiten / *specification***

für weichen Draht bis Ø 3,0 mm, für harten Draht bis Ø 2,2 mm / *for malleable wire up to Ø 3.0 mm, for standard wire up to Ø 2.2 mm*

# 2




Meßinstrumente, Diagnostik
Tourniquet, Extension
Cerclagedrähte und -instrumente
*Measuring and diagnostic devices*
*tourniquet, extension*
*wire and instruments for cerclage*

**Dissektoren, Elevatorien**
**Raspatorien, Knochenhebel**
**Knochenfasszangen**
***Dissectors, elevators***
***raspatories, bone levers***
***bone holding forceps***

Meißel, Stößel
Hämmer, Gipsinstrumente
*Chisels / osteotomes, tampers*
*mallets, plaster instruments*

Knochensplitterzangen, Hohlmeißel-
zangen, Rongeure, Knochenstanzen
Knochenfräsen, Biopsiekanülen
*Bone cutting forceps, bone rongeurs,*
*rongeurs, punches, cutters*
*biopsy cannulas*

Küretten, scharfe Löffel
Knochenfeilen
*Curettes, spoon curettes*
*bone files*

Kopfchirurgie
Schulterchirurgie
*Cranial surgery*
*Shoulder surgery*

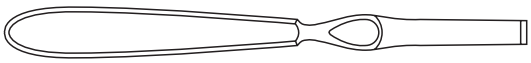
Hand- und Fußchirurgie
*Hand and foot surgery*

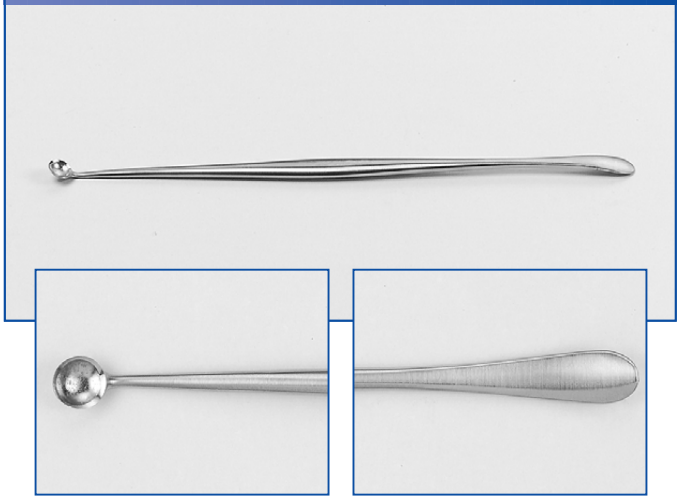
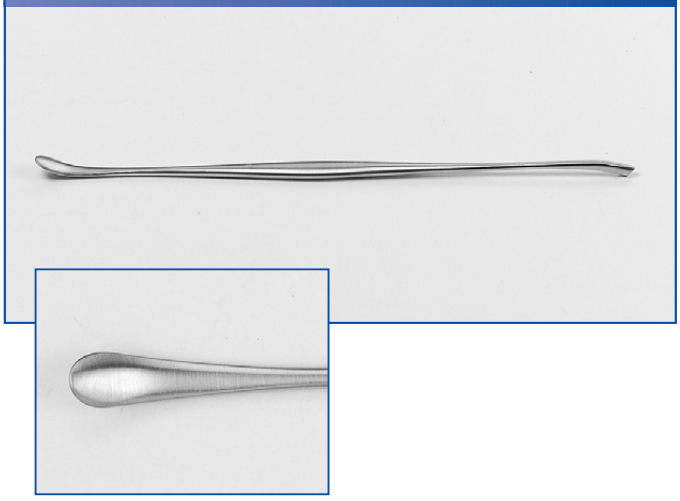
Becken-, Extremitäten- und
Kniechirurgie
*Pelvis, extremities and*
*knee surgery*

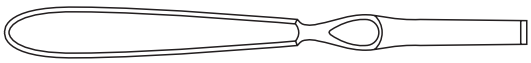
Plastische Chirurgie
*Plastic surgery*

Stichwortverzeichnis
*Index*

# Dissektoren
*Dissectors*

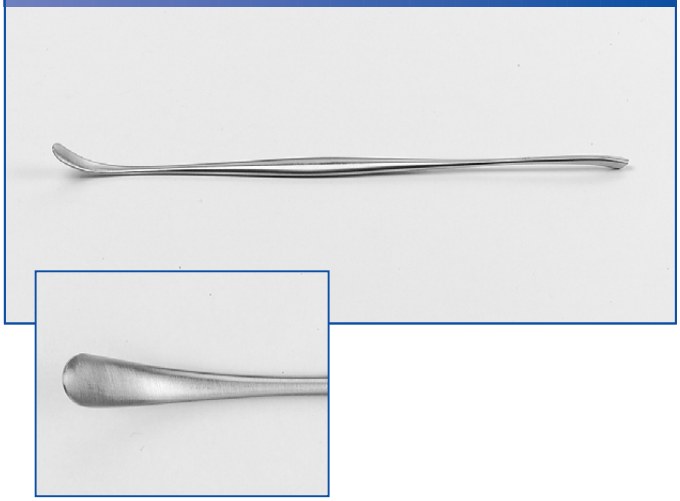


| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| **Dissektor *Dissector* Yasargil *Yasargil***<br>  | | | | | |
| 195 | 7 3/4 | | • | 4 | **UT 2004-20** |
| 195 | 7 3/4 | | • | 7 | **UT 2007-20** |
| **Besonderheiten / *specification***<br>stumpf, flexibler Schaft / *blunt, flexible shaft* | | | | | |
| **Dissektor *Dissector* Penfield *Penfield***<br>  | | | | | |
| 175 | 7 | | • | 7 | **UT 2011-18** |
| **Besonderheiten / *specification***<br>scharf, doppelendig, ein Arbeitsende als Löffel / *sharp, two working tips, one spoon tip* | | | | | |
| **Dissektor *Dissector* Penfield *Penfield***<br>  | | | | | |
| 195 | 7 3/4 | | • | 7 | **UT 2012-20** |
| **Besonderheiten / *specification***<br>scharf, doppelendig, ein Arbeitsende als Stößel / *sharp, two working tips, one tamper tip* | | | | | |



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

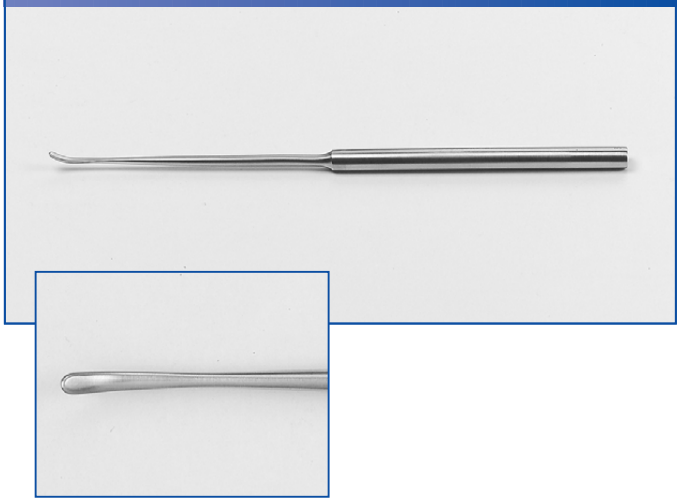
**Dissektor Penfield**
***Dissector Penfield***



| | | | | | |
|---|---|---|---|---|---|
| 195 | 7 3/4 | | • | 8 | **UT 2013-20** |

**Besonderheiten / *specification***
scharf, doppelendig, ein Arbeitsende als Stößel /
*sharp, two working tips, one tamper tip*

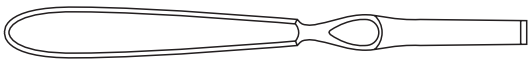
**Dissektor Penfield**
***Dissector Penfield***



| | | | | | |
|---|---|---|---|---|---|
| 205 | 8 | | • | 3 | **UT 2014-21** |

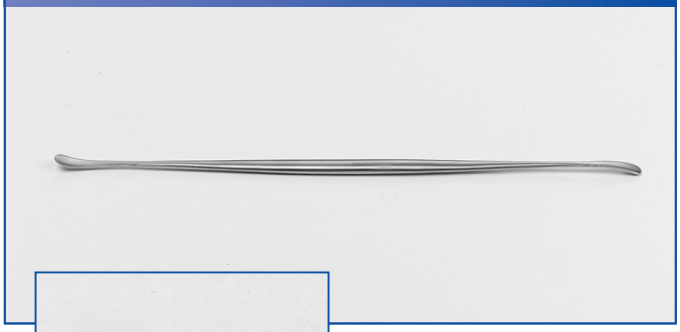
**Besonderheiten / *specification***
stumpf, einendig / *blunt, one working tip*

# Dissektoren
*Dissectors*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 290 | 11 1/2 | | • | 8 / 9 | **UT 2015-29** |

**Dissektor Penfield**
***Dissector Penfield***

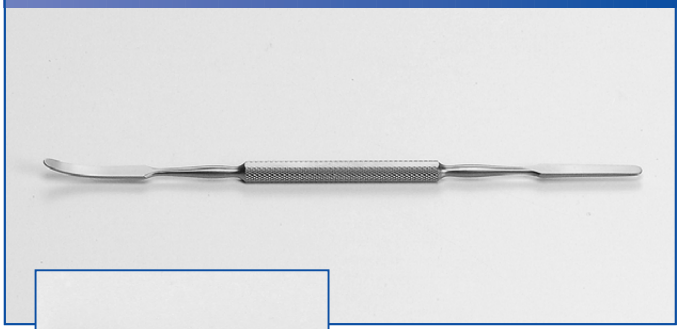


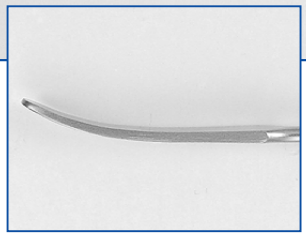


**Besonderheiten / *specification***
stumpf, doppelendig / *blunt, two working tips*

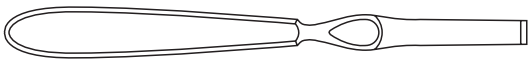
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 185 | 7 1/4 | • | • | 4,5 | **UT 2020-19** |

**Dissektor Mac Donald**
***Dissector Mac Donald***

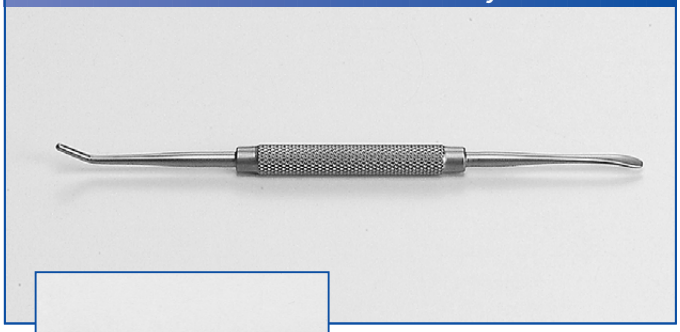




**Besonderheiten / *specification***
stumpf, doppelendig / *blunt, two working tips*



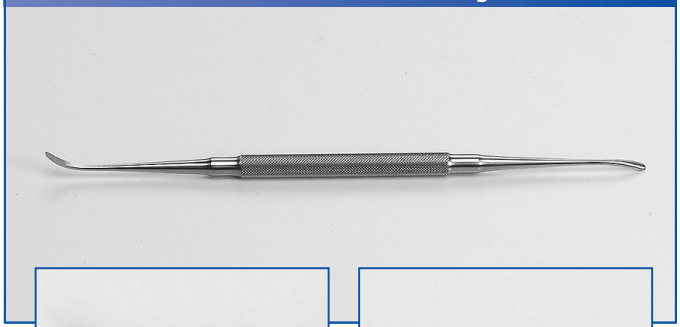
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| **Dissektor *Dissector*** **Watson-Cheyne *Watson-Cheyne*** | | | | | |
| 130 | 5 1/8 | | • | Ø 2 / 3 | **UT 2025-13** |
| 190 | 7 1/2 | | • | Ø 2 / 3,2 | **UT 2026-19** |

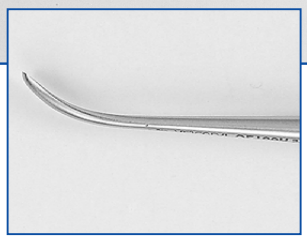




**Besonderheiten / *specification***
stumpf, doppelendig, ein Ende gewinkelt /
*blunt, two working tips, one tip angled*

| | | | | | |
|---|---|---|---|---|---|
| **Dissektor *Dissector*** **Freer-Yasargil *Freer-Yasargil*** | | | | | |
| 185 | 7 1/4 | | • | 2,8 | **UT 2030-19** |

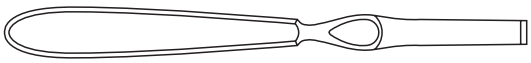






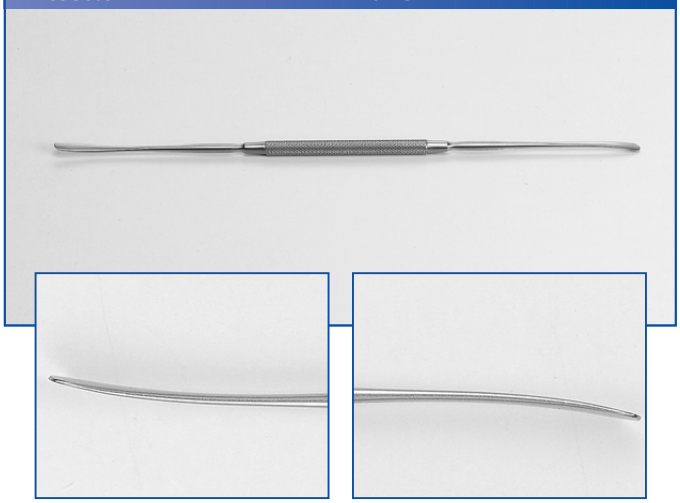
**Besonderheiten / *specification***
scharf, doppelendig / *sharp, two working tips*

# Dissektoren
*Dissectors*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 245 | 9 5/8 | | • | 4 / 5 | **UT 2035-25** |

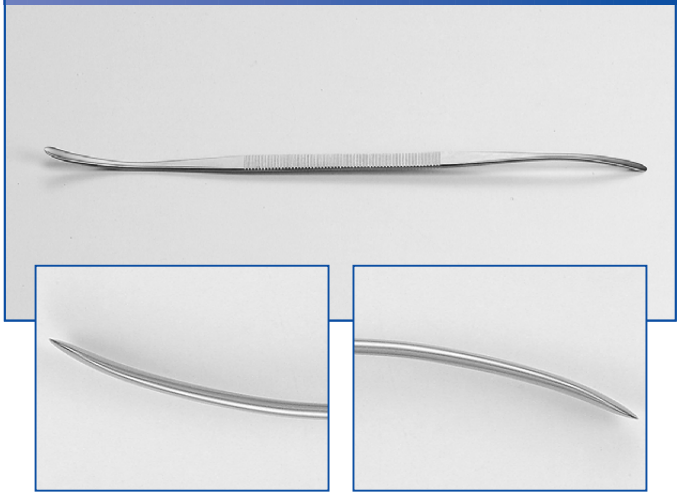
**Dissektor Davis**
***Dissector Davis***



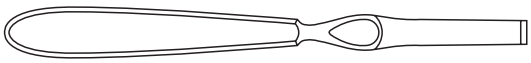
**Besonderheiten / *specification***
stumpf, doppelendig / *blunt, two working tips*

| | | | | | |
|---|---|---|---|---|---|
| 165 | 6 1/2 | | • | 3 / 4 | **UT 2040-17** |
| 240 | 9 1/2 | | • | 3 / 4 | **UT 2041-24** |
| 240 | 9 1/2 | | • | 4,5 / 5,5 | **UT 2042-24** |

**Dissektor Tönnis**
***Dissector Toennis***

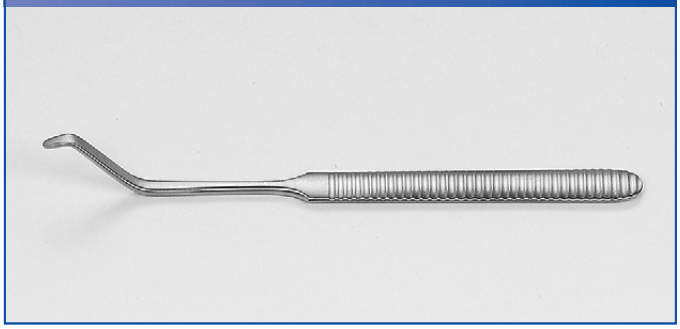


**Besonderheiten / *specification***
stumpf, doppelendig / *blunt, two working tips*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite Arbeitsende/mm *working width/mm* | Tiefe in mm *depth in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

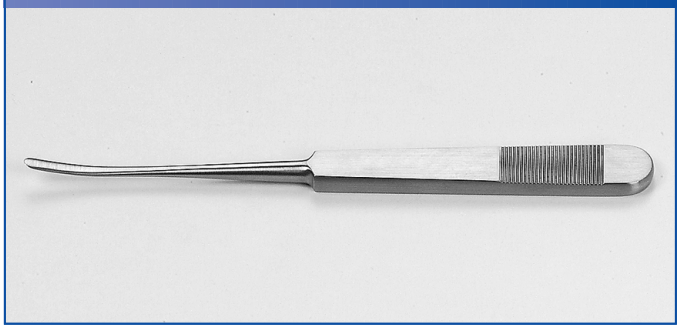
**Elevator**



| | | | | |
|---|---|---|---|---|
| 155 | 6 1/8 | 5,5 | 15 | **UT 2101-16** |

**Besonderheiten / *specification***
bajonettförmig / *bayonette type*

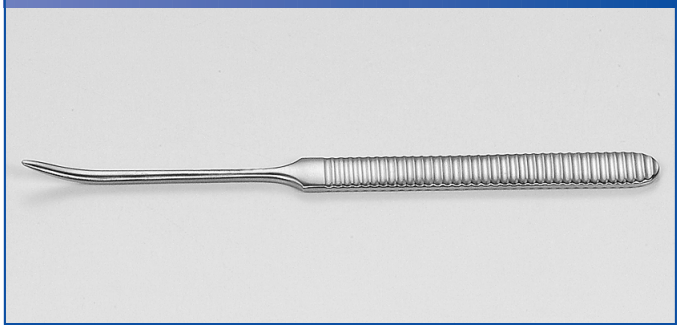
**Elevator** **St. Clair-Thompson**



| | | | | |
|---|---|---|---|---|
| 160 | 6 1/4 | 4 | | **UT 2106-16** |

**Besonderheiten / *specification***
stumpf / *blunt*

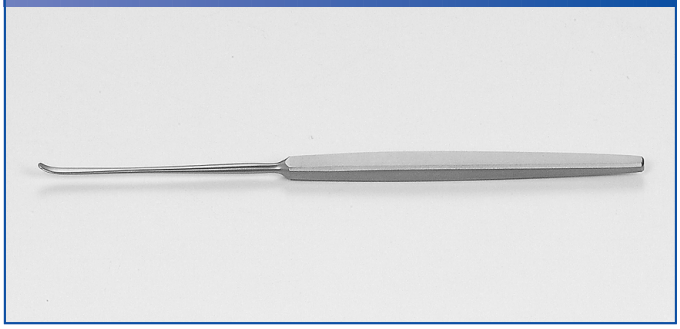
**Elevator** **Williger**



| | | | | |
|---|---|---|---|---|
| 165 | 6 1/2 | 5 | | **UT 2111-17** |
| 170 | 6 3/4 | 5,5 | | **UT 2112-17** |

**Besonderheiten / *specification***
stumpf / *blunt*

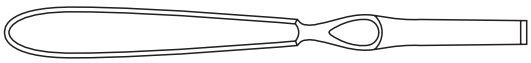
**Elevator** **Halle**



| | | | | |
|---|---|---|---|---|
| 180 | 7 | 3,3 | | **UT 2121-18** |

**Besonderheiten / *specification***
stumpf / *blunt*

# Elevatorien
*Elevators*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite Arbeitsende/mm *working width/mm* | Tiefe in mm *depth in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

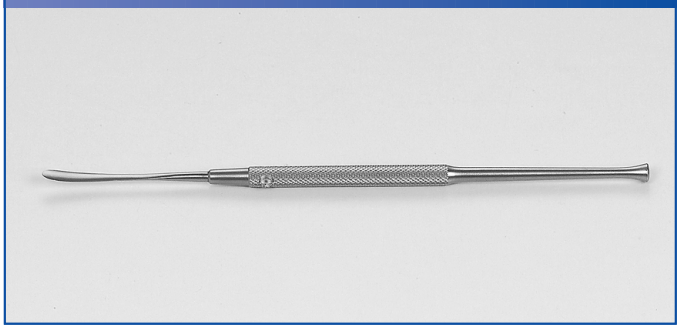
**Elevator** **Sewall**



| | | | | |
|---|---|---|---|---|
| 200 | 7 7/8 | 5,9 | | **UT 2126-20** |

**Besonderheiten / *specification***
stumpf / *blunt*

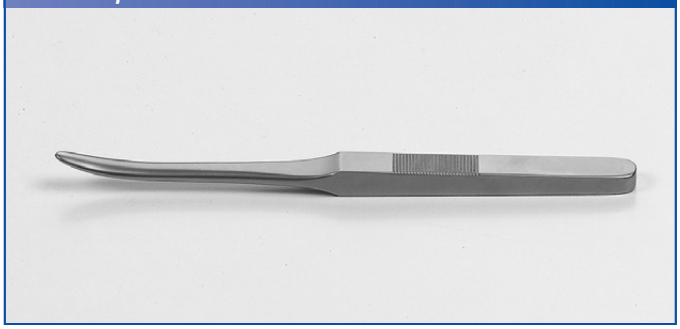
**Elevator** **Freer**



| | | | | |
|---|---|---|---|---|
| 190 | 7 1/2 | 4 | | **UT 2131-19** |

**Besonderheiten / *specification***
stumpf, doppelendig, ein Arbeitsende als Stößel / *blunt, two working tips, one tamper tip*

**Knochendeckelelevatorium** **Cairns**
***Bone flap elevator*** ***Cairns***



| | | | | |
|---|---|---|---|---|
| 175 | 7 | 9 | | **UT 2136-18** |

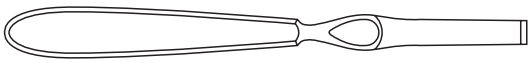
**Besonderheiten / *specification***
stumpf / *blunt*

**Elevator** **Sebileau**



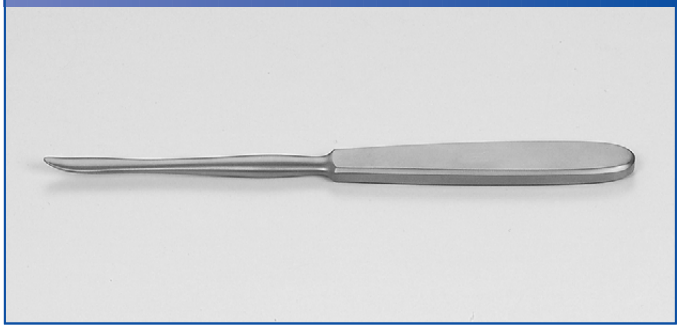
| | | | | |
|---|---|---|---|---|
| 175 | 7 | 5 | | **UT 2141-18** |

**Besonderheiten / *specification***
stumpf / *blunt*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite Arbeitsende/mm *working width/mm* | Tiefe in mm *depth in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|

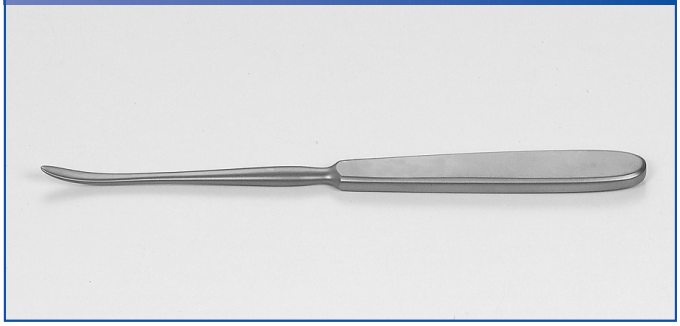
**Elevator Langenbeck**



| | | | | |
|---|---|---|---|---|
| 195 | 7 3/4 | 8 | | **UT 2148-20** |
| 195 | 7 3/4 | 10 | | **UT 2150-20** |

**Besonderheiten / *specification***
stumpf / *blunt*

**Elevator Quervain**



| | | | | |
|---|---|---|---|---|
| 195 | 7 3/4 | 6 | | **UT 2156-20** |

**Besonderheiten / *specification***
stumpf / *blunt*

**Elevator Langenbeck**



| | | | | |
|---|---|---|---|---|
| 230 | 9 | 11 | | **UT 2161-23** |

**Besonderheiten / *specification***
stumpf / *blunt*

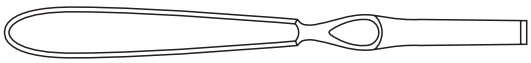
**Elevator Wagner**



| | | | | |
|---|---|---|---|---|
| 330 | 13 | 9 | 17 | **UT 2171-33** |

**Besonderheiten / *specification***
stumpf, Griff aus Schichtpreßstoff /
*blunt, handle moulded laminated material*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 150 | 6 | • | | 4,5 | **UT 2300-15** |

**Raspatorium** **Streli**
***Raspatory*** ***Streli***



**Besonderheiten / *specification***
scharf / *sharp*

| | | | | | |
|---|---|---|---|---|---|
| 150 | 6 | | • | 4,5 | **UT 2301-15** |

**Besonderheiten / *specification***
scharf, leicht gebogen / *sharp, slightly curved*

| | | | | | |
|---|---|---|---|---|---|
| 150 | 6 | | • | 4,5 | **UT 2302-15** |

**Besonderheiten / *specification***
scharf, stark gebogen / *sharp, extra curved*



Detailabbildungen / *details*
Maßstab / *scale* 1:1

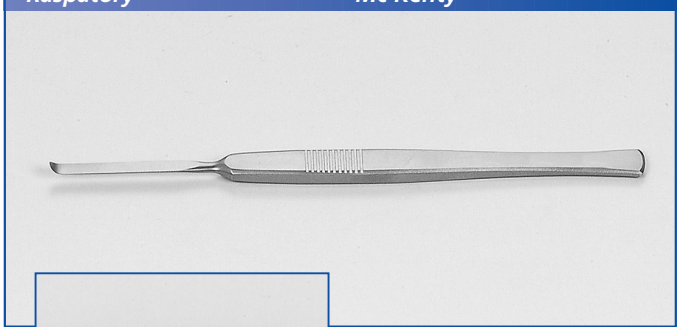
UT 2300-15

UT 2301-15

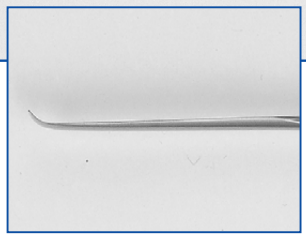
UT 2302-15

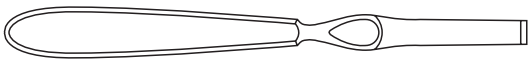
| | | | | | |
|---|---|---|---|---|---|
| 155 | 6 1/8 | | • | 4,4 | **UT 2306-16** |

**Raspatorium** **Mc Kenty**
***Raspatory*** ***Mc Kenty***



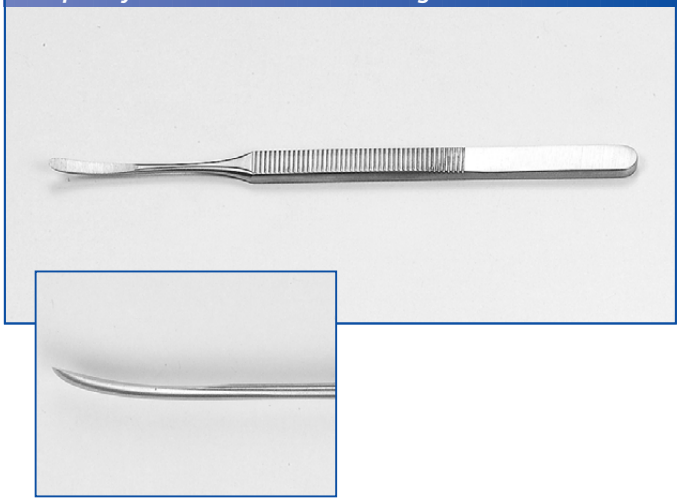
**Besonderheiten / *specification***
scharf / *sharp*





| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

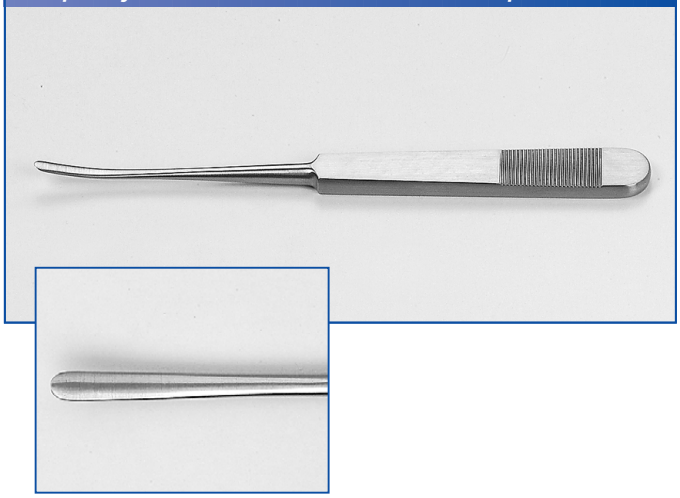
**Raspatorium** **König**
***Raspatory*** ***Koenig***



| | | | | | |
|---|---|---|---|---|---|
| 155 | 6 1/8 | | • | 5 | **UT 2311-16** |

**Besonderheiten / *specification***
scharf / *sharp*

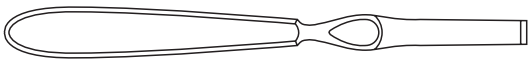
**Raspatorium** **St. Clair-Thompson**
***Raspatory*** ***St. Clair-Thompson***



| | | | | | |
|---|---|---|---|---|---|
| 160 | 6 1/4 | | • | 4 | **UT 2316-16** |

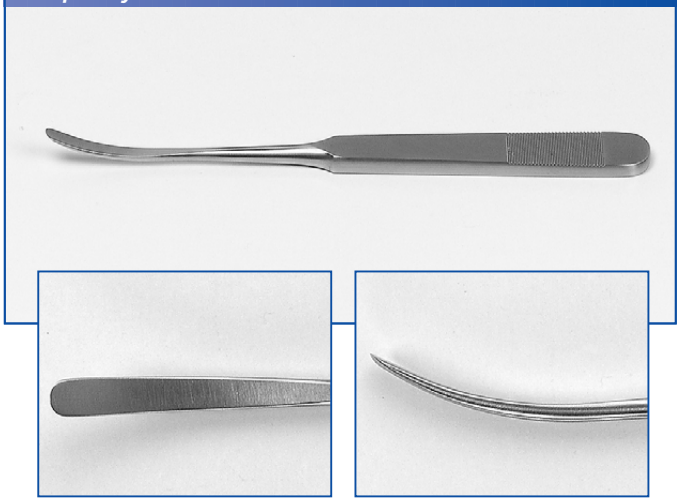
**Besonderheiten / *specification***
scharf / *sharp*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Raspatorium** **Adson**
***Raspatory*** ***Adson***



| | | | | | |
|---|---|---|---|---|---|
| 165 | 6 ½ | | • | 5 | **UT 2321-17** |

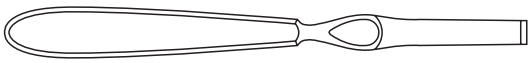
**Besonderheiten / *specification***
scharf / *sharp*

**Raspatorium** **Pennybacker**
***Raspatory*** ***Pennybacker***



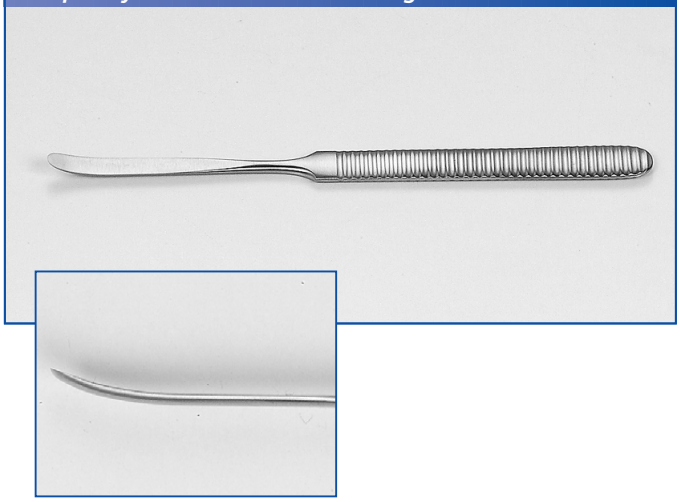
| | | | | | |
|---|---|---|---|---|---|
| 165 | 6 ½ | | • | 6 | **UT 2322-17** |

**Besonderheiten / *specification***
scharf / *sharp*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

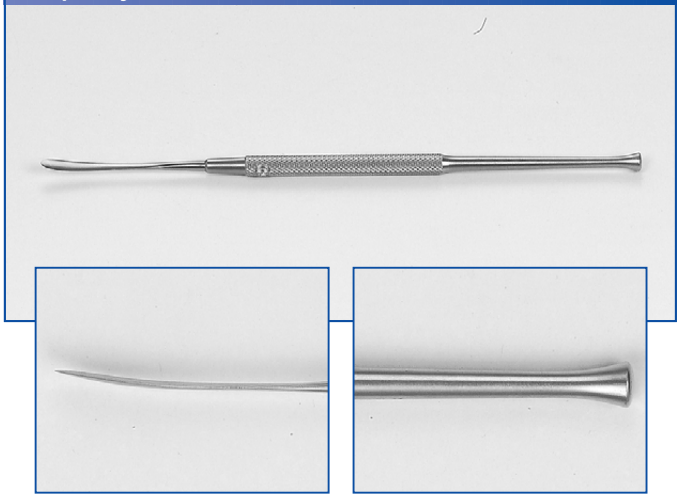
**Raspatorium** **Williger**
***Raspatory*** ***Williger***



| | | | | | |
|---|---|---|---|---|---|
| 160 | 6 1/4 | | • | 7 | **UT 2327-16** |

**Besonderheiten / *specification***
scharf / *sharp*

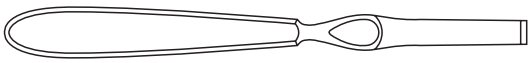
**Raspatorium** **Freer**
***Raspatory*** ***Freer***



| | | | | | |
|---|---|---|---|---|---|
| 190 | 7 1/2 | | • | 4 | **UT 2330-19** |

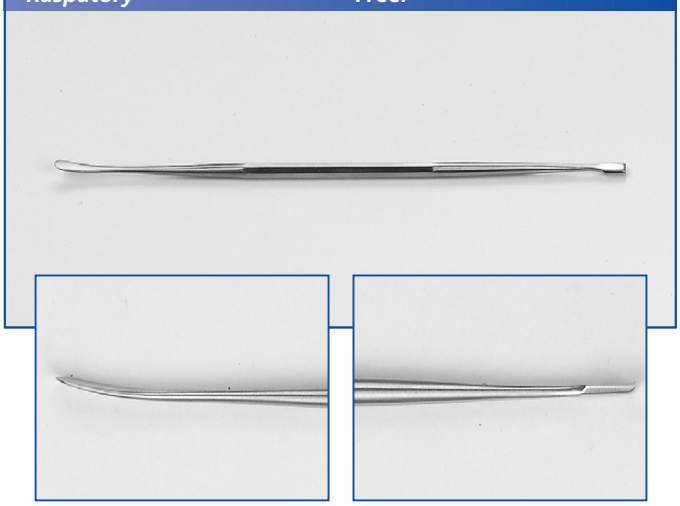
**Besonderheiten / *specification***
scharf, doppelendig, ein Arbeitsende als Stößel /
*sharp, two working tips, one tamper tip*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 180 | 7 | • | • | 4,5 / 4 | **UT 2332-18** |

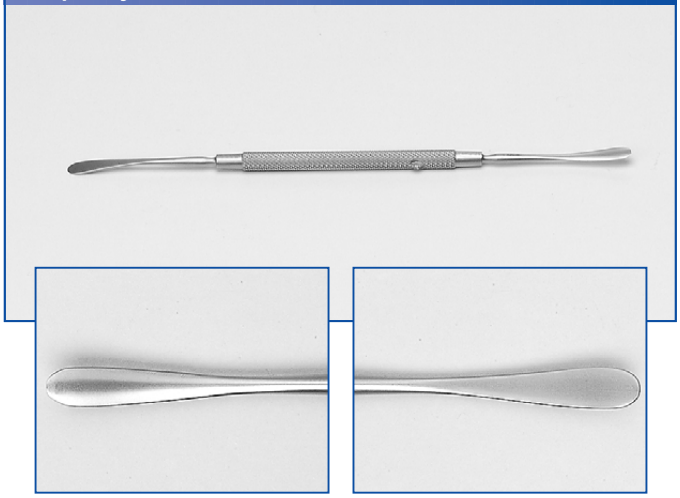
**Raspatorium** / *Raspatory* — **Freer** / *Freer*



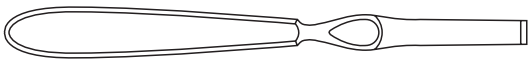
**Besonderheiten / *specification***
scharf, doppelendig / *sharp, two working tips*

| | | | | | |
|---|---|---|---|---|---|
| 190 | 7 ½ | | • | 5 / 5,5 | **UT 2337-19** |

**Raspatorium** / *Raspatory* — **Freer** / *Freer*

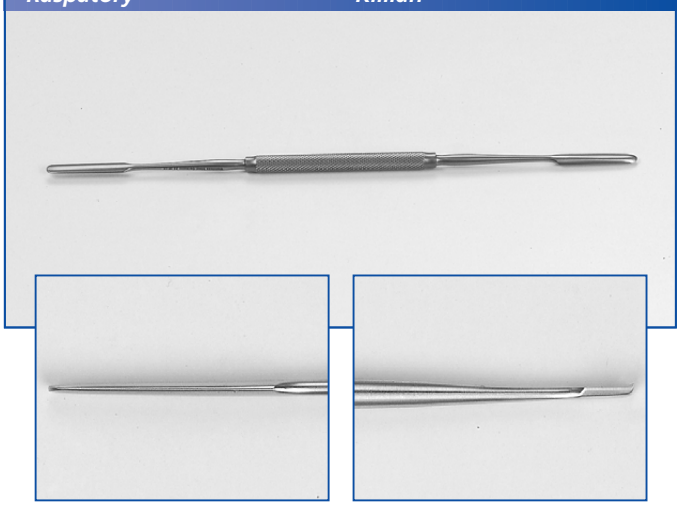


**Besonderheiten / *specification***
scharf/stumpf, doppelendig / *sharp/blunt, two working tips*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 225 | 8 7/8 | • | | 4 / 6 | **UT 2340-23** |

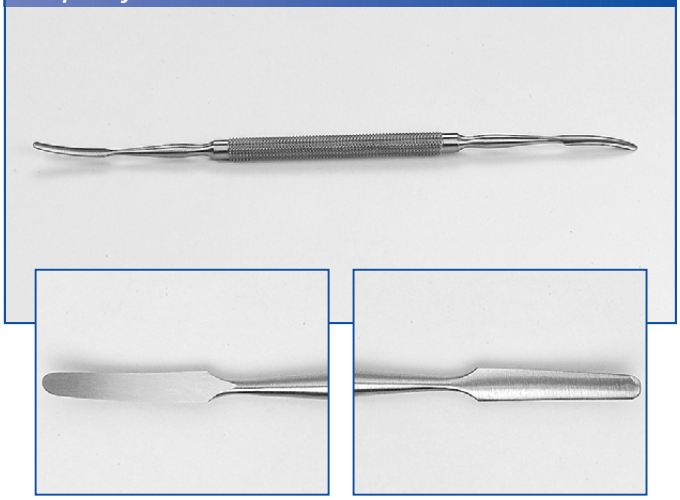
**Raspatorium Killian**
***Raspatory Killian***



**Besonderheiten / *specification***
scharf/stumpf, doppelendig / *sharp/blunt, two working tips*

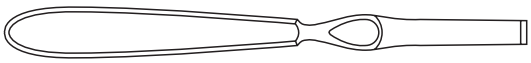
| | | | | | |
|---|---|---|---|---|---|
| 185 | 7 1/4 | | • | 2 / 3 | **UT 2342-19** |

**Raspatorium Killian**
***Raspatory Killian***



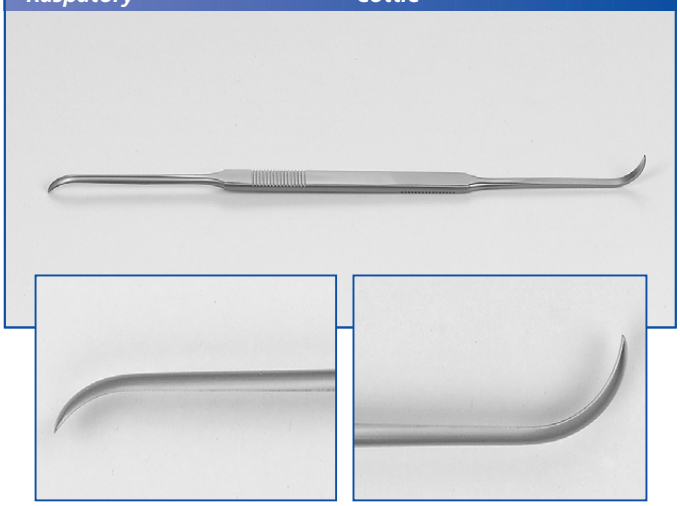
**Besonderheiten / *specification***
scharf/stumpf, doppelendig / *sharp/blunt, two working tips*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 220 | 8 3/4 | | • | 4,5 | **UT 2346-22** |

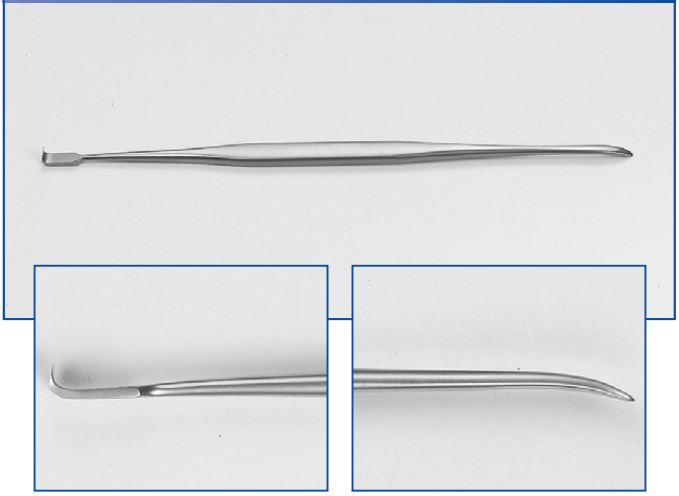
**Raspatorium** **Cottle**
***Raspatory*** ***Cottle***



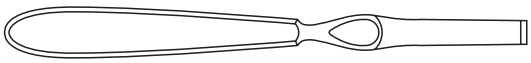
**Besonderheiten / *specification***
scharf/stumpf, doppelendig / *sharp/blunt, two working tips*

| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 210 | 8 1/4 | | • | 5,5 / 4 | **UT 2351-21** |

**Raspatorium** **Howarth**
***Raspatory*** ***Howarth***

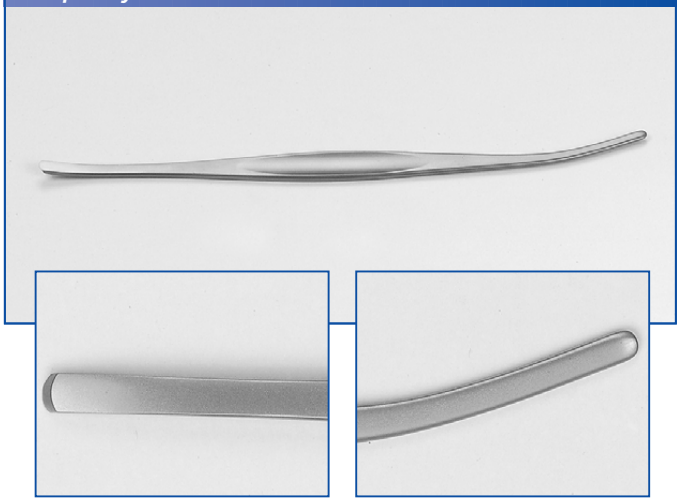


**Besonderheiten / *specification***
scharf/stumpf, doppelendig / *sharp/blunt, two working tips*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

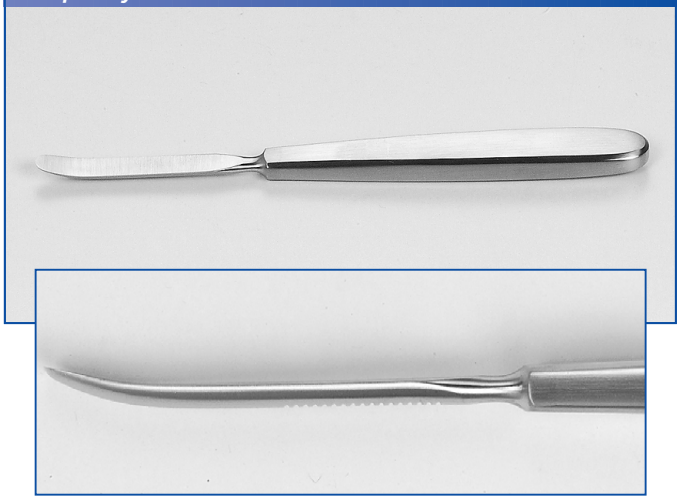
**Raspatorium** **Hill**
***Raspatory*** ***Hill***



| | | | | | |
|---|---|---|---|---|---|
| 220 | 8 3/4 | • | • | 5 / 4 | **UT 2356-22** |

**Besonderheiten / *specification***
scharf/stumpf, doppelendig / *sharp/blunt, two working tips*

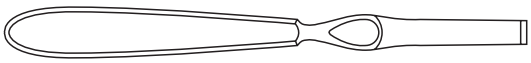
**Raspatorium**
***Raspatory***

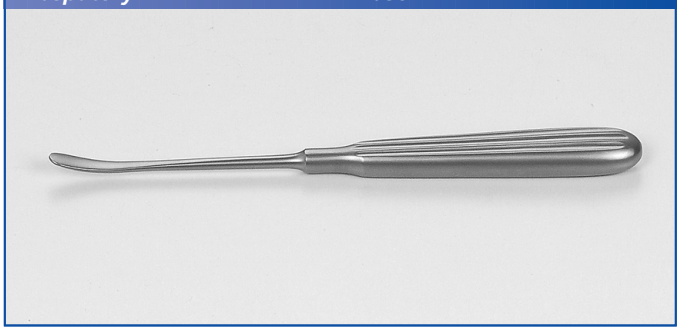


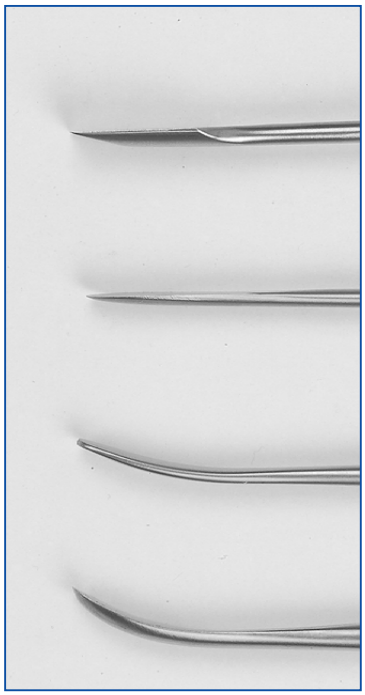
| | | | | | |
|---|---|---|---|---|---|
| 165 | 6 1/2 | | • | 6 | **UT 2366-17** |
| 165 | 6 1/2 | | • | 8 | **UT 2368-17** |

**Besonderheiten / *specification***
scharf / *sharp*

# Raspatorien
*Raspatories*



| Raspatorium *Raspatory* | Adson *Adson* | Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | Artikel-Nr. *product no.* |
|---|---|---|---|---|---|---|---|
|  | | 170 | 6 3/4 | • | | 8 | **UT 2370-17** |
| | | **Besonderheiten / *specification*** scharf, meißelförmig / *sharp, chisel-type tip* | | | | | |
| | | 170 | 6 3/4 | • | | 7 | **UT 2371-17** |
| | | **Besonderheiten / *specification*** scharf / *sharp* | | | | | |
| | | 170 | 6 3/4 | | • | 7 | **UT 2372-17** |
| | | **Besonderheiten / *specification*** stumpf / *blunt* | | | | | |
| | | 170 | 6 3/4 | | • | 7 | **UT 2373-17** |
| | | **Besonderheiten / *specification*** scharf / *sharp* | | | | | |



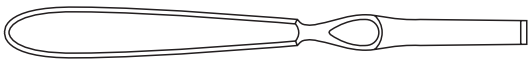
Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2370-17

UT 2371-17

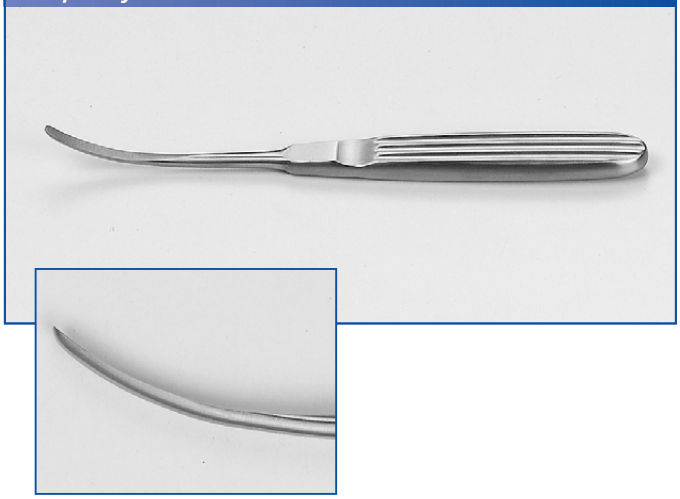
UT 2372-17

UT 2373-17



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

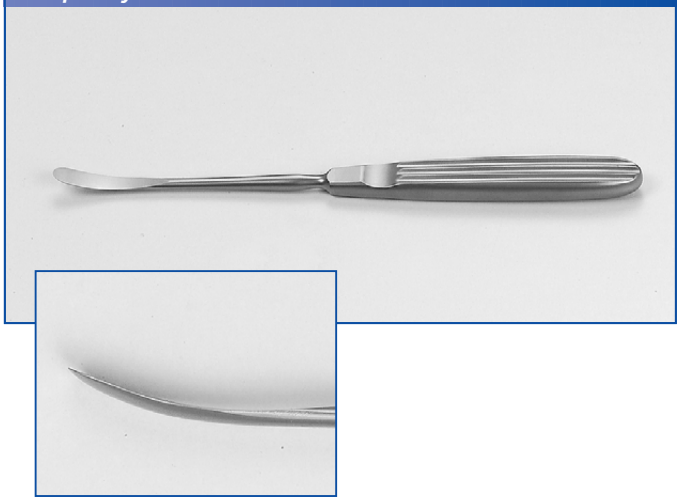
**Raspatorium** **Landolt**
***Raspatory*** ***Landolt***



| | | | | | |
|---|---|---|---|---|---|
| 175 | 7 | | • | 4,7 | **UT 2376-18** |

**Besonderheiten / *specification***
scharf / *sharp*

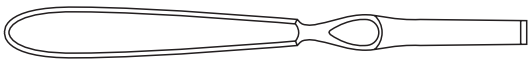
**Raspatorium** **Cottle**
***Raspatory*** ***Cottle***



| | | | | | |
|---|---|---|---|---|---|
| 195 | 7 3/4 | | • | 8 | **UT 2381-20** |

**Besonderheiten / *specification***
scharf / *sharp*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

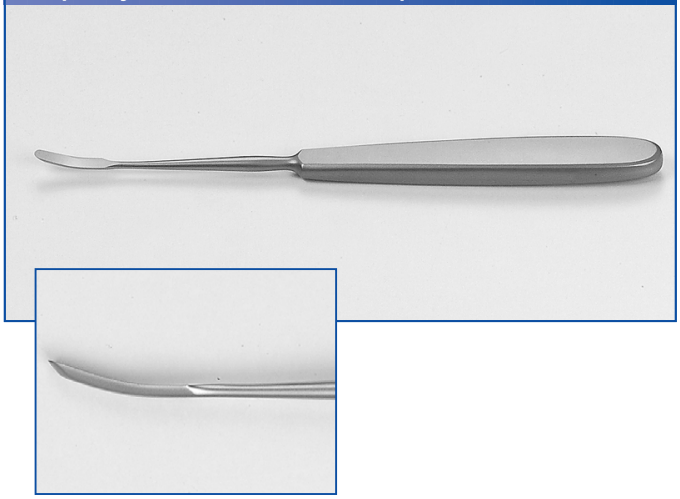
**Raspatorium Trelat**
***Raspatory Trelat***



| | | | | | |
|---|---|---|---|---|---|
| 150 | 6 | | • | 8 | **UT 2386-15** |

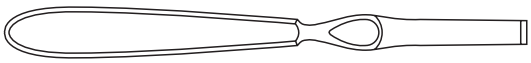
**Besonderheiten / *specification***
scharf / *sharp*

**Raspatorium Joseph**
***Raspatory Joseph***



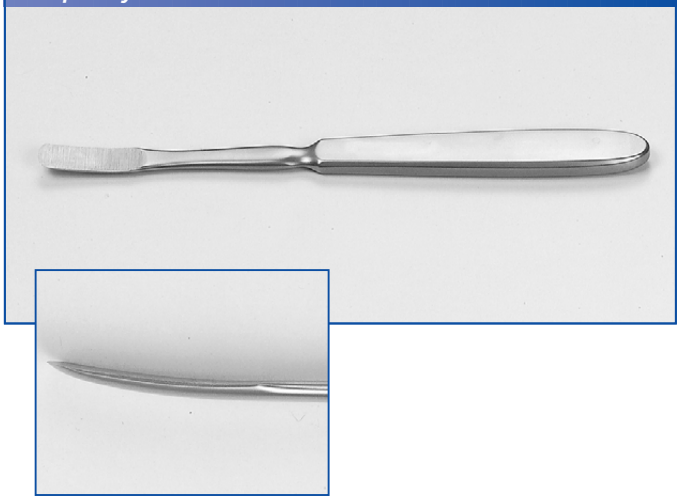
| | | | | | |
|---|---|---|---|---|---|
| 170 | 6 3/4 | | • | 4 | **UT 2391-17** |

**Besonderheiten / *specification***
scharf / *sharp*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

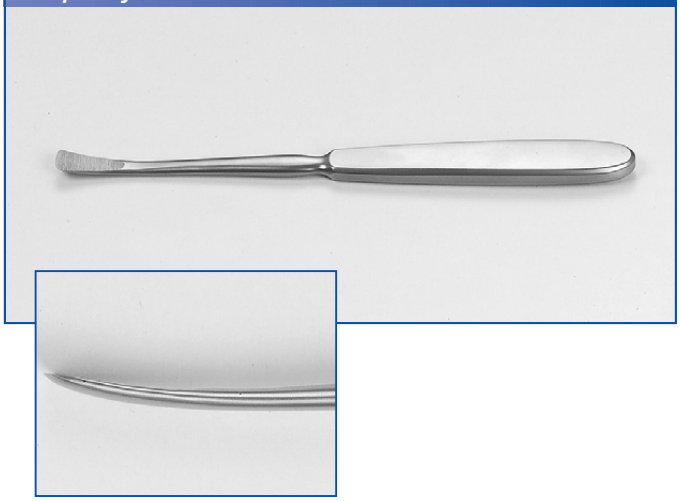
**Raspatorium** **Krämer**
***Raspatory*** ***Kraemer***



| | | | | | |
|---|---|---|---|---|---|
| 185 | 7 1/4 | | • | 10 | **UT 2395-19** |

**Besonderheiten / *specification***
scharf / *sharp*

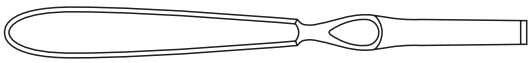
**Raspatorium** **Krämer**
***Raspatory*** ***Kraemer***



| | | | | | |
|---|---|---|---|---|---|
| 190 | 7 1/2 | | • | 10 | **UT 2396-19** |

**Besonderheiten / *specification***
scharf / *sharp*

# Raspatorien
*Raspatories*



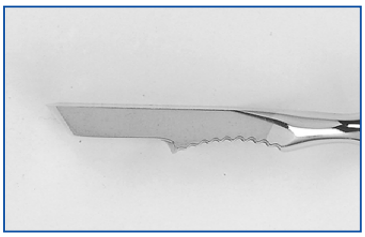
**Raspatorium** / ***Raspatory*** — **Farabeuf** / ***Farabeuf***



| Länge in mm / *length in mm* | Länge in inch / *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm / *working width/mm* | **Artikel-Nr. / *product no.*** |
|---|---|---|---|---|---|
| 150 | 6 | • | | 12,5 | **UT 2400-15** |
| 150 | 6 | | • | 12,5 | **UT 2401-15** |

**Besonderheiten / *specification***

scharf, Querrillen auf Rückseite / *sharp, cross-striped in the rear*



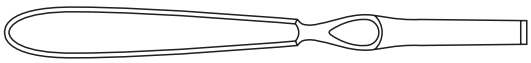


Detailabbildungen / *details*

Maßstab / *scale* 1:1

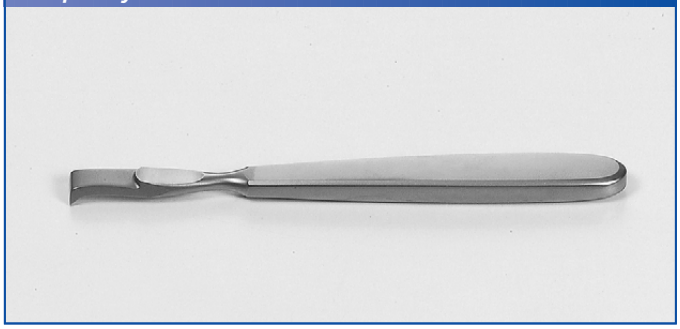
UT 2400-15

UT 2401-15



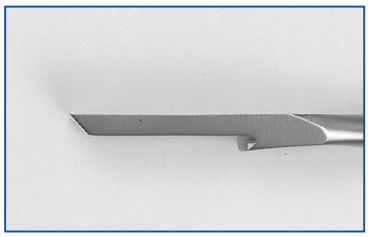
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 160 | 6 1/4 | • | | 11 | **UT 2402-16** |
| 160 | 6 1/4 | | • | 11 | **UT 2403-16** |

**Raspatorium Farabeuf-Collin**
***Raspatory Farabeuf-Collin***



**Besonderheiten / *specification***
scharf, Griffmulde auf Rückseite / *sharp, recessed grip in the rear*

Detailabbildungen / *details*
Maßstab / *scale* 1:1



UT 2402-16



UT 2403-16

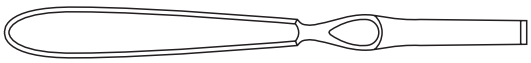
| | | | | | |
|---|---|---|---|---|---|
| 215 | 8 1/2 | | • | 5 | **UT 2405-05** |
| 215 | 8 1/2 | | • | 10 | **UT 2405-10** |
| 215 | 8 1/2 | | • | 15 | **UT 2405-15** |
| 215 | 8 1/2 | | • | 20 | **UT 2405-20** |
| 215 | 8 1/2 | | • | 25 | **UT 2405-25** |

**Raspatorium Lambotte**
***Raspatory Lambotte***



**Besonderheiten / *specification***
scharf, Griffmulde auf Rückseite / *sharp, recessed grip in the rear*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

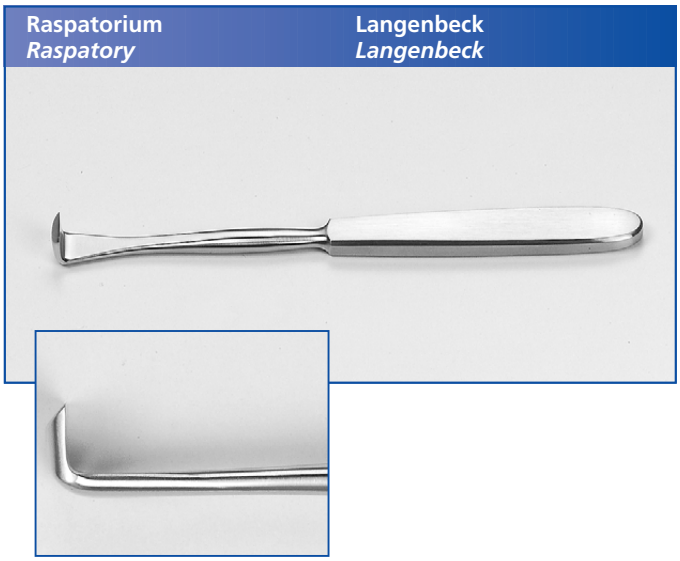
**Raspatorium** **Langenbeck**
***Raspatory*** ***Langenbeck***



| | | | | | |
|---|---|---|---|---|---|
| 190 | 7 ½ | • | | 16 | **UT 2410-19** |

**Besonderheiten / *specification***
scharf / *sharp*

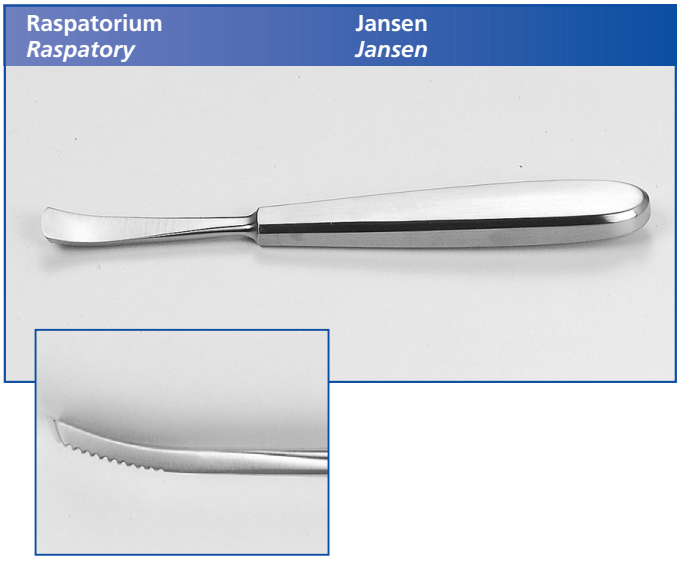
**Raspatorium** **Langenbeck**
***Raspatory*** ***Langenbeck***



| | | | | | |
|---|---|---|---|---|---|
| 180 | 7 | | • | 14 | **UT 2411-18** |

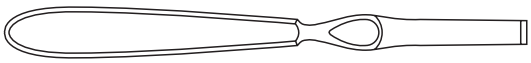
**Besonderheiten / *specification***
scharf, 90° gewinkelt / *sharp, angled 90°*

**Raspatorium** **Jansen**
***Raspatory*** ***Jansen***



| | | | | | |
|---|---|---|---|---|---|
| 165 | 6 ½ | | • | 15 | **UT 2416-17** |

**Besonderheiten / *specification***
scharf, Querrillen auf Rückseite / *sharp, cross-striped in the rear*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Raspatorium** **Schneider**
***Raspatory*** ***Schneider***



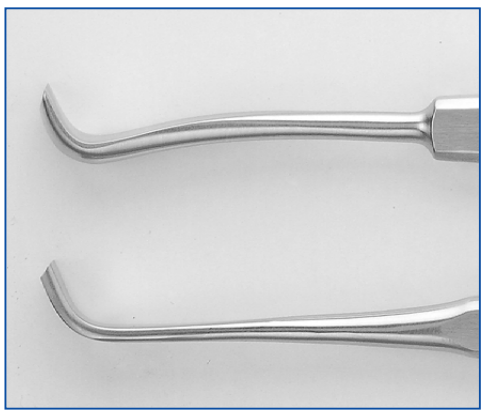
| | | | | | |
|---|---|---|---|---|---|
| 175 | 7 | | • | 13 | **UT 2421-18** |

**Besonderheiten / *specification***
scharf / *sharp*

**Schneider-Sauerbruch**

| | | | | | |
|---|---|---|---|---|---|
| 190 | 7 1/2 | | • | 14 | **UT 2422-19** |

**Besonderheiten / *specification***
scharf / *sharp*



Detailabbildung
Maßstab 1:1

UT 2421-18

UT 2422-19

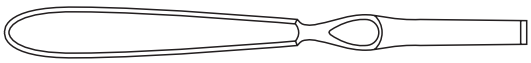
**Raspatorium** **Kastert**
***Raspatory*** ***Kastert***



| | | | | | |
|---|---|---|---|---|---|
| 220 | 8 3/4 | | • | 12 | **UT 2426-22** |

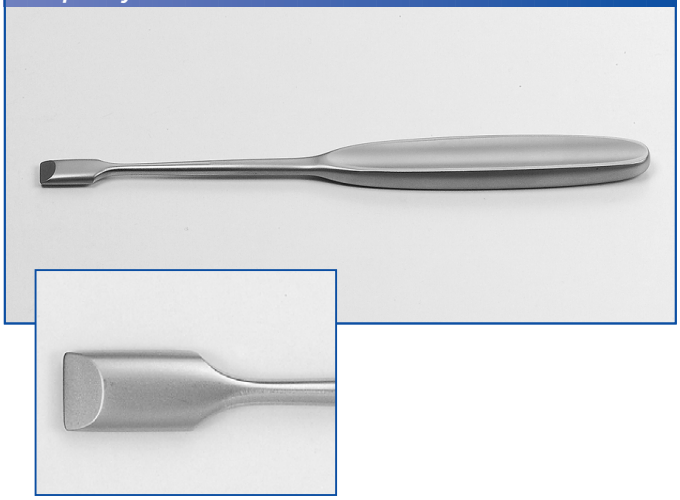
**Besonderheiten / *specification***
scharf / *sharp*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

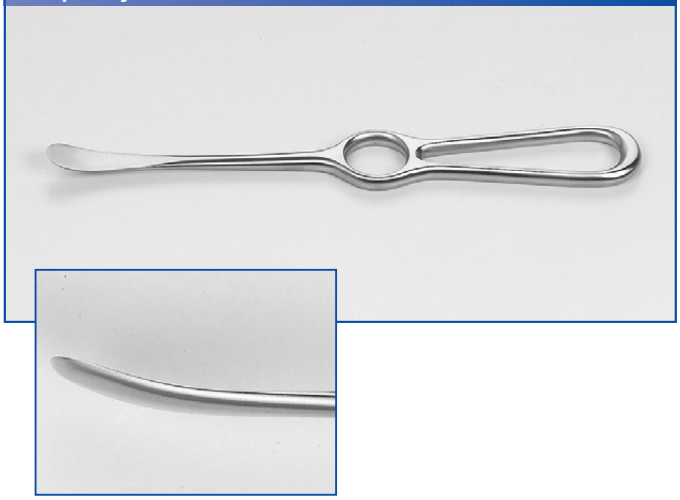
**Raspatorium** **Mc Kissock**
***Raspatory*** ***Mc Kissock***



| | | | | | |
|---|---|---|---|---|---|
| 195 | 7 3/4 | • | | 11 | **UT 2430-20** |

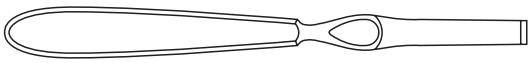
**Besonderheiten / *specification***
scharf, meißelförmig / *sharp, chisel-type tip*

**Raspatorium** **Sedillot**
***Raspatory*** ***Sedillot***



| | | | | | |
|---|---|---|---|---|---|
| 220 | 8 3/4 | | • | 15 | **UT 2432-22** |

**Besonderheiten / *specification***
scharf / *sharp*



| Raspatorium<br>*Raspatory* | Bristow<br>*Bristow* |
|---|---|



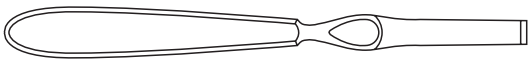


| Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm<br>*working width/mm* | **Artikel-Nr.**<br>***product no.*** |
|---|---|---|---|---|---|
| 210 | 8 1/4 | | • | 9 | **UT 2433-21** |

**Besonderheiten / *specification***

scharf / *sharp*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 190 | 7 1/2 | | • | 12 | **UT 2434-19** |

**Besonderheiten / *specification***
scharf, halbrund nach innen gewölbt / *sharp, concave*

| | | | | | |
|---|---|---|---|---|---|
| 230 | 9 | | • | 12 | **UT 2435-23** |

**Besonderheiten / *specification***
scharf, v-förmig nach innen gewölbt / *sharp, v-shaped*

| | | | | | |
|---|---|---|---|---|---|
| 230 | 9 | | • | 13 | **UT 2436-23** |

**Besonderheiten / *specification***
scharf, 45° abgewinkelt, rechteckig /
*sharp, angled 45°, rectangular tip*

| | | | | | |
|---|---|---|---|---|---|
| 230 | 9 | | • | 13 | **UT 2437-23** |

**Besonderheiten / *specification***
scharf, 90° abgewinkelt, rechteckig /
*sharp, angled 90°, rectangular tip*

| | | | | | |
|---|---|---|---|---|---|
| 230 | 9 | | • | 15 | **UT 2438-23** |

**Besonderheiten / *specification***
scharf, halbrund / *sharp, semi-circular*

**Rippenraspatorium** **Semb**
***Rib raspatory*** ***Semb***





Detailabbildungen / *details*
Maßstab / *scale* 1:1

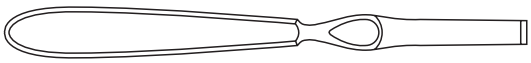
UT 2434-19

UT 2435-23

UT 2436-23

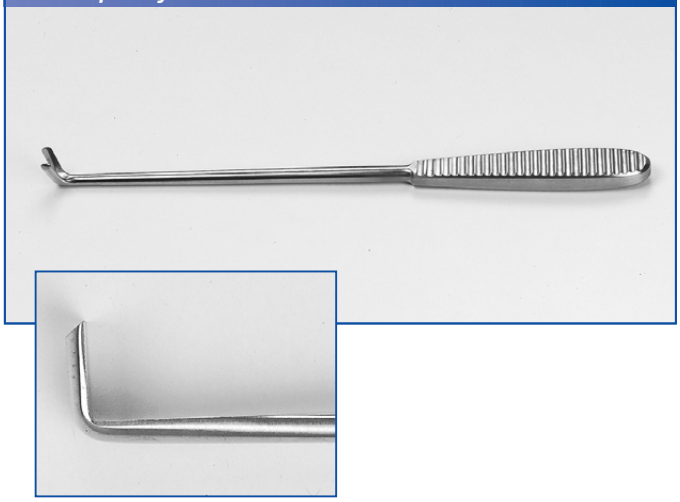
UT 2437-23

UT 2438-23



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Rippenraspatorium** **Lemmens**
***Rib raspatory*** ***Lemmens***

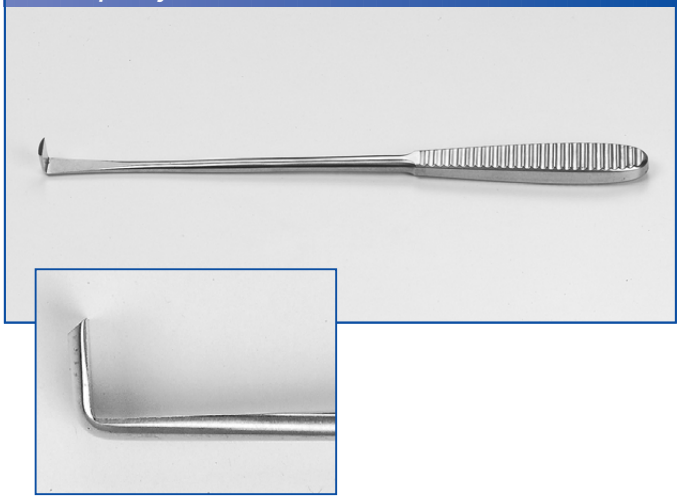


| | | | | | |
|---|---|---|---|---|---|
| 295 | 11 5/8 | | • | 13 | **UT 2441-30** |

**Besonderheiten / *specification***

scharf, gabelförmig, 110° abgewinkelt; zur Anwendung bei Schultergürtelsyndrom / *sharp, fork type, angled 110°; thoracic outlet syndrome*

**Rippenraspatorium** **Lemmens**
***Rib raspatory*** ***Lemmens***

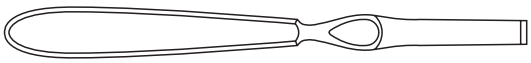


| | | | | | |
|---|---|---|---|---|---|
| 300 | 11 7/8 | | • | 13 | **UT 2442-30** |

**Besonderheiten / *specification***

scharf, 90° abgewinkelt, rechteckig; zur Anwendung bei Schultergürtelsyndrom / *sharp, angled 90°, rectangular tip; thoracic outlet syndrome*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

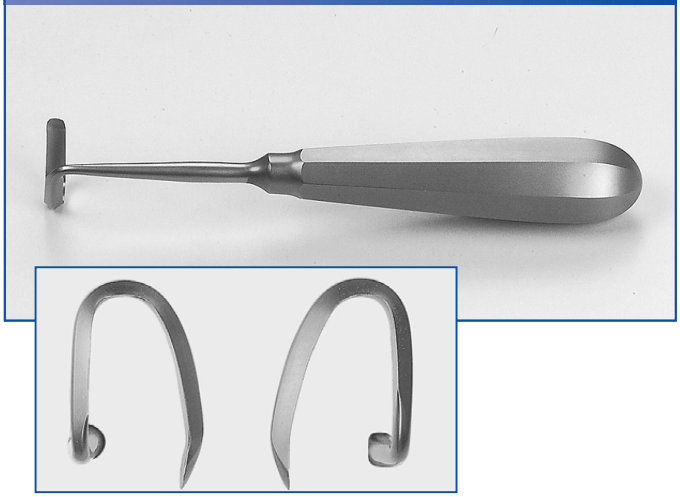
**Rippenraspatorium** **Lemmens**
***Rib raspatory*** ***Lemmens***



| | | | | | |
|---|---|---|---|---|---|
| 295 | 11 5/8 | | • | 20 | **UT 2443-30** |

**Besonderheiten / *specification***
scharf, Griffmulde auf Rückseite; zur Anwendung bei Schultergürtelsyndrom / *sharp, recessed grip in the rear; thoracic outlet syndrome*

**Rippenraspatorium** **Doyen**
***Rib raspatory*** ***Doyen***

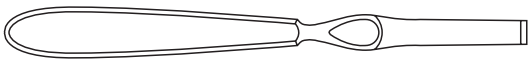


| | | | | | |
|---|---|---|---|---|---|
| 150 | 6 | | | | **UT 2444-15** |

**Besonderheiten / *specification***
links, scharf, für Kinder / *left, sharp, paediatric*

| | | | | | |
|---|---|---|---|---|---|
| 150 | 6 | | | | **UT 2445-15** |

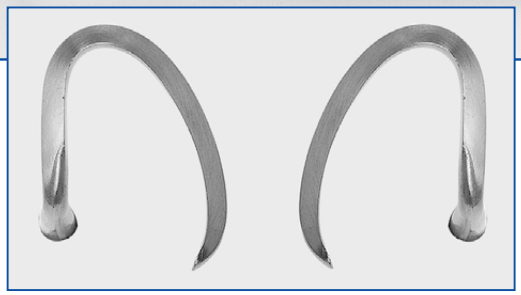
**Besonderheiten / *specification***
rechts, scharf, für Kinder / *right, sharp, paediatric*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Rippenraspatorium** **Doyen**
***Rib raspatory*** ***Doyen***





| | | | | | |
|---|---|---|---|---|---|
| 170 | 6 3/4 | | | | **UT 2446-17** |

**Besonderheiten / *specification***
links, scharf, für Erwachsene / *left, sharp, adult*

| | | | | | |
|---|---|---|---|---|---|
| 240 | 9 1/2 | | | | **UT 2446-24** |

**Besonderheiten / *specification***
links, scharf, für Erwachsene / *left, sharp, adult*

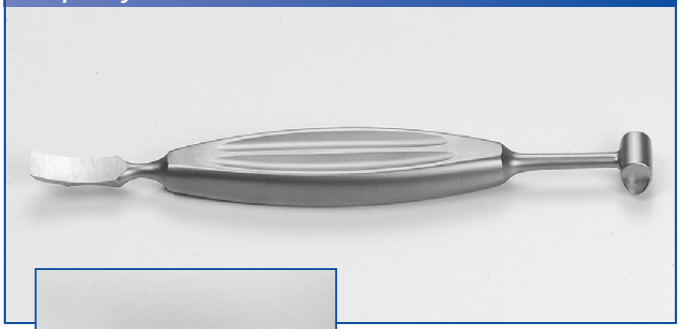
| | | | | | |
|---|---|---|---|---|---|
| 170 | 6 3/4 | | | | **UT 2447-17** |

**Besonderheiten / *specification***
rechts, scharf, für Erwachsene / *right, sharp, adult*

| | | | | | |
|---|---|---|---|---|---|
| 240 | 9 1/2 | | | | **UT 2447-24** |

**Besonderheiten / *specification***
rechts, scharf, für Erwachsene / *right, sharp, adult*

**Raspatorium** **Alexander**
***Raspatory*** ***Alexander***

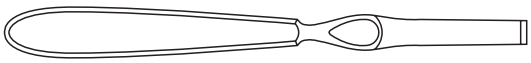




| | | | | | |
|---|---|---|---|---|---|
| 210 | 8 1/4 | | | 12 | **UT 2450-21** |

**Besonderheiten / *specification***
scharf, doppelendig / *sharp, two working tips*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Flavotom** **Koyoma**
***Flavotome*** ***Koyoma***



| | | | | | |
|---|---|---|---|---|---|
| 220 | 8 3/4 | | • | 4 | **UT 2455-22** |

**Besonderheiten / *specification***
scharf / *sharp*

| | | | | | |
|---|---|---|---|---|---|
| 220 | 8 3/4 | | • | 3 | **UT 2456-22** |

**Besonderheiten / *specification***
scharf, 135° abgewinkelt / *sharp, angled 135°*



Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2455-22

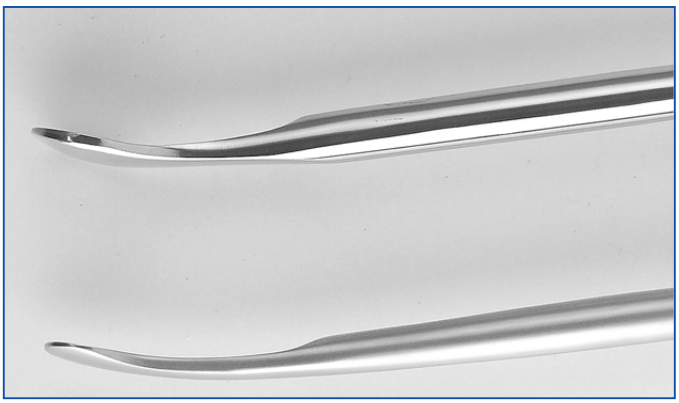
UT 2456-22

**Raspatorium** **Cobb**
***Raspatory*** ***Cobb***



| | | | | | |
|---|---|---|---|---|---|
| 300 | 11 7/8 | | • | 12 | **UT 2461-30** |
| 300 | 11 7/8 | | • | 20 | **UT 2462-30** |

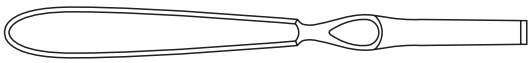
**Besonderheiten / *specification***
scharf / *sharp*



Detailabbildungen / *details*
Maßstab / *scale* 1:1

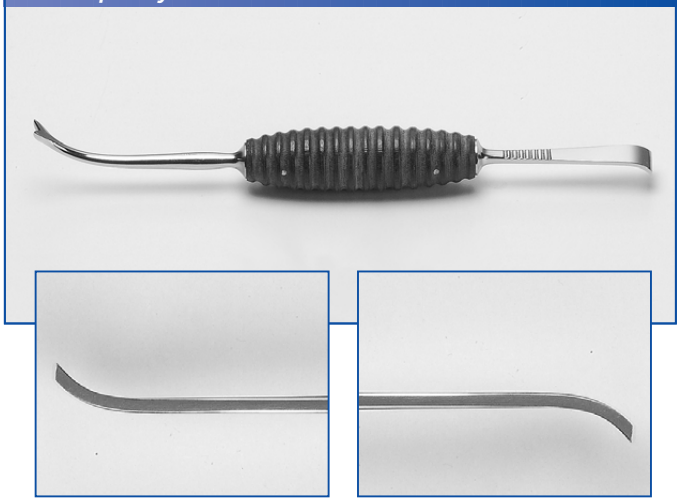
UT 2461-30

UT 2462-30



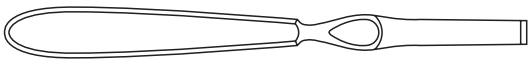
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 245 | 9 5/8 | | • | 9 / 13 | **UT 2465-25** |

**Rippenraspatorium** **Artmann**
***Rib raspatory*** ***Artmann***



**Besonderheiten / *specification***

scharf, doppelendig, Griff Schichtpreßstoff /
*sharp, two working tips, handle moulded laminated material*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Rippenraspatorium**
***Rib raspatory***



| | | | | | |
|---|---|---|---|---|---|
| 190 | 7 1/2 | • | | 6 | **UT 2471-19** |

**Besonderheiten / *specification***
scharf, meißelförmig, Griff Schichtpreßstoff /
*sharp, chisel-type tip, handle moulded laminated material*

| | | | | | |
|---|---|---|---|---|---|
| 185 | 7 1/4 | | • | 3 | **UT 2472-19** |

**Besonderheiten / *specification***
scharf, meißelförmig, Griff Schichtpreßstoff /
*sharp, chisel-type tip, handle moulded laminated material*

| | | | | | |
|---|---|---|---|---|---|
| 190 | 7 1/2 | | • | 6 | **UT 2473-19** |

**Besonderheiten / *specification***
scharf, meißelförmig, Griff Schichtpreßstoff /
*sharp, chisel-type tip, handle moulded laminated material*

| | | | | | |
|---|---|---|---|---|---|
| 190 | 7 1/2 | | • | 6 | **UT 2474-19** |

**Besonderheiten / *specification***
scharf, halbrund, Griff Schichtpreßstoff /
*sharp, round tip, handle moulded laminated material*



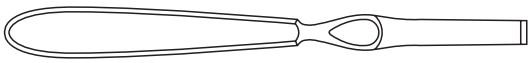
Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2471-19

UT 2472-19

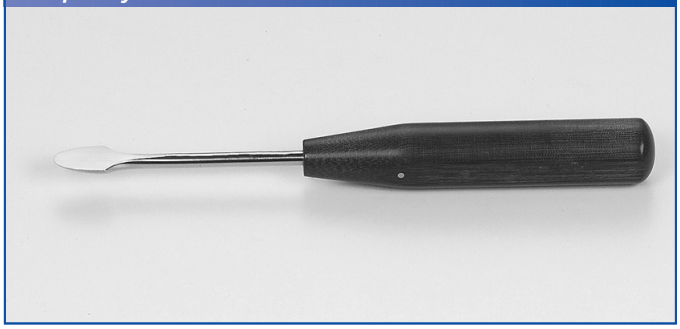
UT 2473-19

UT 2474-19



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Raspatorium**
***Raspatory***

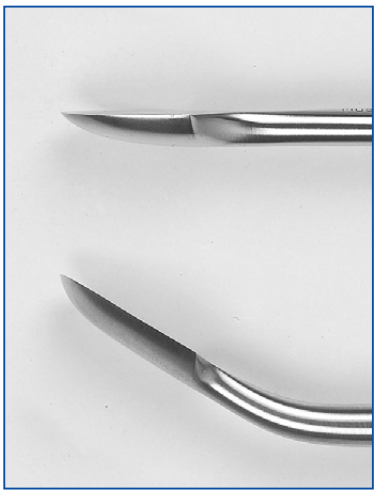


| | | | | | |
|---|---|---|---|---|---|
| 200 | 7 7/8 | • | | 20 | **UT 2475-20** |

**Besonderheiten / *specification***
scharf, halbrund, Griff Schichtpreßstoff /
*sharp, round tip, handle moulded laminated material*

| | | | | | |
|---|---|---|---|---|---|
| 195 | 7 3/4 | | • | 20 | **UT 2476-20** |

**Besonderheiten / *specification***
scharf, halbrund, Griff Schichtpreßstoff /
*sharp, round tip, handle moulded laminated material*



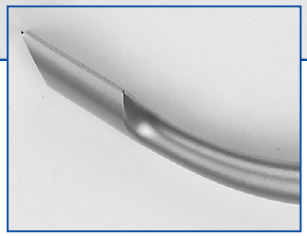
Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2475-20

UT 2476-20

**Raspatorium**
***Raspatory***

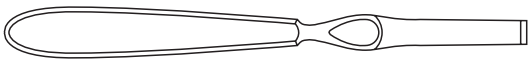




| | | | | | |
|---|---|---|---|---|---|
| 185 | 7 1/4 | | • | 15 | **UT 2477-19** |

**Besonderheiten / *specification***
scharf, meißelförmig, Griff Schichtpresstoff /
*sharp, chisel-type tip, handle moulded laminated material*

# Raspatorien
*Raspatories*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite Arbeitsende/mm *working width/mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| **Raspatorium** *Raspatory* | | | | | |
| 275 | 10 7/8 | | • | 20 | **UT 2481-28** |

**Besonderheiten / *specification***
scharf, Griff Schichtpresstoff /
*sharp, handle moulded laminated material*



| | | | | | |
|---|---|---|---|---|---|
| **Raspatorium Wagner** | | | | | |
| 330 | 13 | | • | 8 | **UT 2486-33** |
| 330 | 13 | | • | 17 | **UT 2487-33** |

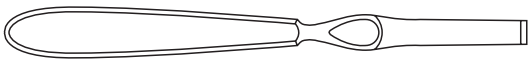
**Besonderheiten / *specification***
scharf, Griff Schichtpresstoff /
*sharp, handle moulded laminated material*



Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2486-33

UT 2487-33



| Länge in mm *length in mm* | Länge in inch *length in inch* | Blattbreite in mm *width of lever in mm* | Breite/Spitze in mm *width of tip in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| **Knochenhebel für Phalangen**<br>***Bone lever for fingers*** | | | | | |
| 150 | 6 | | 5 | | **UT 2500-15** |
| **Knochenhebel**<br>***Bone lever*** | | | | | |
| 140 | 5 1/2 | | 2,8 | | **UT 2503-14** |
| 150 | 6 | | 4,5 | | **UT 2505-15** |
| 150 | 6 | | 6 | | **UT 2506-15** |



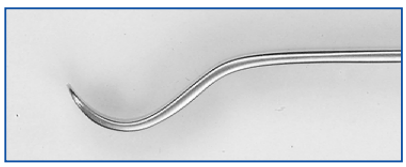
**Besonderheiten / *specification***
Satz bestehend aus 2 Stück / *Set consisting of 2 pcs*



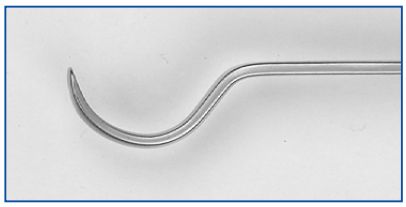


Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2503-14

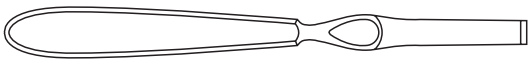


UT 2505-15

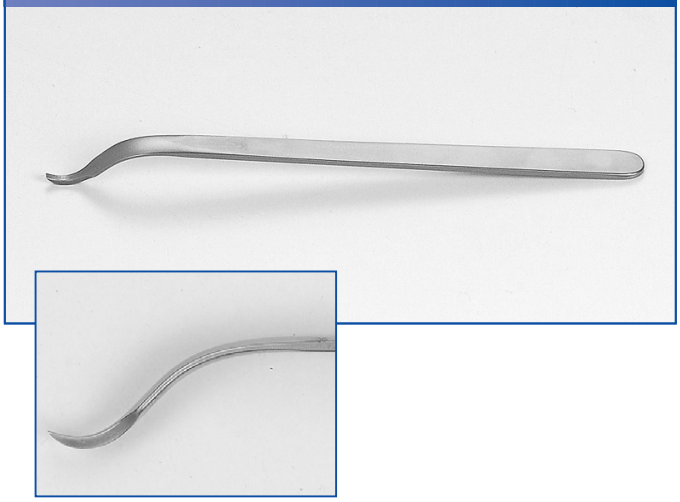


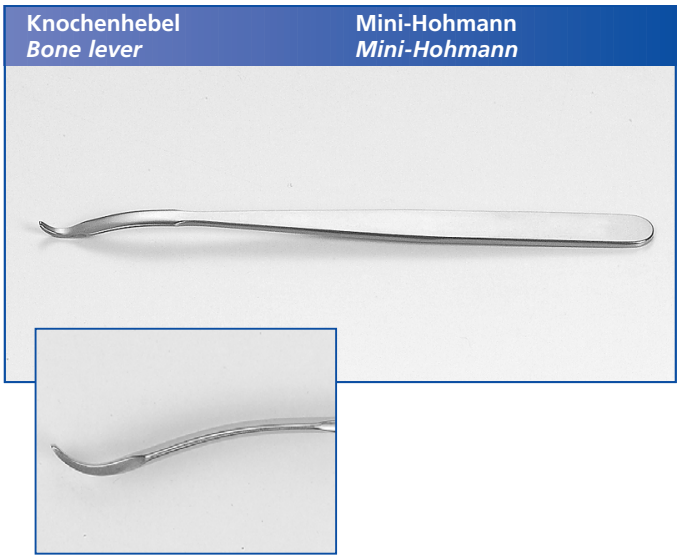
UT 2506-15

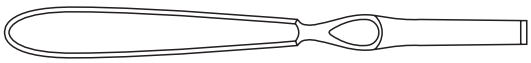
# Knochenhebel
*Bone levers*



| | Länge in mm *length in mm* | Länge in inch *length in inch* | Blattbreite in mm *width of lever in mm* | Breite/Spitze in mm *width of tip in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| **Knochenhebel** ***Bone lever*** **Buck-Gramcko** ***Buck-Gramcko*** | 150 | 6 | 7,5 | 2 | | **UT 2511-15** |
| **Knochenhebel** ***Bone lever*** **Mini-Hohmann** ***Mini-Hohmann*** | 160 | 6 1/4 | 6 | 2 | | **UT 2516-16** |
| | 160 | 6 1/4 | 8 | 2 | | **UT 2518-16** |

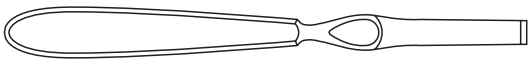




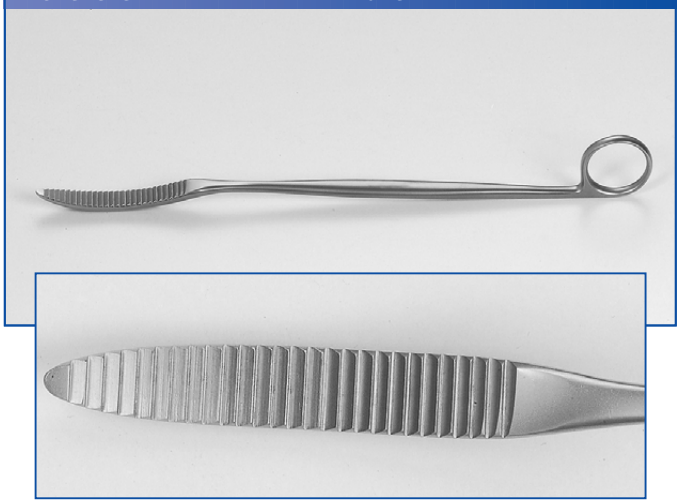


| | Länge in mm *length in mm* | Länge in inch *length in inch* | Blattbreite in mm *width of lever in mm* | Breite/Spitze in mm *width of tip in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| **Knochenhebel** *Bone lever* | 125 | 5 | 15 | 2 | | **UT 2521-13** |
| **Knochenhebel** *Bone lever* **Täger** *Taeger* | 175 | 7 | | 12 | 70 | **UT 2541-18** |
| **Knochenhebel** *Bone lever* **Lane Trethowan** *Lane-Trethowan* | 210 | 8 1/4 | 12 | 3 | | **UT 2550-21** |

# Knochenhebel
*Bone levers*

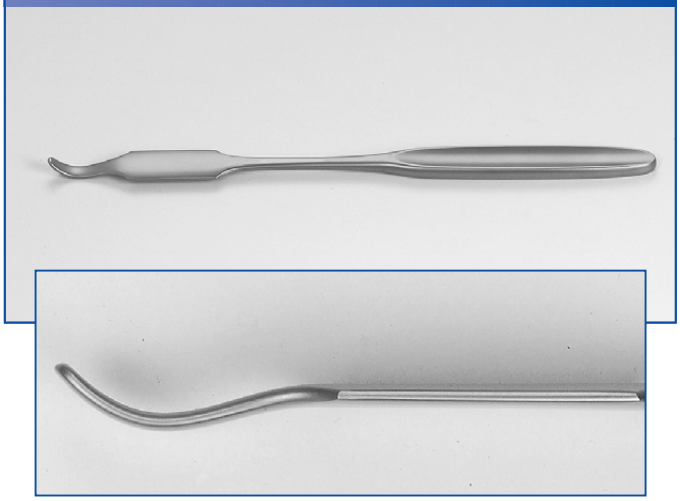


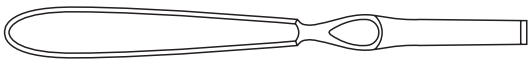
| Knochenhebel<br>*Bone lever* | Lane<br>*Lane* | Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | Blattbreite in mm<br>*width of lever in mm* | Breite/Spitze in mm<br>*width of tip in mm* | Tiefe in mm<br>*depth in mm* | **Artikel-Nr.**<br>***product no.*** |
|---|---|---|---|---|---|---|---|
| | | 255 | 10 | 11 | 5 | | **UT 2551-26** |



**Besonderheiten / *specification***
gerieft / *serrated*

| Knochenhebel<br>*Bone lever* | Watson-Jones<br>*Watson-Jones* | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 280 | 11 | 20 | 7 | | **UT 2571-28** |





| Knochenhebel<br>*Bone lever* | Hohmann-Ulrich<br>*Hohmann-Ulrich* |
|---|---|



| Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | Blattbreite in mm<br>*width of lever in mm* | Breite/Spitze in mm<br>*width of tip in mm* | Tiefe in mm<br>*depth in mm* | **Artikel-Nr.**<br>***product no.*** |
|---|---|---|---|---|---|
| 230 | 9 | 25 | 10 | | **UT 2581-23** |
| **Besonderheiten / *specification*** | | | | | |
| mit Rinne, scharfe Vorderkante / *grooved, cutting edge* | | | | | |
| 230 | 9 | 23 | 10 | | **UT 2582-23** |
| **Besonderheiten / *specification*** | | | | | |
| mit Rinne, scharfe Vorderkante / *grooved, cutting edge* | | | | | |
| 280 | 11 | 34 | 15 | | **UT 2585-28** |
| **Besonderheiten / *specification*** | | | | | |
| mit Rinne, scharfe Vorderkante / *grooved, cutting edge* | | | | | |
| 280 | 11 | 34 | 15 | | **UT 2586-28** |
| **Besonderheiten / *specification*** | | | | | |
| mit Rinne, scharfe Vorderkante / *grooved, cutting edge* | | | | | |



Detailabbildungen / *details*
Maßstab / *scale* 1:1

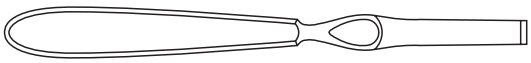
UT 2581-23

UT 2582-23

UT 2585-28

UT 2586-28

# Knochenhebel
## *Bone levers*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Blattbreite in mm *width of lever in mm* | Breite/Spitze in mm *width of tip in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| **Knochenhebel *Bone lever* — Lange-Hohmann *Lange-Hohmann*** | | | | | |
| 250 | 9 7/8 | 24 | 8 | | **UT 2591-25** |

**Besonderheiten / *specification***
mit Rinne / *grooved*

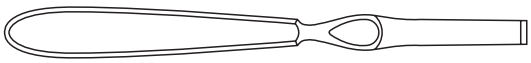


| | | | | | |
|---|---|---|---|---|---|
| **Knochenhebel *Bone lever* — Lange-Hohmann modifiziert *Lange-Hohmann modified*** | | | | | |
| 265 | 10 1/2 | 30 | 11 | | **UT 2595-27** |
| 280 | 11 | 33 | 11 | | **UT 2596-28** |



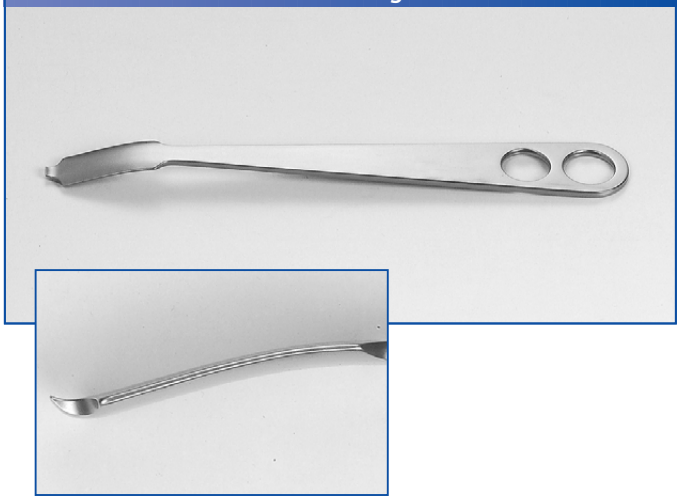
| | | | | | |
|---|---|---|---|---|---|
| **Knochenhebel *Bone lever* — Hohmann *Hohmann*** | | | | | |
| 240 | 9 1/2 | 17 | 2 | | **UT 2601-24** |





| Länge in mm *length in mm* | Länge in inch *length in inch* | Blattbreite in mm *width of lever in mm* | Breite/Spitze in mm *width of tip in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|

**Knochenhebel** **Wagner**
***Bone lever*** ***Wagner***



| | | | | | |
|---|---|---|---|---|---|
| 220 | 8 3/4 | 17 | 6 | | **UT 2606-22** |

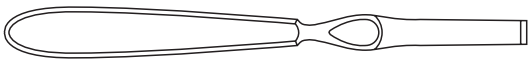
**Besonderheiten / *specification***
scharfe Vorderkante / *cutting edge*

**Knochenhebel** **Hohmann**
***Bone lever*** ***Hohmann***



| | | | | | |
|---|---|---|---|---|---|
| 260 | 10 1/4 | 24 | 9 | | **UT 2611-02-25** |
| 285 | 11 1/4 | 34 | 13 | | **UT 2611-03-29** |

# Knochenhebel
*Bone levers*

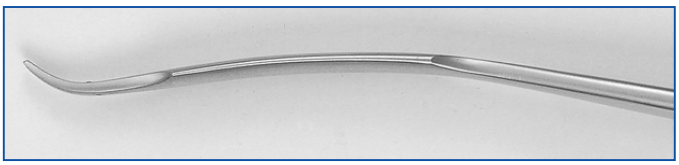


**Knochenhebel** **Hohmann**
***Bone lever*** ***Hohmann***

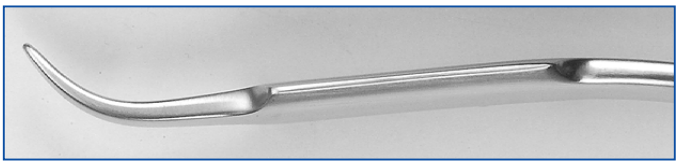


| Länge in mm *length in mm* | Länge in inch *length in inch* | Blattbreite in mm *width of lever in mm* | Breite/Spitze in mm *width of tip in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 220 | 8 3/4 | 8 | 2 | | **UT 2612-01-22** |
| 240 | 9 1/2 | 18 | 4 | | **UT 2612-02-24** |
| 240 | 9 1/2 | 43 | 7 | | **UT 2612-04-24** |
| 240 | 9 1/2 | 70 | 7 | | **UT 2612-07-24** |

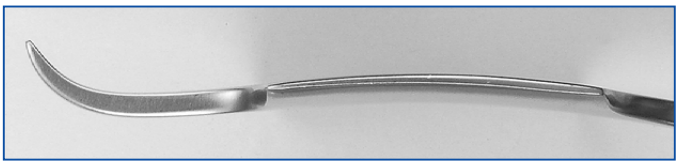
Detailabbildungen / *details*
Maßstab / *scale* 1:1



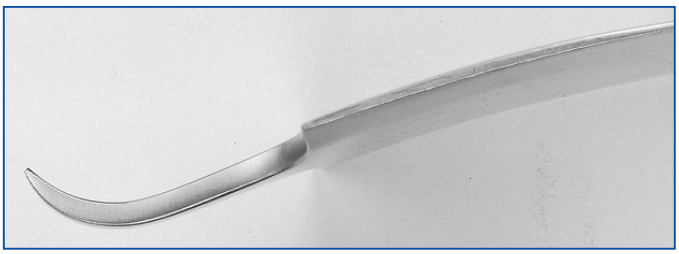
UT 2612-01-22



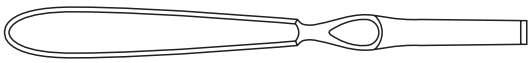
UT 2612-02-24



UT 2612-04-24

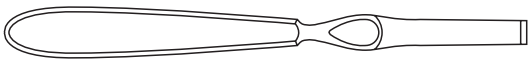


UT 2612-07-24



| Länge in mm *length in mm* | Länge in inch *length in inch* | Blattbreite in mm *width of lever in mm* | Breite/Spitze in mm *width of tip in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|
| **Knochenhebel** ***Bone lever*** **Hohmann-Aldinger** ***Hohmann-Aldinger*** | | | | | |
| 270 | 10 5/8 | 24 | 4 | | **UT 2622-27** |
| **Knochenhebel** ***Bone lever*** **Verbrugge-Müller** ***Verbrugge-Mueller*** | | | | | |
| 240 | 9 1/2 | 44 | 4 | | **UT 2631-24** |
| 255 | 10 | 65 | 4 | | **UT 2631-26** |
| **Knochenhebel zur Beckenspanentnahme** ***Bone lever for grafting from the illiac chrest*** | | | | | |
| 350 | 13 3/4 | 75 | 10 | 50 | **UT 2641-35** |

# Knochenhebel
*Bone levers*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Blattbreite in mm *width of lever in mm* | Breite/Spitze in mm *width of tip in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|
| 260 | 10 1/4 | 25 | 11 | | **UT 2646-26** |

**Knochenhebel**
***Bone lever***



| | | | | | |
|---|---|---|---|---|---|
| 180 | 7 | 33 | 15 | 135 | **UT 2652-18** |

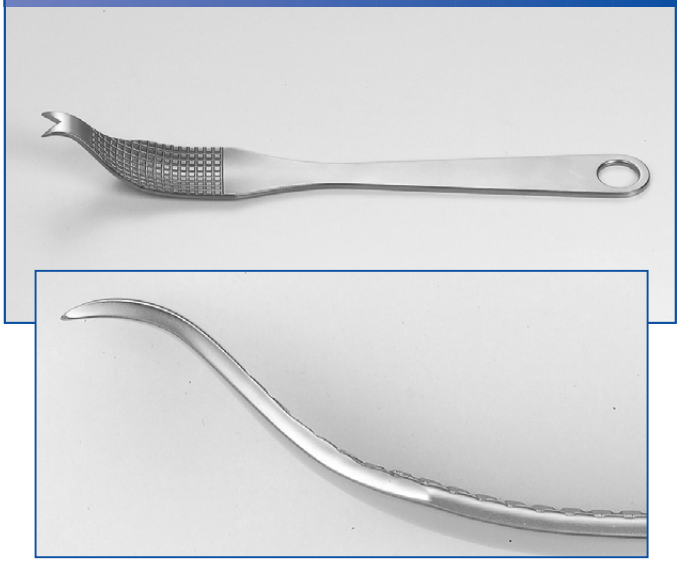
**Knochenhebel** **Matzen**
***Bone lever*** ***Matzen***

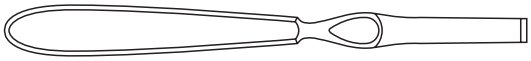


| | | | | | |
|---|---|---|---|---|---|
| 290 | 11 1/2 | 35 | 18 | | **UT 2661-29** |

**Besonderheiten / *specification***
Unterseite gerieft / *serrated on reverse side*

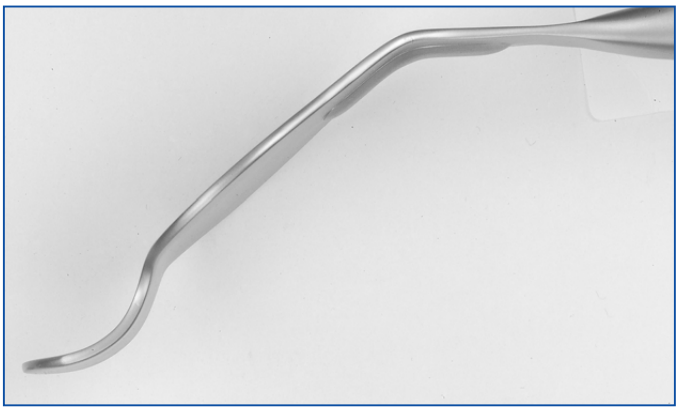
**Knochenhebel** **Schumacher**
***Bone lever*** ***Schumacher***





| | Länge in mm *length in mm* | Länge in inch *length in inch* | Blattbreite in mm *width of lever in mm* | Breite/Spitze in mm *width of tip in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|
| **Knochenhebel** ***Bone lever*** **Schumacher, modifiziert nach Wagner** ***Schumacher, modified acc. to Wagner*** | 345 | 13 1/2 | 37 | 18 | | **UT 2662-35** |
| **Knochenhebel** ***Bone lever*** **Bennett** ***Bennett*** | 235 | 9 1/4 | 65 | 25 | 55 | **UT 2671-24** |





Detailabbildungen / *details*
Maßstab / *scale* 2/3

UT 2671-24

# Knochenhebel
*Bone levers*

| Knochenhebel<br>*Bone lever* | Murphy-Lane<br>*Murphy-Lane* |
|---|---|

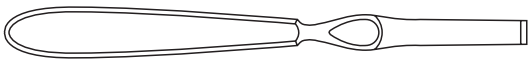




| Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | Blattbreite in mm<br>*width of lever in mm* | Breite/Spitze in mm<br>*width of tip in mm* | Tiefe in mm<br>*depth in mm* | **Artikel-Nr.**<br>***product no.*** |
|---|---|---|---|---|---|
| 300 | 11 7/8 | 18 / 30 | | | **UT 2680-30** |

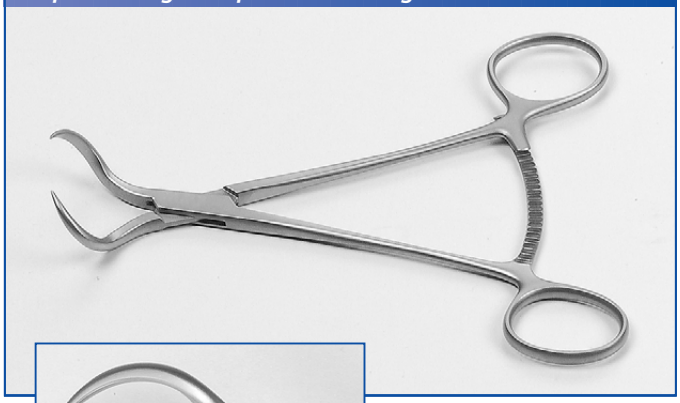
**Besonderheiten / *specification***

doppelendig, Unterseite gerieft / *two working tips, serrated on reverse side*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Kleinfragmentrepositionszange**
***Repositioning forceps for small fragments***





| | | | | | | |
|---|---|---|---|---|---|---|
| 135 | 5 1/4 | | | | • | **UT 2711-14** |

**Besonderheiten / *specification***
45° gewinkelt / *angled 45°*

**Repositionszange** **Streli**
***Repositioning forceps*** ***Streli***

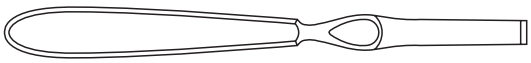




| | | | | | | |
|---|---|---|---|---|---|---|
| 150 | 6 | | | | • | **UT 2721-15** |

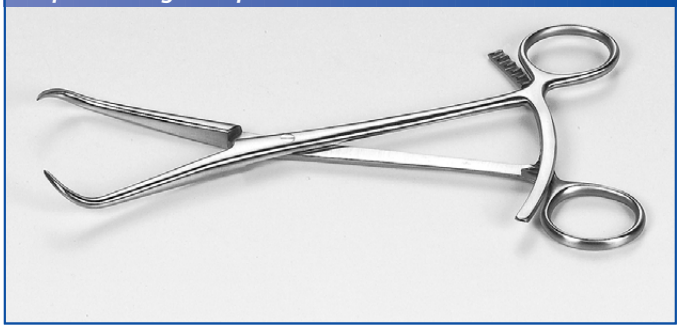
**Besonderheiten / *specification***
60° gewinkelt, Repositionsweite 9–30 mm / *angled 60°, reduction width from 9–30 mm*

# Knochenfasszangen
*Bone holding forceps*



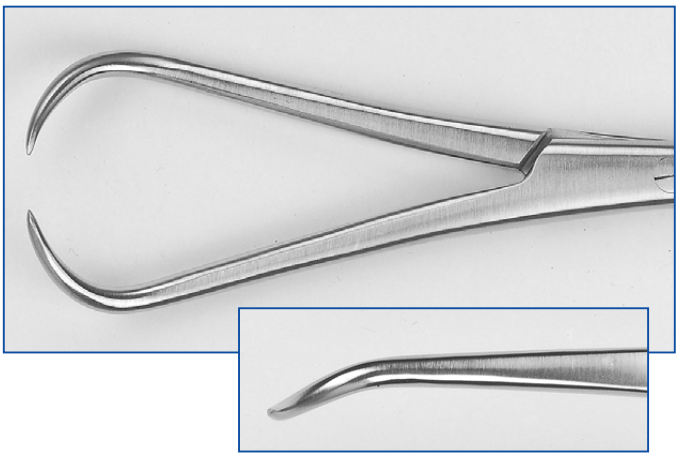
| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Repositionszange**
***Repositioning forceps***

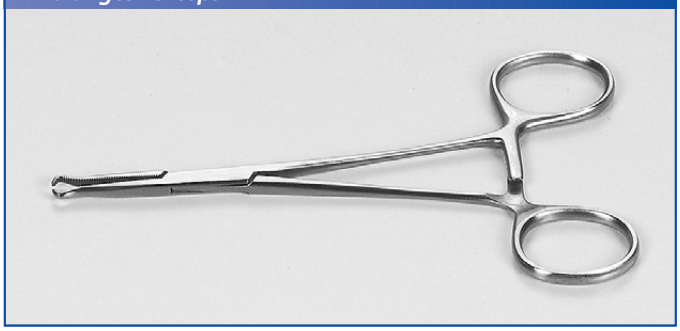


| | | | | | | |
|---|---|---|---|---|---|---|
| 205 | 8 | | | | • | **UT 2731-21** |

**Besonderheiten / *specification***
35° gewinkelt / *angled 35°*

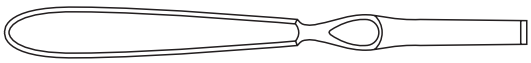


**Phalangenfasszange**
***Phalanges forceps***



| | | | | | | |
|---|---|---|---|---|---|---|
| 145 | 5 3/4 | | | • | | **UT 2750-15** |

**Besonderheiten / *specification***
Durchmesser innen bei geschlossenem Maul 3 mm /
*Inner diameter with closed jaws 3 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

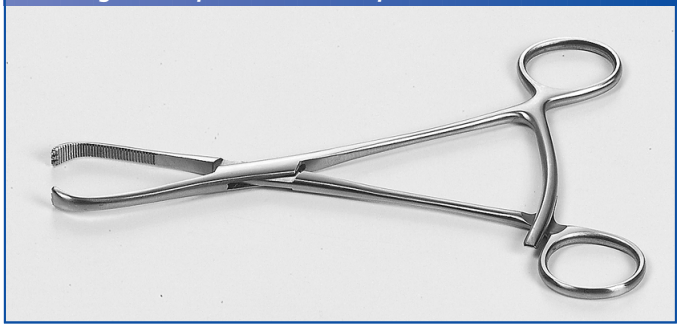
**Repositionszange Wannske**
***Repositioning forceps Wannske***



| | | | | | | |
|---|---|---|---|---|---|---|
| 165 | 6 1/2 | 5 | 6 | | | **UT 2756-17** |
| 165 | 6 1/2 | 5 | 7,7 | | | **UT 2757-17** |
| 165 | 6 1/2 | 5 | 9,5 | | | **UT 2759-17** |

**Besonderheiten / *specification***
Maul abgewinkelt / *angled jaws*

**Phalangenfasszange Hiptmair**
***Phalanges forceps Hiptmair***



| | | | | | | |
|---|---|---|---|---|---|---|
| 175 | 7 | | | • | | **UT 2760-18** |

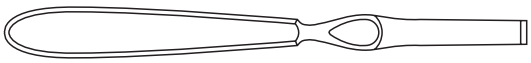
**Besonderheiten / *specification***
3 x 4 Zähne / *3 x 4 prongs*

**Repositionszange mit Zahnsperre**
***Repositioning forceps with ratchet lock***



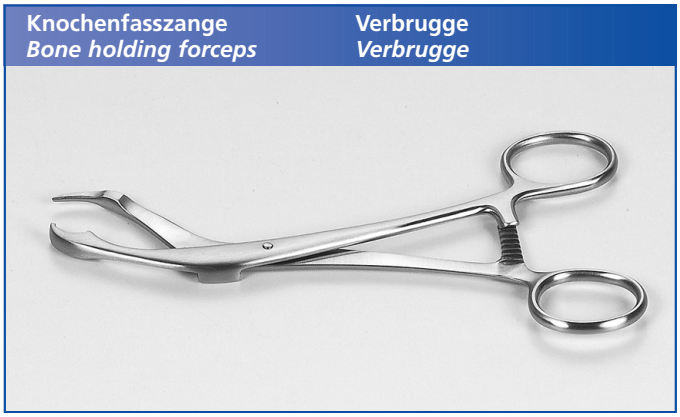
| | | | | | | |
|---|---|---|---|---|---|---|
| 140 | 5 1/2 | 2,5 | | | • | **UT 2771-14** |

# Knochenfasszangen
## *Bone holding forceps*



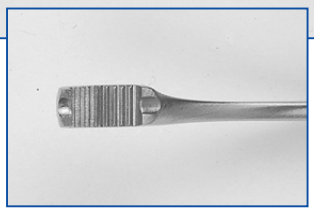
| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| **Repositionszange mit Gewindesperre** *Repositioning forceps with speedlock* | | | | | | |
| 170 | 6 3/4 | 3 | | | • | **UT 2776-17** |
| 235 | 9 1/4 | 4 | | | • | **UT 2776-24** |
| **Knochenfasszange Verbrugge** *Bone holding forceps Verbrugge* | | | | | | |
| 175 | 7 | 2/5 | | | | **UT 2781-18** |





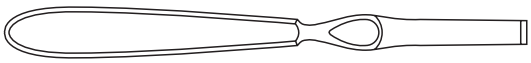
**Besonderheiten / *specification***
mit Lappenschluss / *take-off joint*



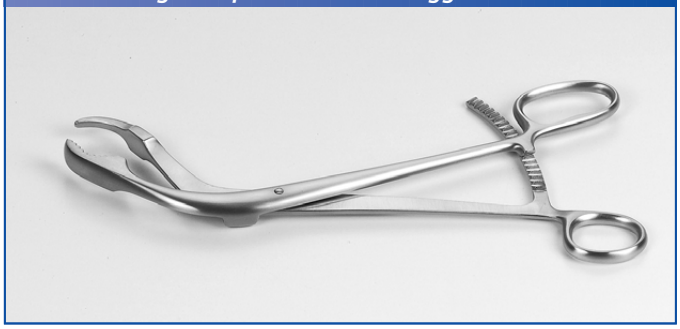


Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2781-18



| Knochenfasszange<br>*Bone holding forceps* | Verbrugge<br>*Verbrugge* |
|---|---|



| Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | Maulbreite in mm<br>*jaw width in mm* | Maullänge in mm<br>*jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.**<br>***product no.*** |
|---|---|---|---|---|---|---|
| 255 | 10 | 4 / 10 | | | | **UT 2791-25** |
| **Besonderheiten / *specification***<br>mit Lappenschluss / *take-off joint* | | | | | | |
| 265 | 10 1/2 | 4,5 / 11 | | | | **UT 2792-27** |
| **Besonderheiten / *specification***<br>mit Lappenschluss / *take-off joint* | | | | | | |
| 270 | 10 5/8 | 4,5 / 12 | | | | **UT 2793-27** |
| **Besonderheiten / *specification***<br>mit Lappenschluss / *take-off joint* | | | | | | |



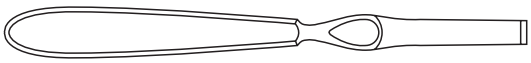
Detailabbildungen / *details*
Maßstab / *scale* 1:2

UT 2791-25

UT 2792-27

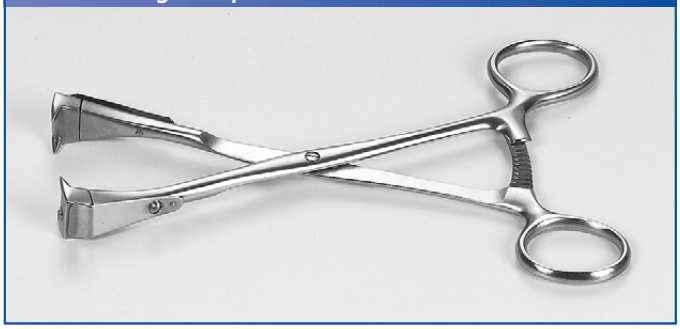
UT 2793-27

# Knochenfasszangen
## *Bone holding forceps*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Knochenfasszange** **Kirschner**
***Bone holding forceps*** ***Kirschner***



| | | | | | | |
|---|---|---|---|---|---|---|
| 180 | 7 | 16 | | • | | **UT 2800-18** |

**Besonderheiten / *specification***
bewegliches Maulteil, 2 x 2 Zähne / *adjustable jaws, 2 x 2 prongs*

**Knochenfasszange** **Kirschner**
***Bone holding forceps*** ***Kirschner***



| | | | | | | |
|---|---|---|---|---|---|---|
| 265 | 10 1/2 | 24 | | • | | **UT 2801-27** |

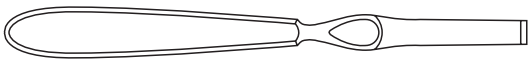
**Besonderheiten / *specification***
bewegliches Maulteil, 2 x 2 Zähne / *adjustable jaws, 2 x 2 prongs*

**Knochenfasszange** **Mendler**
***Bone holding forceps*** ***Mendler***



| | | | | | | |
|---|---|---|---|---|---|---|
| 270 | 10 5/8 | 22 | | • | | **UT 2805-27** |

**Besonderheiten / *specification***
starres Maulteil, 2 x 2 Zähne / *non-adjustable jaws, 2 x 2 prongs*



**Knochenfasszange** **Ulrich**
***Bone holding forceps*** ***Ulrich***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| 180 | 7 | 2,5 | 11 | • | | **UT 2810-18** |
| 180 | 7 | 2,5 | 11 | | • | **UT 2811-18** |

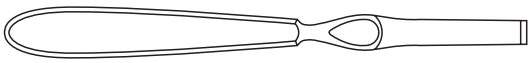


Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2810-18

UT 2811-18

# Knochenfasszangen
## *Bone holding forceps*



**Knochenfasszange Ulrich**
***Bone holding forceps Ulrich***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| 225 | 8 7/8 | 6 / 10 | 20 | • | | **UT 2821-23** |
| 245 | 9 5/8 | 6 / 10 | 26 | • | | **UT 2822-25** |
| 255 | 10 | 6 / 10 | 31 | • | | **UT 2823-26** |

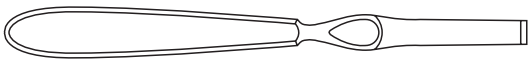


Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2821-23

UT 2822-25

UT 2823-26



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Knochenfasszange** **Ulrich**
***Bone holding forceps*** ***Ulrich***



| | | | | | | |
|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 6 / 10 | 30 | | • | **UT 2831-25** |

**Besonderheiten / *specification***
mit einem gelenkigem Maulteil, Gegenmaul einteilig /
*one adjustable jaw, one-component counterpart*

| | | | | | | |
|---|---|---|---|---|---|---|
| 245 | 9 5/8 | 6 / 30 | 30 | | • | **UT 2832-25** |

**Besonderheiten / *specification***
mit einem gelenkigem Maulteil, Gegenmaul zweiteilig /
*one adjustable jaw, two-component counterpart*

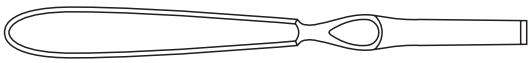


Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2831-25

UT 2832-25

# Knochenfasszangen
## *Bone holding forceps*



**Knochenhaltezange, selbstzentrierend**
***Bone grasping forceps, self-centering***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | Fig. | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|
| 145 | 5 3/4 | 3 | | | • | | **UT 2839-15** |

**Besonderheiten / *specification***
für Kleinfragmente / *for small fragments*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 190 | 7 1/2 | 2,5 / 8 | | | • | 0 | **UT 2840-19** |
| 240 | 9 1/2 | 3,5 / 10,5 | | | • | 1 | **UT 2841-24** |
| 260 | 10 1/4 | 3,5 / 11 | | | • | 2 | **UT 2842-26** |
| 280 | 11 | 4,5 / 11,5 | | | • | 3 | **UT 2843-28** |



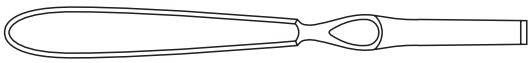
Detailabbildungen / *details*
Maßstab / *scale* 1:2

UT 2840-19

UT 2841-24

UT 2842-26

UT 2843-28

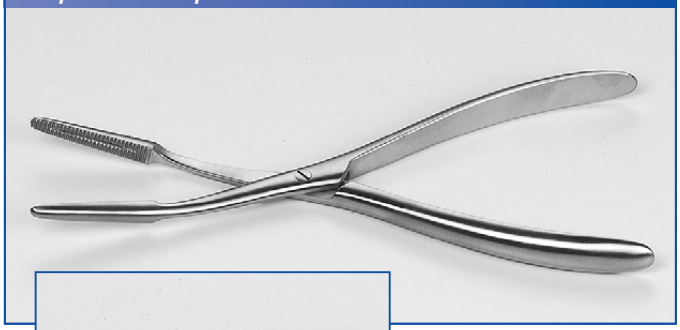


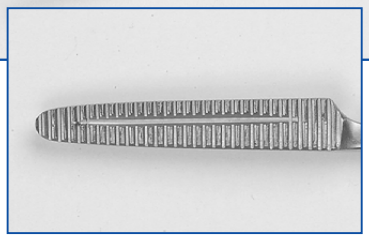
| | Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|
| **Patellafasszange** ***Patella grasping forceps*** | 185 | 7 1/4 | 8 | | • | | **UT 2850-19** |



**Besonderheiten / *specification***
2 x 2 Zähne / *2 x 2 prongs*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Sequesterzange** ***Sequester forceps*** | 200 | 7 7/8 | 6 | | • | | **UT 2860-20** |
| | 200 | 7 7/8 | 6 | | | • | **UT 2861-20** |

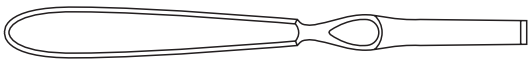




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Sequesterzange Van Buren** ***Sequester forceps Van Buren*** | 225 | 8 7/8 | 9 | | | • | **UT 2866-23** |



# Knochenfasszangen
*Bone holding forceps*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

**Knochenhaltezange**
***Bone grasping forceps***



| | | | | | | |
|---|---|---|---|---|---|---|
| 200 | 7 7/8 | 5 | | • | | **UT 2870-20** |

**Besonderheiten / *specification***
2 x 2 Zähne / *2 x 2 prongs*

**Knochenhaltezange** **Langenbeck**
***Bone grasping forceps*** ***Langenbeck***



| | | | | | | |
|---|---|---|---|---|---|---|
| 205 | 8 | 11 | | • | | **UT 2880-21** |

**Besonderheiten / *specification***
2 x 2 Zähne / *2 x 2 prongs*

**Knochenhaltezange** **Fergusson**
***Bone grasping forceps*** ***Fergusson***



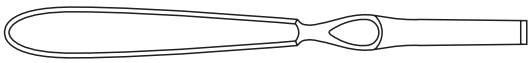
| | | | | | | |
|---|---|---|---|---|---|---|
| 205 | 8 | 12 | | • | | **UT 2890-21** |

**Besonderheiten / *specification***
2 x 4 Zähne / *2 x 4 prongs*

**Knochenhaltezange** **Semb**
***Bone grasping forceps*** ***Semb***



| | | | | | | |
|---|---|---|---|---|---|---|
| 190 | 7 1/2 | 8 | | | • | **UT 2900-19** |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

**Knochenhaltezange mit Sperre** **Semb**
***Bone grasping forceps with lock*** ***Semb***



| | | | | | | |
|---|---|---|---|---|---|---|
| 190 | 7 1/2 | 8 | | | • | **UT 2905-19** |

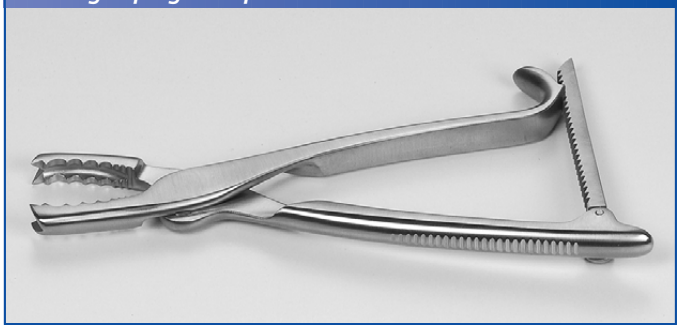
**Knochenhaltezange** **Farabeuf**
***Bone grasping forceps*** ***Farabeuf***



| | | | | | | |
|---|---|---|---|---|---|---|
| 230 | 9 | 9 | | • | | **UT 2910-23** |
| 255 | 10 | 11 | | • | | **UT 2910-26** |

**Besonderheiten / *specification***
Schluss verstellbar / *adjustable joint*

**Knochenhaltezange mit Sperre** **Farabeuf-Lambotte**
***Bone grasping forceps with lock*** ***Farabeuf-Lambotte***



| | | | | | | |
|---|---|---|---|---|---|---|
| 255 | 10 | 11 | | • | | **UT 2915-26** |

**Besonderheiten / *specification***
Schluss verstellbar / *adjustable joint*

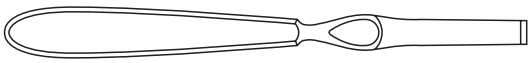
**Knochenhaltezange mit Sperre** **Lambotte**
***Bone grasping forceps with lock*** ***Lambotte***



| | | | | | | |
|---|---|---|---|---|---|---|
| 265 | 10 1/2 | 10 | | • | | **UT 2920-27** |

**Besonderheiten / *specification***
Schluss verstellbar, ein Maulteil beweglich / *adjustable joint, one jaw adjustable*

# Knochenfasszangen
# *Bone holding forceps*



**Knochenhaltezange mit Sperre Lambotte**
***Bone grasping forceps with lock Lambotte***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| 220 | 8 3/4 | 10 | | • | | **UT 2930-22** |
| 260 | 10 1/4 | 13 | | • | | **UT 2931-26** |
| 330 | 13 | 16 | | • | | **UT 2932-33** |

**Besonderheiten / *specification***
ein Maulteil beweglich / *one jaw adjustable*

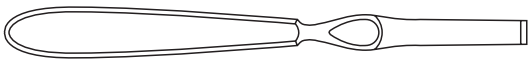


Detailabbildungen / *details*
Maßstab / *scale* 1:2

UT 2930-22

UT 2931-26

UT 2932-33



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Knochenhaltezange mit Sperre Lambotte**
***Bone grasping forceps with lock Lambotte***



| | | | | | | |
|---|---|---|---|---|---|---|
| 215 | 8 1/2 | 14 | | | | **UT 2941-22** |

**Besonderheiten / *specification***
90° gewinkelt, Schluss verstellbar, ein Maulteil beweglich / *angled 90°, adjustable joint, one jaw adjustable*

| | | | | | | |
|---|---|---|---|---|---|---|
| 275 | 10 7/8 | 16 | | | | **UT 2942-28** |

**Besonderheiten / *specification***
90° gewinkelt, ein Maulteil beweglich / *angled 90°, one jaw adjustable*

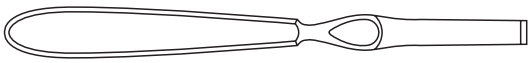


Detailabbildungen / *details*
Maßstab / *scale* 1:2

UT 2941-72

UT 2942-28

# Knochenfasszangen
*Bone holding forceps*

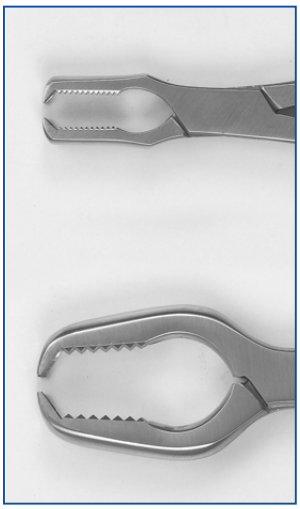


**Knochenhaltezange** **Kern-Lane**
***Bone grasping forceps*** ***Kern-Lane***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| 240 | 9 1/2 | 9 | | • | | **UT 2950-24** |
| 330 | 13 | 9 | | • | | **UT 2955-33** |

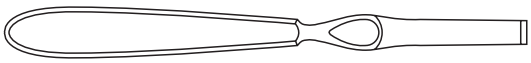
**Besonderheiten / *specification***
2 x 2 Zähne / *2 x 2 prongs*



Detailabbildungen / *details*
Maßstab / *scale* 1:2

UT 2950-24

UT 2955-33



| Länge in mm *length in mm* | Länge in inch *length in inch* | Maulbreite in mm *jaw width in mm* | Maullänge in mm jaw *length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Knochenhaltezange mit Sperre Kern-Mini**
***Bone grasping forceps with lock Kern-Mini***



| | | | | | | |
|---|---|---|---|---|---|---|
| 155 | 6 1/8 | 7,5 | | • | | **UT 2960-17** |
| 240 | 9 1/2 | 9 | | • | | **UT 2960-24** |

**Besonderheiten / *specification***
2 x 2 Zähne / *2 x 2 prongs*

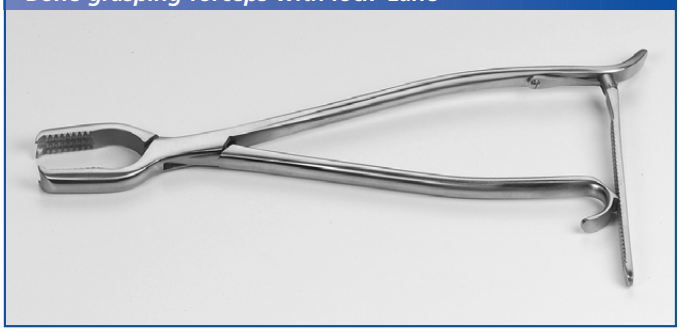


Detailabbildungen / *details*
Maßstab / *scale* 1:1

UT 2960-17

UT 2960-24

**Knochenhaltezange mit Sperre Lane**
***Bone grasping forceps with lock Lane***

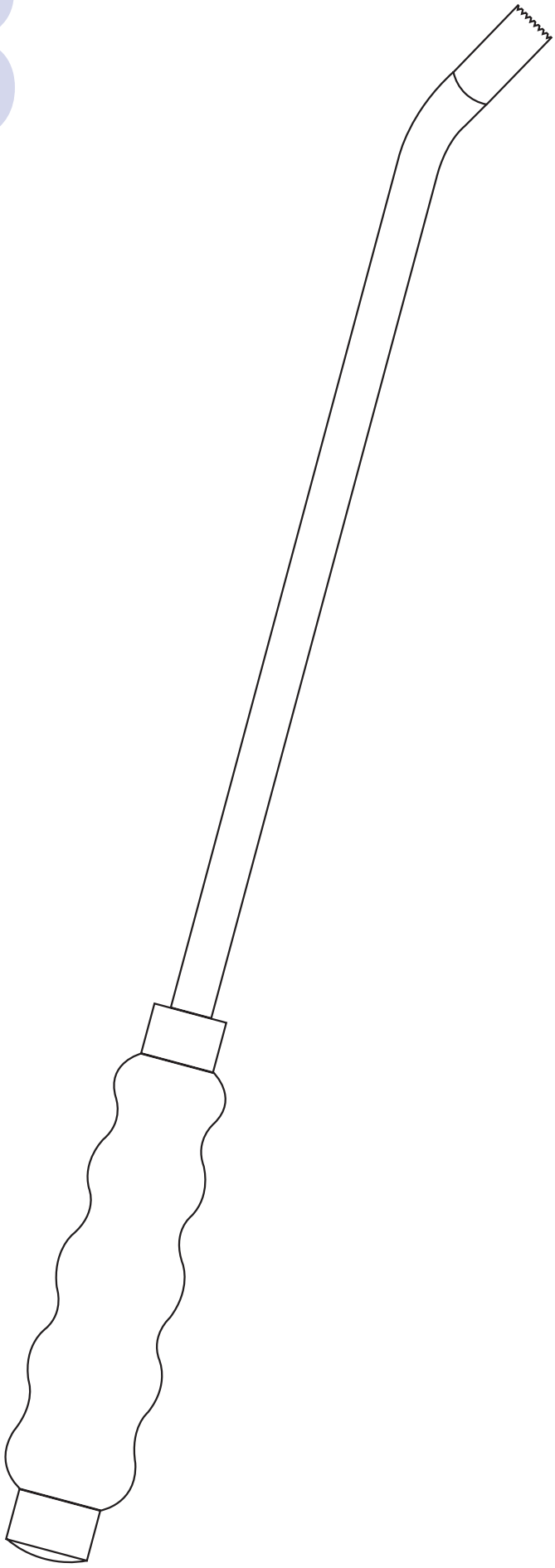


| | | | | | | |
|---|---|---|---|---|---|---|
| 320 | 12 5/8 | 13 | | • | | **UT 2965-32** |

**Besonderheiten / *specification***
2 x 2 Zähne / *2 x 2 prongs*

# 2.5

# 3




Meßinstrumente, Diagnostik
Tourniquet, Extension
Cerclagedrähte und -instrumente
*Measuring and diagnostic devices*
*tourniquet, extension*
*wire and instruments for cerclage*

Dissektoren, Elevatorien
Raspatorien, Knochenhebel
Knochenfasszangen
*Dissectors, elevators*
*raspatories, bone levers*
*bone holding forceps*

**Meißel, Stößel**
**Hämmer, Gipsinstrumente**
***Chisels / osteotomes, tampers***
***mallets, plaster instruments***

Knochensplitterzangen, Hohlmeißel-
zangen, Rongeure, Knochenstanzen
Knochenfräsen, Biopsiekanülen
*Bone cutting forceps, bone rongeurs,*
*rongeurs, punches, cutters*
*biopsy cannulas*

Küretten, scharfe Löffel
Knochenfeilen
*Curettes, spoon curettes*
*bone files*

Kopfchirurgie
Schulterchirurgie
*Cranial surgery*
*Shoulder surgery*

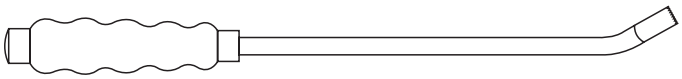
Hand- und Fußchirurgie
*Hand and foot surgery*

Becken-, Extremitäten- und
Kniechirurgie
*Pelvis, extremities and*
*knee surgery*

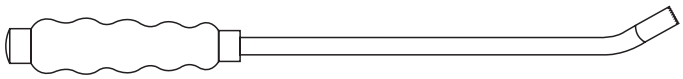
Plastische Chirurgie
*Plastic surgery*

Stichwortverzeichnis
*Index*

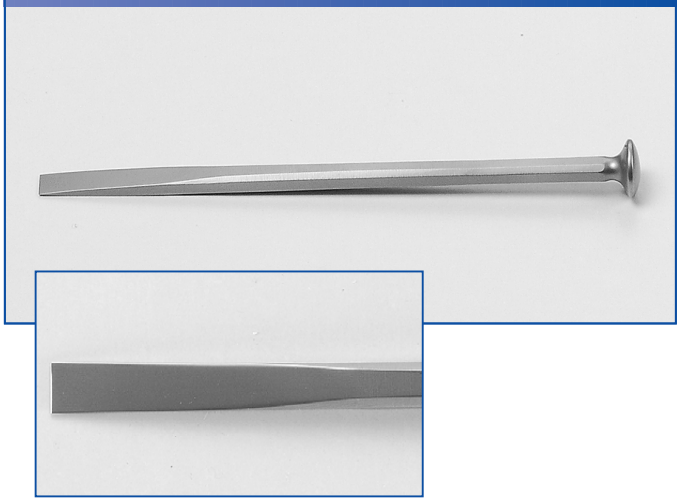
# Meißel
## *Chisels / osteotomes*

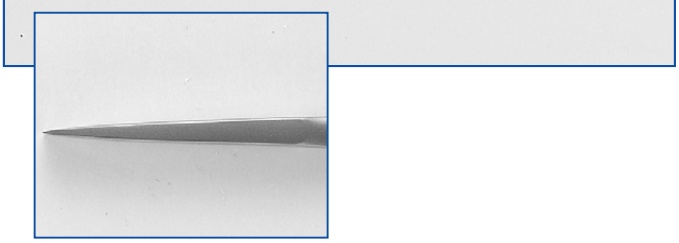


| | | Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Septumflachmeißel** ***Septum chisel, flat*** | **Freer** ***Freer*** | 160 | 6 1/4 | • | | 4 | **UT 3000-16** |
| | | 160 | 6 1/4 | | • | 4 | **UT 3001-16** |
| **Septumhohlmeißel** ***Septum gouge*** | **Freer** ***Freer*** | 150 | 6 | • | | 6 | **UT 3005-15** |
| **Osteophytenmeißel** ***Chisel for osteophytes*** | **Kraemer** ***Kraemer*** | 215 | 8 1/2 | • | | 2,5 | **UT 3010-22** |

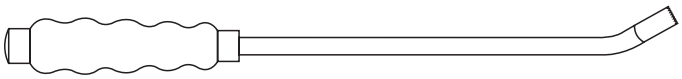


| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|
| **Osteotom** ***Osteotome*** **Gillies** ***Gillies*** | | | | | |
| 140 | 5 ½ | • | | 5 | **UT 3015-14** |
| 140 | 5 ½ | • | | 7 | **UT 3017-14** |
| 140 | 5 ½ | • | | 9 | **UT 3019-14** |
| **Osteotom** ***Osteotome*** **Partsch** ***Partsch*** | | | | | |
| 140 | 5½ | • | | 4 | **UT 3020-04-140** |
| 140 | 5½ | • | | 6 | **UT 3020-06-140** |
| 140 | 5½ | • | | 8 | **UT 3020-08-140** |
| 140 | 5½ | • | | 10 | **UT 3020-10-140** |
| 140 | 5½ | • | | 12 | **UT 3020-12-140** |

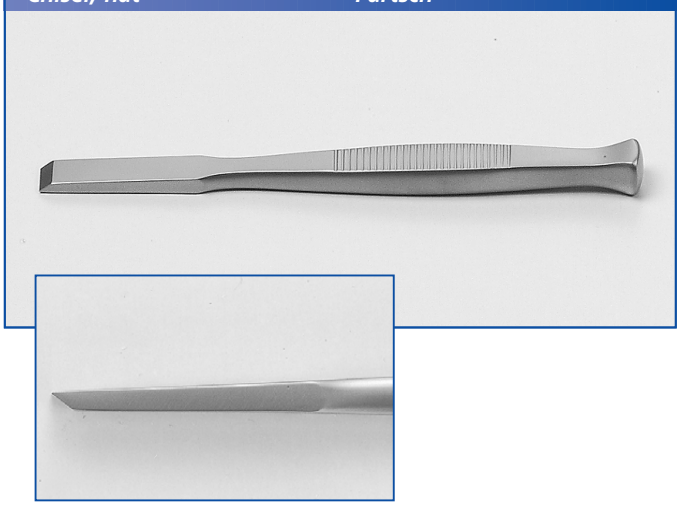


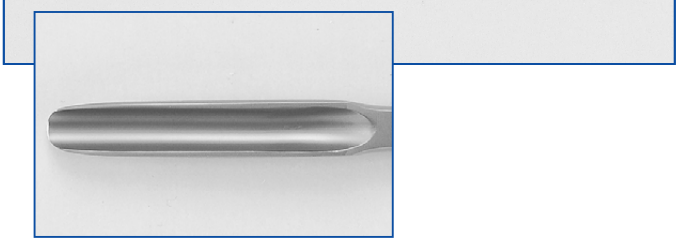


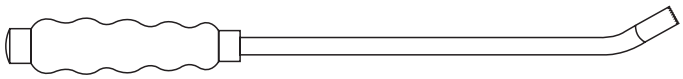
# Meißel
## *Chisels / osteotomes*



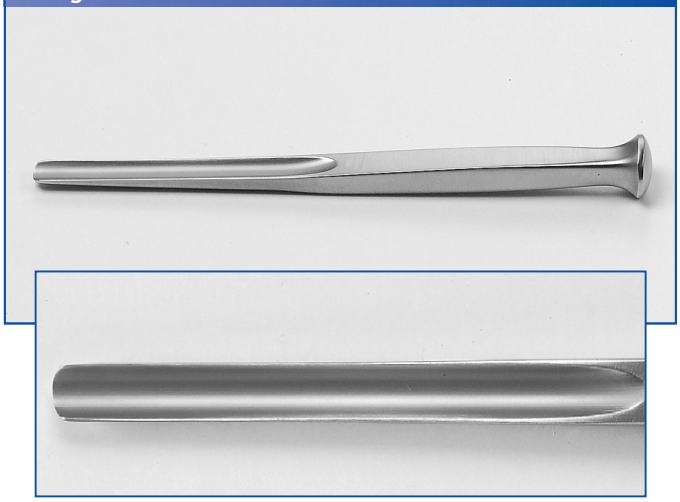
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| **Flachmeißel *Chisel, flat*** **Partsch *Partsch*** | | | | | |
| 140 | 5½ | • | | 4 | **UT 3025-04-140** |
| 140 | 5½ | • | | 6 | **UT 3025-06-140** |
| 140 | 5½ | • | | 8 | **UT 3025-08-140** |
| 140 | 5½ | • | | 10 | **UT 3025-10-140** |
| 140 | 5½ | • | | 12 | **UT 3025-12-140** |
| **Hohlmeißel *Gouge*** **Partsch *Partsch*** | | | | | |
| 140 | 5½ | • | | 4 | **UT 3030-04-140** |
| 140 | 5½ | • | | 6 | **UT 3030-06-140** |
| 140 | 5½ | • | | 8 | **UT 3030-08-140** |
| 140 | 5½ | • | | 10 | **UT 3030-10-140** |
| 140 | 5½ | • | | 12 | **UT 3030-12-140** |



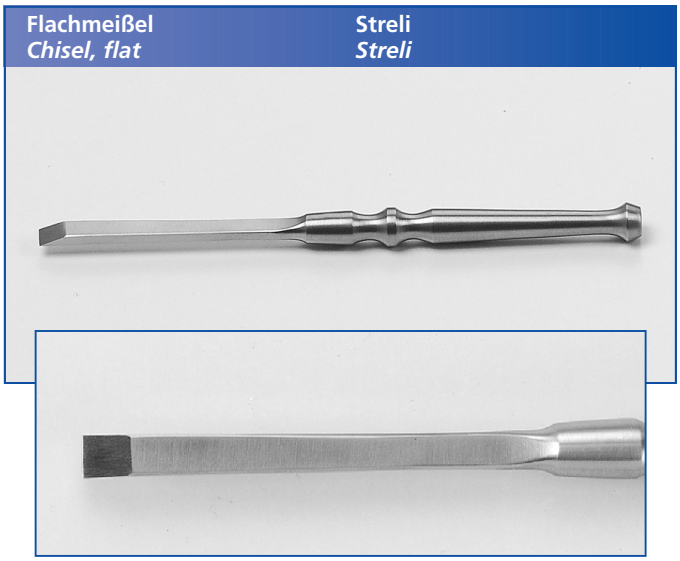




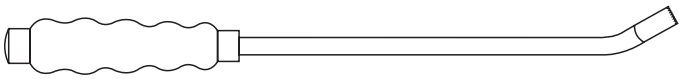
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|
| **Hohlmeißel** ***Gouge*** **Alexander** ***Alexander*** | | | | | |
| 170 | 6 3/4 | • | | 5 | **UT 3040-05-170** |
| 170 | 6 3/4 | • | | 7 | **UT 3040-07-170** |
| 170 | 6 3/4 | • | | 9 | **UT 3040-09-170** |
| 170 | 6 3/4 | • | | 11 | **UT 3040-11-170** |



| | | | | | |
|---|---|---|---|---|---|
| **Flachmeißel** ***Chisel, flat*** **Streli** ***Streli*** | | | | | |
| 150 | 6 | • | | 2 | **UT 3060-02-150** |
| 150 | 6 | • | | 3 | **UT 3060-03-150** |
| 150 | 6 | • | | 4 | **UT 3060-04-150** |
| 150 | 6 | • | | 5 | **UT 3060-05-150** |
| 150 | 6 | • | | 6 | **UT 3060-06-150** |
| 150 | 6 | • | | 8 | **UT 3060-08-150** |
| 150 | 6 | • | | 10 | **UT 3060-10-150** |
| 150 | 6 | • | | 12 | **UT 3060-12-150** |

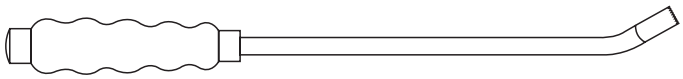


# Meißel
## *Chisels / osteotomes*



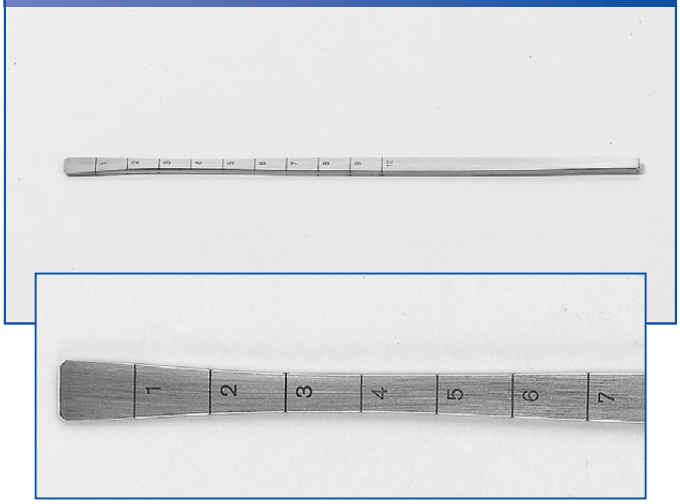
| | Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | Artikel-Nr. *product no.* |
|---|---|---|---|---|---|---|
| **Hohlmeißel** *Gouge* — **Streli** *Streli* | | | | | | |
| | 150 | 6 | • | | 4 | **UT 3070-04-150** |
| | 150 | 6 | • | | 6 | **UT 3070-06-150** |
| | 150 | 6 | • | | 9 | **UT 3070-09-150** |
| | 150 | 6 | • | | 12 | **UT 3070-12-150** |
| **Septumosteotom** *Septum osteotome* — **Cottle** *Cottle* | | | | | | |
| | 180 | 7 | • | | 4 | **UT 3080-04-180** |
| | 180 | 7 | • | | 6 | **UT 3080-06-180** |
| | 180 | 7 | • | | 8 | **UT 3080-08-180** |
| | 180 | 7 | • | | 10 | **UT 3080-10-180** |
| | 180 | 7 | • | | 12 | **UT 3080-12-180** |

**Besonderheiten / *specification***
mit Graduierung 10 mm / *with increments 10 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|

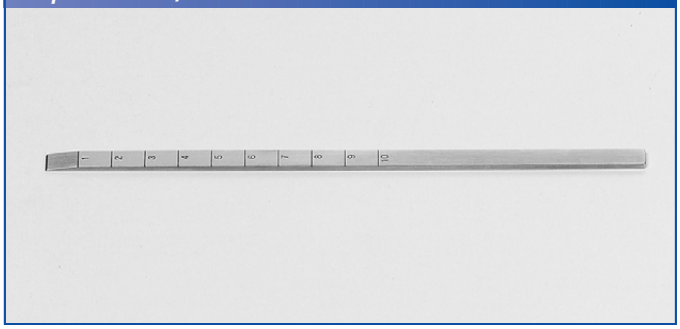
**Fischschwanzosteotom** — **Cottle**
***Fish tail osteotome*** — ***Cottle***



| | | | | | |
|---|---|---|---|---|---|
| 180 | 7 | • | | 8 | **UT 3081-08-180** |

**Besonderheiten / *specification***
mit Graduierung 10 mm / *with increments 10 mm*

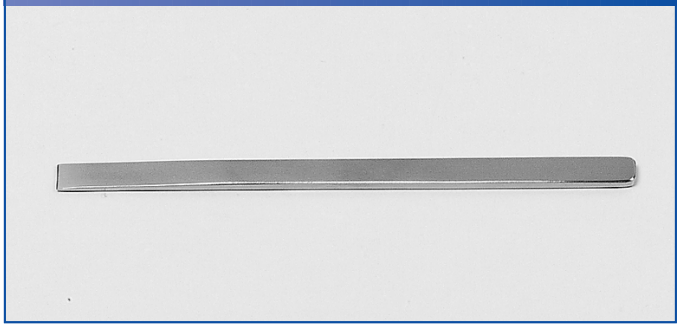
**Septumflachmeißel** — **Cottle**
***Septum chisel, flat*** — ***Cottle***



| | | | | | |
|---|---|---|---|---|---|
| 180 | 7 | • | | 4 | **UT 3085-04-180** |
| 180 | 7 | • | | 7 | **UT 3085-07-180** |
| 180 | 7 | • | | 9 | **UT 3085-09-180** |
| 180 | 7 | • | | 12 | **UT 3085-12-180** |

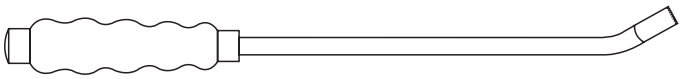
**Besonderheiten / *specification***
mit Graduierung 10 mm / *with increments 10 mm*

**Osteotom** — **Lambotte-Mini**
***Osteotome*** — ***Lambotte-Mini***



| | | | | | |
|---|---|---|---|---|---|
| 125 | 5 | • | | 2 | **UT 3090-02-125** |
| 125 | 5 | • | | 3 | **UT 3090-03-125** |
| 125 | 5 | • | | 4 | **UT 3090-04-125** |
| 125 | 5 | • | | 5 | **UT 3090-05-125** |
| 125 | 5 | • | | 6 | **UT 3090-06-125** |
| 125 | 5 | • | | 7 | **UT 3090-07-125** |
| 125 | 5 | • | | 8 | **UT 3090-08-125** |
| 125 | 5 | • | | 9 | **UT 3090-09-125** |
| 125 | 5 | • | | 10 | **UT 3090-10-125** |
| 125 | 5 | • | | 11 | **UT 3090-11-125** |
| 125 | 5 | • | | 12 | **UT 3090-12-125** |
| 125 | 5 | • | | 15 | **UT 3090-15-125** |

# Meißel
## *Chisels / osteotomes*



**Osteotom Lambotte**
***Osteotome Lambotte***



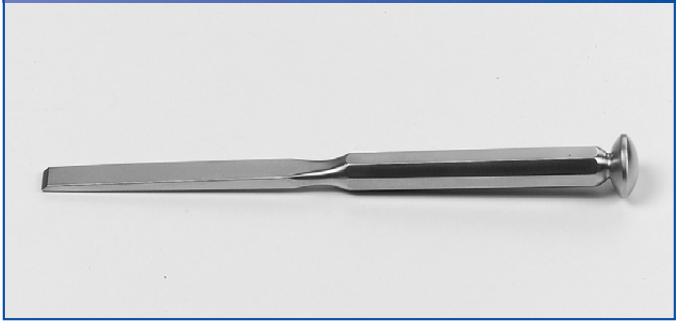
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|
| 240 | 9 1/2 | • | | 4 | **UT 3100-04-240** |
| 240 | 9 1/2 | • | | 8 | **UT 3100-08-240** |
| 300 | 11 7/8 | • | | 8 | **UT 3100-08-300** |
| 240 | 9 1/2 | • | | 10 | **UT 3100-10-240** |
| 240 | 9 1/2 | • | | 12 | **UT 3100-12-240** |
| 300 | 11 7/8 | • | | 12 | **UT 3100-12-300** |
| 240 | 9 1/2 | • | | 15 | **UT 3100-15-240** |
| 300 | 11 7/8 | • | | 15 | **UT 3100-15-300** |
| 240 | 9 1/2 | • | | 18 | **UT 3100-18-240** |
| 240 | 9 1/2 | • | | 20 | **UT 3100-20-240** |
| 240 | 9 1/2 | • | | 25 | **UT 3100-25-240** |
| 240 | 9 1/2 | • | | 30 | **UT 3100-30-240** |
| 240 | 9 1/2 | • | | 38 | **UT 3100-38-240** |
| 240 | 9 1/2 | • | | 44 | **UT 3100-44-240** |
| 240 | 9 1/2 | • | | 50 | **UT 3100-50-240** |
| 230 | 9 | | • | 6 | **UT 3101-06-230** |
| 230 | 9 | | • | 8 | **UT 3101-08-230** |
| 230 | 9 | | • | 13 | **UT 3101-13-230** |
| 230 | 9 | | • | 18 | **UT 3101-18-230** |
| 230 | 9 | | • | 25 | **UT 3101-25-230** |
| 230 | 9 | | • | 30 | **UT 3101-30-230** |
| 230 | 9 | | • | 38 | **UT 3101-38-230** |

**Flachmeißel Adson**
***Chisel, flat Adson***

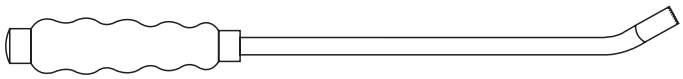


| | | | | | |
|---|---|---|---|---|---|
| 185 | 7 1/4 | • | | 13 | **UT 3110-19** |

**Flachmeißel Stille**
***Chisel, flat Stille***

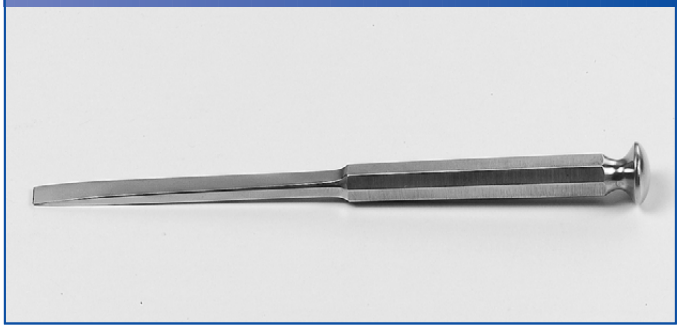


| | | | | | |
|---|---|---|---|---|---|
| 205 | 8 | • | | 10 | **UT 3120-10-205** |
| 205 | 8 | • | | 12 | **UT 3120-12-205** |
| 205 | 8 | • | | 15 | **UT 3120-15-205** |
| 205 | 8 | • | | 20 | **UT 3120-20-205** |
| 205 | 8 | • | | 25 | **UT 3120-25-205** |



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Osteotom** **Stille**
***Osteotome*** ***Stille***



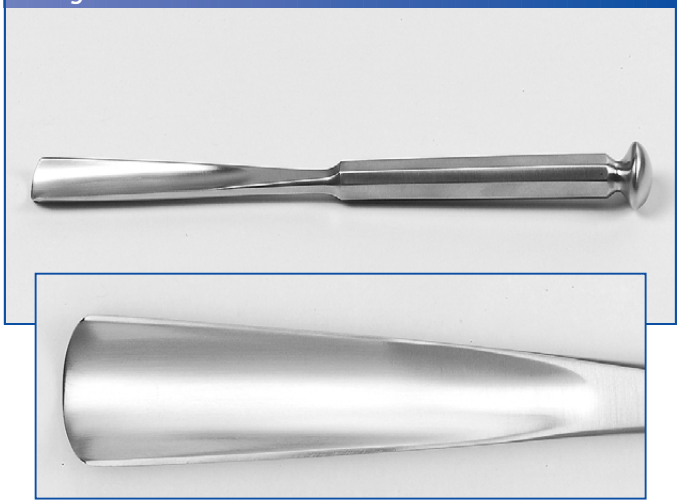
| | | | | | |
|---|---|---|---|---|---|
| 205 | 8 | • | | 8 | **UT 3125-08-205** |
| 205 | 8 | • | | 10 | **UT 3125-10-205** |
| 205 | 8 | • | | 12 | **UT 3125-12-205** |
| 205 | 8 | • | | 15 | **UT 3125-15-205** |
| 205 | 8 | • | | 20 | **UT 3125-20-205** |
| 205 | 8 | • | | 25 | **UT 3125-25-205** |

**Besonderheiten / *specification***
Schaftdicke 4 mm / *shaft thickness 4 mm*

| | | | | | |
|---|---|---|---|---|---|
| 205 | 8 | • | | 10 | **UT 3130-10-205** |
| 205 | 8 | • | | 12 | **UT 3130-12-205** |
| 205 | 8 | • | | 15 | **UT 3130-15-205** |
| 205 | 8 | • | | 20 | **UT 3130-20-205** |
| 205 | 8 | • | | 25 | **UT 3130-25-205** |
| 205 | 8 | | • | 10 | **UT 3131-10-205** |
| 205 | 8 | | • | 12 | **UT 3131-12-205** |
| 205 | 8 | | • | 15 | **UT 3131-15-205** |
| 205 | 8 | | • | 20 | **UT 3131-20-205** |
| 205 | 8 | | • | 25 | **UT 3131-25-205** |

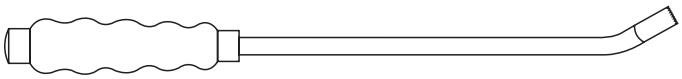
**Besonderheiten / *specification***
Schaftdicke 3 mm / *shaft thickness 3 mm*

**Hohlmeißel** **Stille**
***Gouge*** ***Stille***

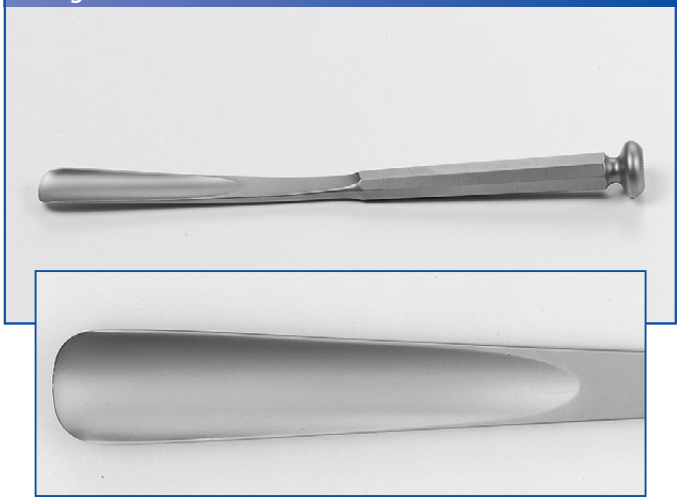


| | | | | | |
|---|---|---|---|---|---|
| 205 | 8 | • | | 10 | **UT 3135-10-205** |
| 205 | 8 | • | | 12 | **UT 3135-12-205** |
| 205 | 8 | • | | 15 | **UT 3135-15-205** |
| 205 | 8 | • | | 20 | **UT 3135-20-205** |
| 205 | 8 | • | | 25 | **UT 3135-25-205** |

# Meißel
*Chisels / osteotomes*



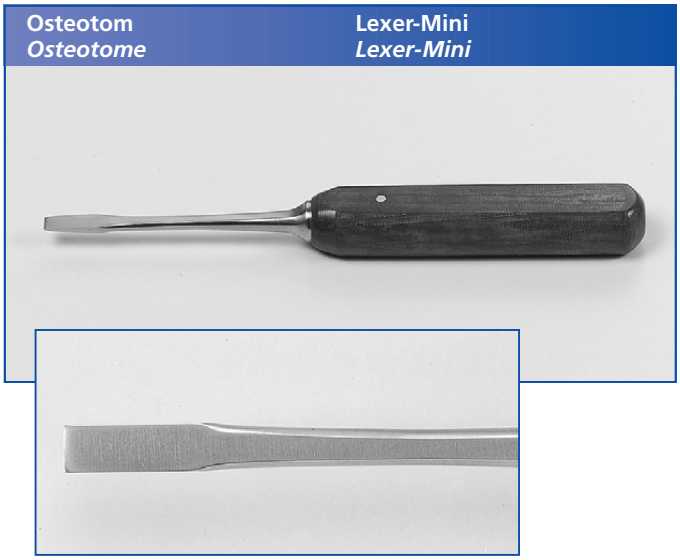
| Hohlmeißel *Gouge* | Walter *Walter* | Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | Artikel-Nr. *product no.* |
|---|---|---|---|---|---|---|---|
| | | 205 | 8 | • | | 10 | **UT 3141-10-205** |
| | | 205 | 8 | • | | 15 | **UT 3141-15-205** |



**Besonderheiten / *specification***

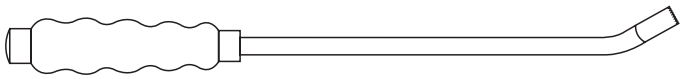
6° gewinkelt, zur Knorpelentnahme aus der Rippe / *angled 6°, to harvest cartilage from the rib*

| Osteotom *Osteotome* | Lexer-Mini *Lexer-Mini* | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 180 | 7 | • | | 4 | **UT 3150-04-180** |
| | | 180 | 7 | • | | 6 | **UT 3150-06-180** |
| | | 180 | 7 | • | | 8 | **UT 3150-08-180** |
| | | 180 | 7 | • | | 10 | **UT 3150-10-180** |
| | | 180 | 7 | • | | 12 | **UT 3150-12-180** |

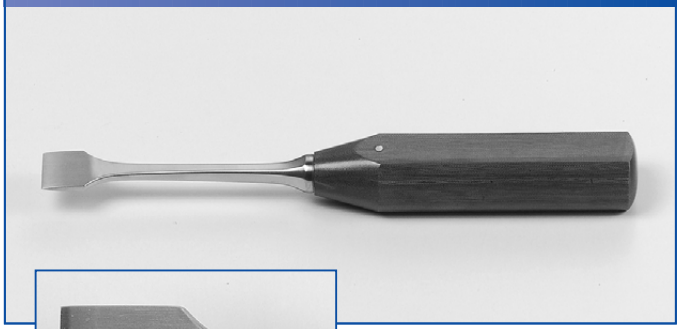


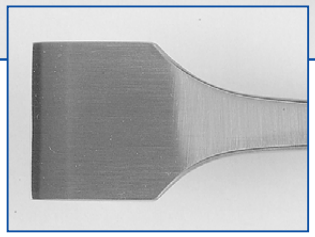
**Besonderheiten / *specification***

Griff Schichtpreßstoff / *handle moulded laminated material*



**Osteotom** **Lexer**
***Osteotome*** ***Lexer***





| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 220 | 8 3/4 | • | | 5 | **UT 3155-05-220** |
| 220 | 8 3/4 | • | | 7 | **UT 3155-07-220** |
| 220 | 8 3/4 | • | | 10 | **UT 3155-10-220** |
| 220 | 8 3/4 | • | | 12 | **UT 3155-12-220** |
| 220 | 8 3/4 | • | | 15 | **UT 3155-15-220** |
| 220 | 8 3/4 | • | | 20 | **UT 3155-20-220** |
| 220 | 8 3/4 | • | | 25 | **UT 3155-25-220** |
| 220 | 8 3/4 | • | | 30 | **UT 3155-30-220** |

**Besonderheiten / *specification***
Griff Schichtpreßstoff / *handle moulded laminated material*

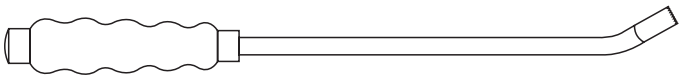
**Osteotom** **Lexer**
***Osteotome*** ***Lexer***



| | | | | | |
|---|---|---|---|---|---|
| 310 | 12 1/4 | • | | 10 | **UT 3160-10-310** |
| 370 | 14 1/2 | • | | 10 | **UT 3160-10-370** |
| 310 | 12 1/4 | • | | 15 | **UT 3160-15-310** |
| 370 | 14 1/2 | • | | 15 | **UT 3160-15-370** |
| 310 | 12 1/4 | • | | 25 | **UT 3160-25-310** |
| 370 | 14 1/2 | • | | 25 | **UT 3160-25-370** |
| 310 | 12 1/4 | | • | 10 | **UT 3161-10-310** |
| 370 | 14 1/2 | | • | 10 | **UT 3161-10-370** |
| 310 | 12 1/4 | | • | 15 | **UT 3161-15-310** |
| 370 | 14 1/2 | | • | 15 | **UT 3161-15-370** |
| 310 | 12 1/4 | | • | 25 | **UT 3161-25-310** |
| 370 | 14 1/2 | | • | 25 | **UT 3161-25-370** |

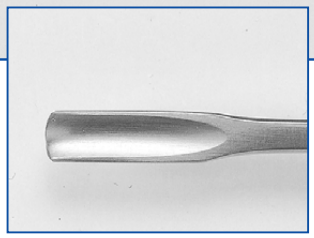
**Besonderheiten / *specification***
Griff Schichtpreßstoff / *handle moulded laminated material*

# Meißel
## *Chisels / osteotomes*



**Hohlmeißel** / *Gouge* — **Lexer-Mini** / ***Lexer-Mini***



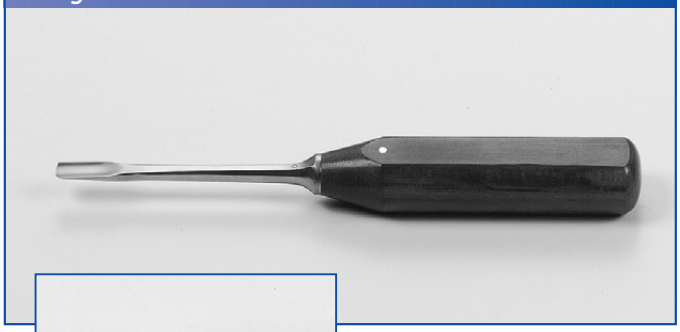


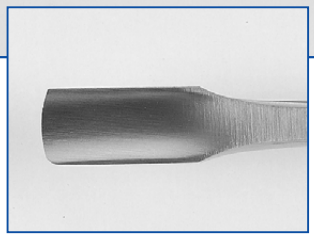
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 180 | 7 | • | | 4 | **UT 3170-04-180** |
| 180 | 7 | • | | 6 | **UT 3170-06-180** |
| 180 | 7 | • | | 8 | **UT 3170-08-180** |
| 180 | 7 | • | | 10 | **UT 3170-10-180** |
| 180 | 7 | • | | 12 | **UT 3170-12-180** |

**Besonderheiten / *specification***

Griff Schichtpreßstoff / *handle moulded laminated material*

**Hohlmeißel** / *Gouge* — **Lexer** / ***Lexer***

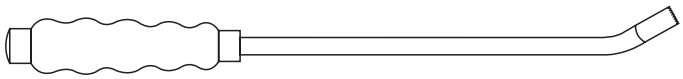




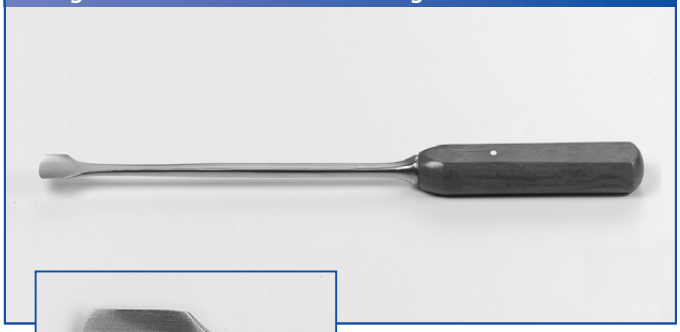
| | | | | | |
|---|---|---|---|---|---|
| 220 | 8 3/4 | • | | 5 | **UT 3180-05-220** |
| 220 | 8 3/4 | • | | 7 | **UT 3180-07-220** |
| 220 | 8 3/4 | • | | 10 | **UT 3180-10-220** |
| 220 | 8 3/4 | • | | 15 | **UT 3180-15-220** |
| 220 | 8 3/4 | • | | 20 | **UT 3180-20-220** |
| 220 | 8 3/4 | • | | 25 | **UT 3180-25-220** |
| 220 | 8 3/4 | • | | 30 | **UT 3180-30-220** |

**Besonderheiten / *specification***

Griff Schichtpreßstoff / *handle moulded laminated material*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| **Hohlmeißel** *Gouge* — **Schlegel** *Schlegel* | | | | | |
| 315 | 12 3/8 | • | | 15 | **UT 3190-15-315** |
| 315 | 12 3/8 | • | | 20 | **UT 3190-20-315** |



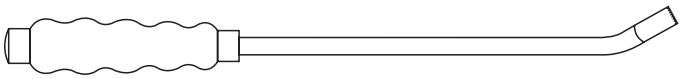
**Besonderheiten / *specification***
Griff Schichtpreßstoff / *handle moulded laminated material*

| | | | | | |
|---|---|---|---|---|---|
| **Flachmeißel** *Chisel, flat* | | | | | |
| 245 | 9 5/8 | • | | 20 | **UT 3200-20-245** |



**Besonderheiten / *specification***
Griff Schichtpreßstoff / *handle moulded laminated material*

# Meißel
## *Chisels / osteotomes*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|

### Meißelgriff für auswechselbare Klingen / *Chisel handle for removable blades*



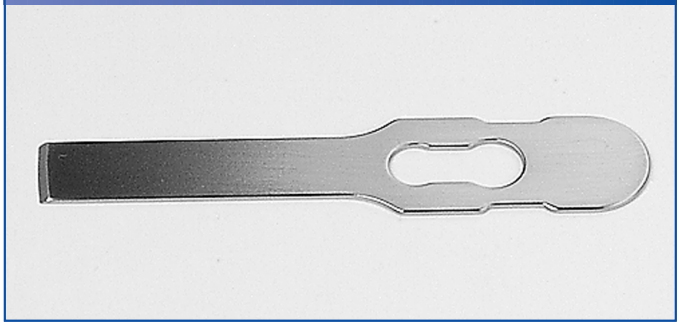
| | | | | | |
|---|---|---|---|---|---|
| 185 | 7 1/4 | • | | 22 | **UT 3205-19** |

**Besonderheiten / *specification***
Griff Schichtpreßstoff / *handle moulded laminated material*

**Schlüssel für Meißelgriff / *Key for chisel handle***

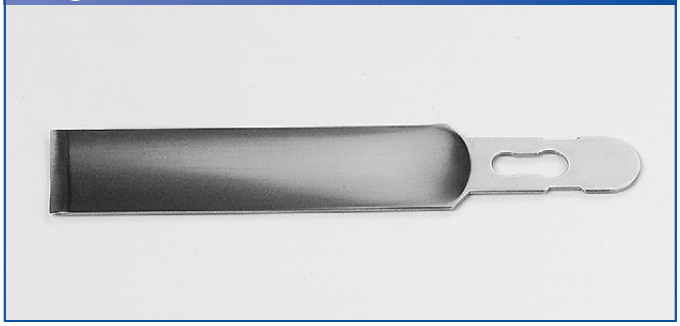
| | | | | | |
|---|---|---|---|---|---|
| 85 | 3 3/8 | • | | 50 | **UT 3206-09** |

### Flachmeißelklinge *Blade for chisel, flat*



| | | | | | |
|---|---|---|---|---|---|
| 80 | 3 1/8 | • | | 5 | **UT 3210-05-80** |
| 80 | 3 1/8 | • | | 10 | **UT 3210-10-80** |
| 80 | 3 1/8 | • | | 16 | **UT 3210-16-80** |
| 80 | 3 1/8 | • | | 25 | **UT 3210-25-80** |

### Hohlmeißelklinge *Gouge blade*



| | | | | | |
|---|---|---|---|---|---|
| 135 | 5 1/4 | • | | 25 | **UT 3211-50-135** |

**Besonderheiten / *specification***
Radius 50 mm / radius 50 mm

| | | | | | |
|---|---|---|---|---|---|
| 135 | 5 1/4 | • | | 25 | **UT 3211-60-135** |

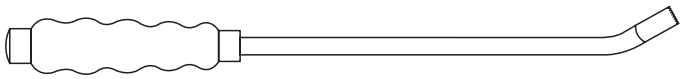
**Besonderheiten / *specification***
Radius 60 mm / radius 60 mm

| | | | | | |
|---|---|---|---|---|---|
| 135 | 5 1/4 | • | | 25 | **UT 3211-70-135** |

**Besonderheiten / *specification***
Radius 70 mm / radius 70 mm

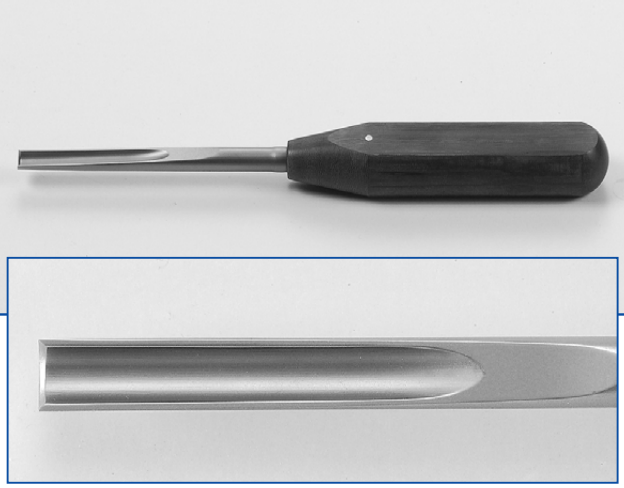
**Osteotomklinge / *Osteotome blade***

| | | | | | |
|---|---|---|---|---|---|
| 110 | 4 3/8 | • | | 25 | **UT 3212-25-110** |



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

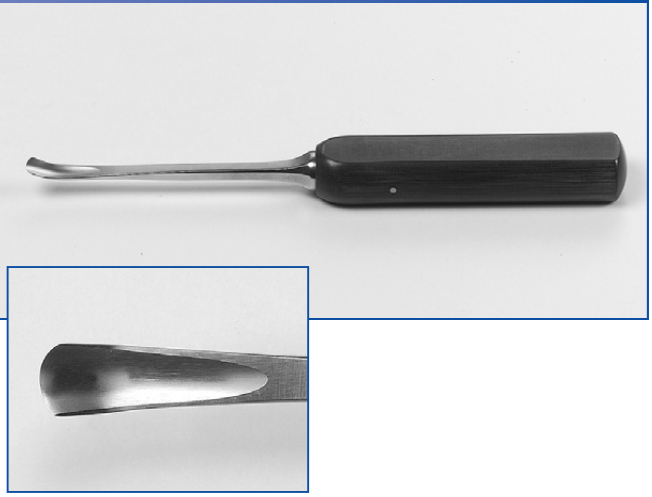
**Hohlmeißel**
***Gouge***



| | | | | | |
|---|---|---|---|---|---|
| 220 | 8 3/4 | • | | 9 | **UT 3220-22** |

**Besonderheiten / *specification***
Griff Schichtpreßstoff / *handle moulded laminated material*

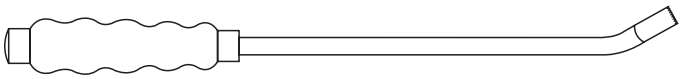
**Hohlmeißel** **Zielke**
***Gouge*** ***Zielke***



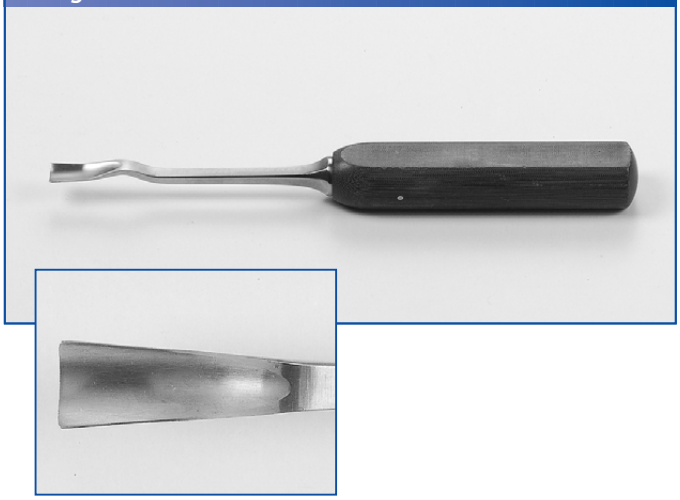
| | | | | | |
|---|---|---|---|---|---|
| 230 | 9 | | • | 6 | **UT 3231-06-230** |
| 230 | 9 | | • | 9 | **UT 3231-09-230** |

**Besonderheiten / *specification***
Griff Schichtpreßstoff / *handle moulded laminated material*

# Meißel
## *Chisels / osteotomes*



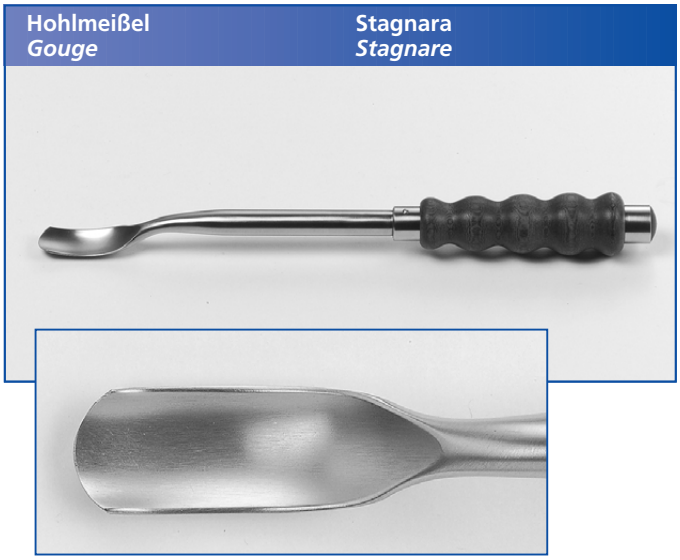
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| **Hohlmeißel *Gouge*** **Zielke *Zielke*** | | | | | |
| 230 | 9 | | • | 6 | **UT 3232-06-230** |
| 230 | 9 | | • | 8 | **UT 3232-08-230** |
| 230 | 9 | | • | 9 | **UT 3232-09-230** |
| 230 | 9 | | • | 11 | **UT 3232-11-230** |
| 230 | 9 | | • | 16 | **UT 3232-16-230** |



**Besonderheiten / *specification***

S-förmig gebogen,Griff Schichtpreßstoff / *s-shaped, handle moulded laminated material*

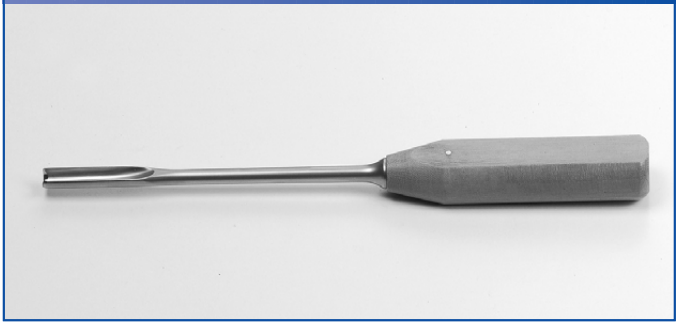
| | | | | | |
|---|---|---|---|---|---|
| **Hohlmeißel *Gouge*** **Stagnara *Stagnare*** | | | | | |
| 280 | 11 | | • | 6 | **UT 3241-06-280** |
| 280 | 11 | | • | 12 | **UT 3241-12-280** |
| 280 | 11 | | • | 16 | **UT 3241-16-280** |
| 280 | 11 | | • | 20 | **UT 3241-20-280** |
| 280 | 11 | | • | 30 | **UT 3241-30-280** |



**Besonderheiten / *specification***

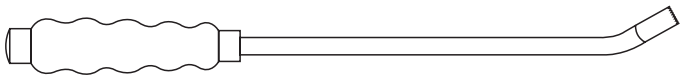
Griff Schichtpreßstoff / *handle moulded laminated material*

| | | | | | |
|---|---|---|---|---|---|
| **Spongiosahohlmeißel *Gouge for cancellous bone*** **Lexer *Lexer*** | | | | | |
| 280 | 11 | | • | 7 | **UT 3250-07-280** |
| 280 | 11 | | • | 10 | **UT 3250-10-280** |

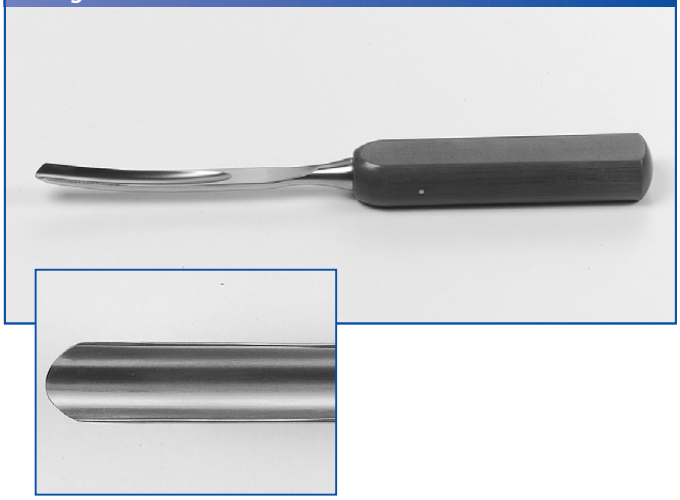


**Besonderheiten / *specification***

Griff Schichtpreßstoff / *handle moulded laminated material*

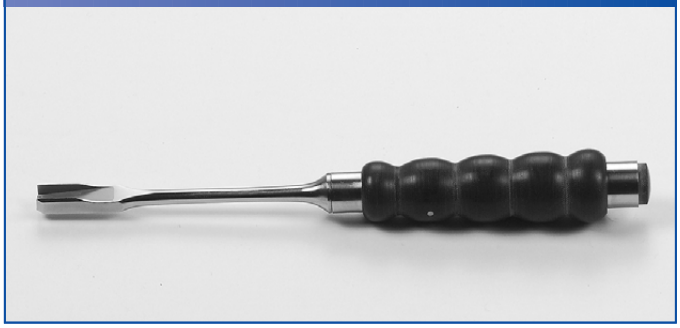


| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| **Spongiosahohlmeißel Lexer** *Gouge for cancellous bone Lexer* | | | | | |
| 250 | 9 7/8 | • | | 5 | **UT 3260-05-250** |
| 250 | 9 7/8 | • | | 10 | **UT 3260-10-250** |
| 250 | 9 7/8 | • | | 15 | **UT 3260-15-250** |
| 250 | 9 7/8 | | • | 5 | **UT 3261-05-250** |
| 250 | 9 7/8 | | • | 10 | **UT 3261-10-250** |
| 250 | 9 7/8 | | • | 15 | **UT 3261-15-250** |



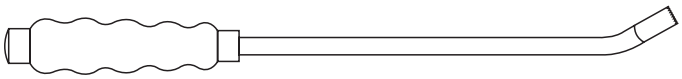
**Besonderheiten / *specification***
Griff Schichtpreßstoff / *handle moulded laminated material*

| | | | | | |
|---|---|---|---|---|---|
| **Kastenmeißel Zielke** *Box chisel Zielke* | | | | | |
| 230 | 9 | • | | 8 | **UT 3270-08-230** |
| 230 | 9 | • | | 6 | **UT 3271-06-230** |



**Besonderheiten / *specification***
Griff Schichtpreßstoff / *handle moulded laminated material*

# Meißel
*Chisels / osteotomes*



| Osteotom *Osteotome* | Benini *Benini* |
|---|---|



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Breite in mm *width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 230 | 9 | | | 3 | **UT 3281-03-230** |
| 280 | 11 | | | 3 | **UT 3281-03-280** |
| 230 | 9 | | | 5 | **UT 3281-05-230** |
| 280 | 11 | | | 5 | **UT 3281-05-280** |

**Besonderheiten / *specification***

145° gewinkelt, Griff Schichtpreßstoff / *angled 145°, handle moulded laminated material*

| | | | | | |
|---|---|---|---|---|---|
| 230 | 9 | | • | 3 | **UT 3286-03-230** |
| 280 | 11 | | • | 3 | **UT 3286-03-280** |
| 230 | 9 | | • | 5 | **UT 3286-05-230** |
| 280 | 11 | | • | 5 | **UT 3286-05-280** |

**Besonderheiten / specification**

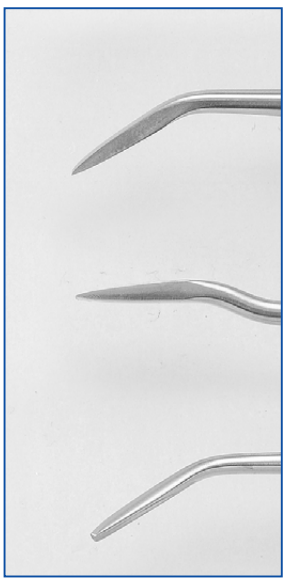
Bajonettförmig gebogen, Griff Schichtpreßstoff / *bajonett-curved, handle moulded laminated material*

**Hohlmeißel / *Gouge*** **Benini**

| | | | | | |
|---|---|---|---|---|---|
| 230 | 9 | | | 5 | **UT 3291-05-230** |
| 280 | 11 | | | 5 | **UT 3291-05-280** |

**Besonderheiten / *specification***

Griff Schichtpreßstoff / *handle moulded laminated material*



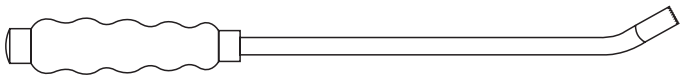
Detailabbildungen / *details*

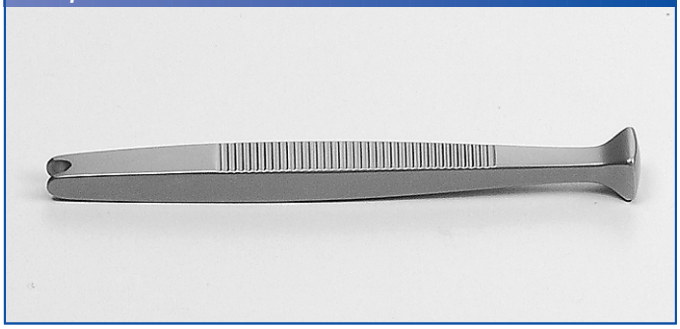
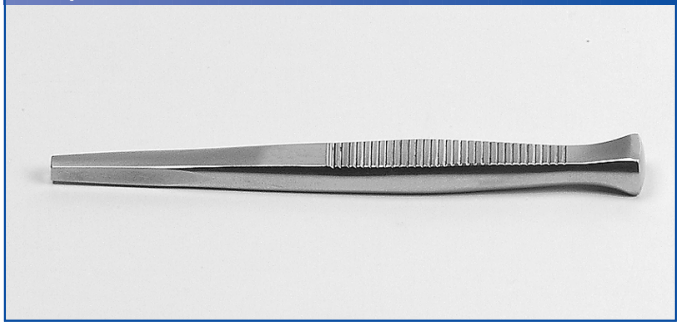
Maßstab / *scale* 1:1

UT 3281-03-230

UT 3286-03-230

UT 3291-25-230



| | Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|
| **Stößel zur Verriegelungs-Op Haase** *Tamper Haase* | | | | | | |
|  | 100 | 4 | | 5,7 | | **UT 3400-10** |
| **Blutstillungsmeißel Passow** *Tamper Passow* | | | | | | |
|  | 120 | 4 3/4 | | 2,5 | 2,5 | **UT 3403-12** |
| | 120 | 4 3/4 | | 3,5 | 3,5 | **UT 3404-12** |
| **Stopfer für Knochenspäne** *Tamper for bone chips* | | | | | | |
|  | 160 | 6 1/2 | 2 | | | **UT 3412-16** |
| | 160 | 6 1/2 | 3 | | | **UT 3413-16** |
| | 160 | 6 1/2 | 4 | | | **UT 3414-16** |
| | 160 | 6 1/2 | 5 | | | **UT 3415-16** |
| | 160 | 6 1/2 | 6 | | | **UT 3416-16** |
| | 160 | 6 1/2 | 8 | | | **UT 3418-16** |
| | 160 | 6 1/2 | 10 | | | **UT 3420-16** |
| **Stößel für Knochendübel Caspar** *Tamper for bone dowels Caspar* | | | | | | |
|  | 200 | 7 7/8 | 3 | | | **UT 3423-20** |
| | 200 | 7 7/8 | 5 | | | **UT 3425-20** |
| | 200 | 7 7/8 | 8 | | | **UT 3428-20** |

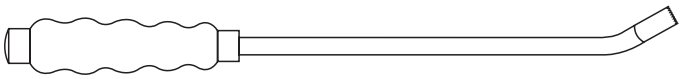
**Besonderheiten / *specification***

Spitze gerieft, Teilung 1,0 mm / *serrated tip, pitch of serration 1.0 mm*

**Besonderheiten / *specification***

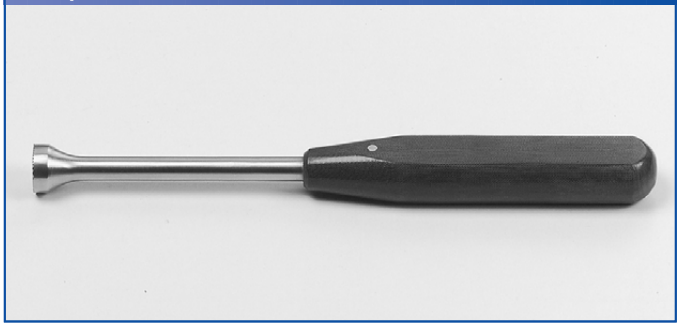
Spitze gerieft, Teilung 1,0 mm, Griff Schichtpreßstoff / *serrated tip, pitch of serration 1.0 mm, handle moulded laminated material*

# Stößel
*Tampers*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Stößel**
***Tamper***

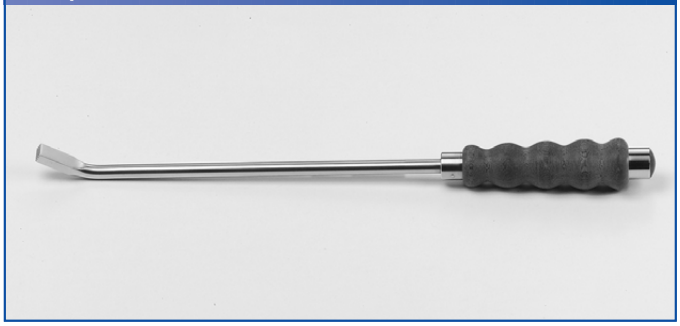


| | | | | | |
|---|---|---|---|---|---|
| 200 | 7 7/8 | 12 | | | **UT 3432-20** |
| 200 | 7 7/8 | 14 | | | **UT 3434-20** |
| 200 | 7 7/8 | 16 | | | **UT 3436-20** |

**Besonderheiten / *specification***

Spitze gerieft, Teilung 1,0 mm, Griff Schichtpreßstoff / *serrated tip, pitch of serration 1.0 mm, handle moulded laminated material*

**Stößel** **Harms**
***Tamper*** ***Harms***

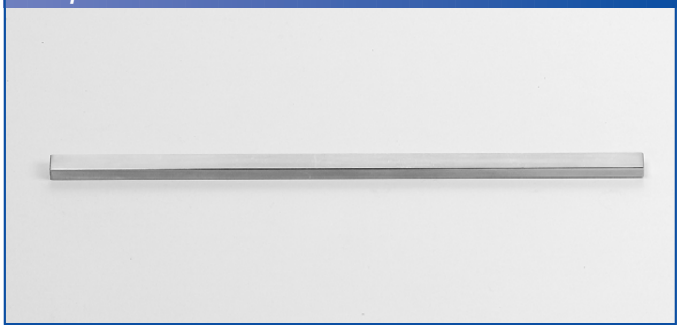


| | | | | | |
|---|---|---|---|---|---|
| 350 | 13 3/4 | | 10 | 6 | **UT 3440-06-350** |
| 350 | 13 3/4 | | 10 | 15 | **UT 3440-15-350** |
| 345 | 13 1/2 | | 10 | 6 | **UT 3441-06-345** |
| 345 | 13 1/2 | | 10 | 15 | **UT 3441-15-345** |

**Besonderheiten / *specification***

Spitze gerieft, Teilung 1,5 mm, Griff Schichtpreßstoff / *serrated tip, pitch of serration 1.5 mm, handle moulded laminated material*

**Stößel** **Zielke**
***Tamper*** ***Zielke***



| | | | | | |
|---|---|---|---|---|---|
| 165 | 6 1/2 | | 10 | 6 | **UT 3450-06-165** |
| 250 | 9 7/8 | | 10 | 6 | **UT 3450-06-250** |
| 250 | 9 7/8 | | 10 | 8 | **UT 3450-08-250** |
| 250 | 9 7/8 | | 20 | 5 | **UT 3460-05-250** |
| 250 | 9 7/8 | | 20 | 10 | **UT 3460-10-250** |

**Besonderheiten / *specification***

Spitze gerieft, Teilung 1,0 mm / *serrated tip, pitch of serration 1.0 mm*

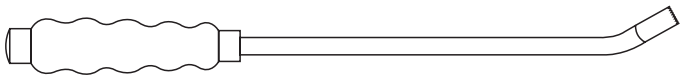
**Spongiosastößel**
***Tamper for cancellous bone***



| | | | | | |
|---|---|---|---|---|---|
| 250 | 9 7/8 | 4 | | | **UT 3470-25** |

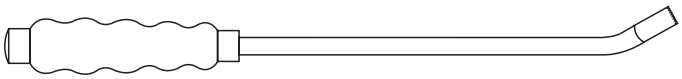
**Besonderheiten / *specification***

Griff Kunststoff / *plastic handle*



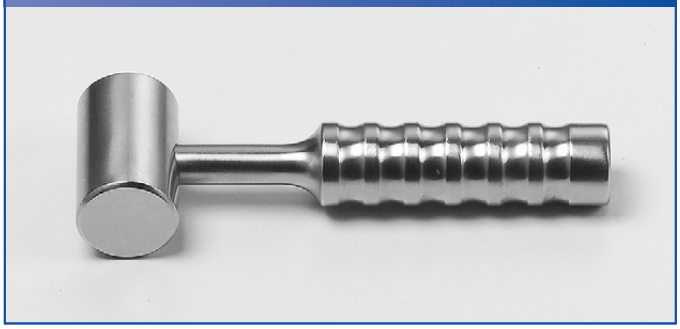
| Trichter für Spongiosastößel<br>*Funnel for cancellous bone* | Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | Ø außen in mm<br>*outer Ø in mm* | Breite in mm<br>*width in mm* | Höhe in mm<br>*height in mm* | **Artikel-Nr.**<br>***product no.*** |
|---|---|---|---|---|---|---|
|  | 110 | 4 3/8 | 5 | | 95 | **UT 3475-11** |

# Hämmer
*Mallets*



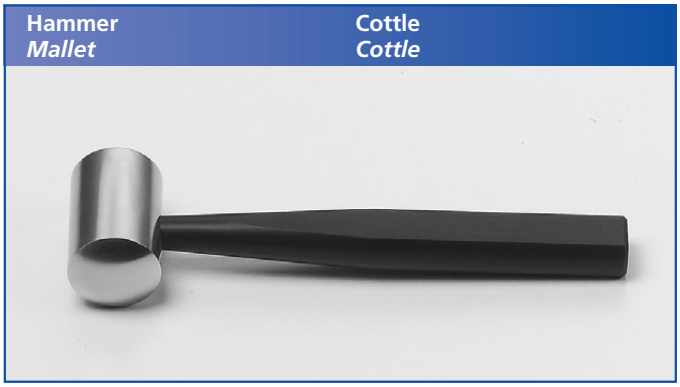
| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Tiefe in mm *depth in mm* | Kopfgewicht in g *weight of the head/g* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|

**Hammer** **Streli**
***Mallet*** ***Streli***



| | | | | | |
|---|---|---|---|---|---|
| 150 | 6 | 30 | 50 | 255 | **UT 3510-15** |

**Hammer** **Cottle**
***Mallet*** ***Cottle***



| | | | | | |
|---|---|---|---|---|---|
| 180 | 7 | 30 | 50 | 240 | **UT 3520-18** |

**Besonderheiten / *specification***
Griff Aluminium, 1 Seite flach, 1 Seite convex / *Aluminium handle, flat-convex*

**Hammer** **Heath**
***Mallet*** ***Heath***



| | | | | | |
|---|---|---|---|---|---|
| 185 | 7 1/4 | 40 | 66 | 700 | **UT 3524-19** |
| 200 | 7 7/8 | 45 | 70 | 1000 | **UT 3525-20** |

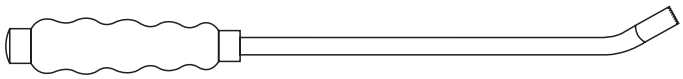
**Besonderheiten / *specification***
mit Kupferfüllung / *copper core*

**Hammer** **Fickling**
***Mallet*** ***Fickling***



| | | | | | |
|---|---|---|---|---|---|
| 190 | 7 1/2 | 16/23 | 42 | | **UT 3530-19** |

**Besonderheiten / *specification***
Gesamtgewicht 190 g / *total weight 190 g*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Tiefe in mm *depth in mm* | Kopfgewicht in g *weight of the head/g* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Hammer** **Lucae**
***Mallet*** ***Lucae***



| | | | | | |
|---|---|---|---|---|---|
| 185 | 7 1/4 | 25 | 50 | | **UT 3540-19** |

**Besonderheiten / *specification***
Gesamtgewicht 250 g / *total weight 250 g*

**Hammer** **Ulrich**
***Mallet*** ***Ulrich***



| | | | | | |
|---|---|---|---|---|---|
| 245 | 9 5/8 | | 90 | 100 | **UT 3550-25** |

**Besonderheiten / *specification***
13 x 13 mm

**Hammer** **Hajek**
***Mallet*** ***Hajek***



| | | | | | |
|---|---|---|---|---|---|
| 215 | 8 1/2 | 27 | 45 | 140 | **UT 3560-22** |

**Besonderheiten / *specification***
1 Seite flach, 1 Seite convex / *flat-convex*

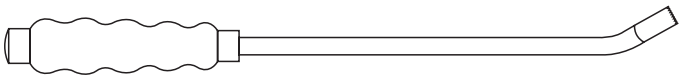
**Hammer** **Bergmann**
***Mallet*** ***Bergmann***



| | | | | | |
|---|---|---|---|---|---|
| 235 | 9 1/4 | 30 | 61 | 300 | **UT 3573-24** |

**Besonderheiten / *specification***
Griff Aluminium, 1 Seite flach, 1 Seite convex / *Aluminium handle, flat-convex*

# Hämmer
*Mallets*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Tiefe in mm *depth in mm* | Kopfgewicht in g *weight of the head/g* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|

**Hammer** **Bergmann**
***Mallet*** ***Bergmann***



| | | | | | |
|---|---|---|---|---|---|
| 245 | 9 5/8 | 45 | 61 | 300 | **UT 3575-25** |

**Besonderheiten / *specification***
Griff Aluminium / *Aluminium handle*

**Hammer**
***Mallet***



| | | | | | |
|---|---|---|---|---|---|
| 240 | 9 1/2 | 30/42 | 80 | 400 | **UT 3580-24** |

**Besonderheiten / *specification***
Griff Aluminium / *Aluminium handle*

**Hammer** **Ombredanne**
***Mallet*** ***Ombredanne***



| | | | | | |
|---|---|---|---|---|---|
| 240 | 9 1/2 | 40 | 60 | 550 | **UT 3590-24** |

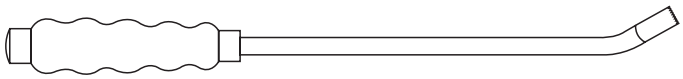
**Besonderheiten / *specification***
1 Seite flach, 1 Seite convex / *flat-convex*

**Hammer**
***Mallet***



| | | | | | |
|---|---|---|---|---|---|
| 235 | 9 1/4 | 13,5 | 94 | 425 | **UT 3595-24** |

**Besonderheiten / *specification***
27 x 27 mm, Kopf aus Implantatstahl / *27 x 27 mm, tip made of implant steel*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Tiefe in mm *depth in mm* | Kopfgewicht in g *weight of the head/g* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Hammer** **Mead**
***Mallet*** ***Mead***



| | | | | | |
|---|---|---|---|---|---|
| 170 | 6 3/4 | 25 | 58 | 185 | **UT 3610-19** |

**Besonderheiten / *specification***

Backen aus Schichtpreßstoff, Höhe 8 mm / *jaw of moulded laminated material, height 8 mm*

**Paar Ersatzbacken / *pair of spare parts***

| | | | | | |
|---|---|---|---|---|---|
| | | 23 | | | **UT 3611-02** |

**Hammer**
***Mallet***



| | | | | | |
|---|---|---|---|---|---|
| 185 | 7 1/4 | 25 | 60 | 140 | **UT 3620-19** |

**Besonderheiten / *specification***

Backen aus Kunststoff, Höhe 16 mm, Griff Schichtpreßstoff / *jaw of plastic, height 16 mm, handle moulded laminated material*

**Paar Ersatzbacken, Kunststoff / *pair of spare parts, plastic***

| | | | | | |
|---|---|---|---|---|---|
| | | 25 | | | **UT 3621-03** |

**Hammer**
***Mallet***



| | | | | | |
|---|---|---|---|---|---|
| 245 | 9 5/8 | 30 | 62 | 215 | **UT 3630-25** |

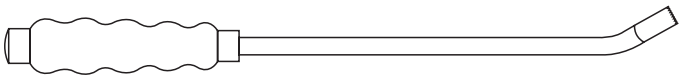
**Besonderheiten / *specification***

Backen aus Kunststoff, Höhe 19/20 mm, Griff Schichtpreßstoff, 1 Seite flach, 1 Seite convex / *jaw of plastic, height 19/20 mm, handle moulded laminated material, flat-convex*

**Paar Ersatzbacken, Kunststoff / *pair of spare parts, plastic***

| | | | | | |
|---|---|---|---|---|---|
| | | 30 | | | **UT 3631-03** |

# Hämmer
*Mallets*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Tiefe in mm *depth in mm* | Kopfgewicht in g *weight of the head/g* | **Bestell-Nr.** ***order no.*** |
|---|---|---|---|---|---|

**Hammer** / ***Mallet*** — **Wagner** / ***Wagner***



| | | | | | |
|---|---|---|---|---|---|
| 235 | 9 1/4 | 35 | 82 | 130 | **UT 3640-24** |

**Besonderheiten / *specification***

Komplett mit 2 Paar Backen und Schlüssel, Kopfgewicht ohne Backen / *includes 2 faces and wrench, weight of head without faces*

**Paar Ersatzbacken, Metall / *pair of spare faces, metal***

| | | | | | |
|---|---|---|---|---|---|
| | | 35 | | | **UT 3641-24** |

**Besonderheiten / *specification***

1 Seite flach, 1 Seite convex, Höhe 16 mm, Gewicht (Paar) 230 g / *flat-convex, height 16 mm, weight (pair) 230 g*

**Paar Ersatzbacken, Kunststoff / *pair of spare faces, plastic***

| | | | | | |
|---|---|---|---|---|---|
| | | 35 | | | **UT 3642-24** |

**Besonderheiten / *specification***

1 Seite flach, 1 Seite convex, Höhe 16 mm, Gewicht (Paar) 32 g *flat-convex, height 16 mm, weight (pair) 32 g*

**Schlüssel / *key***

| | | | | | |
|---|---|---|---|---|---|
| 125 | 5 | | | | **UT 3643-13** |

**Besonderheiten / *specification***

Schlüsselweite 32 / *key 32*

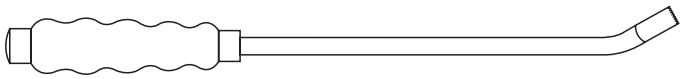
**Schlegel** / ***Mallet*** — **Steinbach** / ***Steinbach***



| | | | | | |
|---|---|---|---|---|---|
| 245 | 9 5/8 | 60 | | | **UT 3650-25** |

**Besonderheiten / *specification***

Schichtpreßstoff, Gesamtgewicht 380 g, Griff Ø 21 mm / *moulded laminated material, total weight 380 g, Ø of handle 21 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Tiefe in mm *depth in mm* | Kopfgewicht in g *weight of the head/g* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Hammer**
***Mallet***



| | | | | | |
|---|---|---|---|---|---|
| 250 | 9 7/8 | 35 | 55 | | **UT 3653-25** |

**Besonderheiten / *specification***
*Schichtpreßstoff, Gesamtgewicht 175 g / moulded laminated material, total weight 175 g*

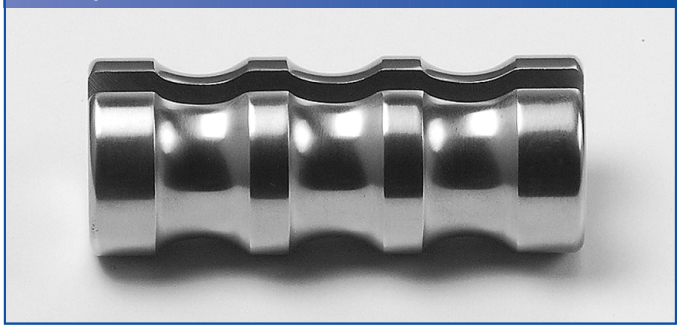
| | | | | | |
|---|---|---|---|---|---|
| 255 | 10 | 42 | 70 | | **UT 3654-26** |

**Besonderheiten / *specification***
*Schichtpreßstoff, Gesamtgewicht 240 g / moulded laminated material, total weight 240 g*

| | | | | | |
|---|---|---|---|---|---|
| 260 | 10 1/4 | 50 | 86 | | **UT 3655-26** |

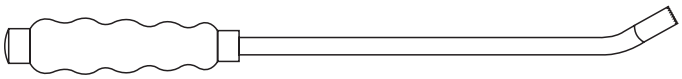
**Besonderheiten / *specification***
*Schichtpreßstoff, Gesamtgewicht 350 g / moulded laminated material, total weight 350 g*

**Schlitzhammer** **Ulrich**
***Mallet, slotted*** ***Ulrich***



| | | | | | |
|---|---|---|---|---|---|
| 100 | 4 | 40 | | | **UT 3670-10** |

**Besonderheiten / *specification***
Schlitzbreite 6,2 mm / *width of slot 6.2 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|

**Gipsschere** **Bruns**
***Plaster scissors*** ***Bruns***



| | | | |
|---|---|---|---|
| 235 | 9 1/4 | | **UT 3710-24** |

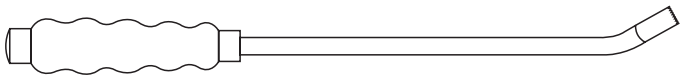
**Gipsschere** **Bruns**
***Plaster scissors*** ***Bruns***





| | | | |
|---|---|---|---|
| 235 | 9 1/4 | | **UT 3711-24** |

**Besonderheiten / *specification***
gezahnt / *serrated*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|

**Gipsschere** **Stille**
***Plaster scissors*** ***Stille***



| | | | |
|---|---|---|---|
| 230 | 9 | | **UT 3720-23** |
| 370 | 14 1/2 | | **UT 3720-37** |

**Ersatzmesser zu UT 3720-23 / *spare blade for UT 3720-23***

| | | | |
|---|---|---|---|
| 55 | 2 1/4 | | **UT 3721-06** |

**Besonderheiten / *specification***
Schneidenlänge 30 mm / *length of blade 30 mm*

**Ersatzmesser zu UT 3720-37 / *spare blade for UT 3720-37***

| | | | |
|---|---|---|---|
| 65 | 2 1/2 | | **UT 3722-07** |

**Besonderheiten / *specification***
Schneidenlänge 40 mm / *length of blade 40 mm*

**Gipsabreißzange** **Wolff**
***Plaster breaker*** ***Wolff***



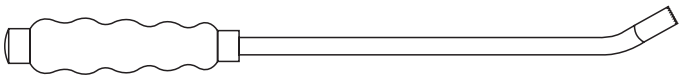
| | | | |
|---|---|---|---|
| 180 | 7 | | **UT 3750-18** |
| 240 | 9 1/2 | | **UT 3750-24** |

**Gipssäge, oszillierend**
***Oscillating plaster cutter***

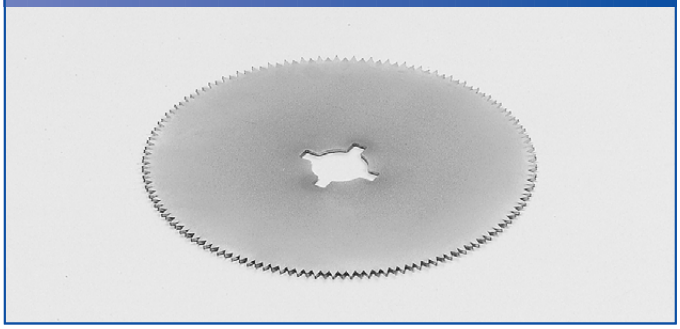


| | | | |
|---|---|---|---|
| 320 | 12 5/8 | | **UT 3810-32** |

**Besonderheiten / *specification***
inkl. 2 gehärtete Sägeblätter (Ø 50/65 mm) für Hartverband- und Naturgips und 2 Schlüssel (Länge 110 mm, SW 11). Anschluss 230 V/50 HZ, 125 W, Schutzklasse II / *includes two hardened saw blades (Ø 50/65 mm) for all kinds of plaster and two wrenches (length 110 mm, SW 11), 230V/50 Hz, 125 W, class II.*



**Sägeblatt**
***Saw blade***

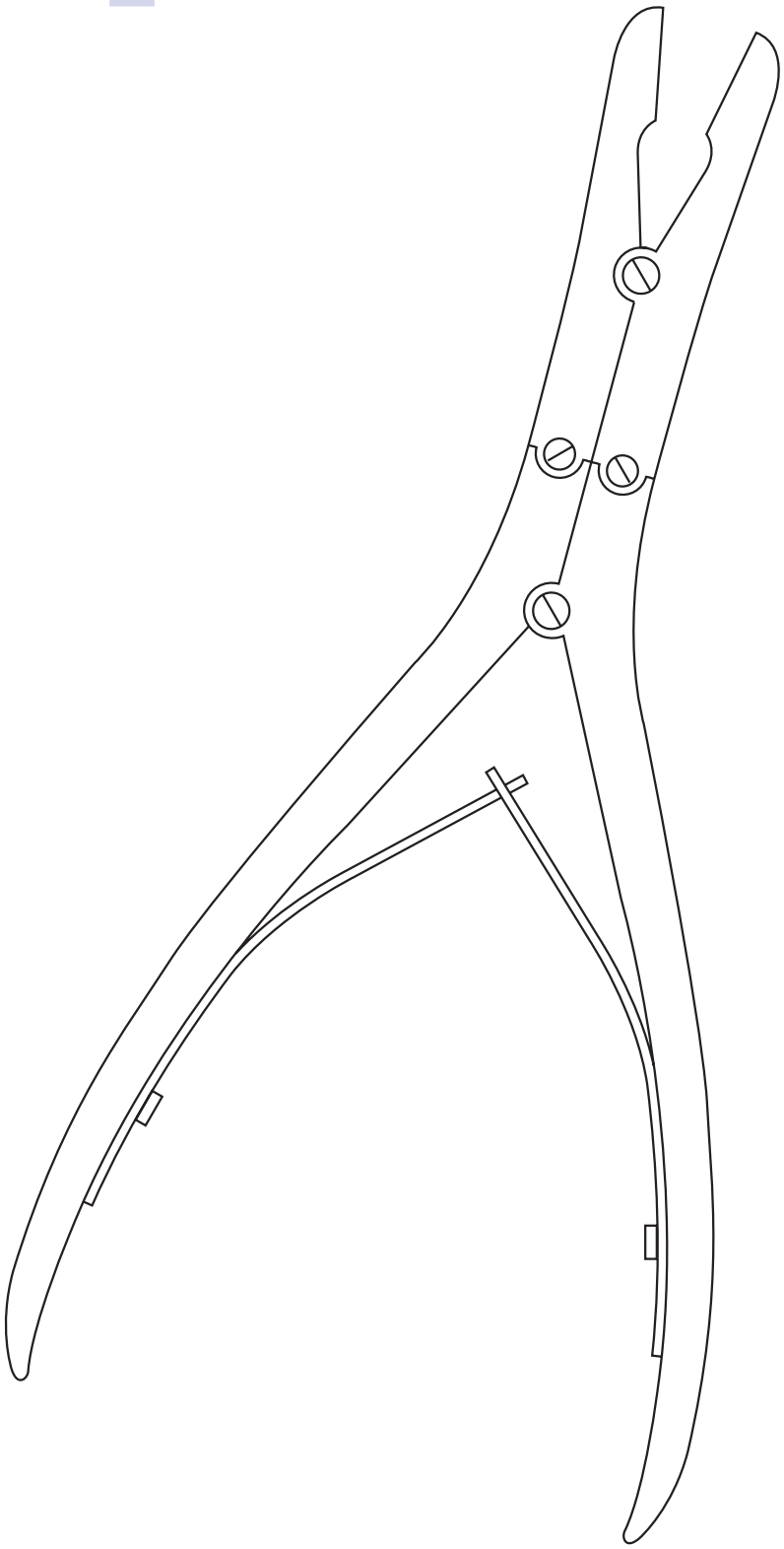


| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|
| | | 50 | **UT 3830-05** |
| | | 65 | **UT 3830-07** |

**Besonderheiten / *specification***

gehärtet, für Hartverband- und Naturgips / *hardened, for all kinds of plaster*

# 4




Meßinstrumente, Diagnostik
Tourniquet, Extension
Cerclagedrähte und -instrumente
*Measuring and diagnostic devices*
*tourniquet, extension*
*wire and instruments for cerclage*

Dissektoren, Elevatorien
Raspatorien, Knochenhebel
Knochenfasszangen
*Dissectors, elevators*
*raspatories, bone levers*
*bone holding forceps*

Meißel, Stößel
Hämmer, Gipsinstrumente
*Chisels / osteotomes, tampers*
*mallets, plaster instruments*

**Knochensplitterzangen, Hohlmeißelzangen, Rongeure, Knochenstanzen**
**Knochenfräsen, Biopsiekanülen**
***Bone cutting forceps, bone rongeurs,***
***rongeurs, punches, cutters***
***biopsy cannulas***

Küretten, scharfe Löffel
Knochenfeilen
*Curettes, spoon curettes*
*bone files*

Kopfchirurgie
Schulterchirurgie
*Cranial surgery*
*Shoulder surgery*

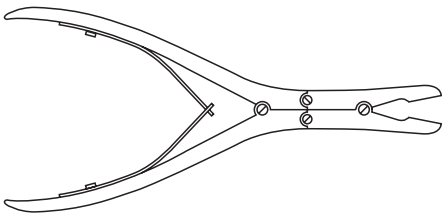
Hand- und Fußchirurgie
*Hand and foot surgery*

Becken-, Extremitäten- und
Kniechirurgie
*Pelvis, extremities and*
*knee surgery*

Plastische Chirurgie
*Plastic surgery*

Stichwortverzeichnis
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# Knochensplitterzangen
## *Bone cutting forceps*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|

**Knochensplitterzange** **Streli**
***Bone cutting forceps*** ***Streli***



| | | | | |
|---|---|---|---|---|
| 150 | 6 | | | **UT 4011-15** |

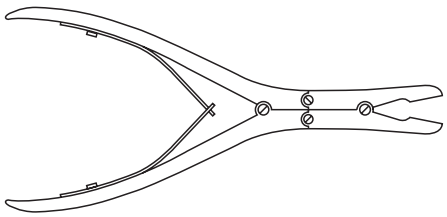
**Besonderheiten / *specification***
konvex gebogen / *curved convex*

**Knochensplitterzange** **Streli**
***Bone cutting forceps*** ***Streli***



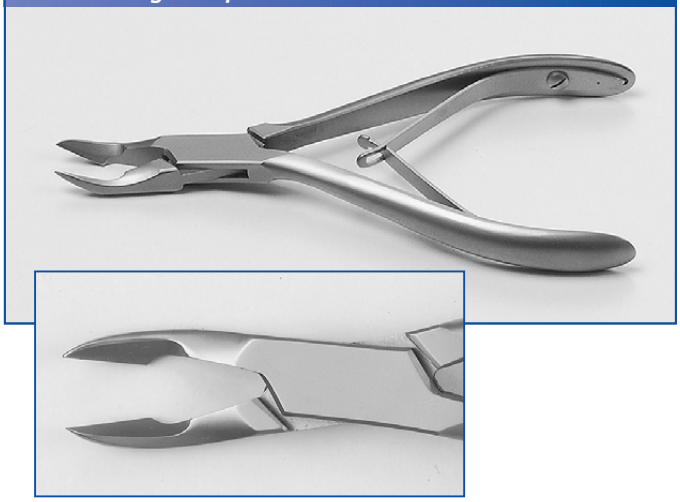
| | | | | |
|---|---|---|---|---|
| 150 | 6 | | | **UT 4012-15** |

**Besonderheiten / *specification***
konkav gebogen / *curved concave*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

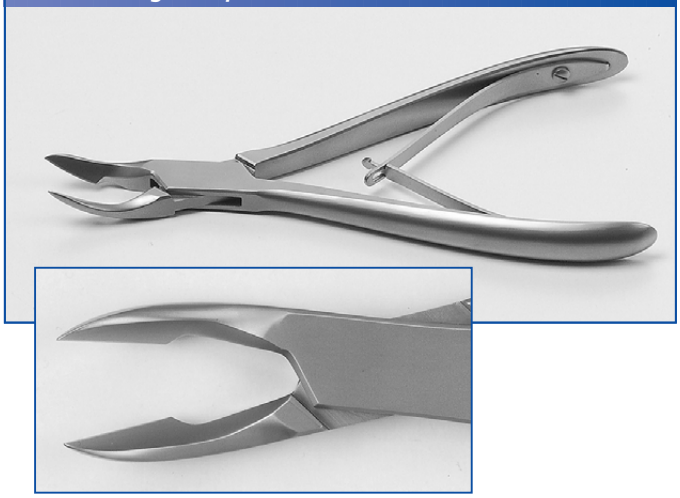
**Knochensplitterzange**
***Bone cutting forceps***



| | | | | |
|---|---|---|---|---|
| 135 | 5 1/4 | | • | **UT 4021-14** |

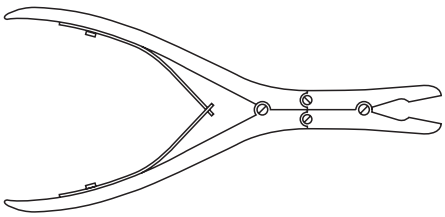
**Besonderheiten / *specification***
Branchen gebogen / *curved handles*

**Knochensplitterzange** **Cleveland**
***Bone cutting forceps*** ***Cleveland***



| | | | | |
|---|---|---|---|---|
| 170 | 6 3/4 | | • | **UT 4021-17** |

# Knochensplitterzangen
## *Bone cutting forceps*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|
| 150 | 6 | | • | **UT 4031-15** |

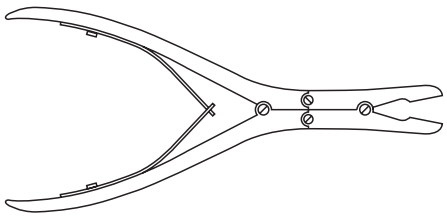
**Knochensplitterzange** **Stamm**
***Bone cutting forceps*** ***Stamm***



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|
| 185 | 7 1/4 | • | | **UT 4040-19** |

**Knochensplitterzange** **Kazanjian**
***Bone cutting forceps*** ***Kazanjian***





**Knochensplitterzange** **Liston**
***Bone cutting forceps*** ***Liston***



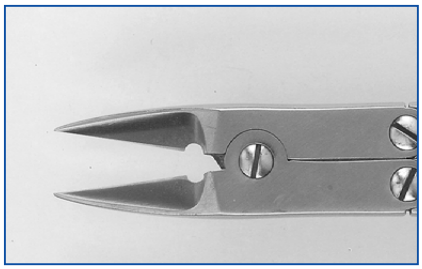
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|
| 140 | 5 1/2 | • | | **UT 4050-14** |
| 170 | 6 3/4 | • | | **UT 4050-17** |
| 200 | 7 1/2 | • | | **UT 4050-20** |
| 220 | 8 3/4 | • | | **UT 4050-22** |
| 170 | 6 3/4 | | • | **UT 4051-17** |
| 190 | 7 1/2 | | • | **UT 4051-19** |
| 220 | 8 3/4 | | • | **UT 4051-22** |

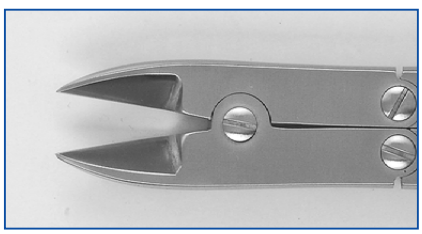
**Knochensplitterzange** **Böhler**
***Bone cutting forceps*** ***Boehler***



| | | | | |
|---|---|---|---|---|
| 150 | 6 | • | | **UT 4060-15** |
| 145 | 5 3/4 | | • | **UT 4061-15** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*



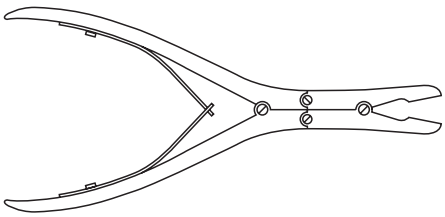


Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 4060-15

UT 4061-15

# Knochensplitterzangen
## *Bone cutting forceps*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|
| 150 | 6 | | | **UT 4062-15** |

**Knochensplitterzange** **Streli**
***Bone cutting forceps*** ***Streli***



**Besonderheiten / *specification***

konkav gebogen, doppelt übersetzt / *curved concave, double action*

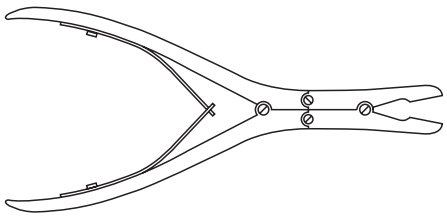
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|
| 145 | 5 3/4 | | | **UT 4071-15** |

**Knochensplitterzange** **Violini-Ulrich**
***Bone cutting forceps*** ***Violini-Ulrich***



**Besonderheiten / *specification***

seitlich gewinkelt, doppelt übersetzt / *laterally curved, double action*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

**Knochensplitterzange**
***Bone cutting forceps***



| | | | | |
|---|---|---|---|---|
| 170 | 6 3/4 | • | | **UT 4080-17** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*

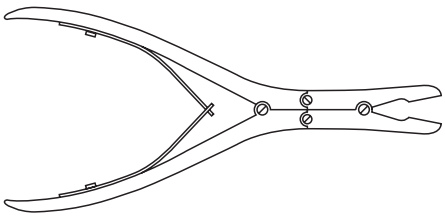
**Knochensplitterzange McIndoe**
***Bone cutting forceps McIndoe***



| | | | | |
|---|---|---|---|---|
| 175 | 7 | | • | **UT 4091-18** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*

# Knochensplitterzangen
## *Bone cutting forceps*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

**Knochensplitterzange** **Ruskin-Liston**
***Bone cutting forceps*** ***Ruskin-Liston***



| | | | | |
|---|---|---|---|---|
| 190 | 7 1/2 | • | | **UT 4110-19** |
| 190 | 7 1/2 | | • | **UT 4111-19** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*

**Knochensplitterzange** **Liston**
***Bone cutting forceps*** ***Liston***



| | | | | |
|---|---|---|---|---|
| 275 | 10 7/8 | • | | **UT 4120-28** |
| 240 | 9 1/2 | | • | **UT 4121-24** |
| 275 | 10 7/8 | | • | **UT 4121-28** |

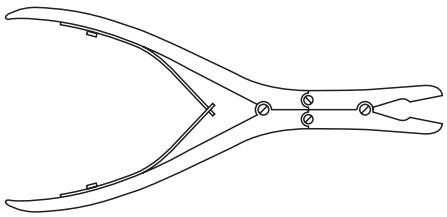
**Besonderheiten / *specification***
doppelt übersetzt / *double action*

**Knochensplitterzange** **Liston-Stille**
***Bone cutting forceps*** ***Liston-Stille***



| | | | | |
|---|---|---|---|---|
| 265 | 10 1/2 | | • | **UT 4131-27** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

**Knochensplitterzange** **Liston-Key-Horsley**
***Bone cutting forceps*** ***Liston-Key-Horsley***



| | | | | |
|---|---|---|---|---|
| 255 | 10 | | • | **UT 4141-26** |

**Besonderheiten / *specification***
s-förmig gebogen, doppelt übersetzt / *s-shaped, double action*

**Knochensplitterzange** **Tudor-Edwards**
***Bone cutting forceps*** ***Tudor-Edwards***



| | | | | |
|---|---|---|---|---|
| 300 | 11 7/8 | | • | **UT 4142-30** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*

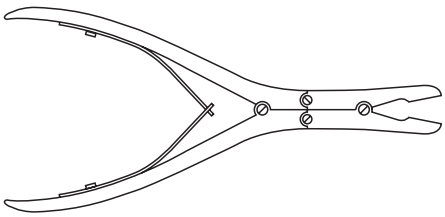
**Knochensplitterzange** **Lemmens**
***Bone cutting forceps*** ***Lemmens***



| | | | | |
|---|---|---|---|---|
| 320 | 11 7/8 | | • | **UT 4146-32** |

**Besonderheiten / *specification***
s-förmig gebogen, doppelt übersetzt, transaxilläre Entfernung der 1. Rippe beim Schultergürtelsyndrom / *s-shaped, double action, transaxilliar removal of the first rib in case of thoracic-outlet-syndrome*

# Knochensplitterzangen
## *Bone cutting forceps*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gewinkelt/*angled* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

**Hallux valgus Resektionszange** **Baer**
***Hallux valgus resection forceps*** ***Baer***



| | | | | |
|---|---|---|---|---|
| 180 | 7 | | | **UT 4150-18** |

**Besonderheiten / *specification***
Schneidbreite 17 mm, Schneidlänge 17 mm /
*cutting blades width 17 mm, length 17 mm*

| | | | | |
|---|---|---|---|---|
| 220 | 8 3/4 | | | **UT 4150-22** |

**Besonderheiten / *specification***
Schneidbreite 23 mm, Schneidlänge 25 mm /
*cutting blades width 23 mm, length 25 mm*

**Knochenschneidezange** **Thompson-Ulrich**
***Bone cutter*** ***Thompson-Ulrich***



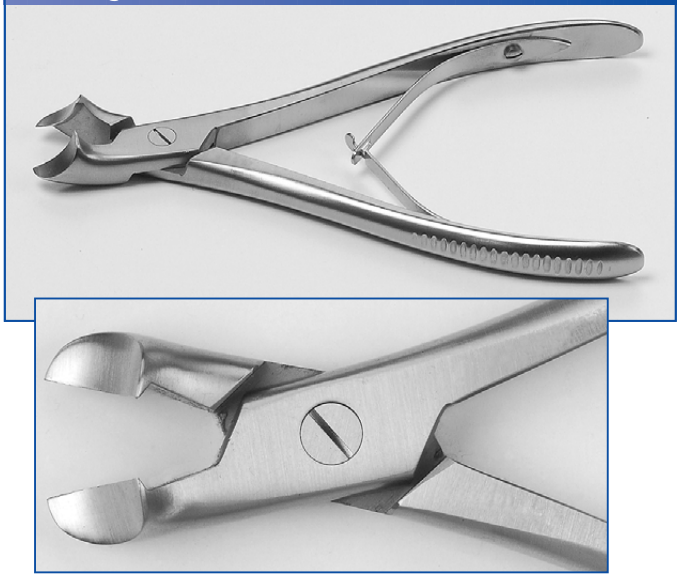
| | | | | |
|---|---|---|---|---|
| 180 | 7 | | | **UT 4160-18** |

**Besonderheiten / *specification***
Schneidbreite 8 mm, Schneidlänge 10 mm /
*cutting blades width 8 mm, length 10 mm*

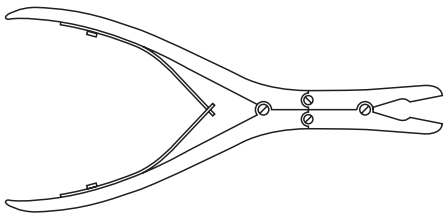
| | | | | |
|---|---|---|---|---|
| 220 | 8 3/4 | | | **UT 4160-22** |

**Besonderheiten / *specification***
Schneidbreite 12 mm, Schneidlänge 13 mm /
*cutting blades width 12 mm, length 13 mm*

**Rundmeißelzange** **Markwalder**
***Rib Rongeur*** ***Markwalder***

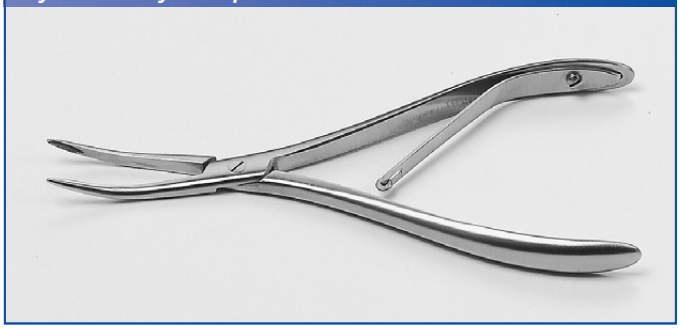


| | | | | |
|---|---|---|---|---|
| 185 | 7 1/4 | | | **UT 4170-19** |



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Synovektomiezange**
***Synovectomy forceps***



| | | | | | |
|---|---|---|---|---|---|
| 160 | 6 1/4 | | • | 2,5 | **UT 4311-16** |

**Besonderheiten / *specification***
leicht gebogen / *slightly curved*

| | | | | | |
|---|---|---|---|---|---|
| 160 | 6 1/4 | | • | 2,5 | **UT 4312-16** |

**Besonderheiten / *specification***
stark gebogen / *extra curved*



Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 4311-16

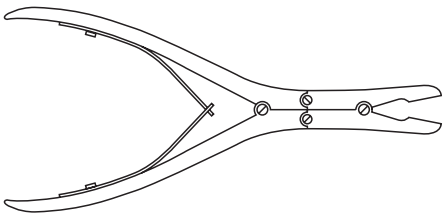
UT 4312-16

**Hohlmeißelzange** **Luer-Friedmann**
***Bone rongeur*** ***Luer-Friedmann***



| | | | | | |
|---|---|---|---|---|---|
| 140 | 5 1/2 | | • | 3 | **UT 4313-14** |

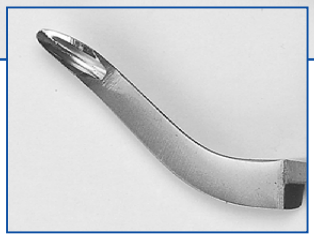
# Hohlmeißelzangen
*Bone rongeurs*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|
| 140 | 5 1/2 | | • | 3 | **UT 4323-14** |

**Hohlmeißelzange** **Alexander**
***Bone rongeur*** ***Alexander***





**Besonderheiten / *specification***
bajonettförmig aufgebogen / *cranked on flat*

| | | | | | |
|---|---|---|---|---|---|
| 145 | 5 3/4 | | • | 5 | **UT 4325-15** |
| 145 | 5 3/4 | | • | 4 | **UT 4334-15** |
| 145 | 5 3/4 | | • | 5 | **UT 4335-15** |

**Hohlmeißelzange** **Luer**
***Bone rongeur*** ***Luer***



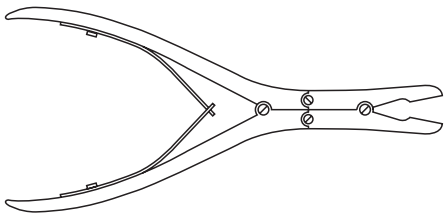


Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 4325-15

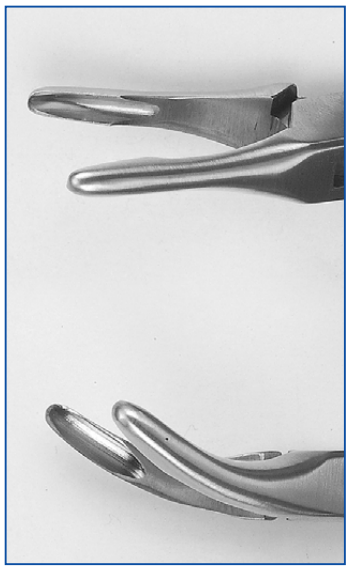
UT 4334-15

UT 4335-15



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| **Hohlmeißelzange Jansen** *Bone rongeur Jansen* | | | | | |
| 175 | 7 | • | | 4 | **UT 4340-18** |
| 170 | 6 3/4 | | • | 4 | **UT 4341-17** |





Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 4340-18

UT 4341-17

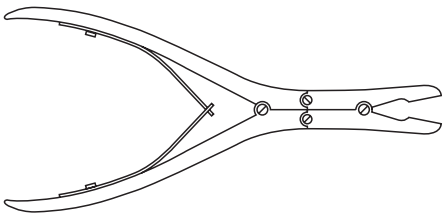
| | | | | | |
|---|---|---|---|---|---|
| **Hohlmeißelzange Jansen** *Bone rongeur Jansen* | | | | | |
| 175 | 7 | | • | 4 | **UT 4346-18** |

**Besonderheiten / *specification***
bajonettförmig aufgebogen / *cranked on flat*

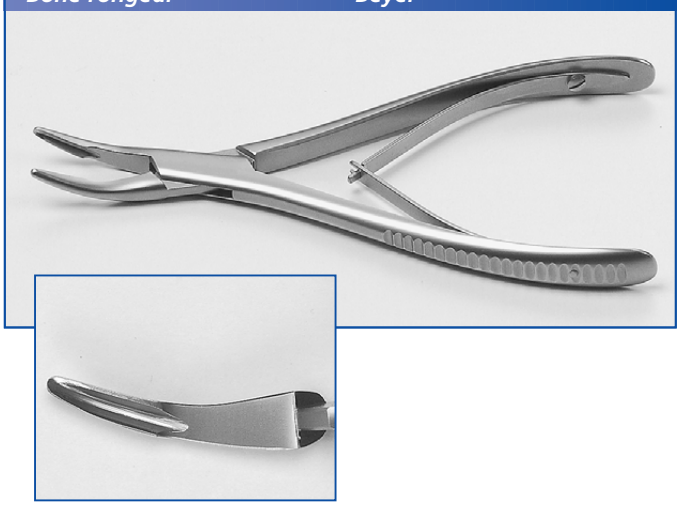




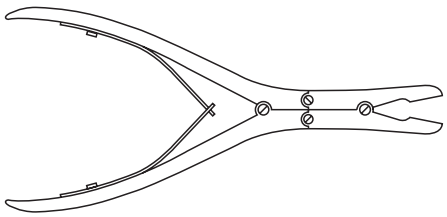
# Hohlmeißelzangen
*Bone rongeurs*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|
| **Hohlmeißelzange** ***Bone rongeur*** **Beyer** ***Beyer*** | | | | | |
| 175 | 7 | | • | 4 | **UT 4354-18** |
| **Hohlmeißelzange** ***Bone rongeur*** **Luer** ***Luer*** | | | | | |
| 175 | 7 | • | | 8 | **UT 4360-18** |
| 175 | 7 | | • | 8 | **UT 4361-18** |
| 180 | 7 | • | | 11 | **UT 4365-18** |
| 180 | 7 | | • | 11 | **UT 4366-18** |







| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Hohlmeißelzange Lempert**
***Bone rongeur Lempert***



| | | | | | |
|---|---|---|---|---|---|
| 200 | 7 7/8 | • | | 2,5 | **UT 4370-20** |
| 200 | 7 7/8 | | • | 2,5 | **UT 4371-20** |



Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 4370-20

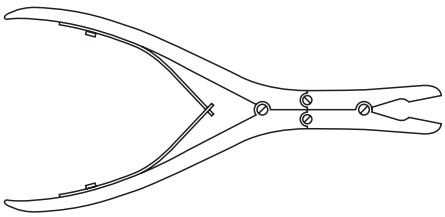
UT 4371-20

**Hohlmeißelzange Zielke**
***Bone rongeur Zielke***



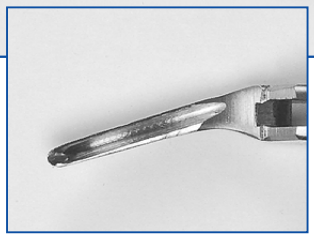
| | | | | | |
|---|---|---|---|---|---|
| 200 | 7 7/8 | | • | 3,5 | **UT 4383-20** |
| 200 | 7 7/8 | | • | 5 | **UT 4385-20** |
| 320 | 12 5/8 | | • | 5 | **UT 4385-32** |

# Hohlmeißelzangen
*Bone rongeurs*

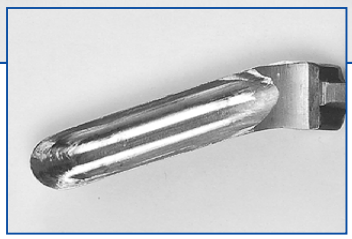


| Hohlmeißelzange<br>*Bone rongeur* | Zielke<br>*Zielke* | Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm<br>*jaw width in mm* | Artikel-Nr.<br>*product no.* |
|---|---|---|---|---|---|---|---|
|  | | 200 | 8 | | • | 3 | **UT 4386-20** |

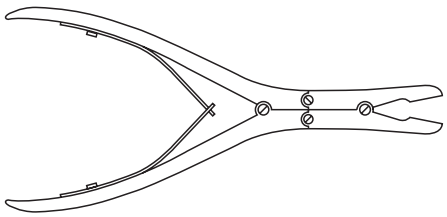
**Besonderheiten / *specification***
Branchen links gebogen / *handles curved on left*

| Hohlmeißelzange<br>*Bone rongeur* | Zielke<br>*Zielke* | Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm<br>*jaw width in mm* | Artikel-Nr.<br>*product no.* |
|---|---|---|---|---|---|---|---|
|  <br>  | | 200 | 8 | | • | 3 | **UT 4387-20** |

**Besonderheiten / *specification***
Branchen rechts gebogen / *handles curved on right*

| Hohlmeißelzange<br>*Bone rongeur* | Matzen<br>*Matzen* | Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm<br>*jaw width in mm* | Artikel-Nr.<br>*product no.* |
|---|---|---|---|---|---|---|---|
|  <br>  | | 200 | 8 | | • | 8 | **UT 4391-20** |

**Besonderheiten / *specification***
heavy duty

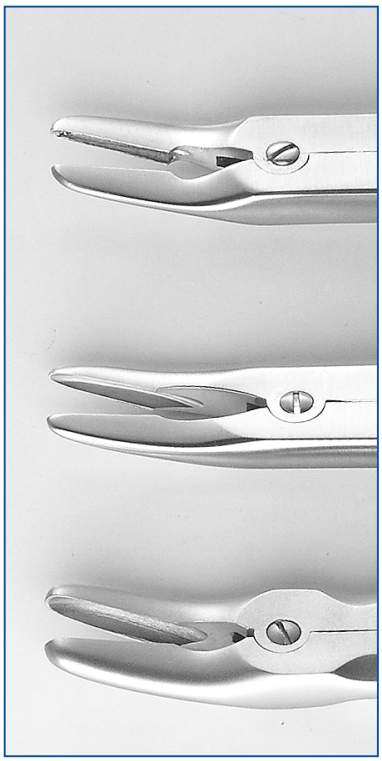


**Hohlmeißelzange** **Streli**
***Bone rongeur*** ***Streli***



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 150 | 6 | | • | 2 | **UT 4402-15** |
| 150 | 6 | | • | 3 | **UT 4403-15** |
| 150 | 6 | | • | 5 | **UT 4405-15** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*



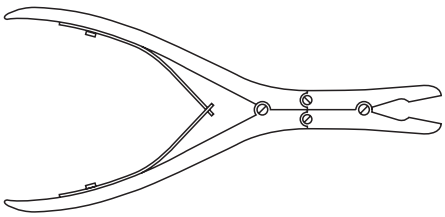
Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 4402-15

UT 4403-15

UT 4405-15

# Hohlmeißelzangen
*Bone rongeurs*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|

**Hohlmeißelzange** **Beyer**
***Bone rongeur*** ***Beyer***



| | | | | | |
|---|---|---|---|---|---|
| 180 | 7 | | • | 4 | **UT 4414-18** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*

**Zaufal-Jansen**

| | | | | | |
|---|---|---|---|---|---|
| 180 | 7 | | • | 5 | **UT 4415-18** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*

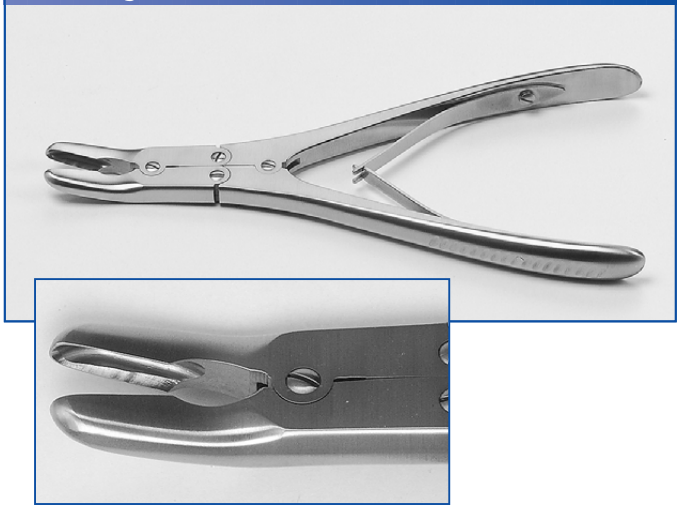


Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 4414-18

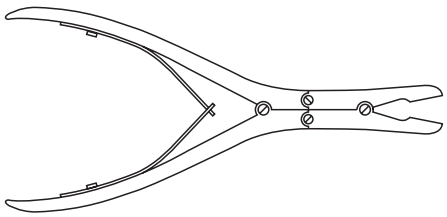
UT 4415-18

**Hohlmeißelzange** **Ruskin**
***Bone rongeur*** ***Ruskin***



| | | | | | |
|---|---|---|---|---|---|
| 190 | 7 ½ | | • | 6 | **UT 4416-19** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Hohlmeißelzange** **Marquardt**
***Bone rongeur*** ***Marquardt***



| | | | | | |
|---|---|---|---|---|---|
| 200 | 8 | | • | 4 | **UT 4424-20** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*

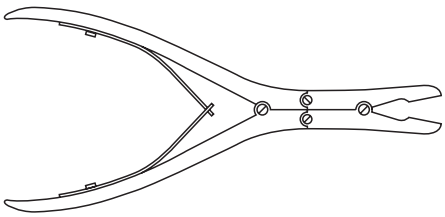
**Hohlmeißelzange** **Roettgen-Ruskin**
***Bone rongeur*** ***Roettgen-Ruskin***



| | | | | | |
|---|---|---|---|---|---|
| 240 | 9 1/2 | | • | 6 | **UT 4431-24** |

**Besonderheiten / *specification***
doppelt übersetzt / *double action*

# Hohlmeißelzangen
*Bone rongeurs*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|
| 300 | 11 7/8 | | • | 5 | **UT 4435-30** |
| 230 | 9 | | • | 6 | **UT 4436-23** |

**Hohlmeißelzange** **Hoffmann**
***Bone rongeur*** ***Hoffmann***



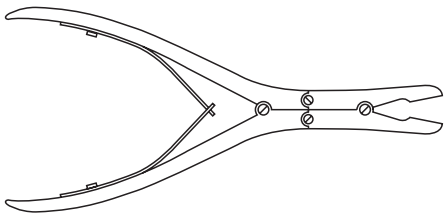
**Besonderheiten / *specification***
doppelt übersetzt / *double action*



Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 4435-30

UT 4436-23



**Hohlmeißelzange** **Ulrich**
***Bone rongeur*** ***Ulrich***



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 360 | 14 1/4 | | • | 3 | **UT 4443-36** |
| 360 | 14 1/4 | | • | 5 | **UT 4445-36** |
| 360 | 14 1/4 | | • | 8 | **UT 4448-36** |

**Besonderheiten / *specification***

Branchen seitlich gebogen, doppelt übersetzt /
*handles laterally curved, double action*



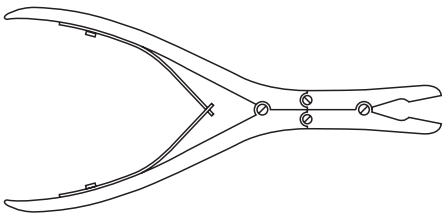
Detailabbildung / *details*

UT 4443-36

UT 4445-36

UT 4448-36

# Hohlmeißelzangen
*Bone rongeurs*



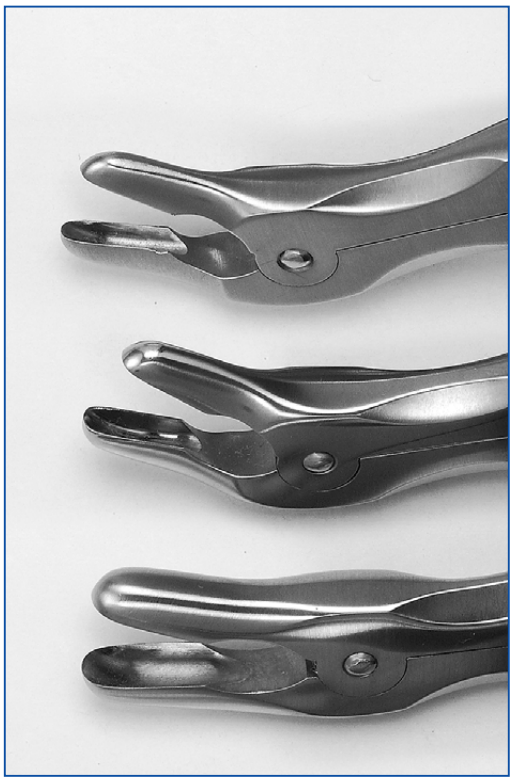
**Hohlmeißelzange** **Frykholm**
***Bone rongeur*** ***Frykholm***



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 240 | 9 1/2 | • | | 4 | **UT 4454-24** |
| 240 | 9 1/2 | • | | 5 | **UT 4455-24** |
| 240 | 9 1/2 | • | | 8 | **UT 4458-24** |

**Besonderheiten / *specification***

seitlich s-förmig gebogen, doppelt übersetzt /
*handles laterally s-shaped, double action*



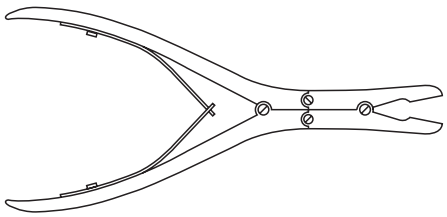
Detailabbildung / *details*

Maßstab / *scale* 1:1

UT 4454-24

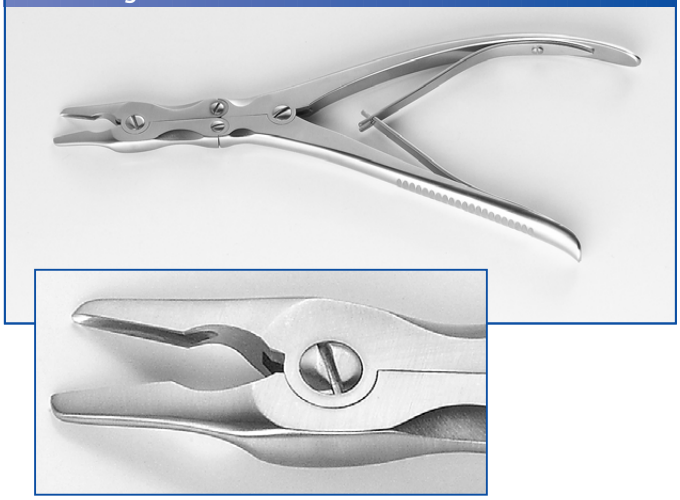
UT 4455-24

UT 4458-24



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 240 | 9½ | | • | 2 | **UT 4461-24** |

**Hohlmeißelzange**
***Bone rongeur***

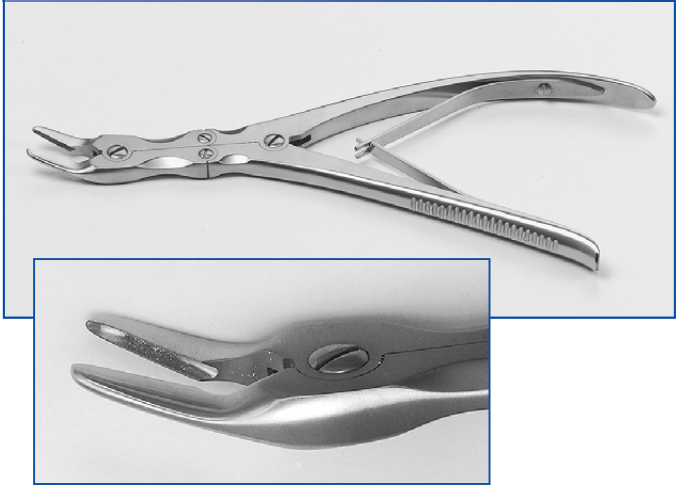


**Besonderheiten / *specification***

seitlich s-förmig links gebogen, doppelt übersetzt /
*handles laterally s-shaped to left, double action*

| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 240 | 9½ | | • | 2 | **UT 4462-24** |

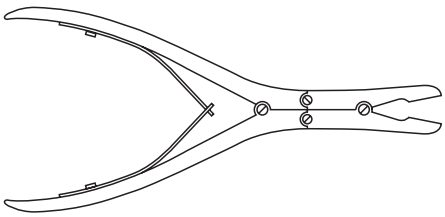
**Hohlmeißelzange**
***Bone rongeur***



**Besonderheiten / *specification***

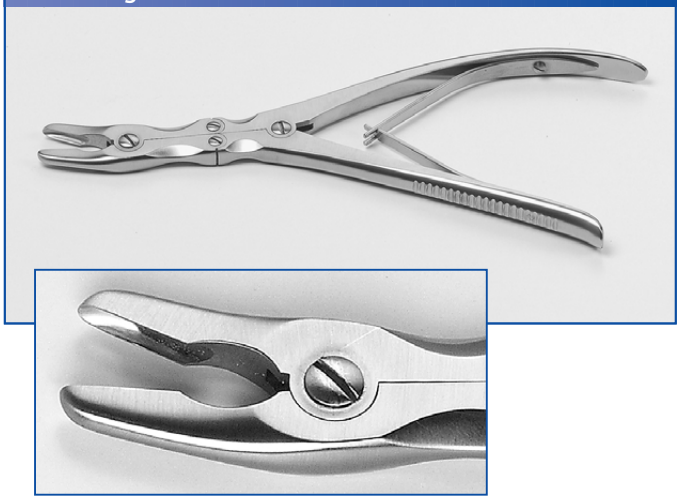
seitlich s-förmig rechts gebogen, doppelt übersetzt /
*handles laterally s-shaped to right, double action*

# Hohlmeißelzangen
*Bone rongeurs*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 240 | 9 1/2 | • | | 5 | **UT 4465-24** |
| 240 | 9 1/2 | • | | 8 | **UT 4468-24** |

**Hohlmeißelzange** **Leksell**
***Bone rongeur*** ***Leksell***



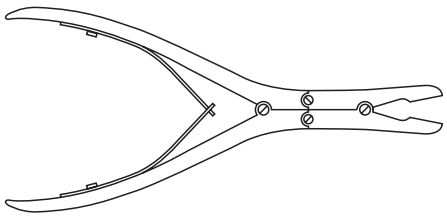
**Besonderheiten / *specification***
seitlich s-förmig gebogen, doppelt übersetzt /
*handles laterally s-shaped, double action*

| | | | | | |
|---|---|---|---|---|---|
| 240 | 9 1/2 | • | | 8 | **UT 4469-24** |

**Hohlmeißelzange** **Leksell-Stille**
***Bone rongeur*** ***Leksell-Stille***

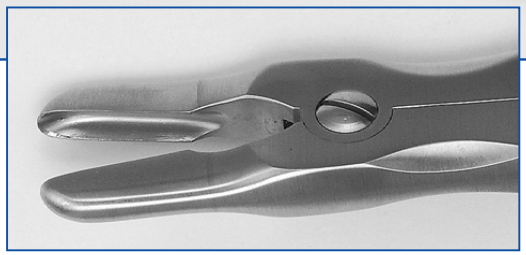


**Besonderheiten / *specification***
seitlich s-förmig gebogen, doppelt übersetzt /
*handles laterally s-shaped, double action*



| Hohlmeißelzange<br>*Bone rongeur* | Toennis-Leksell<br>*Toennis-Leksell* |
|---|---|



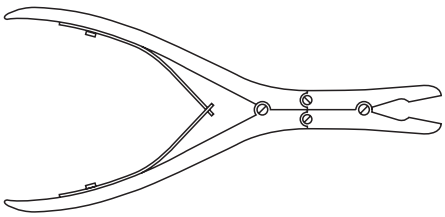


| Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm<br>*jaw width in mm* | **Artikel-Nr.**<br>***product no.*** |
|---|---|---|---|---|---|
| 240 | 9 1/2 | • | | 5 | **UT 4470-24** |

**Besonderheiten / *specification***

Branchen seitlich gebogen, doppelt übersetzt /
*handles laterally curved, double action*

# Hohlmeißelzangen
*Bone rongeurs*



**Hohlmeißelzange** **Stille**
***Bone rongeur*** ***Stille***



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 240 | 9 1/2 | • | | 2 | **UT 4472-24** |
| 240 | 9 1/2 | • | | 3 | **UT 4473-24** |
| 240 | 9 1/2 | • | | 5 | **UT 4475-24** |
| 240 | 9 1/2 | • | | 7 | **UT 4477-24** |

**Besonderheiten / *specification***

seitlich s-förmig gebogen, doppelt übersetzt /
*handles laterally s-shaped, double action*



Detailabbildung / *details*

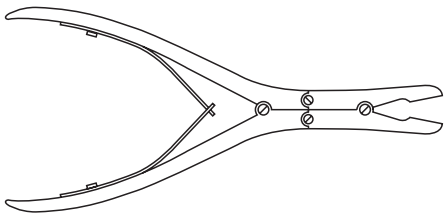
Maßstab / *scale* 1:1

UT 4472-24

UT 4473-24

UT 4475-24

UT 4477-24



**Hohlmeißelzange** **Zielke-Harms**
***Bone rongeur*** ***Zielke-Harms***



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|
| 220 | 8 3/4 | | • | 2 | **UT 4482-22** |
| 220 | 8 3/4 | | • | 4 | **UT 4484-22** |
| 220 | 8 3/4 | | • | 5 | **UT 4485-22** |

**Besonderheiten / *specification***

Maul seitlich links gebogen und bajonettförmig aufgebogen, doppelt übersetzt / *handles laterally curved on left and cranked on flat, double action*



Detailabbildung / *details*

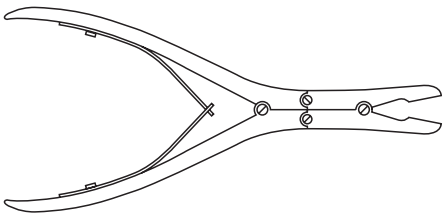
Maßstab / *scale* 1:1

UT 4482-22

UT 4484-22

UT 4485-22

# Hohlmeißelzangen
*Bone rongeurs*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|

**Hohlmeißelzange** **Zielke-Harms**
***Bone rongeur*** ***Zielke-Harms***

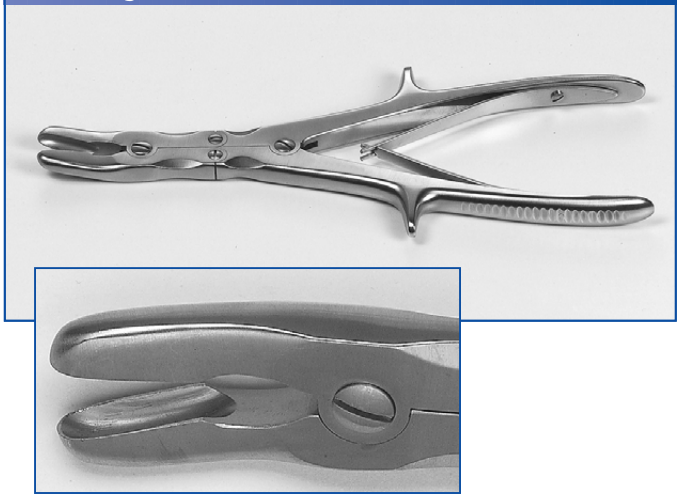


| | | | | | |
|---|---|---|---|---|---|
| 220 | 8 3/4 | | • | 2 | **UT 4492-22** |
| 220 | 8 3/4 | | • | 4 | **UT 4494-22** |
| 220 | 8 3/4 | | • | 5 | **UT 4495-22** |

**Besonderheiten / *specification***

Maul seitlich rechts gebogen und bajonettförmig aufgebogen, doppelt übersetzt / *handles laterally curved on right and cranked on flat, double action*

**Hohlmeißelzange** **Stille-Ruskin**
***Bone rongeur*** ***Stille-Ruskin***

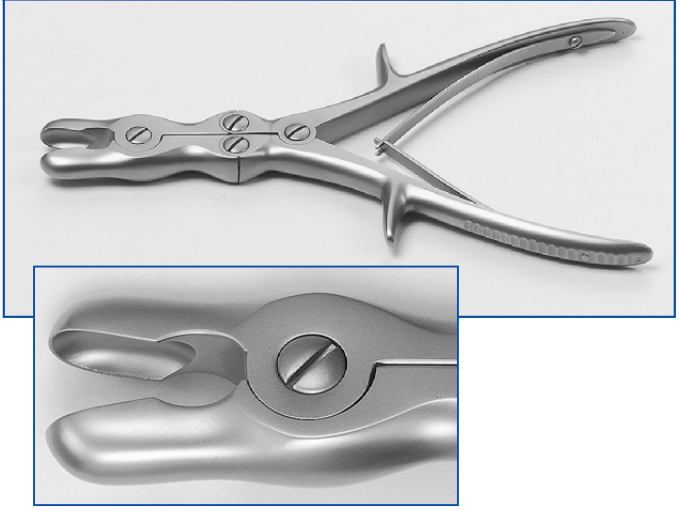


| | | | | | |
|---|---|---|---|---|---|
| 240 | 9 1/2 | | • | 8 | **UT 4511-24** |

**Besonderheiten / *specification***

doppelt übersetzt / *double action*

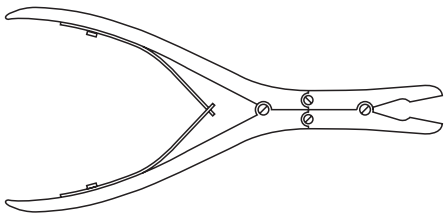
**Hohlmeißelzange** **Luer-Stille**
***Bone rongeur*** ***Luer-Stille***



| | | | | | |
|---|---|---|---|---|---|
| 225 | 8 7/8 | • | | 10 | **UT 4520-23** |
| 225 | 8 7/8 | | • | 10 | **UT 4521-23** |

**Besonderheiten / *specification***

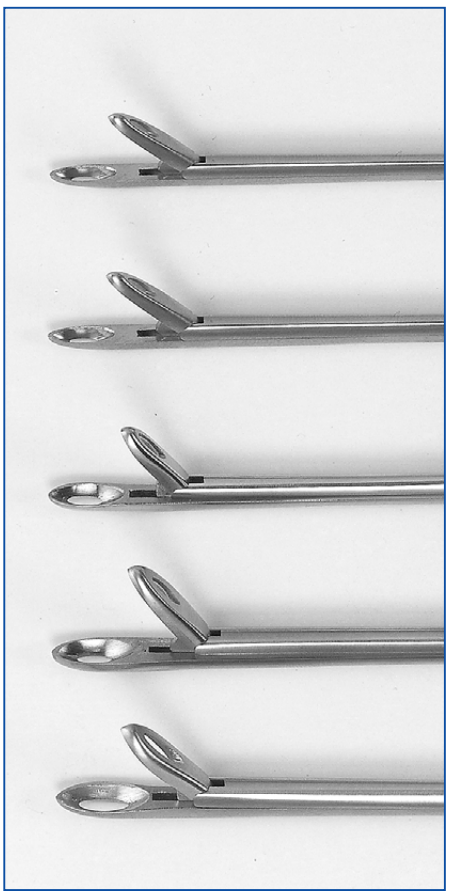
doppelt übersetzt / *double action*



**Siebbeinzange** **Weil-Blakesley**
***Rongeur*** ***Weil-Blakesley***



| Schaftlänge in mm *length of shaft in mm* | gerade/*straight* | gebogen/*curved* | Winkel in ° *angle in degree* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | Maulrichtung oben *cutting upwards* | Maulrichtung unten *cutting downwards* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|
| 120 | • | | | 3,0 | 7 | | | **UT 4610-30-120** |
| 120 | • | | | 3,6 | 7,5 | | | **UT 4610-36-120** |
| 120 | • | | | 4,2 | 10 | | | **UT 4610-42-120** |
| 150 | • | | | 4,2 | 10 | | | **UT 4610-42-150** |
| 120 | • | | | 4,8 | 11,5 | | | **UT 4610-48-120** |
| 150 | • | | | 4,8 | 11,5 | | | **UT 4610-48-150** |
| 120 | • | | | 5,6 | 13 | | | **UT 4610-56-120** |



Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 4610-30-120

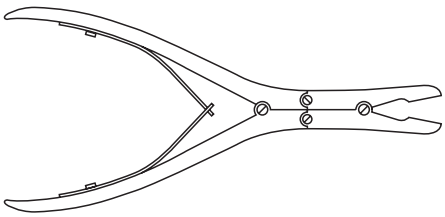
UT 4610-36-120

UT 4610-42-120/150

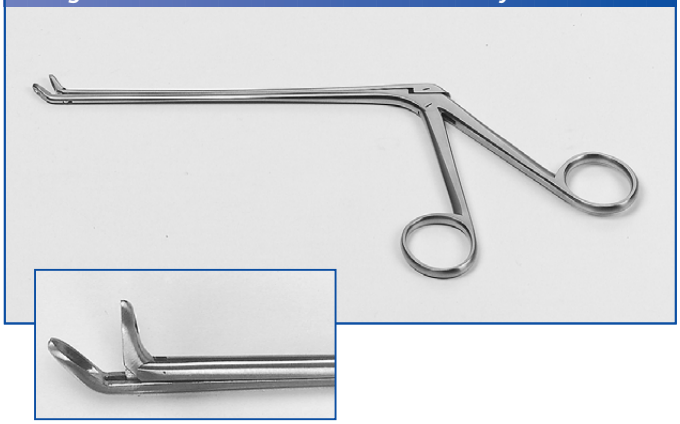
UT 4610-48-120/150

UT 4610-56-120

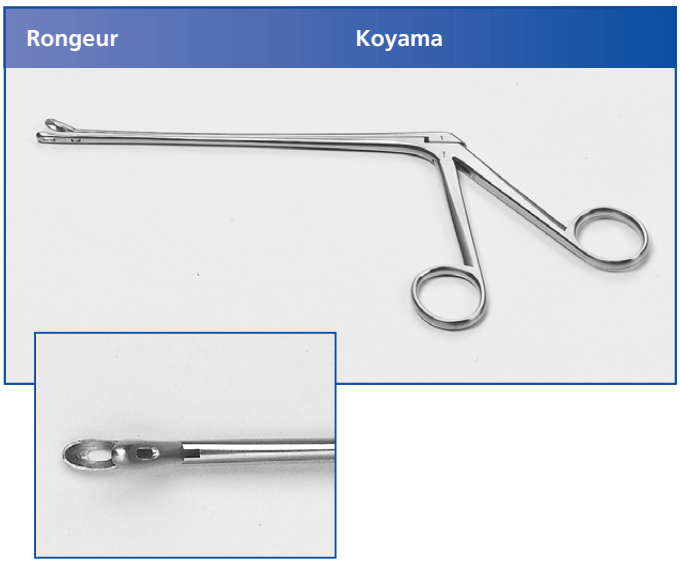
# Rongeure
*Rongeurs*



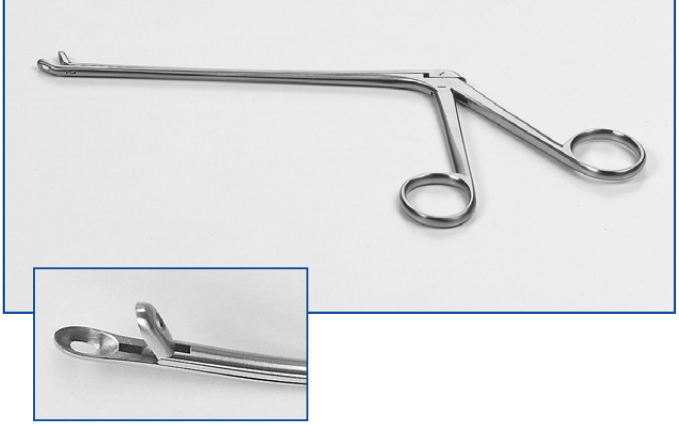
| Schaftlänge in mm *length of shaft in mm* | gerade/*straight* | gebogen/*curved* | Winkel in ° *angle in degree* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | Maulrichtung oben *cutting upwards* | Maulrichtung unten *cutting downwards* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Siebbeinzange *Rongeur*** | | **Weil-Blakesley *Weil-Blakesley*** | | | | | | |
| 120 | | • | 150° | 3,6 | 7,5 | • | | **UT 4611-36-120** |
| 150 | | • | 150° | 3,6 | 7,5 | • | | **UT 4611-36-150** |
| 120 | | • | 150° | 4,2 | 10 | • | | **UT 4611-42-120** |
| 150 | | • | 150° | 4,2 | 10 | • | | **UT 4611-42-150** |
| 120 | | • | 150° | 4,8 | 11,5 | • | | **UT 4611-48-120** |
| 150 | | • | 150° | 4,8 | 11,5 | • | | **UT 4611-48-150** |

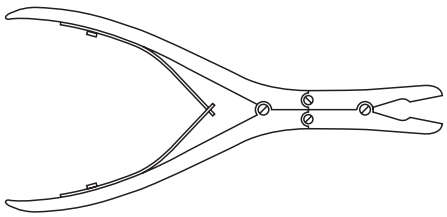


| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Rongeur** | | **Koyama** | | | | | | |
| 140 | • | | | 4 | 9 | | | **UT 4620-04-140** |



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Rongeur** | | **Koyama** | | | | | | |
| 140 | | • | 150° | 4 | 9 | • | | **UT 4621-04-140** |





| Schaftlänge in mm *length of shaft in mm* | gerade/*straight* | gebogen/*curved* | Winkel in ° *angle in degree* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | Maulrichtung oben *cutting upwards* | Maulrichtung unten *cutting downwards* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Rongeur Koyama** | | | | | | | | |
| 140 | | • | | 4 | 9 | • | | **UT 4622-04-140** |
| **Rongeur Cushing** | | | | | | | | |
| 130 | • | | | 2 | 4,5 | | | **UT 4630-02-130** |
| 130 | • | | | 4 | 10,5 | | | **UT 4630-04-130** |
| 130 | • | | | 5 | 10,5 | | | **UT 4630-05-130** |
| 130 | • | | | 6 | 12 | | | **UT 4630-06-130** |
| **Rongeur Cushing** | | | | | | | | |
| 130 | | • | 150° | 3 | 10 | • | | **UT 4631-03-130** |
| 130 | | • | 150° | 4 | 10,5 | • | | **UT 4631-04-130** |
| 130 | | • | 150° | 5 | 10,5 | • | | **UT 4631-05-130** |
| **Rongeur Cushing** | | | | | | | | |
| 130 | | • | 150° | 3 | 10 | | • | **UT 4632-03-130** |
| 130 | | • | 150° | 4 | 10,5 | | • | **UT 4632-04-130** |

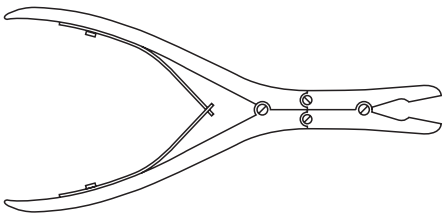






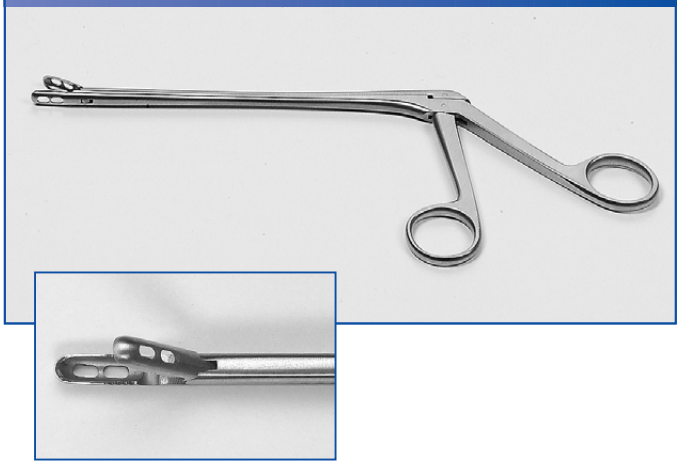


# Rongeure
*Rongeurs*



| Schaftlänge in mm *length of shaft in mm* | gerade/*straight* | gebogen/*curved* | Winkel in ° *angle in degree* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | Maulrichtung oben *cutting upwards* | Maulrichtung unten *cutting downwards* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Rongeur Caspar** | | | | | | | | |
| 140 | • | | | 2 | 12 | | | **UT 4640-02-140** |
| 160 | • | | | 2 | 12 | | | **UT 4640-02-160** |
| 185 | • | | | 2 | 12 | | | **UT 4640-02-185** |
| 140 | • | | | 3 | 12 | | | **UT 4640-03-140** |
| 160 | • | | | 3 | 12 | | | **UT 4640-03-160** |
| 185 | • | | | 3 | 12 | | | **UT 4640-03-185** |
| 140 | • | | | 4 | 14 | | | **UT 4640-04-140** |
| 160 | • | | | 4 | 14 | | | **UT 4640-04-160** |
| 185 | • | | | 4 | 14 | | | **UT 4640-04-185** |
| 160 | • | | | 5 | 14 | | | **UT 4640-05-160** |
| 185 | • | | | 5 | 14 | | | **UT 4640-05-185** |
| 160 | • | | | 6 | 16 | | | **UT 4640-06-160** |
| 185 | • | | | 6 | 16 | | | **UT 4640-06-185** |

**Rongeur Caspar**

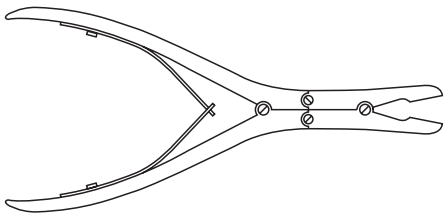


| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Rongeur Caspar** | | | | | | | | |
| 140 | | • | 150° | 2 | 12 | • | | **UT 4641-02-140** |
| 140 | | • | 150° | 3 | 12 | • | | **UT 4641-03-140** |
| 160 | | • | 150° | 3 | 12 | • | | **UT 4641-03-160** |
| 185 | | • | 150° | 3 | 12 | • | | **UT 4641-03-185** |
| 140 | | • | 150° | 4 | 14 | • | | **UT 4641-04-140** |
| 160 | | • | 150° | 4 | 14 | • | | **UT 4641-04-160** |
| 185 | | • | 150° | 4 | 14 | • | | **UT 4641-04-185** |
| 160 | | • | 150° | 5 | 14 | • | | **UT 4641-05-160** |
| 185 | | • | 150° | 5 | 14 | • | | **UT 4641-05-185** |

**Rongeur Caspar**

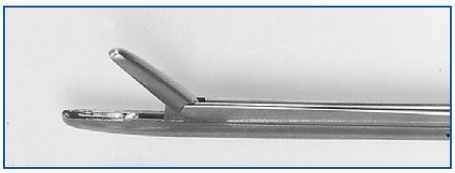


| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Rongeur Caspar** | | | | | | | | |
| 140 | | • | 150° | 3 | 12 | | • | **UT 4642-03-140** |
| 160 | | • | 150° | 3 | 12 | | • | **UT 4642-03-160** |
| 185 | | • | 150° | 3 | 12 | | • | **UT 4642-03-185** |
| 140 | | • | 150° | 4 | 14 | | • | **UT 4642-04-140** |
| 160 | | • | 150° | 4 | 14 | | • | **UT 4642-04-160** |
| 185 | | • | 150° | 4 | 14 | | • | **UT 4642-04-185** |



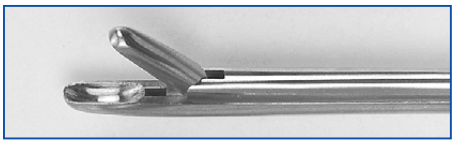
| Schaftlänge in mm *length of shaft in mm* | gerade/*straight* | gebogen/*curved* | Winkel in ° *angle in degree* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | Maulrichtung oben *cutting upwards* | Maulrichtung unten *cutting downwards* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Rongeur *Rongeur*** **Love-Grünwald *Love-Gruenwald*** | | | | | | | | |
| 130 | • | | | 2 | 10 | | | **UT 4650-02-130** |
| 180 | • | | | 2 | 10 | | | **UT 4650-02-180** |
| 130 | • | | | 3 | 10 | | | **UT 4650-03-130** |
| 180 | • | | | 3 | 10 | | | **UT 4650-03-180** |
| 130 | • | | | 4 | 10 | | | **UT 4650-04-130** |
| 180 | • | | | 4 | 10 | | | **UT 4650-04-180** |



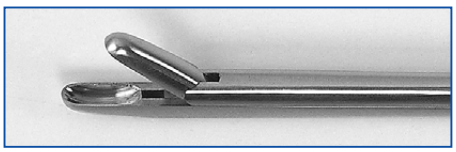


Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 4650-02-130/180



UT 4650-03-130/180

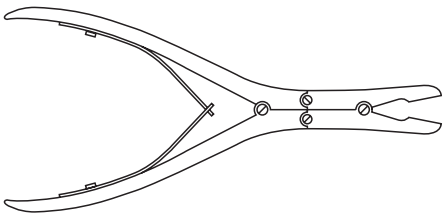


UT 4650-04-130/180

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Rongeur *Rongeur*** **Love-Grünwald *Love-Gruenwald*** | | | | | | | | |
| 180 | | • | 150° | 2 | 10 | • | | **UT 4651-02-180** |
| 180 | | • | 150° | 3 | 10 | • | | **UT 4651-03-180** |
| 180 | | • | 150° | 4 | 10 | • | | **UT 4651-04-180** |



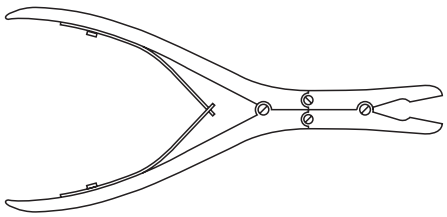
# Rongeure
*Rongeurs*



| Schaftlänge in mm *length of shaft in mm* | gerade/*straight* | gebogen/*curved* | Winkel in ° *angle in degree* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | Maulrichtung oben *cutting upwards* | Maulrichtung unten *cutting downwards* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Rongeur *Rongeur* — Love-Grünwald *Love-Gruenwald*** | | | | | | | | |
| 180 | | • | 150° | 2 | 10 | | • | **UT 4652-02-180** |
| 180 | | • | 150° | 3 | 10 | | • | **UT 4652-03-180** |
| 180 | | • | 150° | 4 | 10 | | • | **UT 4652-04-180** |
| 180 | | • | 150° | 6 | 10 | | • | **UT 4652-06-180** |
| **Rongeur — Ulrich** | | | | | | | | |
| 165 | • | | | 4 | 11 | | | **UT 4660-04-165** |
| 295 | • | | | 4 | 11 | | | **UT 4660-04-295** |
| 165 | • | | | 6 | 12 | | | **UT 4660-06-165** |
| 295 | • | | | 6 | 12 | | | **UT 4660-06-295** |
| 165 | • | | | 8 | 12 | | | **UT 4660-08-165** |
| 295 | • | | | 8 | 12 | | | **UT 4660-08-295** |







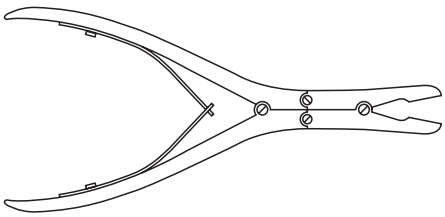
| Schaftlänge in mm *length of shaft in mm* | gerade/*straight* | gebogen/*curved* | Winkel in ° *angle in degree* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | Maulrichtung oben *cutting upwards* | Maulrichtung unten *cutting downwards* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Rongeur Ulrich** | | | | | | | | |
| 165 | | • | 150° | 4 | 11 | • | | **UT 4661-04-165** |
| 165 | | • | 150° | 6 | 12 | • | | **UT 4661-06-165** |
| 165 | | • | 150° | 8 | 12 | • | | **UT 4661-08-165** |



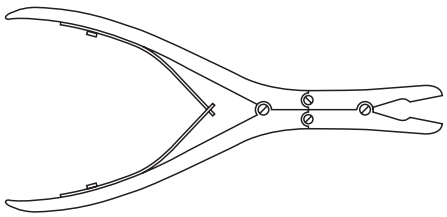
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Rongeur „heavy duty“** | | | | | | | | |
| 260 | • | | | 8 | 17 | | | **UT 4670-08-260** |



# Rongeure
*Rongeurs*



| | Schaftlänge in mm *length of shaft in mm* | gerade/*straight* | gebogen/*curved* | Winkel in ° *angle in degree* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | Maulrichtung oben *cutting upwards* | Maulrichtung unten *cutting downwards* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|---|
| **Rongeur „heavy duty“**  | 255 | | • | 150° | 8 | 17 | • | | **UT 4671-08-255** |
| **Rongeur „heavy duty“**  | 250 | | • | 120° | 8 | 17 | • | | **UT 4672-08-250** |



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Maulbreite in mm *jaw width in mm* | Winkel in ° *angle in degree* | Ø außen in mm *outer diam. in mm* | Ø innen in mm *inner diam. in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Handgriff zur Universalknochenstanze** **Ulrich**
***Handle for universal punch*** ***Ulrich***

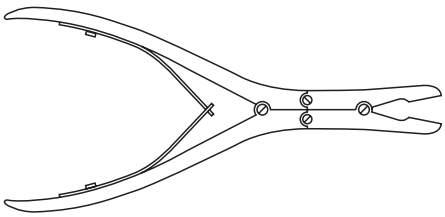


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 140 | 5 1/2 | | | | | | **UT 4800-14** |

**Besonderheiten / *specification***
Grifflänge 110 mm / *length of handle 110 mm*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | | | | **UT 4800-17** |

**Besonderheiten / *specification***
Grifflänge 140 mm / *length of handle 140 mm*



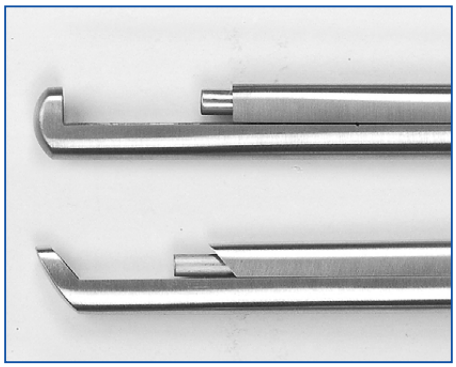
**Ansatz zur Universalknochenstanze** **Ulrich**
***Attachment for universal punch*** ***Ulrich***



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Maulbreite in mm *jaw width in mm* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| 205 | 8 | 170 | 2 | 90° | | | **UT 4810-02-170** |
| 280 | 11 | 245 | 2 | 90° | | | **UT 4810-02-245** |
| 205 | 8 | 170 | 3 | 90° | | | **UT 4810-03-170** |
| 280 | 11 | 245 | 3 | 90° | | | **UT 4810-03-245** |
| 205 | 8 | 170 | 4 | 90° | | | **UT 4810-04-170** |
| 280 | 11 | 245 | 4 | 90° | | | **UT 4810-04-245** |
| 205 | 8 | 170 | 5 | 90° | | | **UT 4810-05-170** |
| 280 | 11 | 245 | 5 | 90° | | | **UT 4810-05-245** |
| 205 | 8 | 170 | 6 | 90° | | | **UT 4810-06-170** |
| 280 | 11 | 245 | 6 | 90° | | | **UT 4810-06-245** |
| 205 | 8 | 170 | 2 | 135° | | | **UT 4811-02-170** |
| 280 | 11 | 245 | 2 | 135° | | | **UT 4811-02-245** |
| 205 | 8 | 170 | 3 | 135° | | | **UT 4811-03-170** |
| 280 | 11 | 245 | 3 | 135° | | | **UT 4811-03-245** |
| 205 | 8 | 170 | 4 | 135° | | | **UT 4811-04-170** |
| 280 | 11 | 245 | 4 | 135° | | | **UT 4811-04-245** |
| 205 | 8 | 170 | 5 | 135° | | | **UT 4811-05-170** |
| 280 | 11 | 245 | 5 | 135° | | | **UT 4811-05-245** |
| 205 | 8 | 170 | 6 | 135° | | | **UT 4811-06-170** |
| 280 | 11 | 170 | 6 | 135° | | | **UT 4811-06-245** |

**Besonderheiten / *specification***

Schneidrichtung universal; Ansatz 360° um die Längsachse drehbar, Hub 20 mm / *universal cutting; attachement rotatable 360°, stroke 20 mm*

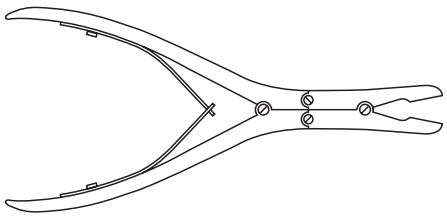


Detailabbildung / *details*

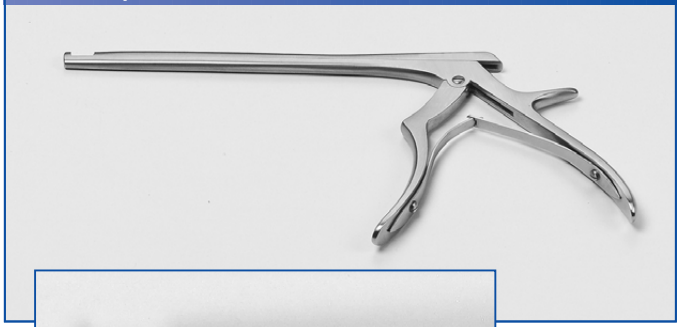
Maßstab / *scale* 1:1

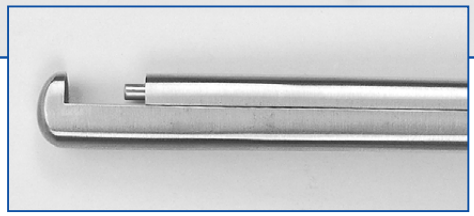
UT 4810-02-170

UT 4811-02-170



**Knochenstanze** **Kerrison**
***Kerrison punch*** ***Kerrison***

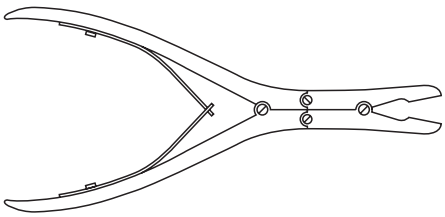




| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Maulbreite in mm *jaw width in mm* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| | | 180 | 1 | 90° | | | **UT 4820-01-180** |
| | | 180 | 2 | 90° | | | **UT 4820-02-180** |
| | | 200 | 2 | 90° | | | **UT 4820-02-200** |
| | | 230 | 2 | 90° | | | **UT 4820-02-230** |
| | | 180 | 3 | 90° | | | **UT 4820-03-180** |
| | | 200 | 3 | 90° | | | **UT 4820-03-200** |
| | | 230 | 3 | 90° | | | **UT 4820-03-230** |
| | | 300 | 3 | 90° | | | **UT 4820-03-300** |
| | | 180 | 4 | 90° | | | **UT 4820-04-180** |
| | | 200 | 4 | 90° | | | **UT 4820-04-200** |
| | | 230 | 4 | 90° | | | **UT 4820-04-230** |
| | | 180 | 5 | 90° | | | **UT 4820-05-180** |
| | | 200 | 5 | 90° | | | **UT 4820-05-200** |
| | | 230 | 5 | 90° | | | **UT 4820-05-230** |
| | | 300 | 5 | 90° | | | **UT 4820-05-300** |
| | | 180 | 6 | 90° | | | **UT 4820-06-180** |

**Besonderheiten / *specification***

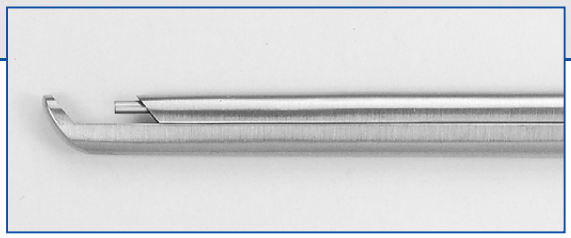
Schneidrichtung oben; mit Auswerfer, außer UT 4820-01-180 /
*upwards cutting; ejector pin included, except UT 4820-01-180*



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Maulbreite in mm *jaw width in mm* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| | | 180 | 1 | 130° | | | **UT 4821-01-180** |
| | | 180 | 2 | 130° | | | **UT 4821-02-180** |
| | | 200 | 2 | 130° | | | **UT 4821-02-200** |
| | | 230 | 2 | 130° | | | **UT 4821-02-230** |
| | | 180 | 3 | 130° | | | **UT 4821-03-180** |
| | | 200 | 3 | 130° | | | **UT 4821-03-200** |
| | | 230 | 3 | 130° | | | **UT 4821-03-230** |
| | | 300 | 3 | 130° | | | **UT 4821-03-300** |
| | | 180 | 4 | 130° | | | **UT 4821-04-180** |
| | | 200 | 4 | 130° | | | **UT 4821-04-200** |
| | | 230 | 4 | 130° | | | **UT 4821-04-230** |
| | | 180 | 5 | 130° | | | **UT 4821-05-180** |
| | | 200 | 5 | 130° | | | **UT 4821-05-200** |
| | | 230 | 5 | 130° | | | **UT 4821-05-230** |
| | | 300 | 5 | 130° | | | **UT 4821-05-300** |
| | | 200 | 6 | 130° | | | **UT 4821-06-200** |

**Knochenstanze** **Kerrison**
***Kerrison punch*** ***Kerrison***



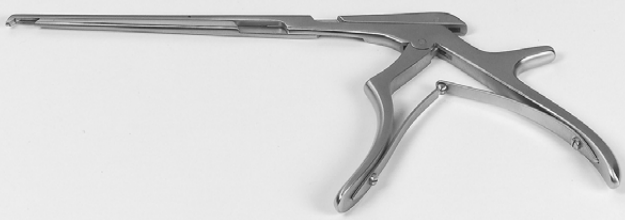


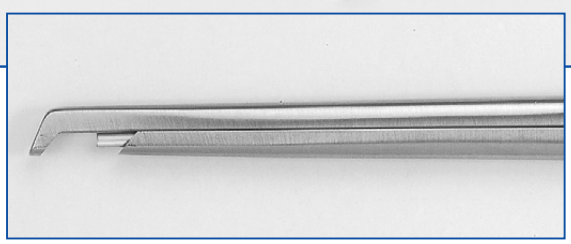
**Besonderheiten / *specification***

Schneidrichtung oben; mit Auswerfer, außer UT 4821–01-180 /
*upwards cutting; ejector pin included, except UT 4821–01-180*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 180 | 1 | 130° | | | **UT 4822-01-180** |
| | | 180 | 2 | 130° | | | **UT 4822-02-180** |
| | | 230 | 2 | 130° | | | **UT 4822-02-230** |
| | | 180 | 3 | 130° | | | **UT 4822-03-180** |
| | | 230 | 3 | 130° | | | **UT 4822-03-230** |
| | | 180 | 4 | 130° | | | **UT 4822-04-180** |
| | | 230 | 4 | 130° | | | **UT 4822-04-230** |
| | | 180 | 5 | 130° | | | **UT 4822-05-180** |
| | | 230 | 5 | 130° | | | **UT 4822-05-230** |

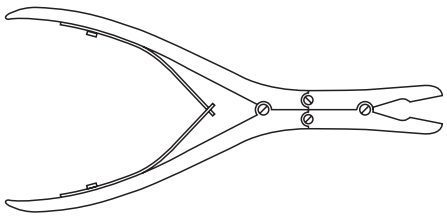
**Knochenstanze** **Kerrison**
***Kerrison punch*** ***Kerrison***





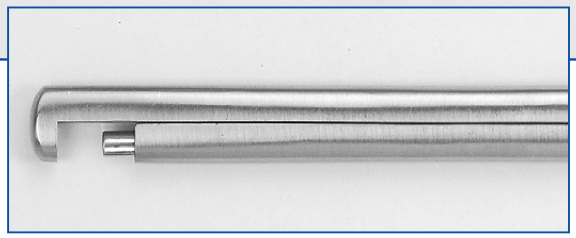
**Besonderheiten / *specification***

Schneidrichtung unten; mit Auswerfer, außer UT 4822–01–180 /
*downwards cutting; ejector pin included, except UT 4822–01–180*



**Knochenstanze** **Kerrison**
***Kerrison punch*** ***Kerrison***

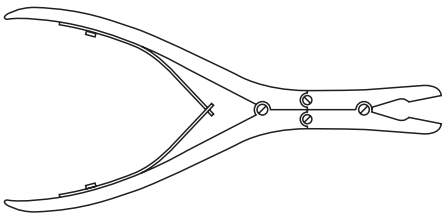




| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Maulbreite in mm *jaw width in mm* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| | | 180 | 1 | 90° | | | **UT 4823-01-180** |
| | | 180 | 2 | 90° | | | **UT 4823-02-180** |
| | | 200 | 2 | 90° | | | **UT 4823-02-200** |
| | | 230 | 2 | 90° | | | **UT 4823-02-230** |
| | | 180 | 3 | 90° | | | **UT 4823-03-180** |
| | | 200 | 3 | 90° | | | **UT 4823-03-200** |
| | | 230 | 3 | 90° | | | **UT 4823-03-230** |
| | | 180 | 4 | 90° | | | **UT 4823-04-180** |
| | | 200 | 4 | 90° | | | **UT 4823-04-200** |
| | | 230 | 4 | 90° | | | **UT 4823-04-230** |
| | | 180 | 5 | 90° | | | **UT 4823-05-180** |
| | | 200 | 5 | 90° | | | **UT 4823-05-200** |
| | | 230 | 5 | 90° | | | **UT 4823-05-230** |

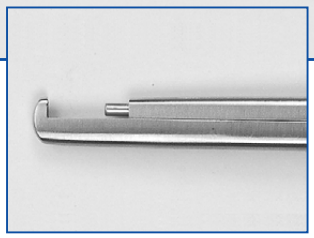
**Besonderheiten / *specification***

Schneidrichtung unten; mit Auswerfer, außer UT 4823–01–180 /
*downwards cutting; ejector pin included, except UT 4823–01–180*



**Knochenstanze, Plattfuß** — **Kerrison**
***Kerrison punch, thin footplate*** — ***Kerrison***

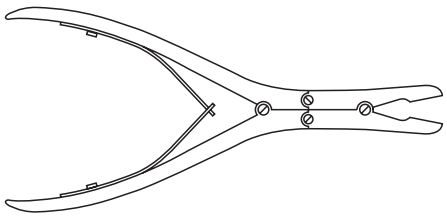




| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Maulbreite in mm *jaw width in mm* | Winkel in ° *angle in degree* | Schneidrichtung unten *downwards cutting* | Schneidrichtung oben *upwards cutting* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| | | 180 | 3 | 90° | | • | **UT 4830-03-180** |
| | | 250 | 3 | 90° | | • | **UT 4830-03-250** |
| | | 180 | 5 | 90° | | • | **UT 4830-05-180** |
| | | 250 | 5 | 90° | | • | **UT 4830-05-250** |
| | | 180 | 1 | 130° | | • | **UT 4831-01-180** |
| | | 180 | 2 | 130° | | • | **UT 4831-02-180** |
| | | 250 | 2 | 130° | | • | **UT 4831-02-250** |
| | | 180 | 3 | 130° | | • | **UT 4831-03-180** |
| | | 250 | 3 | 130° | | • | **UT 4831-03-250** |
| | | 180 | 4 | 130° | | • | **UT 4831-04-180** |
| | | 250 | 4 | 130° | | • | **UT 4831-04-250** |
| | | 180 | 5 | 130° | | • | **UT 4831-05-180** |
| | | 250 | 5 | 130° | | • | **UT 4831-05-250** |
| | | 180 | 1 | 130° | • | | **UT 4832-01-180** |
| | | 180 | 2 | 130° | • | | **UT 4832-02-180** |
| | | 180 | 3 | 130° | • | | **UT 4832-03-180** |
| | | 180 | 4 | 130° | • | | **UT 4832-04-180** |
| | | 180 | 5 | 130° | • | | **UT 4832-05-180** |

**Besonderheiten / *specification***

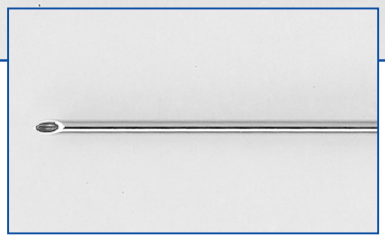
mit Auswerfer, außer UT 4831-01-180 und UT 4832-01-180 /
*ejector pin included, except UT 4831-01-180 and UT 4832-01-180*



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | SØ außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Aspirationsbiopsienadel für Beckenkamm** — **Universität Ulm**
***Aspiration needle for the illiac chrest*** — ***University of Ulm***



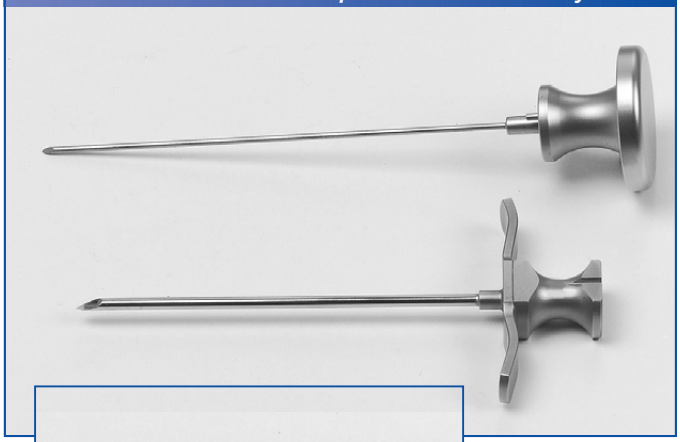


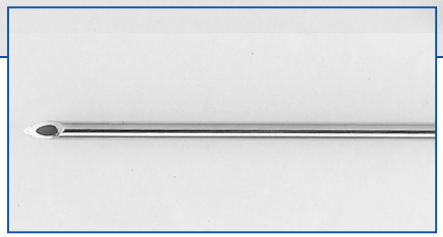
| 78 | 3 | 55 | 2 1/4 | | 2 | 1,4 | **UT 4902-06** |
|---|---|---|---|---|---|---|---|

**Besonderheiten / *specification***

Facettenschliff, inkl. Mandrin, scharf (86 mm, Ø 1,35 mm) / *facet tip, mandrin included, sharp (86 mm, Ø 1.35 mm)*

**Blocknadel für Knochenmarktransplantation** — **Universität Ulm**
***Needle for bone marrow transplantation*** — ***University of Ulm***

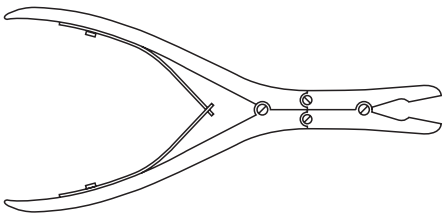




| 107 | 4 3/8 | 80 | 3 1/8 | | 2,5 | | **UT 4903-08** |
|---|---|---|---|---|---|---|---|

**Besonderheiten / *specification***

Facettenschliff, inkl. Mandrin, scharf (127 mm, Ø 1,4 mm, Tellerdurchmesser 30 mm) / *facet tip, mandrin included, sharp (127 mm, Ø 1.4 mm, handle Ø 30 mm)*



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Beckenkammbiopsiekanüle** **Universität Ulm**
***Biopsy needle*** ***University of Ulm***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 140 | 5 1/2 | 95 | 3 3/4 | | 3,3 | 2,1 | **UT 4913-10** |
| 165 | 6 1/2 | 125 | 5 | | 3,3 | 2,1 | **UT 4913-13** |
| 140 | 5 1/2 | 95 | 3 3/4 | | 4 | 3,1 | **UT 4914-10** |

**Besonderheiten / *specification***

LL-Ansatz, inkl. 2 Mandrins, scharf und stumpf, sowie Handtellerdruckplatte / *luer lock, 2 mandrins, sharp and blunt, and pusher included*

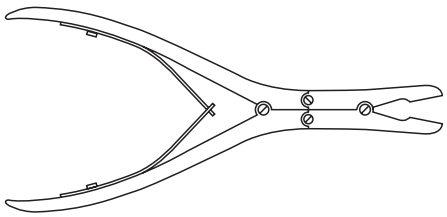
**Ersatzinstrumente / *spare instruments:***

**Handtellerdruckplatte für Biopsiekanüle, Universität Ulm / *Pusher for biopsy needle, University of Ulm***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | 30 | | **UT 4918-00** |

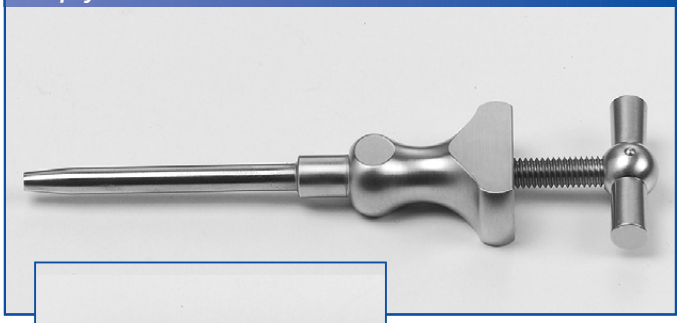
**Mandrin stumpf, Universität Ulm / *Mandrin, blunt, University of Ulm***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 165 | 6 1/2 | 145 | 5 3/4 | | 1,9 | | **UT 4923-17** |
| 195 | 7 3/4 | 175 | 7 | | 1,9 | | **UT 4923-20** |
| 165 | 6 1/2 | 145 | 5 3/4 | | 2,7 | | **UT 4924-17** |



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Beckenkammbiopsiekanüle** **Barthelheimer**
***Biopsy needle*** ***Barthelheimer***

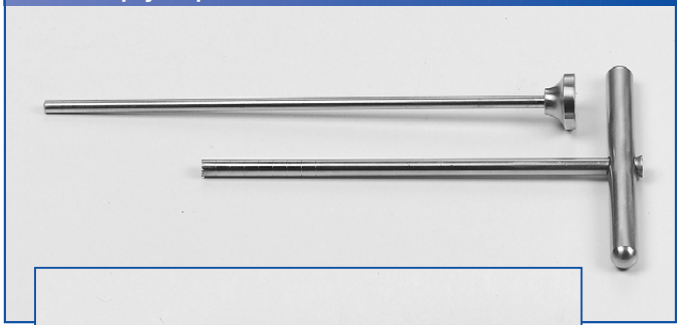


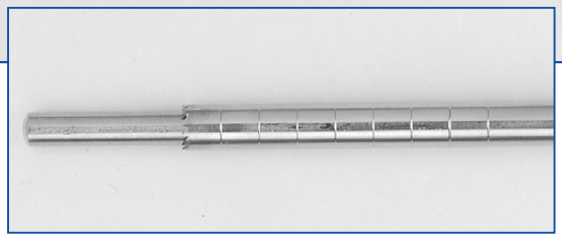


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 90 | 3 1/2 | 50 | 2 | | 5 | 3 | **UT 4925-05** |
| 90 | 3 1/2 | 50 | 2 | | 6 | 4 | **UT 4926-05** |

**Besonderheiten / *specification***
inkl. Mandrin, stumpf, mit Gewinde / *mandrins, blunt and threaded included*

**Knochenhohlfräser** **Ulrich**
***Bone biopsy trephine*** ***Ulrich***





| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 155 | 6 1/8 | 140 | 5 1/2 | | 4 | 3 | **UT 4934-14** |

**Besonderheiten / *specification***
Griffbreite 100 mm, Schaft graduiert, inkl. Ausstoßmandrin, stumpf (175 mm, Ø 2,5 mm) / *handle width 100 mm, shaft graduated, ejector mandrin included, blunt (175 mm, Ø 2.5 mm)*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 155 | 6 1/8 | 140 | 5 1/2 | | 5 | 4 | **UT 4935-14** |

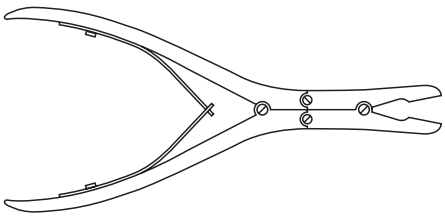
**Besonderheiten / *specification***
Griffbreite 100 mm, Schaft graduiert, inkl. Ausstoßmandrin, stumpf (175 mm, Ø 4 mm) / *handle width 100 mm, shaft graduated, ejector mandrin included, blunt (175 mm, Ø 4 mm)*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 155 | 6 1/8 | 140 | 5 1/2 | | 6 | 5 | **UT 4936-14** |

**Besonderheiten / *specification***
Griffbreite 100 mm, Schaft graduiert, inkl. Ausstoßmandrin, stumpf (175 mm, Ø 4,5 mm) / *handle width 100 mm, shaft graduated, ejector mandrin included, blunt (175 mm, Ø 4.5 mm)*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 155 | 6 1/8 | 140 | 5 1/2 | | 8 | 7 | **UT 4938-14** |

**Besonderheiten / *specification***
Griffbreite 100 mm, Schaft graduiert, inkl. Ausstoßmandrin, stumpf (175 mm, Ø 6,5 mm) / *handle width 100 mm, shaft graduated, ejector mandrin included, blunt (175 mm, Ø 6.5 mm)*



| | Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Knochenhohlfräser** **Streli**<br>***Bone biopsy trephine*** ***Streli*** | 210 | 8 1/4 | 195 | 7 3/4 | | 10 | 8,1 | **UT 4940-20** |

**Besonderheiten / *specification***
Griffbreite 100 mm / *handle width 100 mm*



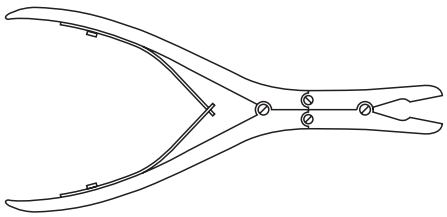
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Mandrin, scharf** **Streli**<br>***Mandrin, sharp*** ***Streli*** | 250 | 9 7/8 | 225 | 8 7/8 | | 8 | | **UT 4941-25** |

**Besonderheiten / *specification***
Trokarspitze / *trocar tip*



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Ausstoßmandrin** **Streli**<br>***Push-out mandrin*** ***Streli*** | 235 | 9 1/4 | 210 | 8 1/4 | | 8 | | **UT 4942-24** |





| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Knochenhohlfräser** ***Bone trephine*** | | | | | | | |
| 275 | 10 7/8 | 250 | 9 7/8 | | 14 | 11 | **UT 4950-14-250** |
| 275 | 10 7/8 | 250 | 9 7/8 | | 16 | 13 | **UT 4950-16-250** |
| 275 | 10 7/8 | 250 | 9 7/8 | | 18 | 15 | **UT 4950-18-250** |
| 275 | 10 7/8 | 250 | 9 7/8 | | 20 | 17 | **UT 4950-20-250** |
| 275 | 10 7/8 | 250 | 9 7/8 | | 22 | 19 | **UT 4950-22-250** |
| 275 | 10 7/8 | 250 | 9 7/8 | | 24 | 21 | **UT 4950-24-250** |

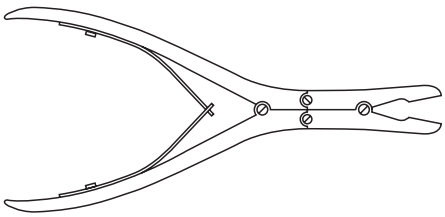


**Besonderheiten / *specification***
für subchondrale Spongiosaplastik / *for subchondral spongiosaplasty*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Handgriff für Knochenhohlfräser** ***Handle for bone trephine*** | | | | | | | |
| 140 | 5 1/2 | | | | | | **UT 4951-14** |



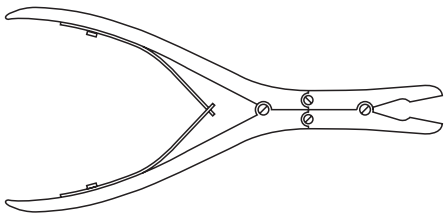
**Besonderheiten / *specification***
Griffbreite 100 mm / *handle width 100 mm*



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Ausstoßmandrin** ***Push-out mandrin*** | | | | | | | |
| 295 | 11 5/8 | | | | 10,5 | | **UT 4952-30** |
| **Extraktionsinstrument für Knochenbolzen** ***Extractor*** | | | | | | | |
| 290 | 11 1/2 | | | | | | **UT 4953-29** |

**Besonderheiten / *specification***

Griffbreite 80 mm, Schaftdurchmesser 6 mm / *handle width 80 mm, shaft Ø 6 mm*



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

## Stanzinstrumentarium
***Punch trephine set***

**klein / *small***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | **UT 4960-01** |

**Besonderheiten / *specification***

bestehend aus / *consisting of* UT 4961-09-110, UT 4962-07-240, UT 4963-05-255 und / *and* UT 4964-05-260

**groß / *large***

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | **UT 4960-02** |

**Besonderheiten / *specification***

bestehend aus / *consisting of* UT 4961-11-110, UT 4962-09-240, UT 4963-06-255 und / *and* UT 4964-06-260

## Außenstanze mit Trokar
***Exterior punch trephine with trocar***

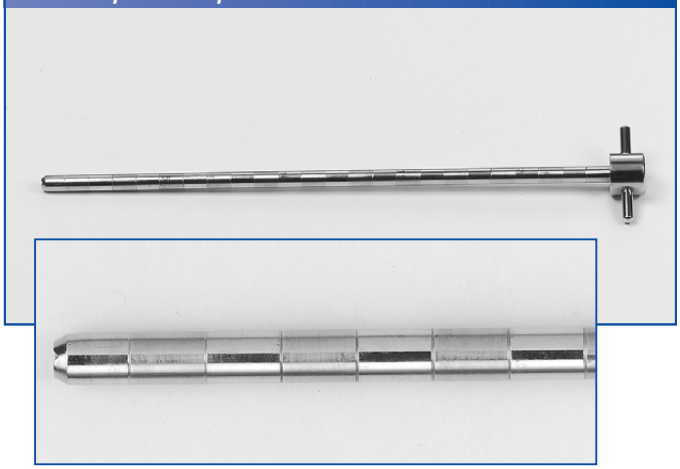


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 125 | 5 | 110 | 4 3/8 | | 8,7 | 7,1 | **UT 4961-09-110** |
| 125 | 5 | 110 | 4 3/8 | | 10,7 | 9,1 | **UT 4961-11-110** |

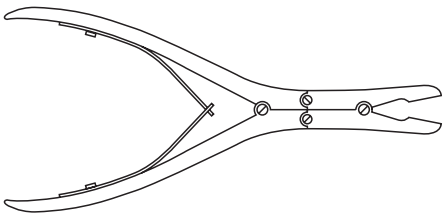
**Besonderheiten / *specification***

Schaft graduiert, Mandrinlänge 145 mm / *shaft graduated, length of mandrin 145 mm*

## Innenstanzrohr
***Interior punch trephine***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 255 | 10 | 240 | 9 1/2 | | 7 | 4,6 | **UT 4962-07-240** |
| 255 | 10 | 240 | 9 1/2 | | 9 | 6,1 | **UT 4962-09-240** |



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Mandrin, stumpf** ***Mandrin, blunt*** | | | | | | | |
| 265 | 10 1/2 | 255 | 10 | | 4,5 | | **UT 4963-05-255** |
| 265 | 10 1/2 | 255 | 10 | | 5,5 | | **UT 4963-06-255** |



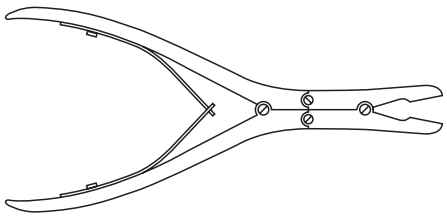
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Mandrin, scharf** ***Mandrin, sharp*** | | | | | | | |
| 270 | 10 5/8 | 260 | 10 1/4 | | 4,5 | | **UT 4964-05-260** |
| 270 | 10 5/8 | 260 | 10 1/4 | | 6 | | **UT 4964-06-260** |

**Besonderheiten / *specification***
Trokarspitze / *trocar tip*



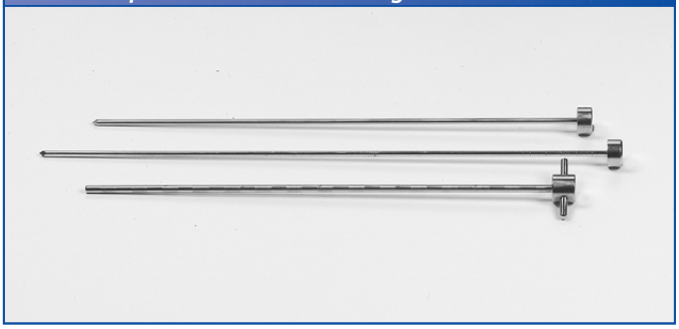
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Handgriff zu Stanzinstrumentarium** ***Handle for punch trephine instrumentarium*** | | | | | | | |
| 135 | 5 1/4 | | | | | | **UT 4965-14** |

**Besonderheiten / *specification***
Griffbreite 100 mm / *handle width 100 mm*



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

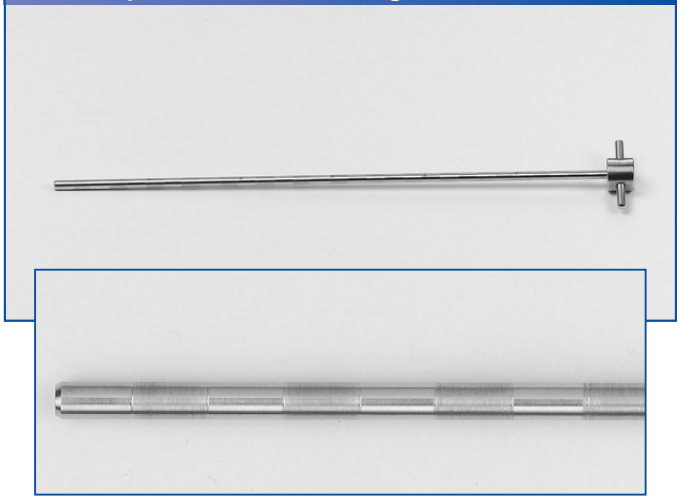
**Stanzinstrumentarium** **Wagner**
***Punch trephine set*** ***Wagner***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | **UT 4970-00** |

**Besonderheiten / *specification***
bestehend aus / *consisting of* UT 4971-05-300, UT 4972-04-315, UT 4972-04-365

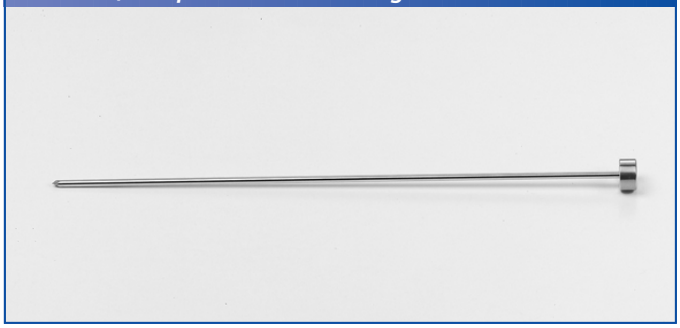
**Stanzrohr** **Wagner**
***Punch trephine*** ***Wagner***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 315 | 12 3/8 | 300 | 11 7/8 | | 5 | 4,1 | **UT 4971-05-300** |

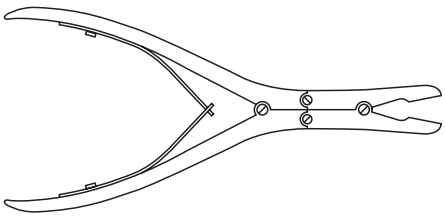
**Besonderheiten / *specification***
Schaft graduiert / *shaft graduated*

**Mandrin, scharf** **Wagner**
***Mandrin, sharp*** ***Wagner***



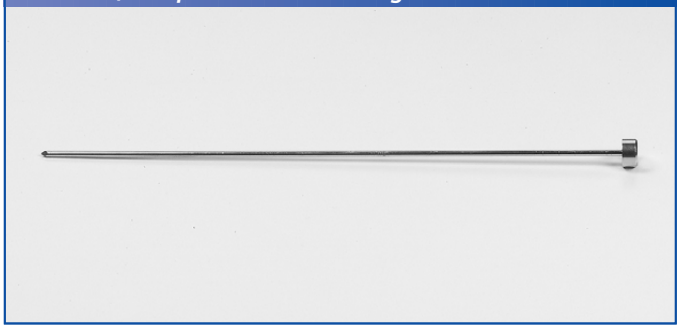
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 325 | 12 7/8 | 315 | 12 3/8 | | 4 | | **UT 4972-04-315** |

**Besonderheiten / *specification***
Trokarspitze / *trocar tip*



| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Mandrin, scharf** — **Wagner**
***Mandrin, sharp*** — ***Wagner***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 375 | 14 3/4 | 365 | 14 3/8 | | 4 | | **UT 4972-04-365** |

**Besonderheiten / *specification***

Trokarspitze, Schaft oben graduiert / *trocar tip, shaft partially graduated*

**Mandrin, stumpf** — **Wagner**
***Mandrin, blunt*** — ***Wagner***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 325 | 12 7/8 | 315 | 12 3/8 | | 4 | | **UT 4973-04-315** |

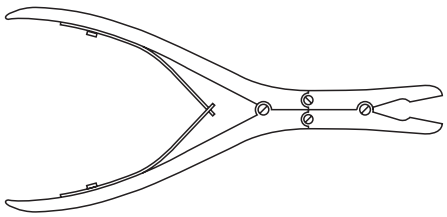
**Stanzrohr mit Außenanschliff**
***Punch trephine, outside cutting***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 125 | 5 | 100 | 4 | | 19,5 | 16,5 | **UT 4980-17** |
| 125 | 5 | 100 | 4 | | 25,5 | 22,5 | **UT 4980-23** |
| 125 | 5 | 100 | 4 | | 36 | 32,5 | **UT 4980-33** |

**Besonderheiten / *specification***

zur autogenen Knorpeltransplantation / *for auto logous cartilage transplantation*



**Stanzrohr mit Innenanschliff**
***Punch trephine, inside cutting***



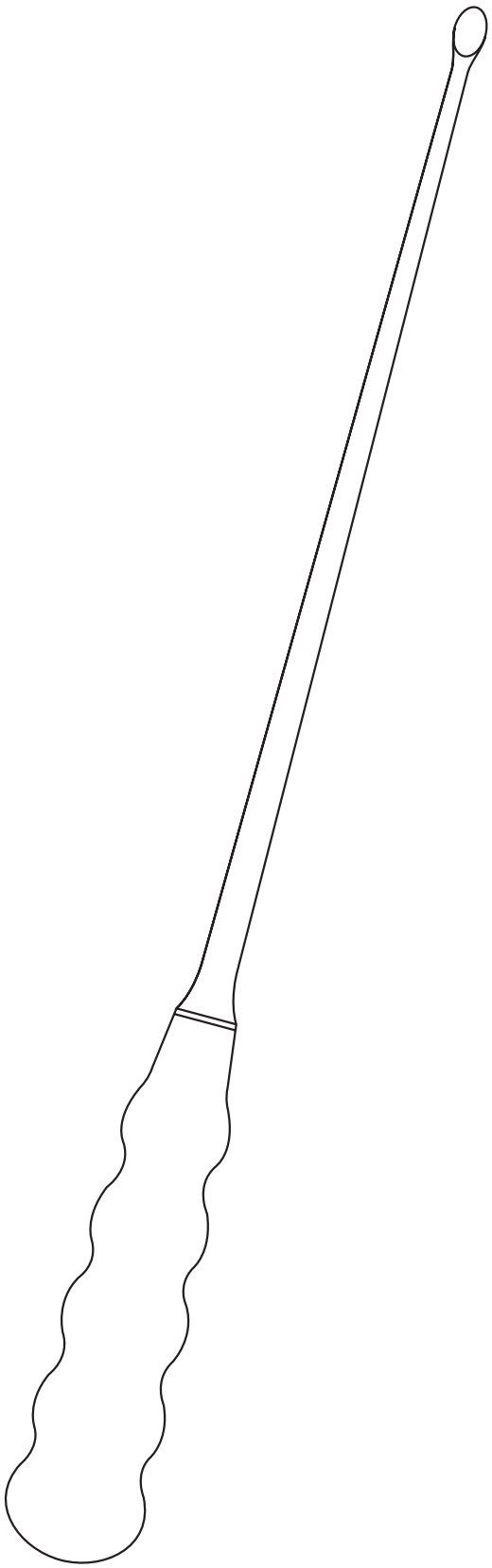
| Länge in mm *length in mm* | Länge in inch *length in mm* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Winkel in ° *angle in degree* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| 125 | 5 | 100 | 4 | | 16 | 13 | **UT 4981-16** |
| 125 | 5 | 100 | 4 | | 22 | 19 | **UT 4981-22** |
| 125 | 5 | 100 | 4 | | 32 | 29 | **UT 4981-32** |

**Besonderheiten / *specification***

zur autogenen Knorpeltransplantation / *for auto logous cartilage transplantation*

# 4.4

# 5




Meßinstrumente, Diagnostik
Tourniquet, Extension
Cerclagedrähte und -instrumente
*Measuring and diagnostic devices*
*tourniquet, extension*
*wire and instruments for cerclage*

Dissektoren, Elevatorien
Raspatorien, Knochenhebel
Knochenfasszangen
*Dissectors, elevators*
*raspatories, bone levers*
*bone holding forceps*

Meißel, Stößel
Hämmer, Gipsinstrumente
*Chisels / osteotomes, tampers*
*mallets, plaster instruments*

Knochensplitterzangen, Hohlmeißel-
zangen, Rongeure, Knochenstanzen
Knochenfräsen, Biopsiekanülen
*Bone cutting forceps, bone rongeurs*
*rongeurs, punches, cutters*
*biopsy cannulas*

**Küretten, scharfe Löffel**
**Knochenfeilen**
***Curettes, spoon curettes***
***bone files***

Kopfchirurgie
Schulterchirurgie
*Cranial surgery*
*Shoulder surgery*

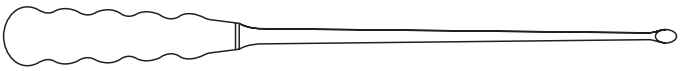
Hand- und Fußchirurgie
*Hand and foot surgery*

Becken-, Extremitäten- und
Kniechirurgie
*Pelvis, extremities and*
*knee surgery*

Plastische Chirurgie
*Plastic surgery*

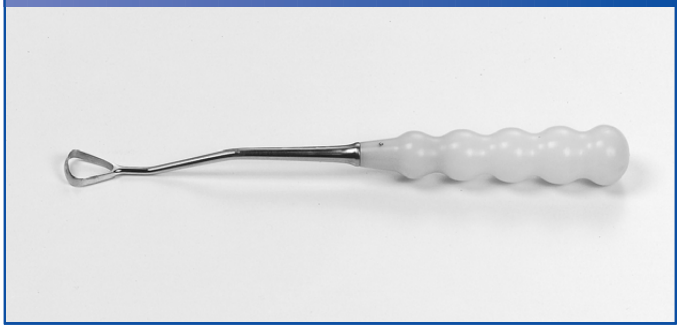
Stichwortverzeichnis
*Index*

# Küretten
*Curettes*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Breite in mm *width in mm* | gerade/*straight* | gebogen/*curved* | gewinkelt/*angled* | Winkel in ° *angle in degree* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|

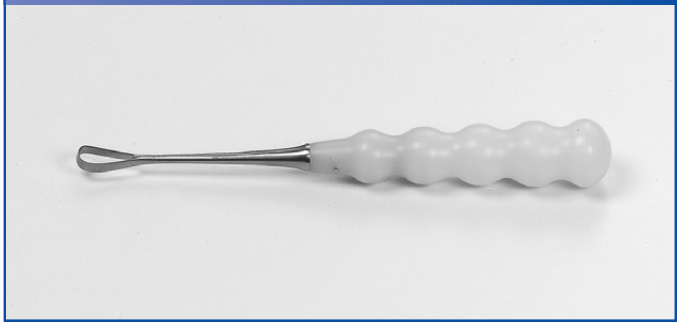
## Patellakürette — Muhr
## *Patella curette* — *Muhr*



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 130 | 19 | | • | | 20 | **UT 5011-25** |
| 250 | 9 7/8 | 130 | 17 | | • | | 20 | **UT 5012-25** |
| 250 | 9 7/8 | 130 | 13 | | • | | 20 | **UT 5013-25** |

**Besonderheiten / *specification***
einseitig scharf, s-förmig gewinkelt, Kunststoffgriff /
*one sharp edge, s-shape, plastic handle*

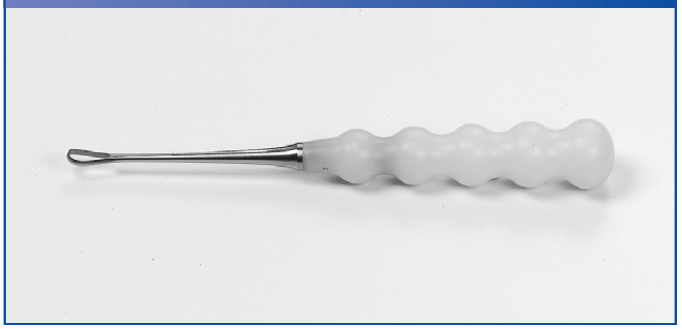
## Zwischenwirbelkürette — Zielke
## *Intersomatic curette* — *Zielke*



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 210 | 8 1/4 | 90 | 8 | • | | | | **UT 5020-08-210** |
| 250 | 9 7/8 | 130 | 8 | • | | | | **UT 5020-08-250** |
| 300 | 11 7/8 | 180 | 8 | • | | | | **UT 5020-08-300** |
| 350 | 13 3/4 | 230 | 8 | • | | | | **UT 5020-08-350** |
| 210 | 8 1/4 | 90 | 11 | • | | | | **UT 5020-11-210** |
| 250 | 9 7/8 | 130 | 11 | • | | | | **UT 5020-11-250** |
| 300 | 11 7/8 | 180 | 11 | • | | | | **UT 5020-11-300** |
| 350 | 13 3/4 | 230 | 11 | • | | | | **UT 5020-11-350** |

**Besonderheiten / *specification***
einseitig scharf, Kunststoffgriff / *one sharp edge, plastic handle*

## Zwischenwirbelkürette — Zielke
## *Intersomatic curette* — *Zielke*



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 210 | 8 1/4 | 90 | 8 | • | | | | **UT 5030-08-210** |
| 250 | 9 7/8 | 130 | 8 | • | | | | **UT 5030-08-250** |
| 350 | 13 3/4 | 230 | 8 | • | | | | **UT 5030-08-350** |
| 210 | 8 1/4 | 90 | 11 | • | | | | **UT 5030-11-210** |
| 250 | 9 7/8 | 130 | 11 | • | | | | **UT 5030-11-250** |
| 350 | 13 3/4 | 230 | 11 | • | | | | **UT 5030-11-350** |

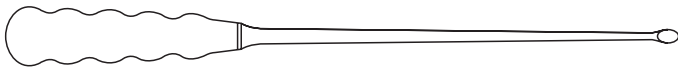
**Besonderheiten / *specification***
beidseitig scharf, Kunststoffgriff / *two sharp edges, plastic handle*

## Zwischenwirbelkürette — Zielke
## *Intersomatic curette* — *Zielke*



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 130 | 8 | | | • | 45 | **UT 5040-08-250** |
| 250 | 9 7/8 | 130 | 11 | | | • | 45 | **UT 5040-11-250** |
| 300 | 11 7/8 | 180 | 8 | | | • | 20 | **UT 5041-08-300** |
| 300 | 11 7/8 | 180 | 11 | | | • | 20 | **UT 5041-11-300** |
| 350 | 13 3/4 | 230 | 8 | | | • | 10 | **UT 5042-08-350** |
| 350 | 13 3/4 | 230 | 11 | | | • | 10 | **UT 5042-11-350** |

**Besonderheiten / *specification***
beidseitig scharf, Kunststoffgriff / *two sharp edges, plastic handle*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Breite in mm *width in mm* | gerade/*straight* | gebogen/*curved* | gewinkelt/*angled* | Winkel in ° *angle in degree* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|

**Kürette** **Caspar**
***Curette*** ***Caspar***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 220 | 8 3/4 | 120 | 4 | | | • | 15 | **UT 5064-22** |
| 220 | 8 3/4 | 120 | 5 | | | • | 15 | **UT 5065-22** |
| 220 | 8 3/4 | 120 | 6 | | | • | 15 | **UT 5066-22** |

**Besonderheiten / *specification***
einseitig scharf, gezahnt, Griff Schichtpreßstoff / *one sharp edge, serrated, handle moulded laminated material*

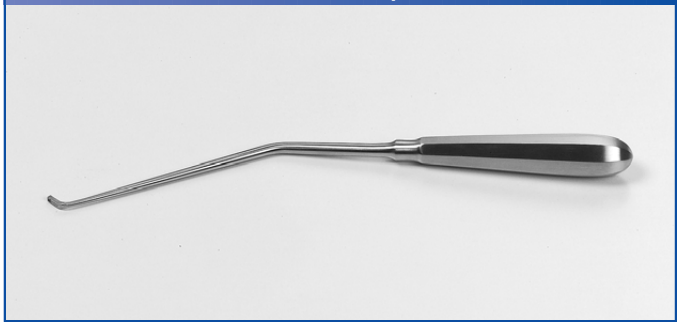
**Kürette** **Caspar**
***Curette*** ***Caspar***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 140 | 4 | | | • | 15 | **UT 5074-25** |
| 250 | 9 7/8 | 140 | 5 | | | • | 15 | **UT 5075-25** |

**Besonderheiten / *specification***
einseitig scharf, gezahnt / *one sharp edge, serrated*

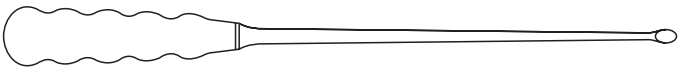
**Kürette** **Caspar**
***Curette*** ***Caspar***



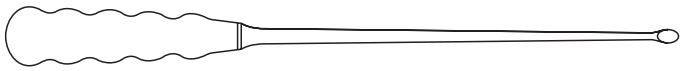
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 270 | 10 5/8 | 170 | 3 | | | • | 30/70 | **UT 5083-27** |
| 270 | 10 5/8 | 170 | 4 | | | • | 30/70 | **UT 5084-27** |

**Besonderheiten / *specification***
einseitig scharf, gezahnt, s-förmig gewinkelt / *one sharp edge, serrated, s-shape*

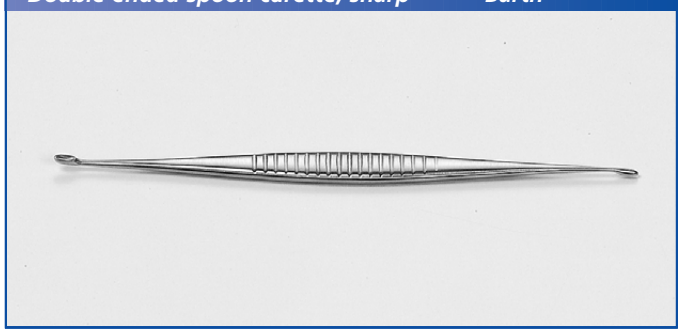
# Scharfe Löffel
## *spoon curettes*

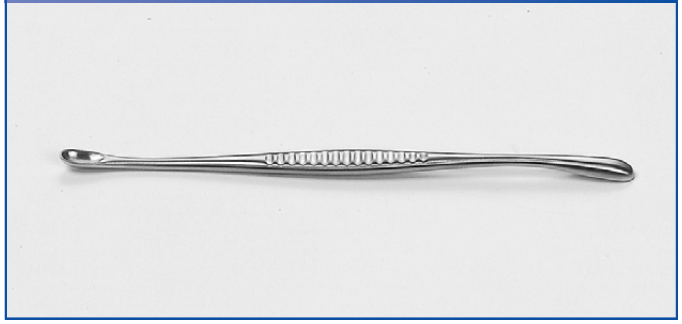


| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Scharfer Doppellöffel** ***Double ended spoon curette, sharp*** — **Martini** ***Martini*** | | | | | | | | |
| 140 | 5 1/2 | | 2,4/3,2 | | | • | | **UT 5313-14** |
| 140 | 5 1/2 | | 3,2/4 | | | • | | **UT 5314-14** |
| **Scharfer Doppellöffel** ***Double ended spoon curette, sharp*** — **Jacobson** ***Jacobson*** | | | | | | | | |
| 140 | 5 1/2 | | | 3,5/4,5 | 5,5/8 | • | | **UT 5320-14** |
| **Scharfer Doppellöffel** ***Double ended spoon curette, sharp*** — **Williger** ***Williger*** | | | | | | | | |
| 140 | 5 1/2 | | | 3/3,5 | 4/7 | • | | **UT 5325-14** |
| **Scharfer Doppellöffel** ***Double ended spoon curette, sharp*** — **Jansen** ***Jansen*** | | | | | | | | |
| 160 | 6 1/4 | | 3,5/4,5 | | | • | | **UT 5330-16** |



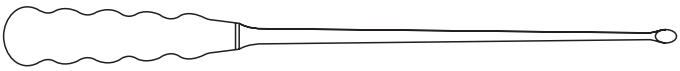
| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Scharfer Doppellöffel** **Barth** *Double ended spoon curette, sharp* *Barth* | | | | | | | | |
| 180 | 7 | | | 2,5/3,2 | 6/7 | • | | **UT 5335-18** |
| **Scharfer Doppellöffel** **Volkmann** *Double ended spoon curette, sharp* *Volkmann* | | | | | | | | |
| 130 | 5 1/8 | | | 6/7 | 10/20 | • | | **UT 5340-13** |
| 145 | 5 3/4 | | | 6/7 | 10/18 | • | | **UT 5340-15** |
| 170 | 6 3/4 | | | 6,2/7 | 14/20 | • | | **UT 5340-17** |
| **Scharfer Doppellöffel** *Double ended spoon curette, sharp* | | | | | | | | |
| 130 | 5 1/8 | | 7 | 6 | 10 | • | | **UT 5345-13** |
| 160 | 6 1/4 | | 9 | 7 | 13 | • | | **UT 5345-16** |
| 200 | 7 7/8 | | 11 | 8,5 | 17 | • | | **UT 5345-20** |
| 210 | 8 1/4 | | 7 | 6 | 9 | • | | **UT 5345-21** |



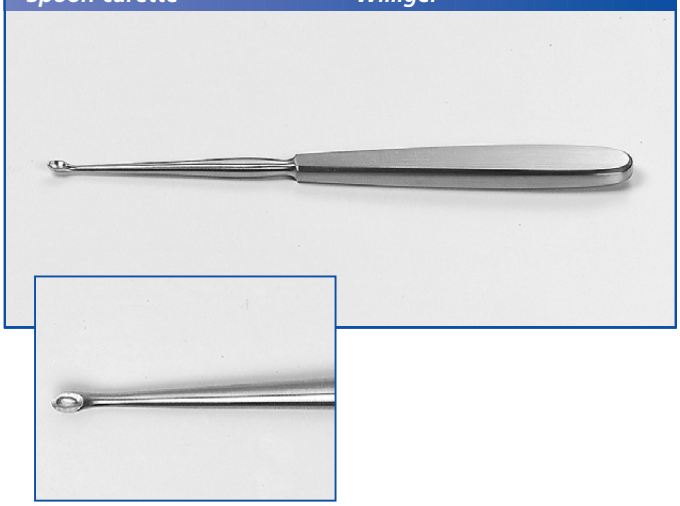


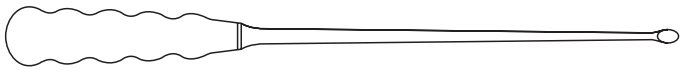


# Scharfe Löffel
*spoon curettes*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Scharfer Löffel** ***Spoon curette*** | | | | **Williger** ***Williger*** | | | | |
| 170 | 6 3/4 | 70 | | 2,8 | 4 | • | | **UT 5404-17** |
| **Besonderheiten / *specification*** Fig. 00 | | | | | | | | |
| 170 | 6 3/4 | 70 | | 4 | 6 | • | | **UT 5405-17** |
| **Besonderheiten / *specification*** Fig. 1 | | | | | | | | |





| Scharfer Löffel<br>*Spoon curette* | Schede<br>*Schede* |
|---|---|



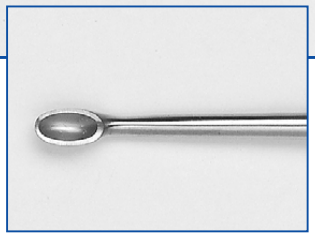
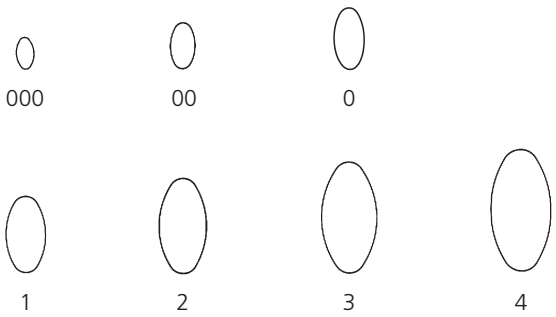
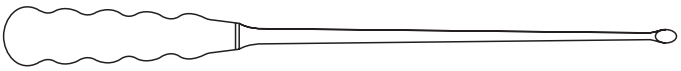


Fig.:




| Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | Schaftlänge in mm<br>*length of shaft in mm* | Ø außen in mm<br>*outer Ø in mm* | Maulbreite in mm<br>*jaw width in mm* | Maullänge in mm<br>*jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.**<br>***product no.*** |
|---|---|---|---|---|---|---|---|---|
| 170 | 6 3/4 | 70 | | 2,5 | 4,5 | • | | **UT 5412-17** |
| **Besonderheiten / *specification*** | | | | | | | | |
| Fig. 000 | | | | | | | | |
| 170 | 6 3/4 | 70 | | 3,4 | 6 | • | | **UT 5413-17** |
| **Besonderheiten / *specification*** | | | | | | | | |
| Fig. 00 | | | | | | | | |
| 170 | 6 3/4 | 70 | | 4,2 | 8 | • | | **UT 5414-17** |
| **Besonderheiten / *specification*** | | | | | | | | |
| Fig. 0 | | | | | | | | |
| 170 | 6 3/4 | 70 | | 5,2 | 10 | • | | **UT 5415-17** |
| **Besonderheiten / *specification*** | | | | | | | | |
| Fig. 1 | | | | | | | | |
| 170 | 6 3/4 | 70 | | 6,3 | 12,5 | • | | **UT 5416-17** |
| **Besonderheiten / *specification*** | | | | | | | | |
| Fig. 2 | | | | | | | | |
| 170 | 6 3/4 | 70 | | 7,4 | 14,5 | • | | **UT 5417-17** |
| **Besonderheiten / *specification*** | | | | | | | | |
| Fig. 3 | | | | | | | | |
| 170 | 6 3/4 | 70 | | 8 | 16 | • | | **UT 5418-17** |
| **Besonderheiten / *specification*** | | | | | | | | |
| Fig. 4 | | | | | | | | |

# Scharfe Löffel
## *spoon curettes*



**Scharfer Löffel** **Volkmann**
***Spoon curette*** ***Volkmann***



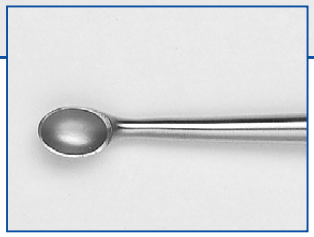
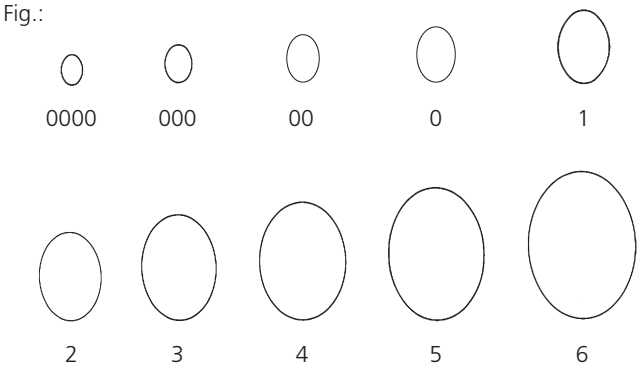
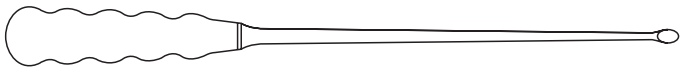


Fig.:

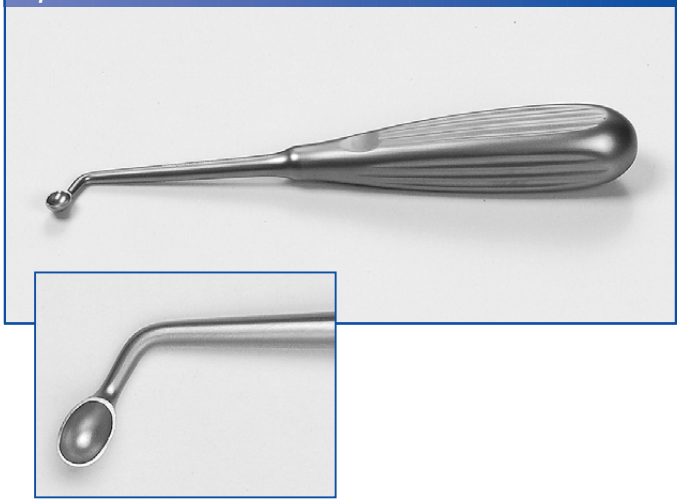



| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|---|
| 170 | 6 3/4 | 65 | | 2,8 | 4 | • | | **UT 5422-17** |
| **Besonderheiten / *specification*** Fig. 0000 | | | | | | | | |
| 170 | 6 3/4 | 65 | | 3,6 | 5 | • | | **UT 5423-17** |
| **Besonderheiten / *specification*** Fig. 000 | | | | | | | | |
| 170 | 6 3/4 | 65 | | 4,4 | 6,2 | • | | **UT 5424-17** |
| **Besonderheiten / *specification*** Fig. 00 | | | | | | | | |
| 170 | 6 3/4 | 65 | | 5,2 | 7,3 | • | | **UT 5425-17** |
| **Besonderheiten / *specification*** Fig. 0 | | | | | | | | |
| 170 | 6 3/4 | 65 | | 6,8 | 9,6 | • | | **UT 5427-17** |
| **Besonderheiten / *specification*** Fig. 1 | | | | | | | | |
| 170 | 6 3/4 | 65 | | 8,5 | 11,5 | • | | **UT 5429-17** |
| **Besonderheiten / *specification*** Fig. 2 | | | | | | | | |
| 170 | 6 3/4 | 65 | | 10 | 14 | • | | **UT 5430-17** |
| **Besonderheiten / *specification*** Fig. 3 | | | | | | | | |
| 170 | 6 3/4 | 65 | | 11,5 | 15,5 | • | | **UT 5432-17** |
| **Besonderheiten / *specification*** Fig. 4 | | | | | | | | |
| 170 | 6 3/4 | 65 | | 13 | 17,5 | • | | **UT 5433-17** |
| **Besonderheiten / *specification*** Fig. 5 | | | | | | | | |
| 170 | 6 3/4 | 65 | | 14,5 | 19,5 | • | | **UT 5435-17** |
| **Besonderheiten / *specification*** Fig. 6 | | | | | | | | |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|---|

**Scharfer Löffel** / ***Spoon curette*** — **Uffenorde** / ***Uffenorde***



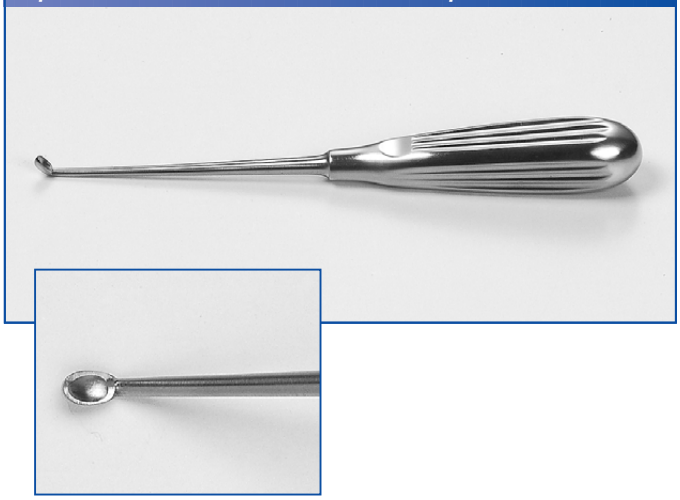
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | 6,5 | 9,5 | | • | **UT 5440-17** |

**Besonderheiten** / ***specification***
seitlich 50° links gewinkelt / *angled 50° on left side*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | 6,5 | 9,5 | | • | **UT 5441-17** |

**Besonderheiten** / ***specification***
seitlich 50° rechts gewinkelt / *angled 50° on right side*

**Scharfer Löffel** / ***Spoon curette*** — **Daubenspeck** / ***Daubenspeck***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 200 | 8 | 95 | | 2,8 | 4 | | • | **UT 5452-20** |

**Besonderheiten** / ***specification***
45° aufgewinkelt, Fig. 0000 / *angled 45° upwards, fig. 0000*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 200 | 8 | 95 | | 3,6 | 5 | | • | **UT 5453-20** |

**Besonderheiten** / ***specification***
45° aufgewinkelt, Fig. 000 / *angled 45° upwards, fig. 000*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 200 | 8 | 95 | | 4,4 | 6,2 | | • | **UT 5454-20** |

**Besonderheiten** / ***specification***
45° aufgewinkelt, Fig. 00 / *angled 45° upwards, fig. 00*

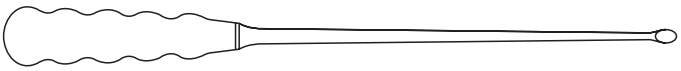
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 200 | 8 | 95 | | 5,2 | 7,3 | | • | **UT 5455-20** |

**Besonderheiten** / ***specification***
45° aufgewinkelt, Fig. 0 / *angled 45° upwards, fig. 0*

Fig.:

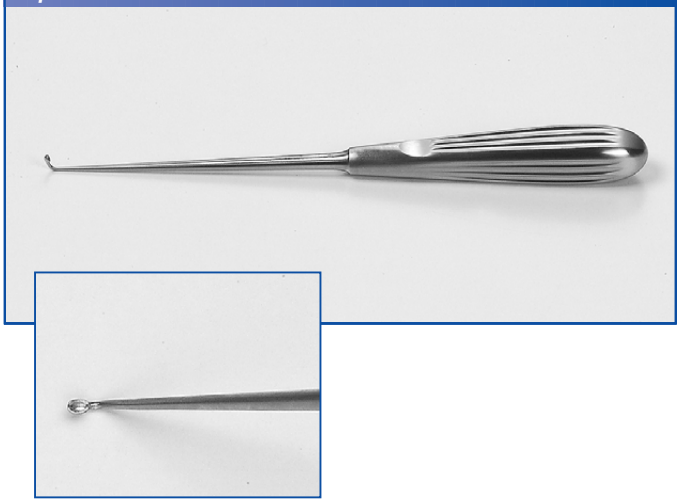


# Scharfe Löffel
*spoon curettes*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|---|

**Scharfer Löffel** **Kim**
***Spoon curette*** ***Kim***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 205 | 8 | 100 | | 2 | 3 | | • | **UT 5461-06-205** |

**Besonderheiten / *specification***
Tiefe 6 mm, 60° aufgewinkelt / *depth 6 mm, angled 60° upwards*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 205 | 8 | 100 | | 2 | 3 | | • | **UT 5461-07-205** |

**Besonderheiten / *specification***
Tiefe 7 mm, 60° aufgewinkelt / *depth 7 mm, angled 60° upwards*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 205 | 8 | 100 | | 2 | 3 | | • | **UT 5462-06-205** |

**Besonderheiten / *specification***
Tiefe 6 mm, 90° aufgewinkelt / *depth 6 mm, angled 90° upwards*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 205 | 8 | 100 | | 2 | 3 | | • | **UT 5462-07-205** |

**Besonderheiten / *specification***
Tiefe 7 mm, 90° aufgewinkelt / *depth 7 mm, angled 90° upwards*

**Scharfer Löffel** **Koyama**
***Spoon curette*** ***Koyama***

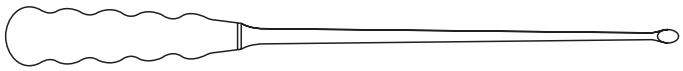


| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 205 | 8 | 105 | | 4 | 6 | | • | **UT 5470-21** |

**Besonderheiten / *specification***
30° aufgewinkelt, gefenstert 1,8 x 3,3 mm / *angled 30° upward, fenestrated 1.8 x 3.3*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 205 | 8 | 105 | | 4 | 6 | | • | **UT 5471-21** |

**Besonderheiten / *specification***
45° aufgewinkelt, gefenstert 1,8 x 3,3 mm / *angled 45° upward, fenestrated 1.8 x 3.3*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|

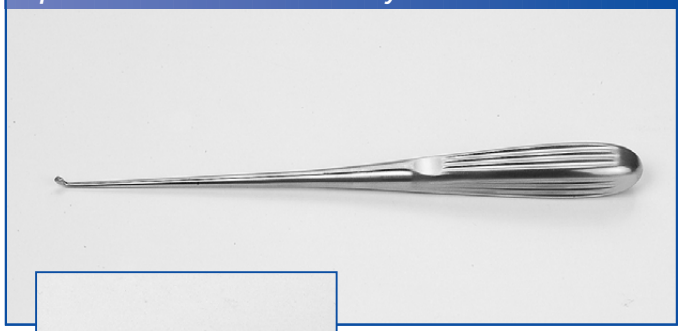
**Scharfer Löffel** **Koyama**
***Spoon curette*** ***Koyama***

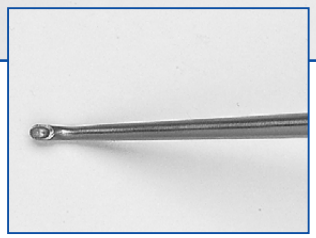




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 210 | 8 1/4 | | | 2 | 3 | • | | **UT 5480-02-210** |
| 210 | 8 1/4 | | | 3 | 6 | • | | **UT 5480-03-210** |

**Scharfer Löffel** **Koyama**
***Spoon curette*** ***Koyama***





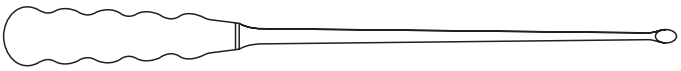
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 210 | 8 1/4 | | | 2 | 3 | | • | **UT 5481-02-210** |
| 210 | 8 1/4 | | | 3 | 6 | | • | **UT 5481-03-210** |

**Besonderheiten / *specification***
30° aufgewinkelt / *angled 30° upward*

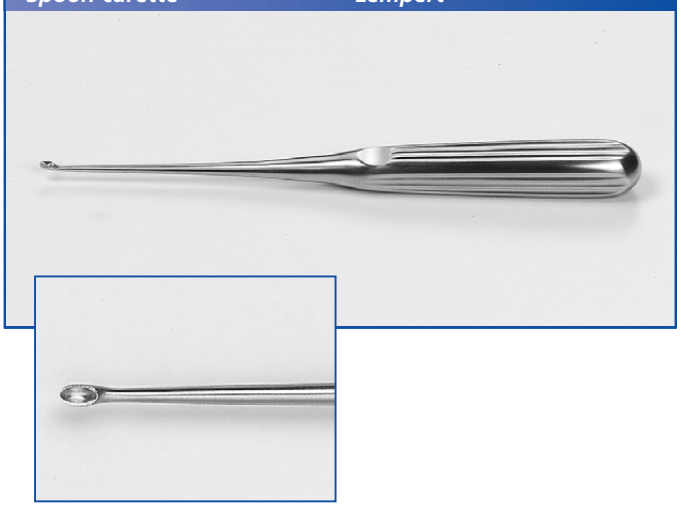
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 210 | 8 1/4 | | | 2 | 3 | | • | **UT 5482-02-210** |
| 210 | 8 1/4 | | | 3 | 6 | | • | **UT 5482-03-210** |

**Besonderheiten / *specification***
45° aufgewinkelt / *angled 45° upward*

# Scharfe Löffel
*spoon curettes*

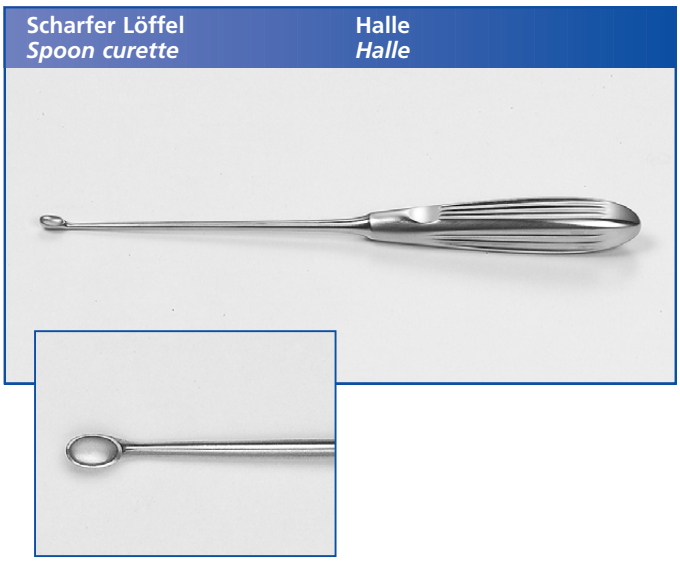


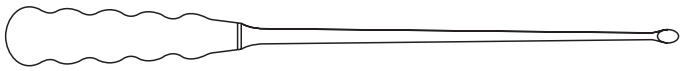
| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Scharfer Löffel *Spoon curette*** | | | | **Lempert *Lempert*** | | | | |
| 205 | 8 | 100 | | 1,8 | 2,5 | • | | **UT 5501-21** |
| 205 | 8 | 100 | | 2 | 3 | • | | **UT 5502-21** |
| 205 | 8 | 100 | | 2,4 | 3,5 | • | | **UT 5503-21** |
| 205 | 8 | 100 | | 2,6 | 3,8 | • | | **UT 5504-21** |
| 205 | 8 | 100 | | 2,8 | 4 | • | | **UT 5505-21** |



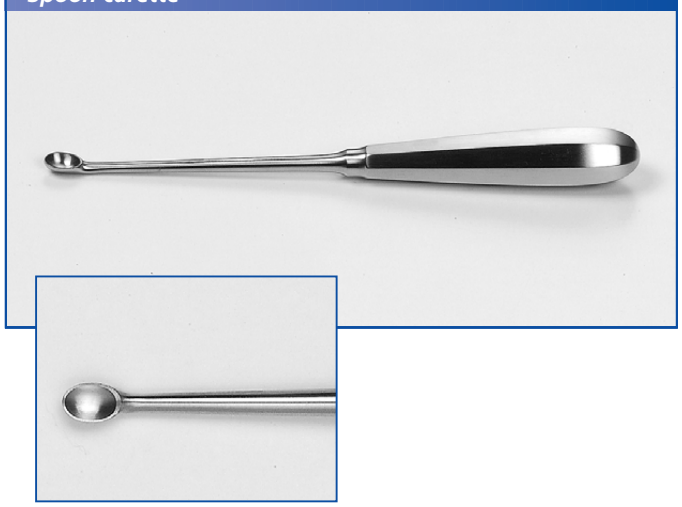
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Scharfer Löffel *Spoon curette*** | | | | **Halle *Halle*** | | | | |
| 215 | 8 ½ | 110 | | 4,4 | 6,2 | • | | **UT 5514-22** |
| 215 | 8 ½ | 110 | | 5,2 | 7,3 | • | | **UT 5515-22** |
| 215 | 8 ½ | 110 | | 6,8 | 9,6 | • | | **UT 5517-22** |

**Besonderheiten / *specification***
biegsamer Schaft / *flexible shaft*

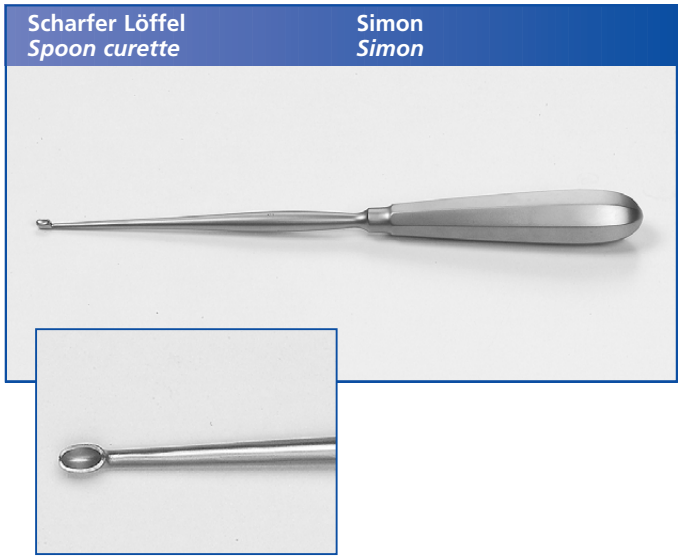




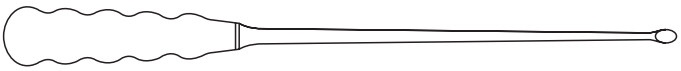
| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Scharfer Löffel** ***Spoon curette*** | | | | | | | | |
| 215 | 8 1/2 | 110 | | 4 | 6 | • | | **UT 5524-22** |
| 215 | 8 1/2 | 110 | | 5,2 | 8 | • | | **UT 5525-22** |
| 215 | 8 1/2 | 110 | | 6 | 9 | • | | **UT 5526-22** |
| 215 | 8 1/2 | 110 | | 7 | 10,5 | • | | **UT 5527-22** |
| 215 | 8 1/2 | 110 | | 9 | 14 | • | | **UT 5529-22** |
| 215 | 8 1/2 | 110 | | 11 | 16,5 | • | | **UT 5531-22** |



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Scharfer Löffel** ***Spoon curette*** **Simon** ***Simon*** | | | | | | | | |
| 235 | 9 1/4 | 120 | | 3,6 | 5 | • | | **UT 5543-24** |
| **Besonderheiten / *specification*** | | | | | | | | |
| Fig. 000 (siehe Seite 205), fig. 000 (see page 205) | | | | | | | | |
| 235 | 9 1/4 | 120 | | 4,4 | 6,2 | • | | **UT 5544-24** |
| **Besonderheiten / *specification*** | | | | | | | | |
| Fig. 00 (siehe Seite 205), fig. 00 (see page 205) | | | | | | | | |
| 235 | 9 1/4 | 120 | | 5,2 | 7,3 | • | | **UT 5545-24** |
| **Besonderheiten / *specification*** | | | | | | | | |
| Fig. 0 (siehe Seite 205), fig. 0 (see page 205) | | | | | | | | |



# Scharfe Löffel
*spoon curettes*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|---|

**Scharfer Löffel**
***Spoon curette***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 150 | | 3,6 | 5 | • | | **UT 5553-25** |

**Besonderheiten / *specification***
Fig. 000

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 150 | | 4,4 | 6,2 | • | | **UT 5554-25** |

**Besonderheiten / *specification***
Fig. 00

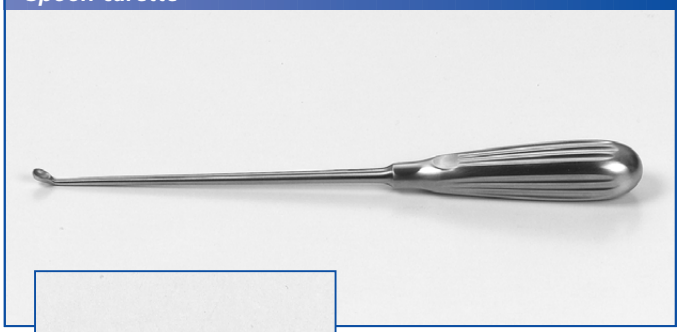
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 150 | | 5,2 | 7,3 | • | | **UT 5555-25** |

**Besonderheiten / *specification***
Fig. 0

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 150 | | 6,8 | 9,6 | • | | **UT 5557-25** |

**Besonderheiten / *specification***
Fig. 1

**Scharfer Löffel**
***Spoon curette***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 150 | | 3,6 | 5 | | • | **UT 5563-25** |

**Besonderheiten / *specification***
30° aufgewinkelt, Fig. 000 / *angled 30° upward, fig. 000*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 150 | | 4,4 | 6,2 | | • | **UT 5564-25** |

**Besonderheiten / *specification***
30° aufgewinkelt, Fig. 00 / *angled 30° upward, fig. 00*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 150 | | 5,2 | 7,3 | | • | **UT 5565-25** |

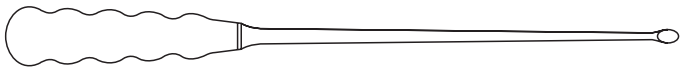
**Besonderheiten / *specification***
30° aufgewinkelt, Fig. 0 / *angled 30° upward, fig. 0*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 150 | | 6,8 | 9,6 | | • | **UT 5567-25** |

**Besonderheiten / *specification***
30° aufgewinkelt, Fig. 1 / *angled 30° upward, fig. 1*

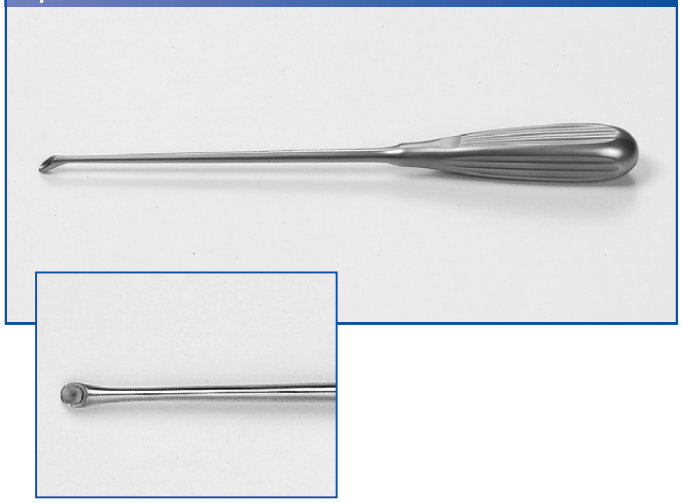
Fig.:





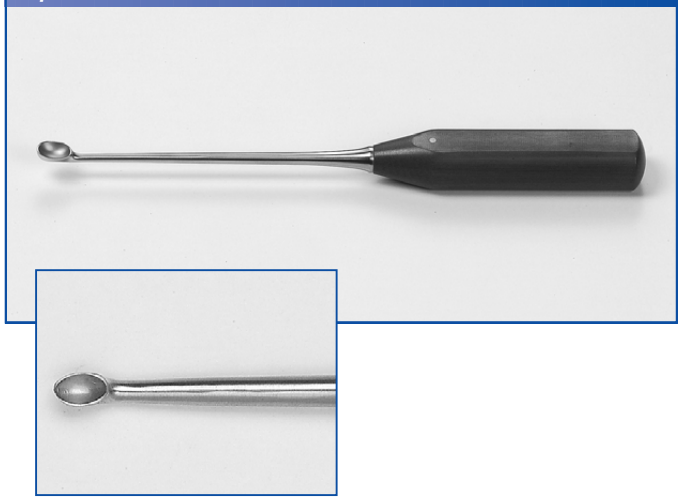
| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|

**Scharfer Löffel** **Bushe**
***Spoon curette*** ***Bushe***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 150 | | 3 | 5 | • | | **UT 5573–25** |
| 250 | 9 7/8 | 150 | | 4 | 6,5 | • | | **UT 5574–25** |
| 250 | 9 7/8 | 150 | | 5 | 10 | • | | **UT 5575–25** |

**Scharfer Löffel**
***Spoon curette***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 270 | 10 5/8 | 150 | | 4,4 | 6,2 | • | | **UT 5584-27** |

**Besonderheiten / *specification***

Fig. 00 (siehe Seite 204), Griff Schichtpreßstoff / *fig. 00 (see page 204), handle moulded laminated material*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 270 | 10 5/8 | 150 | | 6,8 | 9,6 | • | | **UT 5587-27** |

**Besonderheiten / *specification***

Fig. 1 (siehe Seite 204), Griff Schichtpreßstoff / *fig. 1 (see page 204), handle moulded laminated material*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 270 | 10 5/8 | 150 | | 8,5 | 11,5 | • | | **UT 5589-27** |

**Besonderheiten / *specification***

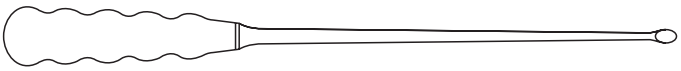
Fig. 2 (siehe Seite 204), Griff Schichtpreßstoff / *fig. 2 (see page 204), handle moulded laminated material*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 270 | 10 5/8 | 150 | | 10 | 14 | • | | **UT 5590-27** |

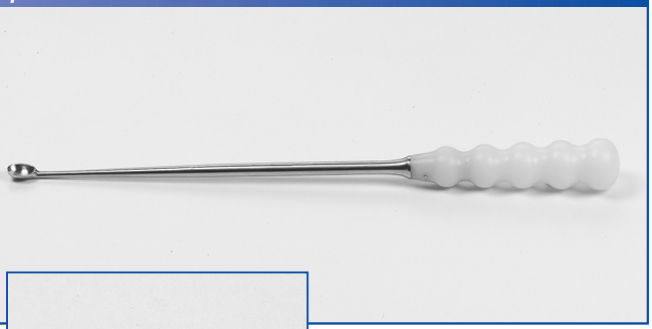
**Besonderheiten / *specification***

Fig. 3 (siehe Seite 204), Griff Schichtpreßstoff / *fig. 3 (see page 204), handle moulded laminated material*

# Scharfe Löffel
## *spoon curettes*



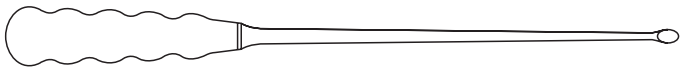
**Scharfer Löffel**
***Spoon curette***





| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw length in mm* | gerade/*straight* | gebogen/*curved* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|---|
| 350 | 13 3/4 | 230 | | 5 | 8 | • | | **UT 5605-35** |
| 350 | 13 3/4 | 230 | | 7 | 11,5 | • | | **UT 5607-35** |
| 350 | 13 3/4 | 230 | | 11 | 17 | • | | **UT 5611-35** |

**Besonderheiten / *specification***
Griff Kunststoff / *plastic handle*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Länge Feilenkörper/mm *working length/mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

**Knochenraspel** **Joseph**
***Bone rasp*** ***Joseph***



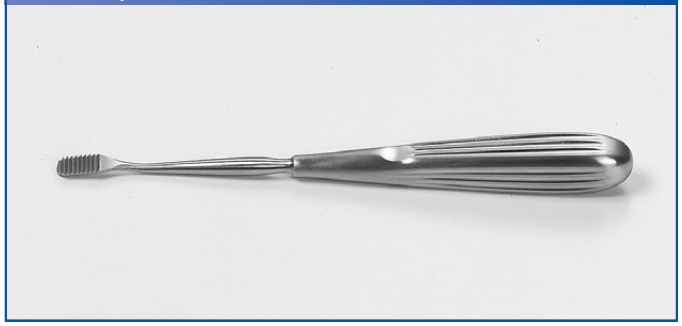
| | | | | |
|---|---|---|---|---|
| 165 | 6 ½ | 7,5 | 45 | **UT 5710-17** |

**Besonderheiten / *specification***
Kreuzhieb, fein / *fine, crosscut*

| | | | | |
|---|---|---|---|---|
| 165 | 6 ½ | 9 | 55 | **UT 5711-17** |

**Besonderheiten / *specification***
Kreuzhieb, grob / *coarse, crosscut*

**Knochenraspel** **Lewis**
***Bone rasp*** ***Lewis***



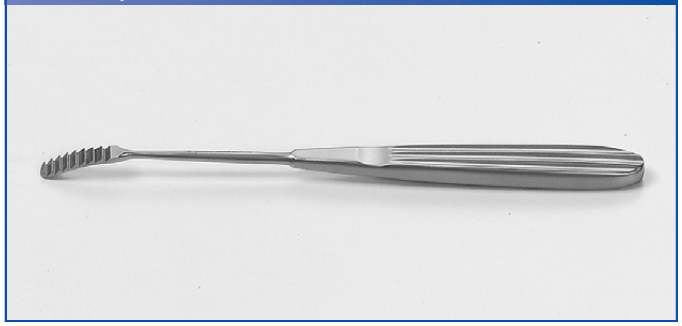
| | | | | |
|---|---|---|---|---|
| 175 | 7 | 8 | 18 | **UT 5720-18** |

**Besonderheiten / *specification***
Einhieb, fein, auf Zug / *fine, down stroke*

| | | | | |
|---|---|---|---|---|
| 175 | 7 | 8 | 18 | **UT 5721-18** |

**Besonderheiten / *specification***
Einhieb, grob, auf Zug / *coarse, down stroke*

**Knochenraspel** **Maltz**
***Bone rasp*** ***Maltz***



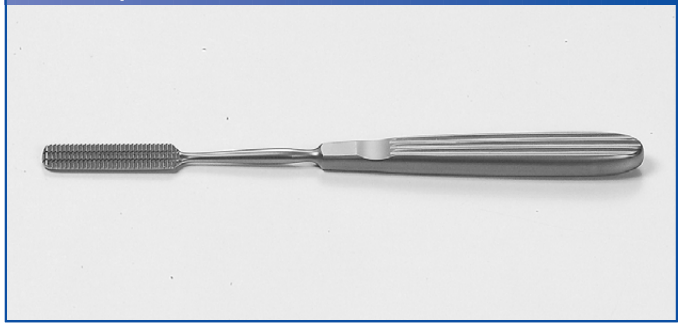
| | | | | |
|---|---|---|---|---|
| 180 | 7 | 5 | 25 | **UT 5730-18** |

**Besonderheiten / *specification***
gerade, Einhieb, auf Zug / *straight, down stroke*

| | | | | |
|---|---|---|---|---|
| 180 | 7 | 5 | 25 | **UT 5731-18** |

**Besonderheiten / *specification***
gebogen, Einhieb, auf Zug / *curved, down stroke*

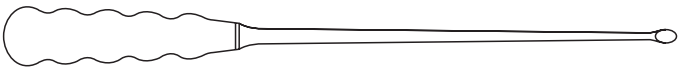
**Knochenraspel** **Maltz**
***Bone rasp*** ***Maltz***



| | | | | |
|---|---|---|---|---|
| 180 | 7 | 9 | 45 | **UT 5740-18** |

**Besonderheiten / *specification***
Einhieb mit 2 Längsrillen, auf Zug / *2 grooves, down stroke*

# Knochenfeilen
*Bone files*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Länge Feilenkörper/mm *working length/mm* | Artikel-Nr. *product no.* |
|---|---|---|---|---|

**Knochenraspel** **Aufricht**
***Bone rasp*** ***Aufricht***



| | | | | |
|---|---|---|---|---|
| 220 | 8 3/4 | 9 | 35 | **UT 5750-22** |

**Besonderheiten / *specification***
gebogen, Einhieb, auf Druck / *curved, up stroge*

| | | | | |
|---|---|---|---|---|
| 220 | 8 3/4 | 9 | 35 | **UT 5751-22** |

**Besonderheiten / *specification***
gebogen, Einhieb, auf Zug / *curved, down stroke*

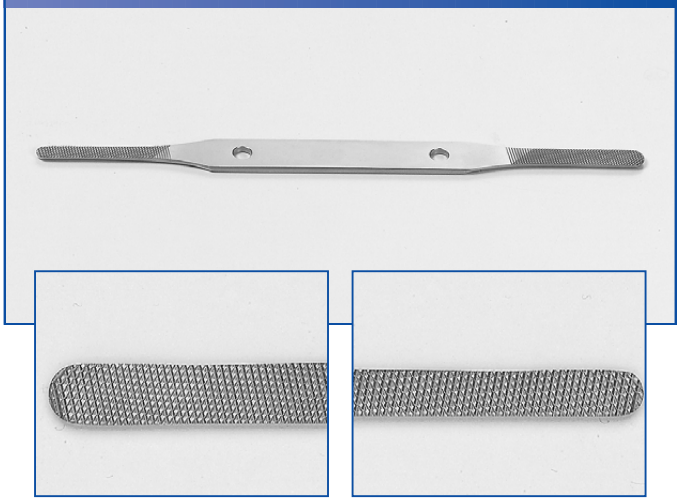
**Knochenraspel** **Gallaher**
***Bone rasp*** ***Gallaher***



| | | | | |
|---|---|---|---|---|
| 190 | 7 1/2 | 6,5 | 52 | **UT 5760-19** |

**Besonderheiten / *specification***
Pockenhieb

**Doppelfeile** **Fomon**
***Double-ended bone file*** ***Fomon***

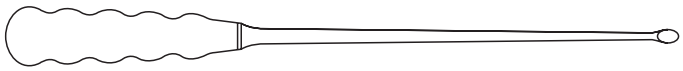


| | | | | |
|---|---|---|---|---|
| 215 | 8 1/2 | 6,5/7,5 | 45 | **UT 5770-22** |

**Besonderheiten / *specification***
Kreuzhieb / *crosscut*

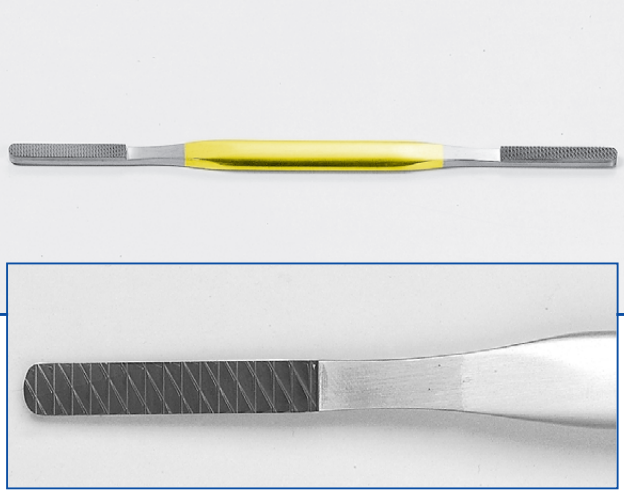
| | | | | |
|---|---|---|---|---|
| 215 | 8 1/2 | 6,5/7,5 | 45 | **UT 5771-22** |

**Besonderheiten / *specification***
Pockenhieb



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Länge Feilenkörper/mm *working length/mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

**Doppelfeile, Hartmetall** **Fomon**
***Double-ended bone file, inlay*** ***Fomon***



| | | | | |
|---|---|---|---|---|
| 205 | 8 | 7 | 40 | **UT 5780-21** |

**Besonderheiten / *specification***
Kreuzhieb 12/14 Zähne / *crosscut, 12/14 prongs*

| | | | | |
|---|---|---|---|---|
| 205 | 8 | 7 | 40 | **UT 5781-21** |

**Besonderheiten / *specification***
Kreuzhieb 16/20 Zähne / *crosscut, 16/20 prongs*

| | | | | |
|---|---|---|---|---|
| 205 | 8 | 7 | 40 | **UT 5782-21** |

**Besonderheiten / *specification***
Kreuzhieb 24/30 Zähne / *crosscut, 24/30 prongs*

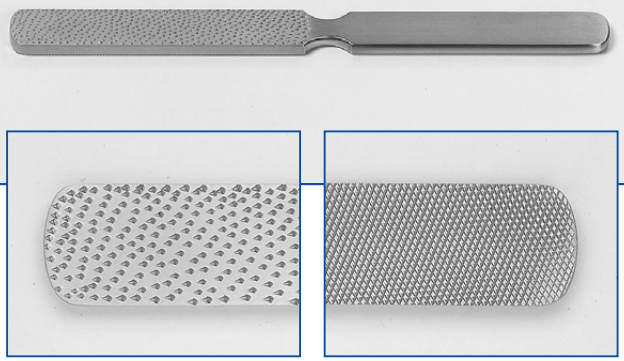
| | | | | |
|---|---|---|---|---|
| 205 | 8 | 7 | 40 | **UT 5783-21** |

**Besonderheiten / *specification***
Kreuzhieb 36/44 Zähne / *crosscut, 36/44 prongs*

| | | | | |
|---|---|---|---|---|
| 205 | 8 | 7 | 40 | **UT 5784-21** |

**Besonderheiten / *specification***
Kreuzhieb 52/62 Zähne / *crosscut, 52/62 prongs*

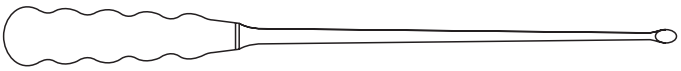
**Knochenflachfeile**
***Bone file, flat***



| | | | | |
|---|---|---|---|---|
| 220 | 8 3/4 | 20 | 110 | **UT 5810-22** |

**Besonderheiten / *specification***
eine Seite Kreuzhieb, eine Seite Pockenhieb / *one side crosscut*

# Knochenfeilen
*Bone files*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Länge Feilenkörper/mm *working length/mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

**Knochenhalbrundfeile**
***Bone file, semi-circular***



| | | | | |
|---|---|---|---|---|
| 295 | 11 5/8 | 20 | 165 | **UT 5820-30** |

**Besonderheiten / *specification***
Kreuzhieb beidseitig / *crosscut on both sides*

**Knochenhalbrundfeile**
***Bone file, semi-circular***

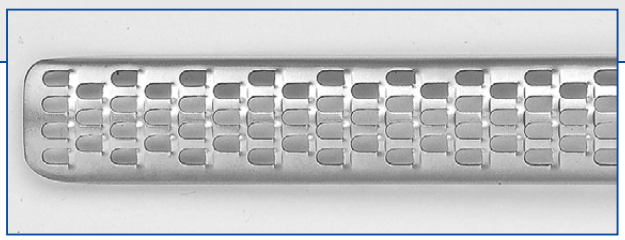


| | | | | |
|---|---|---|---|---|
| 240 | 9 1/2 | 13 | 95 | **UT 5830-24** |

**Besonderheiten / *specification***
Griff bajonettförmig, Kreuzhieb beidseitig / *bajonett-shaped, crosscut on both sides*

**Knochenraspel** **Eichler**
***Bone rasp*** ***Eichler***



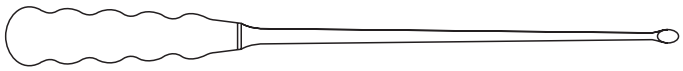


| | | | | |
|---|---|---|---|---|
| 245 | 9 5/8 | 16,5 | 110 | **UT 5840-25** |

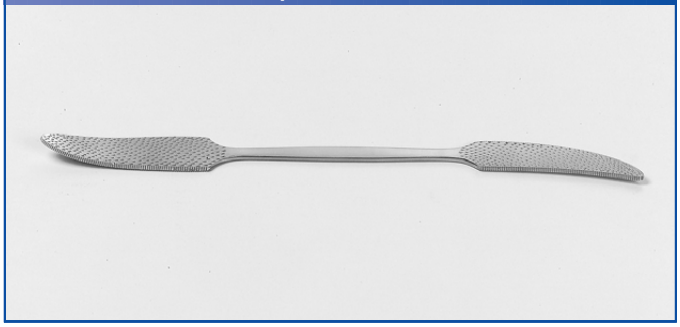
**Besonderheiten / *specification***
flach, Griff Schichtpreßstoff / *flat, handle moulded laminated material*

| | | | | |
|---|---|---|---|---|
| 245 | 9 5/8 | 16,5 | 110 | **UT 5841-25** |

**Besonderheiten / *specification***
halbrund, Griff Schichtpreßstoff / *semi-circular, handle moulded laminated material*



| Knochendoppelraspel<br>*Double-ended bone rasp* | Putti<br>*Putti* |
|---|---|



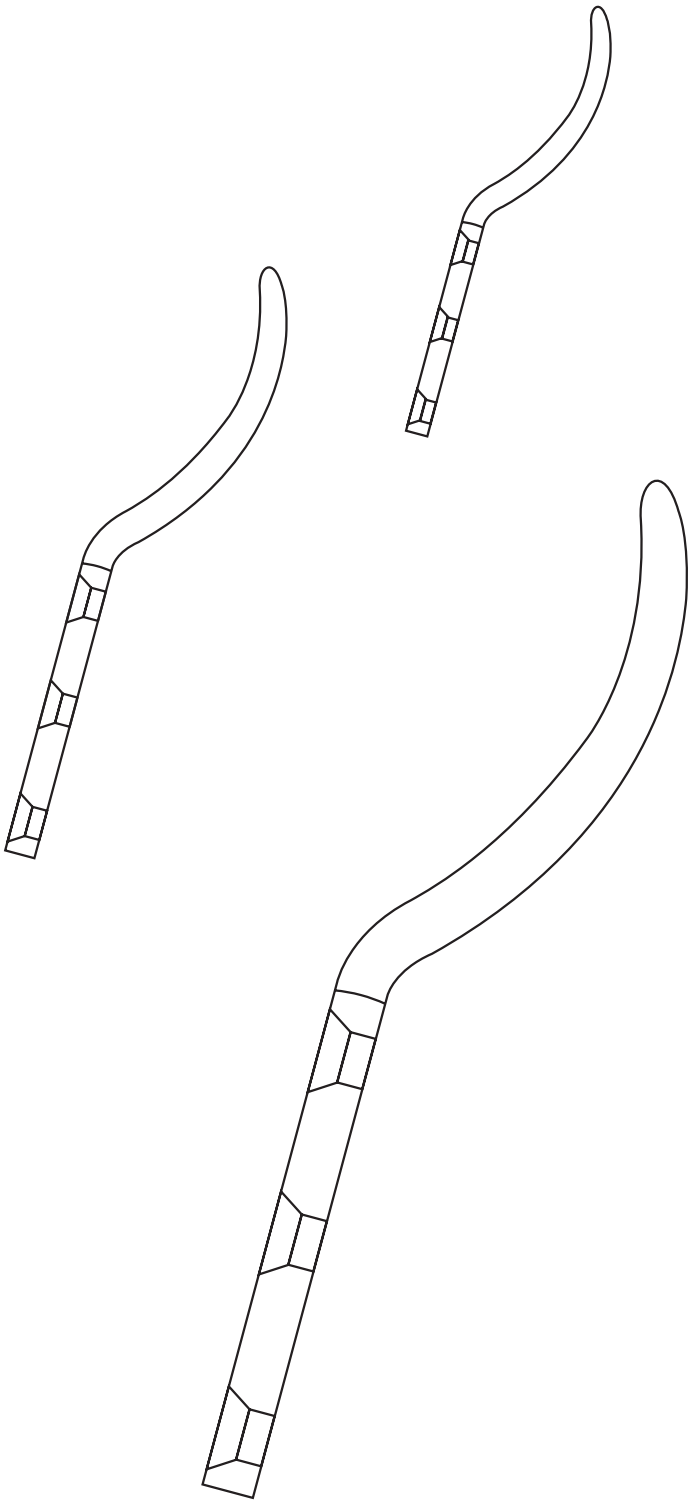
| Länge in mm<br>*length in mm* | Länge in inch<br>*length in inch* | Breite in mm<br>*width in mm* | Länge Feilenkörper/mm<br>*working length/mm* | **Artikel-Nr.**<br>***product no.*** |
|---|---|---|---|---|
| 270 | 10 5/8 | 18 / 20 | 65 | **UT 5850-27** |

**Besonderheiten / *specification***

eine Seite seitlich gebogen, Pockenhieb beidseitig / *one side slightly curved*

# 5.3

# 6




Meßinstrumente, Diagnostik
Tourniquet, Extension
Cerclagedrähte und -instrumente
*Measuring and diagnostic devices*
*tourniquet, extension*
*wire and instruments for cerclage*

Dissektoren, Elevatorien
Raspatorien, Knochenhebel
Knochenfasszangen
*Dissectors, elevators*
*raspatories, bone levers*
*bone holding forceps*

Meißel, Stößel
Hämmer, Gipsinstrumente
*Chisels / osteotomes, tampers*
*mallets, plaster instruments*

Knochensplitterzangen, Hohlmeißel-
zangen, Rongeure, Knochenstanzen
Knochenfräsen, Biopsiekanülen
*Bone cutting forceps, bone rongeurs*
*rongeurs, punches, cutters*
*biopsy cannulas*

Küretten, scharfe Löffel
Knochenfeilen
*Curettes, spoon curettes*
*bone files*

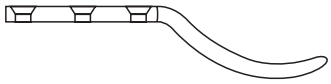
**Kopfchirurgie**
**Schulterchirurgie**
***Cranial surgery***
***Shoulder surgery***

Hand- und Fußchirurgie
*Hand and foot surgery*

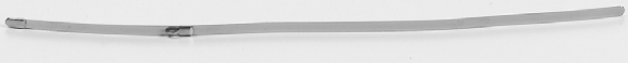
Becken-, Extremitäten- und
Kniechirurgie
*Pelvis, extremities and*
*knee surgery*

Plastische Chirurgie
*Plastic surgery*

Stichwortverzeichnis
*Index*



| | Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Einführungssonde** / ***Introduction probe*** — **De Martel** / ***De Martel*** | 310 | 12 1/4 | | | | 6 | **UT 6010-31** |



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Drahtsäge** / ***Wire saw*** — **Gigli** / ***Gigli*** | 300 | 11 7/8 | | | | | **UT 6020-30** |
| | 400 | 15 3/4 | | | | | **UT 6020-40** |
| | 500 | 19 3/4 | | | | | **UT 6020-50** |
| | 600 | 23 5/8 | | | | | **UT 6020-60** |

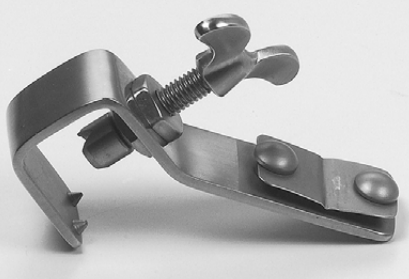
**Besonderheiten** / ***specification***
4-teilig / *4 wires twisted*

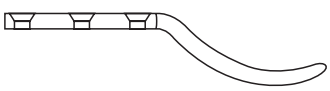


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Griff für Drahtsäge** / ***Handle for wire saw*** — **Gigli** / ***Gigli*** | 50 | 2 | | | | 65 | **UT 6030-05** |



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Fixiervorrichtung am Schädel für 1 Spannarm** / ***Fixation base for skull mounting for 1 flexible arm*** — **Leyla** / ***Leyla*** | 60 | 2 3/8 | | | | | **UT 6211-06** |

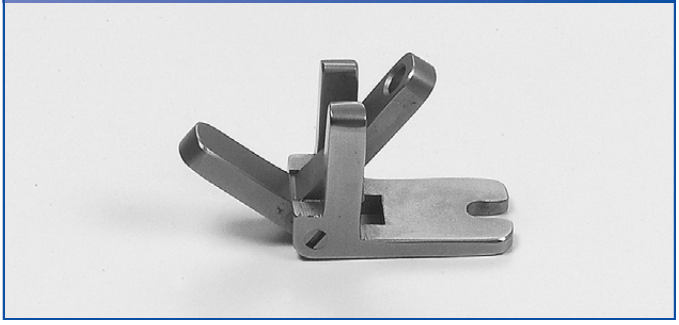


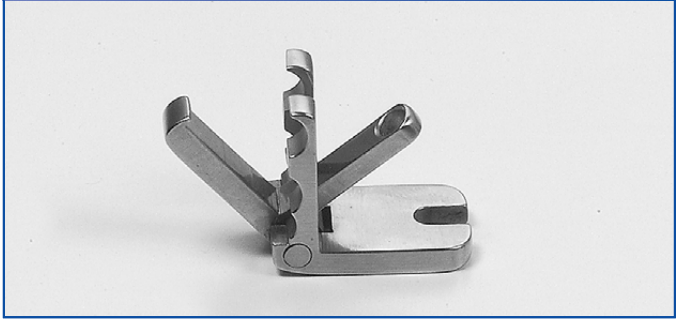


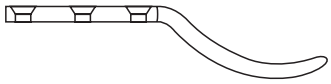
| | Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Fixiervorrichtung am Schädel für 2 Spannarme** **Leyla**<br>***Fixation base for skull mounting for 2 flexible arms*** ***Leyla*** | 65 | 2 1/2 | | | | | **UT 6212-07** |
| **Spannarm, umsteckbar** **Leyla**<br>***Flexible arm, interchangeable*** ***Leyla*** | 570 | 22 1/2 | 450 | 17 3/4 | | | **UT 6220-57** |
| **Spatelhalter für flache Spatel** **Leyla**<br>***Support for flat brain spatulas*** ***Leyla*** | 30 | 1 1/4 | | | | | **UT 6230-03** |
| **Spatelhalter für Spatel mit Rundgriff** **Leyla**<br>***Support for round shaped instruments*** ***Leyla*** | 25 | 1 | | | | | **UT 6231-03** |









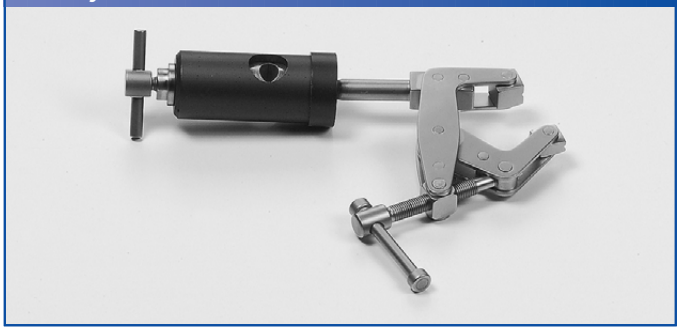


| | Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Haltestange, gebogen** / ***Rigid holder, curved*** **Rhoton-Merz** / ***Rhoton-Merz*** | 530 | 20 7/8 | | | 13 | | **UT 6310-53** |



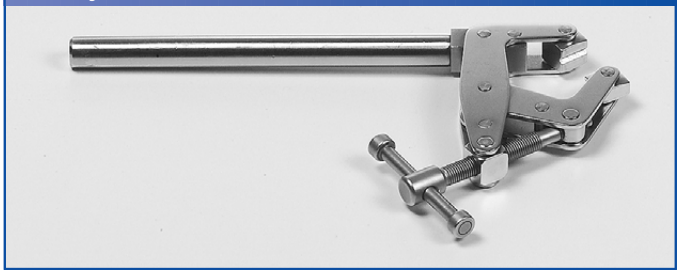
**Besonderheiten / *specification***
Winkel 70° / *angle 70°*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Kugelgelenkkloben zur Befestigung an Mayfield-Kopfhalter** / ***Ball and socket unit to fasten to Mayfield head holder*** **Rhoton-Merz** / ***Rhoton-Merz*** | 180 | 7 | | | | | **UT 6315-18** |

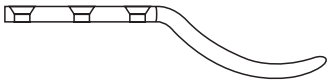


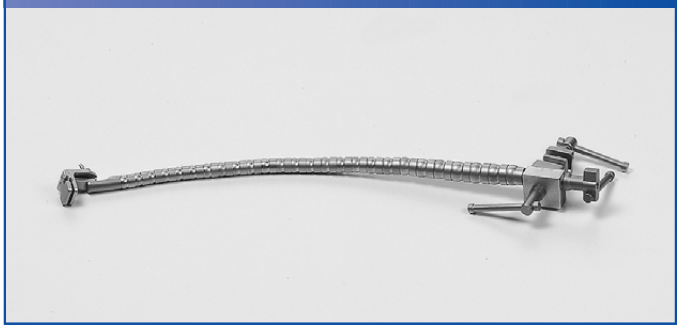
**Besonderheiten / *specification***
max. Klemmweite 50 mm / *max. clamping range 50 mm*

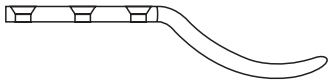
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Kloben mit Stange zur Befestigung an Mayfield-Kopfhalter** / ***Clamping unit with rod to fasten to Mayfield head holder*** **Rhoton-Merz** / ***Rhoton-Merz*** | 200 | 7 7/8 | 150 | 6 | 13 | | **UT 6330-22** |



**Besonderheiten / *specification***
max. Klemmweite 50 mm / *max. clamping range 50 mm*



| | Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Schaftlänge in inch *length of shaft in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Haltestange mit Kugelgelenk** ***Clamping device with ball and socket unit*** **Rhoton-Merz** ***Rhoton-Merz*** | | | | | | | |
|  | 390 | 15 3/8 | 300 | 11 7/8 | 13 | | **UT 6335-42** |
| **Spannarm** ***Flexible arm*** **Rhoton-Merz** ***Rhoton-Merz*** | | | | | | | |
|  | 360 | 14 1/4 | 300 | 11 7/8 | 13 | | **UT 6340-36** |
| | 550 | 21 5/8 | 490 | 19 1/4 | 13 | | **UT 6340-55** |



| Länge in mm *length in mm* | Plattenlänge in mm *length of plate in mm* | Plattendicke in mm *thickness of plate in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | Hakenbreite in mm *width of hook in mm* | Hakenlänge in mm *length of hook. in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Aalener Rüsselplatte**
***Acromio-clavicular plate „Aalen“***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 80,6 | 38 | 4,5 | 10 | 20,5 | 4 | 42,6 | **UT 6510-08** |

**Besonderheiten / *specification***
für Schrauben Ø 4 mm / *for screws Ø 4 mm*

**Bohrlehre zur Aalener Rüsselplatte**
***Drill guide for acromio-clavicular plate „Aalen“***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 60 | | 4,5 | 10 | 26 | | | **UT 6520-06** |

**Besonderheiten / *specification***
Ø innen 4,5 mm, Winkel 45° / *inner Ø 4.5 mm, 45°*

**Spiralbohrer für Aalener Rüsselplatte**
***Drill bit for acromio-clavicular plate „Aalen“***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 60 | | | | | | | **UT 6530-06** |

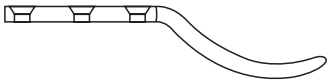
**Besonderheiten / *specification***
Schaftlänge 50 mm, Ø 4,5 mm, Spitze 2-schneidig /
*length of shaft 50 mm, Ø 4.5 mm, double cutting tip*

**Flexible Bohrwelle**
***Flexible driller***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 140 | | | | | | | **UT 6540-04** |

**Besonderheiten / *specification***
AO-Schaft, Ø 4,5 mm, Ø außen 11 mm / *AO shaft, Ø 4.5 mm,. outer Ø 11 mm*



| Länge in mm *length in mm* | Plattenlänge in mm *length of plate in mm* | Plattendicke in mm *thickness of plate in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | Hakenbreite in mm *width of hook in mm* | Hakenlänge in mm *length of hook. in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Acromioclaviculaplatte links** — **Modell Rosenheim**
***Acromio-clavicular plate, left*** — ***Type Rosenheim***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 80 | 43 | 2,8 | 12 | 24 | 3,5 | 20 | **UT 6604-08** |
| 90 | 52 | 2,8 | 12 | 24 | 3,5 | 20 | **UT 6605-09** |

**Besonderheiten / *specification***
für Schrauben Ø 4 mm / *for screws Ø 4 mm*

**Acromioclaviculaplatte rechts** — **Modell Rosenheim**
***Acromio-clavicular plate, right*** — ***Type Rosenheim***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 80 | 43 | 2,8 | 12 | 24 | 3,5 | 20 | **UT 6614-08** |
| 90 | 52 | 2,8 | 12 | 24 | 3,5 | 20 | **UT 6615-09** |

**Besonderheiten / *specification***
für Schrauben Ø 4 mm / *for screws Ø 4 mm*

**Acromioclaviculaplatte links** — **Balser**
***Acromio-clavicular plate, left*** — ***Balser***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 105 | 75 | 2,8 | 12 | 24 | 3,5 | 20 | **UT 6630-11** |
| 110 | 75 | 2,8 | 12 | 18 | 3,5 | 26 | **UT 6631-11** |

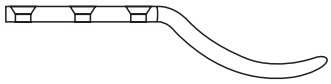
**Besonderheiten / *specification***
für Schrauben Ø 4 mm / *for screws Ø 4 mm*

**Acromioclaviculaplatte rechts** — **Balser**
***Acromio-clavicular plate, right*** — ***Balser***



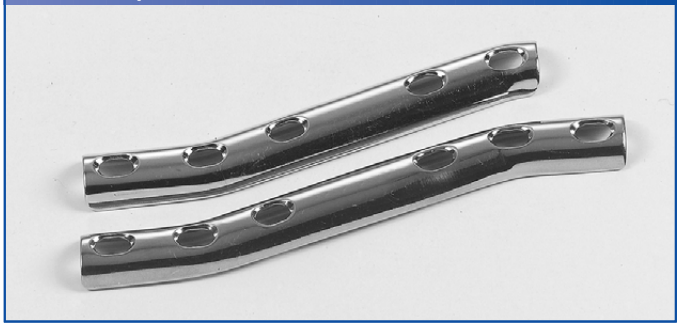
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 105 | 75 | 2,8 | 12 | 24 | 3,5 | 20 | **UT 6640-11** |
| 110 | 75 | 2,8 | 12 | 18 | 3,5 | 26 | **UT 6641-11** |

**Besonderheiten / *specification***
für Schrauben Ø 4 mm / *for screws Ø 4 mm*



| Länge in mm *length in mm* | Plattenlänge in mm *length of plate in mm* | Plattendicke in mm *thickness of plate in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | Hakenbreite in mm *width of hook in mm* | Hakenlänge in mm *length of hook. in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Claviculaplatte links** — **Meves**
***Clavicular plate, left*** — ***Meves***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 90 | | 1,2 | 13,5 | 5 | | | **UT 6705-09** |

**Besonderheiten / *specification***
5-Loch, 4,3 x 6,2 mm, Winkel 20,4° / *5-hole, 4.3 x 6.2 mm, 20.4°*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 105 | | 1,2 | 13,5 | 5 | | | **UT 6706-10** |

**Besonderheiten / *specification***
6-Loch, 4,3 x 6,2 mm, Winkel 20,4° / *6-hole, 4.3 x 6.2 mm, 20.4°*

**Claviculaplatte rechts** — **Meves**
***Clavicular plate, right*** — ***Meves***

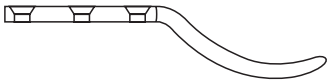


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 90 | | 1,2 | 13,5 | 5 | | | **UT 6715-09** |

**Besonderheiten / *specification***
5-Loch, 4,3 x 6,2 mm, Winkel 20,4° / *5-hole, 4.3 x 6.2 mm, 20.4°*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 105 | | 1,2 | 13,5 | 5 | | | **UT 6716-10** |

**Besonderheiten / *specification***
6-Loch, 4,3 x 6,2 mm, Winkel 20,4° / *6-hole, 4.3 x 6.2 mm, 20.4°*



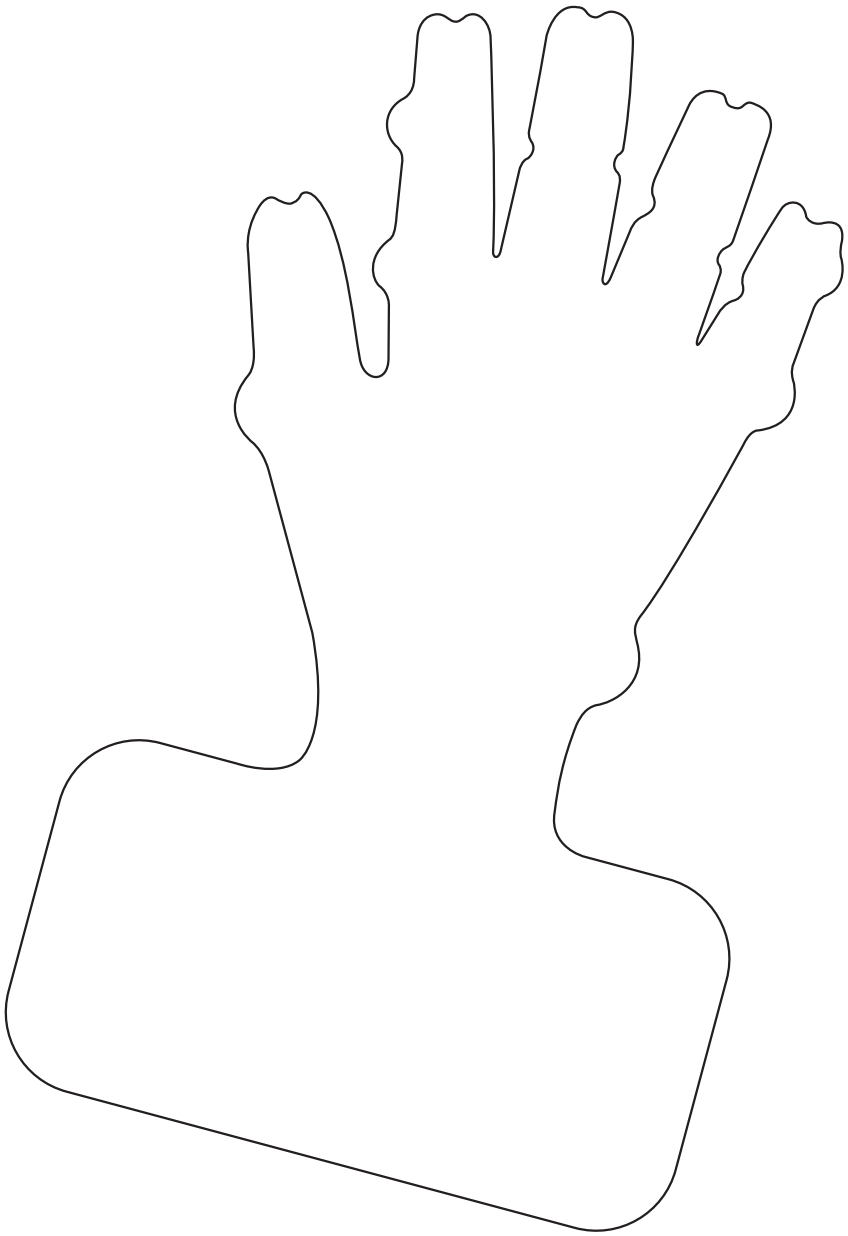
**Sternoclaviculaplatte** **Rüter**
***Sterno-clavicularplate*** ***Rueter***



| Länge in mm *length in mm* | Plattenlänge in mm *length of plate in mm* | Plattendicke in mm *thickness of plate in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | Hakenbreite in mm *width of hook in mm* | Hakenlänge in mm *length of hook. in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| 60 | 22/34 | 1 | 11 | 3 | 2,5 | 7 | **UT 6812-03** |
| **Besonderheiten / *specification*** 2-Loch/3-Loch, für Schrauben Ø 4 mm / *2-hole/3-hole for screws, Ø 4 mm* | | | | | | | |
| 72 | 34/34 | 1 | 11 | 3 | 2,5 | 7 | **UT 6813-04** |
| **Besonderheiten / *specification*** 3-Loch/3-Loch, für Schrauben Ø 4 mm / *3-hole/3-hole for screws, Ø 4 mm* | | | | | | | |
| 84 | 46/34 | 1 | 11 | 3 | 2,5 | 7 | **UT 6814-05** |
| **Besonderheiten / *specification*** 4-Loch/3-Loch, für Schrauben Ø 4 mm / *4-hole/3-hole for screws, Ø 4 mm* | | | | | | | |
| 96 | 58/34 | 1 | 11 | 3 | 2,5 | 7 | **UT 6815-07** |
| **Besonderheiten / *specification*** 5-Loch/3-Loch, für Schrauben Ø 4 mm / *5-hole/3-hole for screws, Ø 4 mm* | | | | | | | |
| 108 | 70/34 | 1 | 11 | 3 | 2,5 | 7 | **UT 6816-08** |
| **Besonderheiten / *specification*** 6-Loch/3-Loch, für Schrauben Ø 4 mm / *6-hole/3-hole for screws, Ø 4 mm* | | | | | | | |

# 6.2

# 7




Meßinstrumente, Diagnostik
Tourniquet, Extension
Cerclagedrähte und -instrumente
*Measuring and diagnostic devices*
*tourniquet, extension*
*wire and instruments for cerclage*

Dissektoren, Elevatorien
Raspatorien, Knochenhebel
Knochenfasszangen
*Dissectors, elevators*
*raspatories, bone levers*
*bone holding forceps*

Meißel, Stößel
Hämmer, Gipsinstrumente
*Chisels / osteotomes, tampers*
*mallets, plaster instruments*

Knochensplitterzangen, Hohlmeißel-
zangen, Rongeure, Knochenstanzen
Knochenfräsen, Biopsiekanülen
*Bone cutting forceps, bone rongeurs*
*rongeurs, punches, cutters*
*biopsy cannulas*

Küretten, scharfe Löffel
Knochenfeilen
*Curettes, spoon curettes*
*bone files*

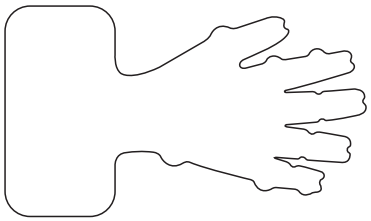
Kopfchirurgie
Schulterchirurgie
*Cranial surgery*
*Shoulder surgery*

**Hand- und Fußchirurgie**
***Hand and foot surgery***

Becken-, Extremitäten- und
Kniechirurgie
*Pelvis, extremities and*
*knee surgery*

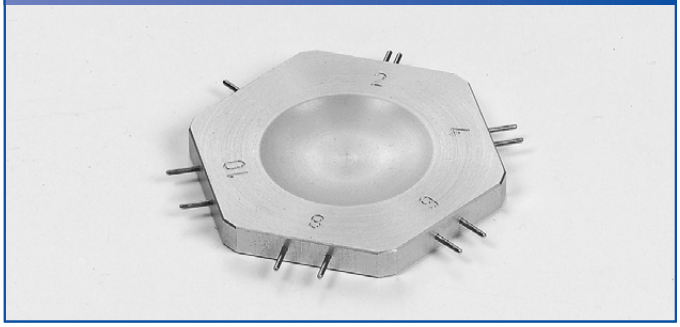
Plastische Chirurgie
*Plastic surgery*

Stichwortverzeichnis
*Index*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

**Sensiometer** **Mannerfelt-Ulrich**
***Sensiometer*** ***Mannerfelt-Ulrich***



| | | | | | | |
|---|---|---|---|---|---|---|
| | | 48 | | | 6 | **UT 7010-05** |

**Besonderheiten / *specification***

Aluminium, Stiftabstände 2-10 mm in 2 mm Schritten / *aluminium, distance between pins 2-10 mm, 2 mm increments*

**Vigorimeter**
***Vigorimeter***



| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | **UT 7020-00** |

**Besonderheiten / *specification***

bestehend aus: Manometer (Anzeigebereich: 0-160 kPa / 0-1,6 bar), Druckbälle Gr. 2, 3, 5, und Schlauch / *consisting of: manometer (0-160 kPa / 0-1.6 bar), pressure balls sizes 2, 3, 5, and hose*

**Ersatzball, Gr. 2 / *spare ball, size 2***

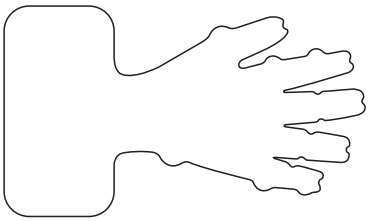
| | | | | | | |
|---|---|---|---|---|---|---|
| 60 | 2 3/8 | 41 | | | | **UT 7022-04** |

**Ersatzball, Gr. 3 / *spare ball, size 3***

| | | | | | | |
|---|---|---|---|---|---|---|
| 70 | 2 3/4 | 48 | | | | **UT 7023-05** |

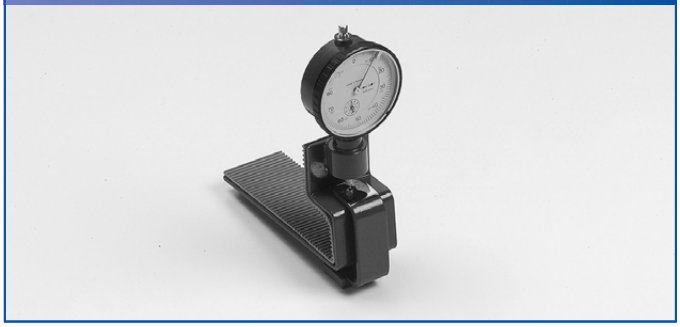
**Ersatzball, Gr. 5 / *spare ball, size 5***

| | | | | | | |
|---|---|---|---|---|---|---|
| 85 | 3 3/8 | 60 | | | | **UT 7025-06** |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

**Intrinsicmeter** **Mannerfelt-Ulrich**
***Intrinsicmeter*** ***Mannerfelt-Ulrich***



| | | | | | | |
|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | 40 | 140 | **UT 7030-00** |

**Besonderheiten / *specification***

Stahl, lackiert, Auflösung Meßuhr 0,01 mm, max. Hubweg 6 mm, mit Vergleichstabelle zur Umrechnung in Newton / *steel, coloured, accuracy of indicator 0.01 mm., max. hight of lift 6 mm, convertion table (Newton)*

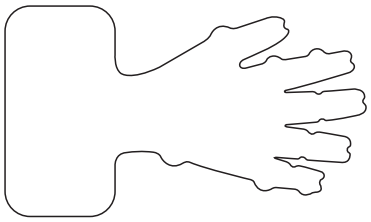
**Dynamometer** **Collin**
***Dynamometer*** ***Collin***



| | | | | | | |
|---|---|---|---|---|---|---|
| 125 | 5 | | | 65 | | **UT 7040-13** |

**Besonderheiten / *specification***

verchromt, Anzeige von 0-70 kg / *chrome plated display, 0-70 kg*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Höhe in mm *height in mm* | Artikel-Nr. *product no.* |
|---|---|---|---|---|

**Bleiplatte, klein** — **Pieper**
***Lead plate, small*** — ***Pieper***



| | | | | |
|---|---|---|---|---|
| 260 | 10 1/4 | 150 | 2 | **UT 7110-26** |

**Bleiplatte, groß** — **Pieper**
***lead plate, large*** — ***Pieper***

| | | | | |
|---|---|---|---|---|
| 330 | 13 | 240 | 2 | **UT 7110-33** |

**Bleiplatte, klein** — **Modell Köln**
***Lead plate, small*** — ***Type Cologne***



| | | | | |
|---|---|---|---|---|
| 345 | 13 1/2 | 180 | 2 | **UT 7120-35** |

**Bleiplatte, groß** — **Modell Köln**
***lead plate, large*** — ***Type Cologne***

| | | | | |
|---|---|---|---|---|
| 440 | 17 3/8 | 275 | 2 | **UT 7120-44** |

**Gummiringe**
***Rubber band***

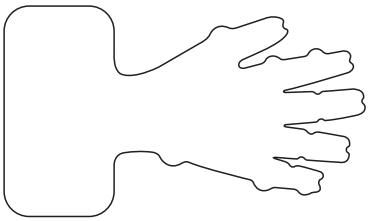


| | | | | |
|---|---|---|---|---|
| | | | | **UT 7130-00** |

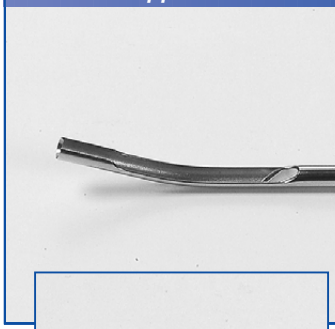
**Besonderheiten / *specification***
Ø 2 x 30 mm, VE = 100 ST / *Ø 2 x 30 mm, 100 pcs/pck*

| | | | | |
|---|---|---|---|---|
| | | | | **UT 7131-00** |

**Besonderheiten / *specification***
Ø 2 x 30 mm, VE = 1 kg = ca. 3200 St. / *Ø 2 x 30 mm, 1 pack = 1 kg = appr. 3200 pcs*

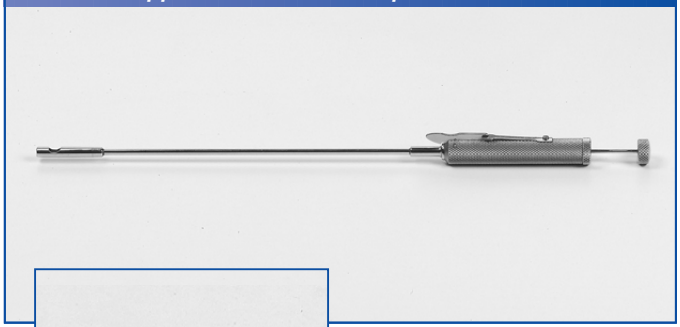


**Sehnenstripper Bunnell**
***Tendon stripper Bunnell***



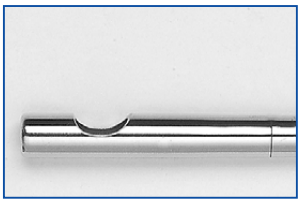
| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Schaftlänge in mm *length of shaft in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|
| 140 | 5 1/2 | • | | 3 | 2 | | **UT 7210-30** |
| 145 | 5 3/4 | • | | 4 | 3 | | **UT 7210-40** |
| 150 | 6 | • | | 5 | 4 | | **UT 7210-50** |
| 160 | 6 1/4 | • | | 6 | 5 | | **UT 7210-60** |
| 140 | 5 1/2 | | • | 3 | 2 | | **UT 7211-30** |
| 145 | 5 3/4 | | • | 3,5 | 2,5 | | **UT 7211-35** |
| 145 | 5 3/4 | | • | 4 | 3 | | **UT 7211-40** |
| 150 | 6 | | • | 4,5 | 3,5 | | **UT 7211-45** |
| 150 | 6 | | • | 5 | 4 | | **UT 7211-50** |
| 155 | 6 1/8 | | • | 5,5 | 4,5 | | **UT 7211-55** |
| 160 | 6 1/4 | | • | 6 | 5 | | **UT 7211-60** |
| 165 | 6 1/2 | | • | 6,5 | 5 | | **UT 7211-65** |

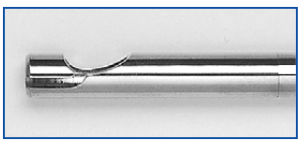
**Sehnenstripper Vespasiani**
***Tendon stripper Vespasiani***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 350 | 13 3/4 | • | | 6 | 4 | 230 | **UT 7226-35** |
| 350 | 13 3/4 | • | | 6 | 4 | 230 | **UT 7236-35** |

**Besonderheiten / *specification***
seitlich geschlitzter Kopf / *head slotted on side*



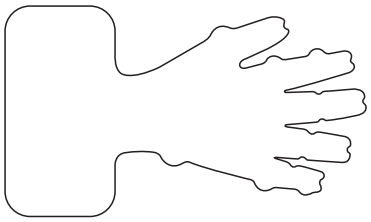


Detailabbildung / *details*
Maßstab / *scale* 1:1

UT 7226-35

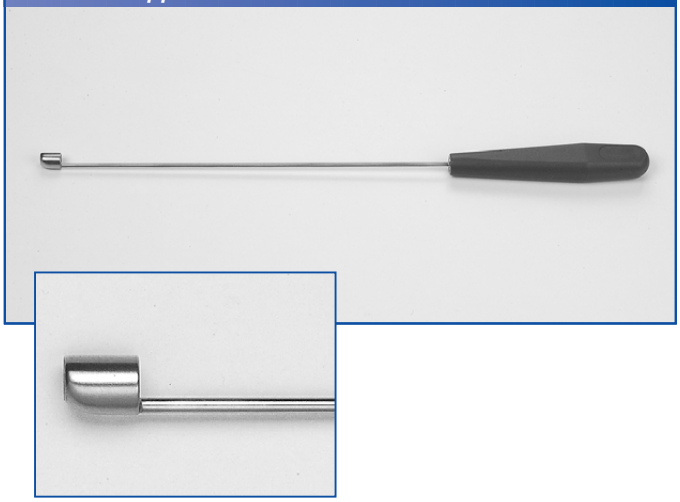
UT 7236-35

7



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Schaftlänge in mm *length of shaft in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|

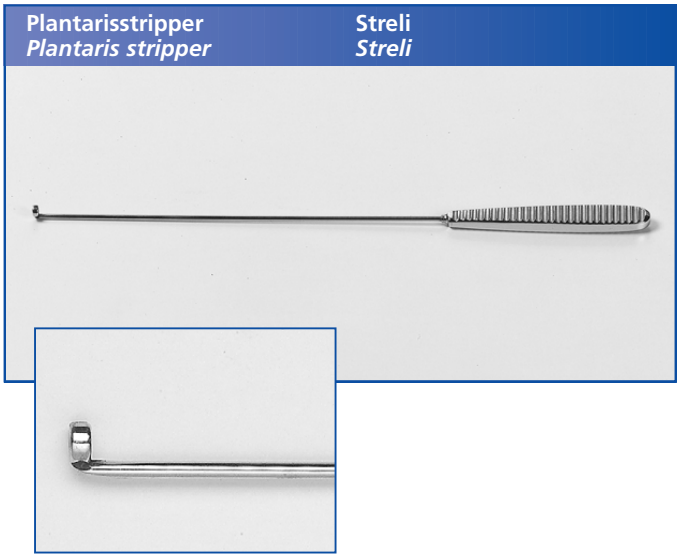
**Sehnenstripper**
***Tendon stripper***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 300 | 11 7/8 | • | | 6,5 | 3 | 200 | **UT 7243-30** |
| 300 | 11 7/8 | • | | 8,5 | 5 | 200 | **UT 7245-30** |
| 500 | 19 3/4 | • | | 8,5 | 5 | 400 | **UT 7245-50** |

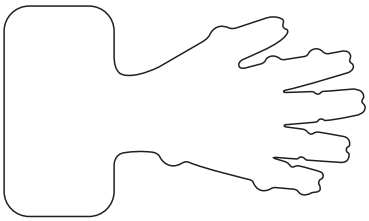
**Besonderheiten / *specification***
Griff Schichtpreßstoff / *handle moulded laminated material*

**Plantarisstripper** **Streli**
***Plantaris stripper*** ***Streli***



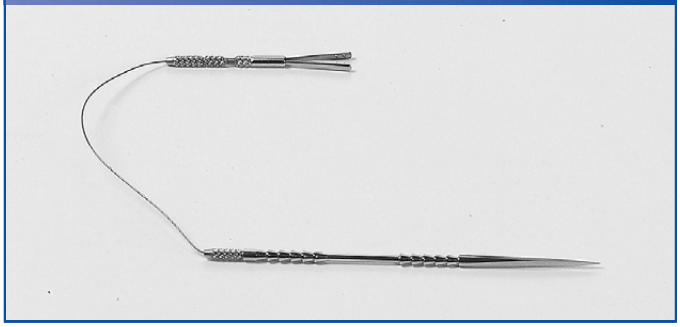
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 300 | 11 7/8 | • | | 6 | 3,5 | | **UT 7250-30** |

**Besonderheiten / *specification***
stumpf / *blunt*



| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Schaftlänge in mm *length of shaft in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

**Plantarisnadel** **Streli**
***Plantaris needle*** ***Streli***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | | | | **UT 7260-00** |

**Besonderheiten / *specification***
bestehend aus: Nadel UT 7261-10, Seil UT 7262-12 und Fasszange UT 7263-04 / *consisting of needle UT 7261-10, rope UT 7262-12, forceps UT 7263-04*

**Nadel zu / *Needle for* UT 7260-00**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 95 | 3 3/4 | | | 3 | M2 / M2 | | **UT 7261-10** |

**Besonderheiten / *specification***
3kant-Spitze / *trocar tip*

**Seil zu / *Rope for* UT 7260-00**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 120 | 4 3/4 | | | 3 | | | **UT 7262-12** |

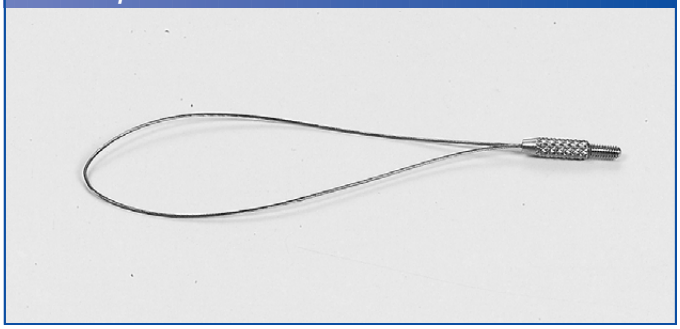
**Besonderheiten / *specification***
Draht Ø 0,5 mm / *wire Ø 0.5 mm*

**Fasszange zu / *Forceps for* UT 7260-00**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 43 | 1 3/4 | | | 3 | M2 / M2 | | **UT 7263-04** |

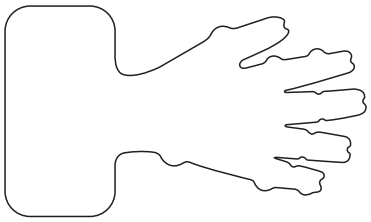
**Besonderheiten / *specification***
Maul 2 x 20 mm / *jaws 2 x 20 mm*

**Drahtschlinge mit Gewinde**
***Wire loop with thread***

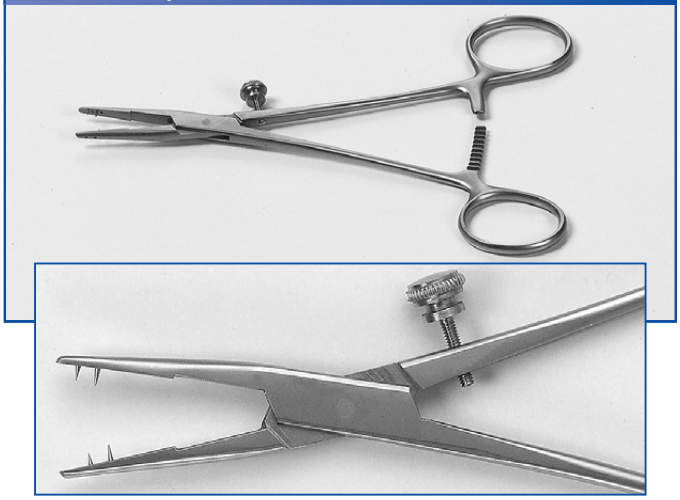


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 85 | 3 3/8 | | | 3 | M2 / M2 | | **UT 7264-09** |

**Besonderheiten / *specification***
Draht Ø 0,5 mm / *wire Ø 0.5 mm*

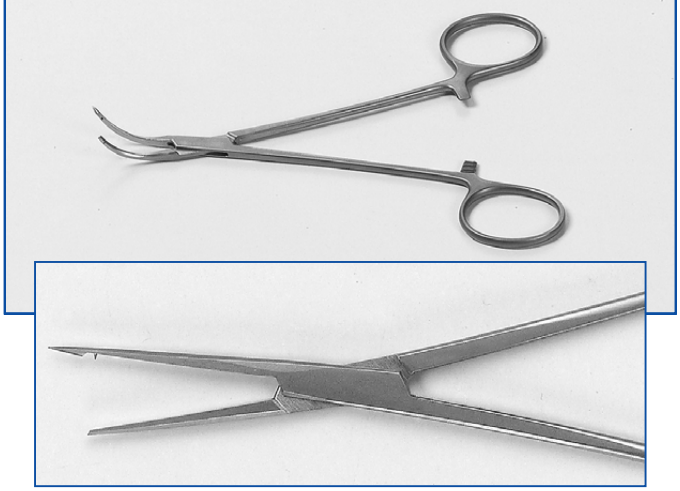


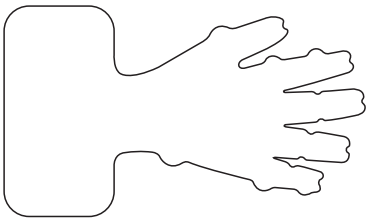
| | Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Schaftlänge in mm *length of shaft in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|
| **Sehnenfasszange Ulrich** *Tendon forceps Ulrich* | | | | | | | | |
| | 120 | 4 3/4 | • | | | | | **UT 7270-12** |
| | 150 | 6 | • | | | | | **UT 7270-15** |



**Besonderheiten / *specification***
mit Anschlagschraube / *with stopper*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Sehneneinflechtklemme Streli** *Tendon interlacing forceps Streli* | | | | | | | | |
| | 150 | 6 | • | | | | | **UT 7280-15** |
| | 150 | 6 | | • | | | | **UT 7281-15** |





| Länge in mm *length in mm* | Länge in inch *length in inch* | gerade/*straight* | gebogen/*curved* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Schaftlänge in mm *length of shaft in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|

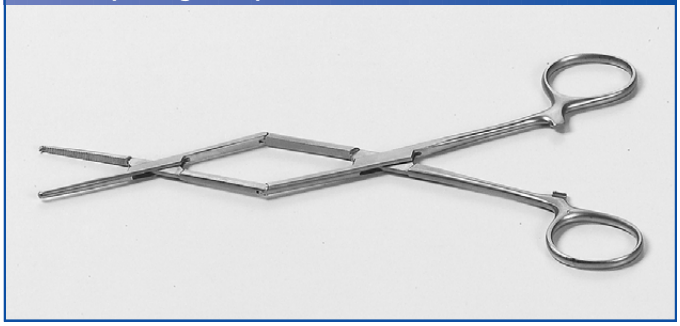
**Sehneneinflechtklemme** **Brand**
***Tendon interlacing forceps*** ***Brand***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | • | | | 100 | **UT 7290-17** |

**Besonderheiten / *specification***
1 x 2 Zähne / *1 x 2 prongs*

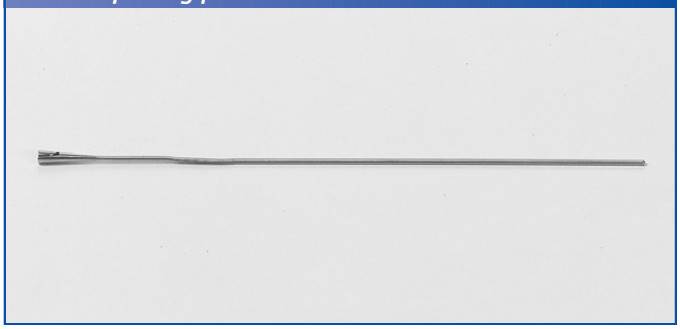
**Sehnendurchzugzange**
***Tendon passing forceps***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 200 | 7 7/8 | • | | | | | **UT 7300-20** |
| 200 | 7 7/8 | | • | | | | **UT 7301-20** |

**Besonderheiten / *specification***
doppelt übersetzt, 2 x 3 Zähne / *double action, 2 x 3 prongs*

**Sehnendurchzugsonde** **Bunnell**
***Tendon passing probe*** ***Bunnell***



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 230 | 9 | • | | 2 | | | **UT 7310-23** |

**Besonderheiten / *specification***
biegsam / *malleable*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 230 | 9 | • | | 2 | | | **UT 7311-23** |

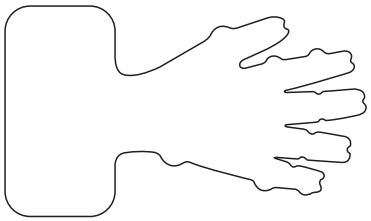
**Besonderheiten / *specification***
mit Griffplatte, biegsam / *large holder, malleable*

**Sehnendurchzugsonde** **Ulrich**
***Tendon passing probe*** ***Ulrich***



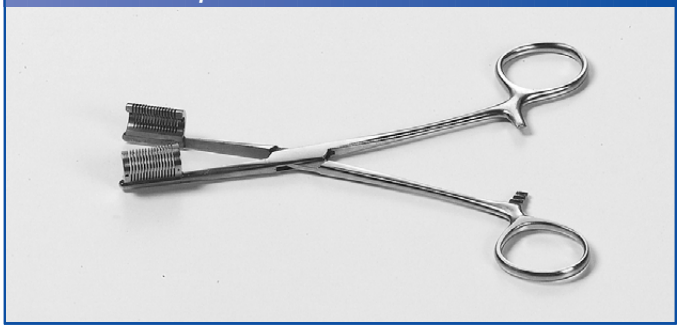
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 280 | 11 | • | | 7 | | 180 | **UT 7320-28** |

**Besonderheiten / *specification***
Spitze Ø 3,5 mm, mit Querbohrung Ø 1,2 mm / *tip Ø 3.5 mm, transverse drill hole Ø 1.2 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw lenght in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|---|---|

**Nervstumpfanfrischungsklemme** **Wilhelm**
***Nerve end forceps*** ***Wilhelm***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 135 | 5 1/4 | 5 | 2 | • | | | | **UT 7352-14** |
| 155 | 6 1/8 | 6,5 | 4 | • | | | | **UT 7354-16** |
| 155 | 6 1/8 | 9,5 | 6 | • | | | | **UT 7356-16** |
| 165 | 6 1/2 | 12 | 7 | • | | | | **UT 7357-17** |

**Besonderheiten / *specification***
Schlitzbreite 0,5 mm / *width of groove 0.5 mm*

**Fingerringsäge**
***Finger saw***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 150 | 6 | | | • | | | | **UT 7360-15** |

**Besonderheiten / *specification***
Breite 60 mm / *width 60 mm*

**Ersatzsägeblatt / *Spare blade***

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 30 | | | | | | **UT 7361-03** |

**Besonderheiten / *specification***
Breite 0,5 mm / *width 0.5 mm*

**Fingernagelbohrer**
***Finger nail drill***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 110 | 4 3/8 | 8 | | | | | | **UT 7370-11** |

**Besonderheiten / *specification***
verchromt, Breite 45 mm, komplett mit 3 Bohrer / *chrome plated, width 45 mm, includes 3 drill bits*

**Bohrer, klein / *Drill bit, small***

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 30 | 1 1/4 | 1,25 | | | | | | **UT 7371-03** |

**Besonderheiten / *specification***
Schaft Ø 2,35 mm / *shaft Ø 2.35 mm*

**Bohrer, mittel / *Drill bit, medium***

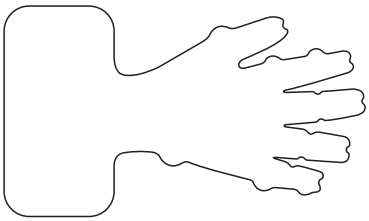
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 30 | 1 1/4 | 1,7 | | | | | | **UT 7372-03** |

**Besonderheiten / *specification***
Schaft Ø 2,35 mm / *shaft Ø 2.35 mm*

**Bohrer, groß / *Drill bit, large***

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 30 | 1 1/4 | 2,1 | | | | | | **UT 7373-03** |

**Besonderheiten / *specification***
Schaft Ø 2,35 mm / *shaft Ø 2.35 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | gerade/*straight* | gebogen/*curved* | Maulbreite in mm *jaw width in mm* | Maullänge in mm *jaw lenght in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|---|

**Nagelausreisszange** **Penner**
***Nail extractor*** ***Penner***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 160 | 6 1/4 | | | | | 7 | | **UT 7380-16** |

**Nagelausreisszange**
***Nail extractor***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 135 | 5 1/4 | | | | | 6 | 25 | **UT 7390-14** |

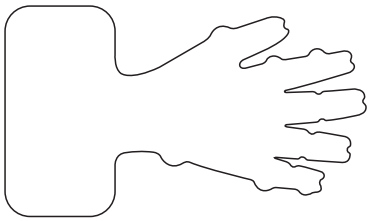
**Besonderheiten / *specification***
Pockenhieb beidseitig / *knurled on both sides*

**Nagelausreisszange**
***Nail extractor***



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 145 | 5 3/4 | | | | | 16 | 25 | **UT 7395-15** |

**Besonderheiten / *specification***
eine Seite Pockenhieb, eine Seite quergerieft / *knurled/cross cut*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite innen in mm *inner width. in mm* | Breite innen in mm *inner width in mm* | Höhe innen in mm *inner height in mm* | Größe *size* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Sortimentkasten für Fingerschienen**
***Storage tray for finger splints***



| | | | | | | |
|---|---|---|---|---|---|---|
| 290 | 11 1/2 | | | | | **UT 7500-00** |

**Besonderheiten / *specification***
Breite 160 mm, Höhe 40 mm / *width 160 mm, height 40 mm*

**Fingerschiene** **Stack**
***Finger splint*** ***Stack***



| | | | | | | |
|---|---|---|---|---|---|---|
| 60 | 2 3/8 | 17 | | 15 | 1 | **UT 7501-06** |
| 60 | 2 3/8 | 18 | | 16,5 | 2 | **UT 7502-06** |
| 63 | 2 3/8 | 19 | | 17 | 3 | **UT 7503-06** |
| 68 | 2 3/4 | 20 | | 19 | 4 | **UT 7504-07** |
| 65 | 2 1/2 | 21 | | 18 | 5 | **UT 7505-07** |
| 71 | 2 3/4 | 24 | | 23,5 | 6 | **UT 7506-07** |
| 61 | 2 3/8 | 26 | | 26,5 | 7 | **UT 7507-06** |

**Besonderheiten / *specification***
Acrylharzkunststoff weiss / *acrylic resin polymer, white*

| | | | | | | |
|---|---|---|---|---|---|---|
| 60 | 2 3/8 | 17 | | 15 | 1 | **UT 7511-06** |
| 60 | 2 3/8 | 18 | | 16,5 | 2 | **UT 7512-06** |
| 63 | 2 3/8 | 19 | | 17 | 3 | **UT 7513-06** |
| 68 | 2 3/4 | 20 | | 19 | 4 | **UT 7514-07** |
| 65 | 2 1/2 | 21 | | 18 | 5 | **UT 7515-07** |
| 71 | 2 3/4 | 24 | | 23,5 | 6 | **UT 7516-07** |
| 61 | 2 3/8 | 26 | | 26,5 | 7 | **UT 7517-06** |

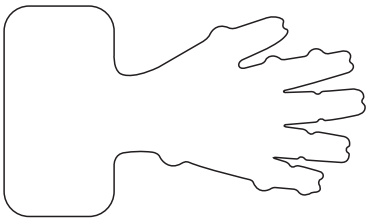
**Besonderheiten / *specification***
Acrylharzkunststoff hautfarben / *acrylic resin polymer, skin-coloured*

**Fingerschiene, gepolstert** **Stack**
***Finger splint, cushioned*** ***Stack***



| | | | | | | |
|---|---|---|---|---|---|---|
| 60 | 2 3/8 | 13 | | 11 | 1 | **UT 7531-06** |
| 60 | 2 3/8 | 14 | | 12,5 | 2 | **UT 7532-06** |
| 63 | 2 3/8 | 15 | | 13 | 3 | **UT 7533-06** |
| 68 | 2 3/4 | 16 | | 15 | 4 | **UT 7534-07** |
| 65 | 2 1/2 | 17 | | 14 | 5 | **UT 7535-07** |
| 71 | 2 3/4 | 20 | | 19,5 | 6 | **UT 7536-07** |
| 61 | 2 3/8 | 22 | | 22,5 | 7 | **UT 7537-06** |

**Besonderheiten / *specification***
Acrylharzkunststoff hautfarben / *acrylic resin polymer, skin-coloured*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite innen in mm *inner width. in mm* | Breite innen in mm *inner width in mm* | Höhe innen in mm *inner height in mm* | Größe *size* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| **Fingerschiene, gespalten** **Stack** *Finger splint, split* *Stack* | | | | | | |
| 55 | 2 1/4 | 17 | | 15 | 1 | **UT 7551-06** |
| 55 | 2 1/4 | 18 | | 16,5 | 2 | **UT 7552-06** |
| 58 | 2 3/8 | 19 | | 17 | 3 | **UT 7553-06** |
| 63 | 2 3/8 | 20 | | 19 | 4 | **UT 7554-06** |
| 60 | 2 3/8 | 21 | | 18 | 5 | **UT 7555-06** |
| 66 | 2 1/2 | 24 | | 23,5 | 6 | **UT 7556-07** |
| 56 | 2 1/4 | 26 | | 26,5 | 7 | **UT 7557-06** |

**Besonderheiten / *specification***
Acrylharzkunststoff hautfarben / *acrylic resin polymer, skin-coloured*



| | | | | | | |
|---|---|---|---|---|---|---|
| **Fingerschiene für Knopflochdeformität** **Stack** *Finger splint for boutonnière deformity* *Stack* | | | | | | |
| 50 | 2 | 16 | | 16 | 1 | **UT 7571-05** |
| 50 | 2 | 17,5 | | 17,5 | 2 | **UT 7572-05** |
| 50 | 2 | 18,5 | | 18,5 | 3 | **UT 7573-05** |
| 50 | 2 | 20 | | 20 | 4 | **UT 7574-05** |
| 50 | 2 | 21 | | 21 | 5 | **UT 7575-05** |
| 50 | 2 | 22 | | 22 | 6 | **UT 7576-05** |

**Besonderheiten / *specification***
Acrylharzkunststoff hautfarben / *acrylic resin polymer, skin-coloured*



| | | | | | | |
|---|---|---|---|---|---|---|
| **Fingerschiene für Knopflochdeformität, gespalten** **Stack** *Finger splint for boutonnière deformity, slotted* *Stack* | | | | | | |
| 50 | 2 | 16 | | 16 | 1 | **UT 7591-05** |
| 50 | 2 | 17,5 | | 17,5 | 2 | **UT 7592-05** |
| 50 | 2 | 18,5 | | 18,5 | 3 | **UT 7593-05** |
| 50 | 2 | 20 | | 20 | 4 | **UT 7594-05** |
| 50 | 2 | 21 | | 21 | 5 | **UT 7595-05** |
| 50 | 2 | 22 | | 22 | 6 | **UT 7596-05** |

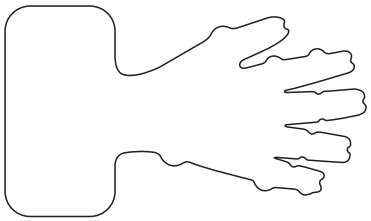
**Besonderheiten / *specification***
Acrylharzkunststoff hautfarben / *acrylic resin polymer, skin-coloured*



| | | | | | | |
|---|---|---|---|---|---|---|
| **Fingerschiene** *Finger splint* | | | | | | |
| 55 | 2 1/4 | | 25 | | | **UT 7610-06** |
| 65 | 2 1/2 | | 25 | | | **UT 7610-07** |
| 100 | 4 | | 25 | | | **UT 7610-10** |
| 150 | 6 | | 25 | | | **UT 7610-15** |
| 180 | 7 | | 25 | | | **UT 7610-18** |

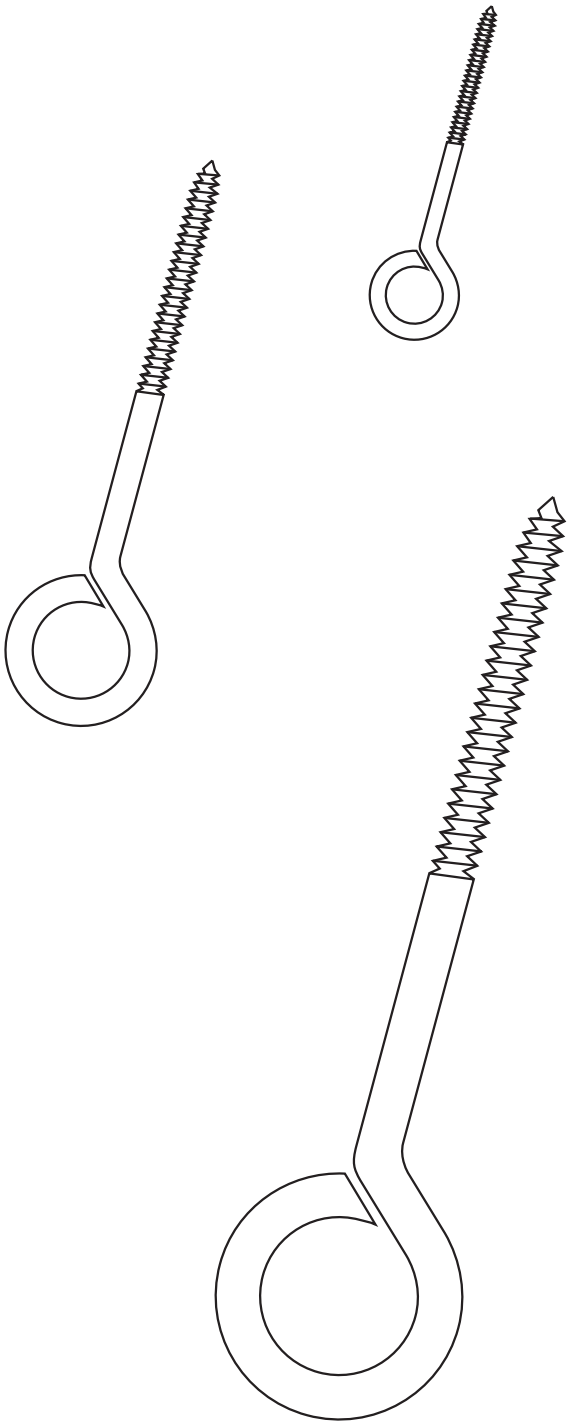
**Besonderheiten / *specification***
Aluminium/PU-Schaumstoff / *Aluminium/PU foam*

# Fingerschienen
*Finger splints*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite innen in mm *inner width. in mm* | Breite innen in mm *inner width in mm* | Höhe innen in mm *inner height in mm* | Größe *size* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| **Fingerschiene mit seitlichen Anbiegelaschen** ***Finger splint with malleable flaps*** | | | | | | |
| 55 | 2 1/4 | | 16 | | | **UT 7620-06** |
| 70 | 2 3/4 | | 20 | | | **UT 7620-07** |
| **Besonderheiten / *specification*** Aluminium/PU-Schaumstoff, Laschenlänge 25 mm / *Aluminium/PU foam, flap size 25 mm* | | | | | | |
| 75 | 3 | | 24 | | | **UT 7620-08** |
| **Besonderheiten / *specification*** Aluminium/PU-Schaumstoff, Laschenlänge 30/35 mm / *Aluminium/PU foam, flap size 30/35 mm* | | | | | | |
| **Fingerschiene, röhrenförmig** ***Finger splint, tube-type*** | | | | | | |
| 25 | 1 | | 25 | | | **UT 7630-03** |
| 55 | 2 1/4 | | 25 | | | **UT 7630-06** |
| 75 | 3 | | 25 | | | **UT 7630-08** |
| 90 | 3 1/2 | | 25 | | | **UT 7630-09** |
| **Besonderheiten / *specification*** Aluminium/PU-Schaumstoff / *Aluminium/PU foam* | | | | | | |
| **Stahlwolle für Druckverband** ***Steel wool*** | | | | | | |
| | | | | | | **UT 7650-00** |
| **Besonderheiten / *specification*** 200 g, Feinheit Nr. 1 / *200 g, grade 1* | | | | | | |

# 8




Meßinstrumente, Diagnostik
Tourniquet, Extension
Cerclagedrähte und -instrumente
*Measuring and diagnostic devices*
*tourniquet, extension*
*wire and instruments for cerclage*

Dissektoren, Elevatorien
Raspatorien, Knochenhebel
Knochenfasszangen
*Dissectors, elevators*
*raspatories, bone levers*
*bone holding forceps*

Meißel, Stößel
Hämmer, Gipsinstrumente
*Chisels / osteotomes, tampers*
*mallets, plaster instruments*

Knochensplitterzangen, Hohlmeißel-
zangen, Rongeure, Knochenstanzen
Knochenfräsen, Biopsiekanülen
*Bone cutting forceps, bone rongeurs*
*rongeurs, punches, cutters*
*biopsy cannulas*

Küretten, scharfe Löffel
Knochenfeilen
*Curettes, spoon curettes*
*bone files*

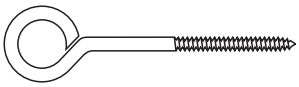
Kopfchirurgie
Schulterchirurgie
*Cranial surgery*
*Shoulder surgery*

Hand- und Fußchirurgie
*Hand and foot surgery*

**Becken-, Extremitäten- und Kniechirurgie**
***Pelvis, extremities and knee surgery***

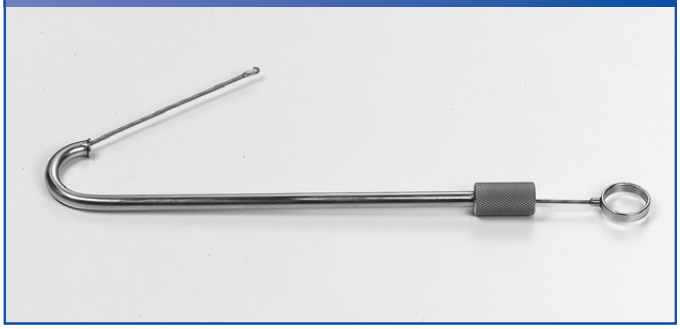
Plastische Chirurgie
*Plastic surgery*

Stichwortverzeichnis
*Index*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Führungsinstrument Chiari** / ***Guide Chiari***



| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | **UT 8010-00** |

**Besonderheiten / *specification***

bestehend aus / *consisting of* UT 8011-24 and UT 8012-43

**Führungsrohr / *Guide, tube-type***

| | | | | | | |
|---|---|---|---|---|---|---|
| 235 | 9 1/4 | | 8 | 6 | 48 | **UT 8011-24** |

**Fangsonde / *Catcher probe***

| | | | | | | |
|---|---|---|---|---|---|---|
| 430 | 17 | 410 | 2,1 | | | **UT 8012-43** |

**Besonderheiten / *specification***

mit Haken für Drahtsäge / *includes hook for wire saw*

**Beckenrepositionshebelzange Wolter** / ***Pelvic reposition forceps Wolter***

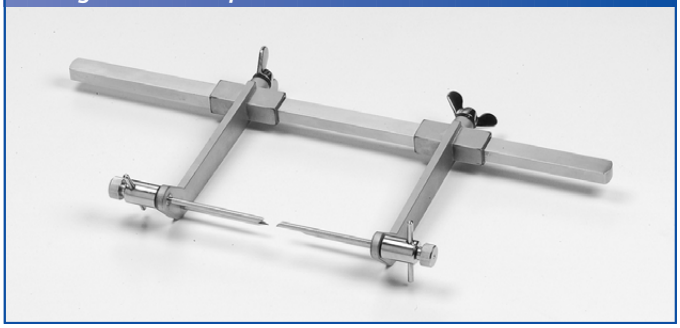


| | | | | | | |
|---|---|---|---|---|---|---|
| 300 | 11 7/8 | | | | | **UT 8020-30** |

**Besonderheiten / *specification***

Spreizweite 21-95 mm, passend zu AO-Schrauben Ø 4,5 mm / *Distraction 21-95 mm, for AO screws Ø 4.5 mm*

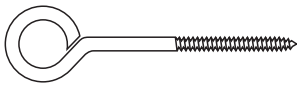
**Zielgerät für Kompressionsschraube Streli-Ulrich** / ***Drill guide for compression screw Streli-Ulrich***



| | | | | | | |
|---|---|---|---|---|---|---|
| 400 | 15 3/4 | | 4 | 2,1 | 140 | **UT 8030-40** |

**Besonderheiten / *specification***

max. Spitzenabstand 240 mm / *maximum distraction 240 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Schaftlänge in mm *length of shaft in mm* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

## Kanalbohrer
***Drill bit***



| | | | | | | |
|---|---|---|---|---|---|---|
| 275 | 10 7/8 | 240 | 5,2 | 2,1 | | **UT 8040-28** |

**Besonderheiten / *specification***

3-kant Ansatz / *trocar tip*

## Kompressionsschraube
***Compression screw***



| | | | | | | |
|---|---|---|---|---|---|---|
| 130 | 5 1/8 | 80 | 5 | | | **UT 8050-13** |
| 140 | 5 1/2 | 90 | 5 | | | **UT 8050-14** |
| 150 | 6 | 100 | 5 | | | **UT 8050-15** |
| 160 | 6 1/4 | 110 | 5 | | | **UT 8050-16** |
| 170 | 6 3/4 | 120 | 5 | | | **UT 8050-17** |
| 180 | 7 | 130 | 5 | | | **UT 8050-18** |
| 190 | 7 1/2 | 140 | 5 | | | **UT 8050-19** |
| 200 | 7 7/8 | 150 | 5 | | | **UT 8050-20** |
| 210 | 8 1/4 | 160 | 5 | | | **UT 8050-21** |

**Besonderheiten / *specification***

Gewinde M4 x 50 mm, SW 6 mm (4-kant), Kopf Ø 12 mm / *thread M4 x 50 mm, opening of the spanner 6 mm (square), screw head Ø 12 mm*

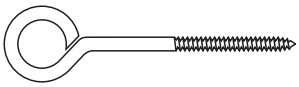
## Unterlegscheibe für Kompressionsschraube
***Washer for compression screw***



| | | | | | | |
|---|---|---|---|---|---|---|
| | | | 14 | 6 | | **UT 8060-00** |

**Besonderheiten / *specification***

Höhe 3,0/4,5 mm (6,11°), gerieft / *height 3.0/4.5 mm (6,11°), serrated*

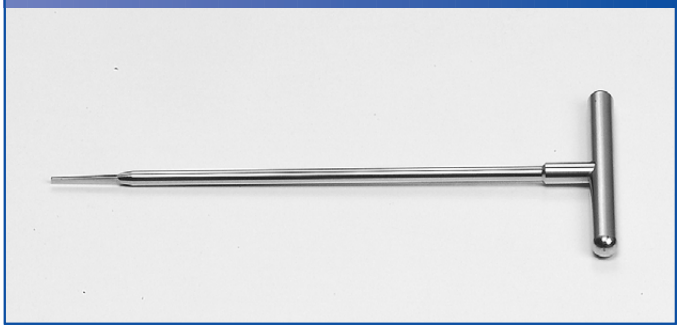


| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|
| | | 50 | 48 | 90 | 90 | **UT 8310-24** |

**Knochenmühle** **Streli**
***Bone mill*** ***Streli***

**Besonderheiten / *specification***
Höhe 240 mm; Stößel Ø 30 x 100 mm / *height 240 mm; tamper Ø 30 x 100 mm*

**Schraubenextraktor**
***Screw extractor***



| | | | | | | |
|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | 75 | | **UT 8321-17** |

**Besonderheiten / *specification***
Arbeitsende 3-kant, für Innensechskant SW 1,5 mm / *working tip trihedral for hex 1.5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | 75 | | **UT 8322-17** |

**Besonderheiten / *specification***
Arbeitsende 3-kant, für Innensechskant SW 2,5 mm / *working tip trihedral for hex 2.5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 170 | 6 3/4 | | | 75 | | **UT 8323-17** |

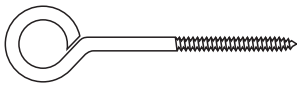
**Besonderheiten / *specification***
Arbeitsende 3-kant, für Innensechskant SW 3,5 mm / *working tip trihedral for hex 3.5 mm*

**Schraubenfasszange für abgebrochene Schrauben, Hartmetall**
***Screw extractor for broken screws, hardened material***



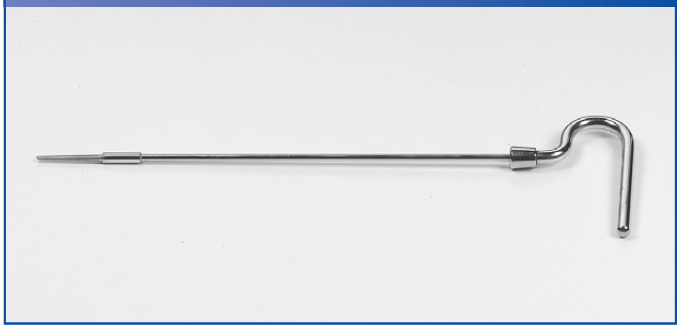
| | | | | | | |
|---|---|---|---|---|---|---|
| 200 | 7 7/8 | | | | | **UT 8330-20** |

**Besonderheiten / *specification***
für Schrauben mit Schaft bzw. Gewinde ab Ø 3 mm / *for screws with shaft or thread larger than Ø 3 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

**Gewindeextraktor** — **Schedel**
***Thraed extractor*** — ***Schedel***



| | | | | | | |
|---|---|---|---|---|---|---|
| 385 | 15 1/4 | 3,5/5 | | | | **UT 8331-39** |

**Besonderheiten / *specification***
Länge Arbeitsende 43 mm, Schaft Ø 5 mm / *working length 43 mm, shaft Ø 5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 520 | 20 1/2 | 4/8 | | | | **UT 8332-52** |

**Besonderheiten / *specification***
Länge Arbeitsende 82 mm, Schaft Ø 5 mm / *working length 82 mm, shaft Ø 5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 550 | 21 5/8 | 7/15 | | | | **UT 8333-55** |

**Besonderheiten / *specification***
Länge Arbeitsende 120 mm, Schaft Ø 5 mm / *working length 120 mm, shaft Ø 5 mm*

**Bündelnagel** — **Hackethal**
***Bundle nail*** — ***Hackethal***



| | | | | | | |
|---|---|---|---|---|---|---|
| 300 | 11 7/8 | 1,5 | | | | **UT 8415-30** |
| 500 | 19 3/4 | 1,5 | | | | **UT 8415-50** |
| 300 | 11 7/8 | 2 | | | | **UT 8420-30** |
| 500 | 19 3/4 | 2 | | | | **UT 8420-50** |
| 300 | 11 7/8 | 2,5 | | | | **UT 8425-30** |
| 500 | 19 3/4 | 2,5 | | | | **UT 8425-50** |
| 300 | 11 7/8 | 3 | | | | **UT 8430-30** |
| 500 | 19 3/4 | 3 | | | | **UT 8430-50** |
| 300 | 11 7/8 | 3,5 | | | | **UT 8435-30** |
| 500 | 19 3/4 | 3,5 | | | | **UT 8435-50** |
| 300 | 11 7/8 | 4 | | | | **UT 8440-30** |
| 500 | 19 3/4 | 4 | | | | **UT 8440-50** |
| 500 | 19 3/4 | 5 | | | | **UT 8450-50** |

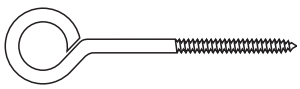
**Besonderheiten / *specification***
Enden abgerundet / *rounded tips*

**Biegeinstrument** — **Hackethal**
***Bending instrument*** — ***Hackethal***

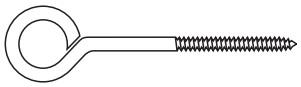


| | | | | | | |
|---|---|---|---|---|---|---|
| 200 | 7 7/8 | | 1,6 / 2,1 / 2,6 3,1 / 4,6 | 24 | 10 | **UT 8460-20** |

**Besonderheiten / *specification***
30° aufgewinkelt / *30° angled*

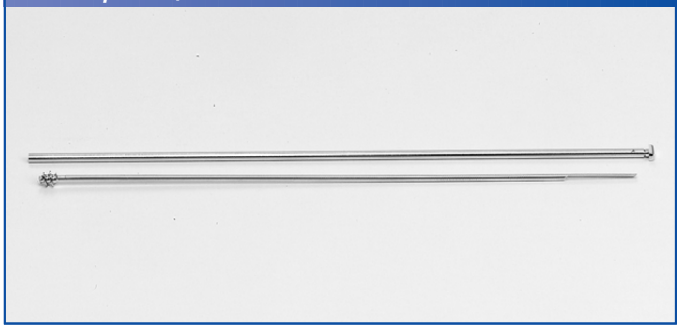


| | Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|---|
| **Einschlagzange mit Ambossplatte** ***Impactor forceps*** — **Hackethal** ***Hackethal*** | | | | | | | |
|  | 200 | 7 7/8 | | 2,1 / 3,1 / 4,1 | 50 | 17 | **UT 8465-20** |
| **Nagelschneidezange, doppeltübersetzt** ***Double action nail cutter*** — **Hackethal** ***Hackethal*** | | | | | | | |
|  | 480 | 19 | | | | | **UT 8470-48** |
| | **Besonderheiten / *specification*** für Nägel bis max. Ø 4 mm / *for nails max. Ø 4 mm* | | | | | | |
| **Nagelextraktionsinstrument** ***Nail extractor*** — **Hackethal** ***Hackethal*** | | | | | | | |
|  | 275 | 10 7/8 | 60 | | | | **UT 8475-28** |
| | **Besonderheiten / *specification*** für Nägel bis max. Ø 3 mm / *for nails max. Ø 3 mm* | | | | | | |
| **Nachschlaginstrument** ***Impactor*** — **Hackethal** ***Hackethal*** | | | | | | | |
|  | 140 | 5 1/2 | 4,5 | 3,6 | | | **UT 8483-14** |
| | 140 | 5 1/2 | 5,5 | 4,6 | | | **UT 8484-14** |
| | **Besonderheiten / *specification*** Schaftlänge 90 mm, Arbeitsende innen 12 mm tief / *length of shaft 90 mm, inner working length 12 mm* | | | | | | |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

**Teleskopschraubnagel** **Wörsdörfer**
***Telescope nail, threaded*** ***Woersdoerfer***



| | | | | | | |
|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 3,5 / 2,6 | | | | **UT 8510-35-250** |

**Besonderheiten / *specification***
Spongiosagewinde Ø 6,5 mm, T-Kopf 4 x 7 mm /
*cancellous thread Ø 6.5 mm, t-shaped 4 x 7 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 4 / 3,1 | | | | **UT 8510-40-250** |

**Besonderheiten / *specification***
Spongiosagewinde Ø 6,5 mm, T-Kopf 4,5 x 7,5 mm /
*cancellous thread Ø 6.5 mm, t-shaped 4,5 x 7,5 mm*

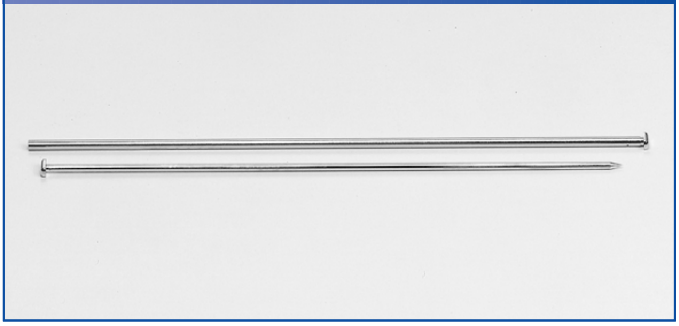
| | | | | | | |
|---|---|---|---|---|---|---|
| 300 | 11 7/8 | 4,5 / 3,6 | | | | **UT 8510-45-300** |

**Besonderheiten / *specification***
Spongiosagewinde Ø 7 mm, T-Kopf 5 x 8 mm /
*cancellous thread Ø 7 mm, t-shaped 5 x 8 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 300 | 11 7/8 | 5,5 / 4,6 | | | | **UT 8510-55-300** |

**Besonderheiten / *specification***
Spongiosagewinde Ø 7 mm, T-Kopf 5,5 x 9,5 mm /
*cancellous thread Ø 7 mm, t-shaped 5,5 x 9,5 mm*

**Teleskopnagel** **Wörsdörfer**
***Telescope nail*** ***Woersdoerfer***



| | | | | | | |
|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 3,5 / 2,6 | | | | **UT 8520-35-250** |

**Besonderheiten / *specification***
T-Kopf 4 x 7 mm / *t-shaped 4 x 7 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 250 | 9 7/8 | 4 / 3,1 | | | | **UT 8520-40-250** |

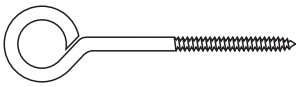
**Besonderheiten / *specification***
T-Kopf 4,5 x 7,5 mm / *t-shaped 4,5 x 7,5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 300 | 11 7/8 | 4 ,5 / 3,6 | | | | **UT 8520-45-300** |

**Besonderheiten / *specification***
T-Kopf 5 x 8 mm / *t-shaped 5 x 8 mm*

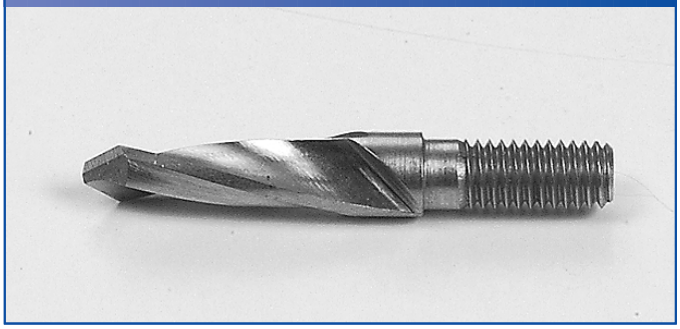
| | | | | | | |
|---|---|---|---|---|---|---|
| 300 | 11 7/8 | 5,5 / 4,6 | | | | **UT 8520-55-300** |

**Besonderheiten / *specification***
T-Kopf 5,5 x 9,5 mm / *t-shaped 5,5 x 9,5 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|---|

**Bohrkopf** **Wörsdörfer**
***Drill bit*** ***Woersdoerfer***



| | | | | | | |
|---|---|---|---|---|---|---|
| 22 | 3/4 | 3,6 | | | | **UT 8530-35** |

**Besonderheiten / *specification***
Gewinde M3 / *thread M3*

| | | | | | | |
|---|---|---|---|---|---|---|
| 23,5 | 3/4 | 4,1 | | | | **UT 8530-40** |

**Besonderheiten / *specification***
Gewinde M3,5 / *thread M3.5*

| | | | | | | |
|---|---|---|---|---|---|---|
| 25 | 1 | 4,6 | | | | **UT 8530-45** |

**Besonderheiten / *specification***
Gewinde M4 x 0,5 / *thread M4 x 0.5*

| | | | | | | |
|---|---|---|---|---|---|---|
| 28 | 1 1/4 | 5,6 | | | | **UT 8530-55** |

**Besonderheiten / *specification***
Gewinde M5 x 0,5 / *thread M5 x 0.5*

**Eindrehinstrument** **Wörsdörfer**
***Introducer*** ***Woersdoerfer***



| | | | | | | |
|---|---|---|---|---|---|---|
| 310 | 12 1/4 | 2,5 | | | | **UT 8540-35** |

**Besonderheiten / *specification***
für Teleskopschraubnagel Ø 3,5 mm / *for telescope nail Ø 3.5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 310 | 12 1/4 | 3 | | | | **UT 8540-40** |

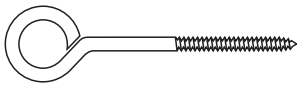
**Besonderheiten / *specification***
für Teleskopschraubnagel Ø 4 mm / *for telescope nail Ø 4 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 310 | 12 1/4 | 3,5 | | | | **UT 8540-45** |

**Besonderheiten / *specification***
für Teleskopschraubnagel Ø 4,5 mm / *for telescope nail Ø 4,5 mm*

| | | | | | | |
|---|---|---|---|---|---|---|
| 310 | 12 1/4 | 4,5 | | | | **UT 8540-55** |

**Besonderheiten / *specification***
für Teleskopschraubnagel Ø 5,5 mm / *for telescope nail Ø 5,5 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|

**Meniskotom** **Baumann**
***Meniscotome*** ***Baumann***



| 195 | 7 3/4 | | 12 | | **UT 8710-20** |
|---|---|---|---|---|---|

**Besonderheiten / *specification***
Schneidbreite innen 7,5 mm / *for 7.5 mm cuts*

**Meniskotom** **Smillie**
***Meniscotome*** ***Smillie***



| 170 | 6 3/4 | | 7 | | **UT 8720-17** |
|---|---|---|---|---|---|

**Besonderheiten / *specification***
links / *left*

| 170 | 6 3/4 | | 7 | | **UT 8721-17** |
|---|---|---|---|---|---|

**Besonderheiten / *specification***
rechts / *right*

**Meniskotom** **Smillie**
***Meniscotome*** ***Smillie***



| 170 | 6 3/4 | | 7 | | **UT 8722-17** |
|---|---|---|---|---|---|

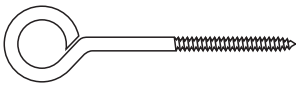
**Besonderheiten / *specification***
meißelförmig / *chisel-type*

**Meniskusschere** **Hertel**
***Meniscus scissors*** ***Hertel***



| 130 | 5 1/8 | | | | **UT 8730-13** |
|---|---|---|---|---|---|

**Besonderheiten / *specification***
Schneide gerade, gezahnt / *blade straight, serrated*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|

**Meniskusschere** **Hertel**
***Meniscus scissors*** ***Hertel***



| | | | | | |
|---|---|---|---|---|---|
| 140 | 5 1/2 | | | | **UT 8731-14** |

**Besonderheiten / *specification***
Schneide links gebogen, gezahnt / *blade curved to left, serrated*

| | | | | | |
|---|---|---|---|---|---|
| 140 | 5 1/2 | | | | **UT 8732-14** |

**Besonderheiten / *specification***
Schneide rechts gebogen, gezahnt / *blade curved to right, serrated*

**Meniskusfasszange**
***Meniscus grasping forceps***

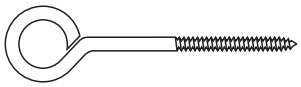


| | | | | | |
|---|---|---|---|---|---|
| 215 | 8 1/2 | | 8 | | **UT 8741-22** |

**Meniskusfasszange**
***Meniscus grasping forceps***



| | | | | | |
|---|---|---|---|---|---|
| 210 | 8 1/4 | | 5 | | **UT 8751-21** |



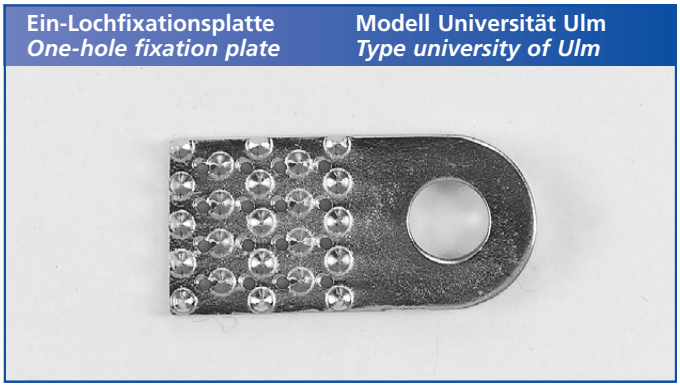
| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|
| **Spiralbohrer, durchbohrt** ***Cannulated drill bit*** | **Streli** ***Streli*** | | | | |
| 210 | 8 1/4 | 4,5 | | | **UT 8804-18** |
| 210 | 8 1/4 | 5 | | | **UT 8805-18** |
| 210 | 8 1/4 | 6 | | | **UT 8806-18** |
| 210 | 8 1/4 | 7 | | | **UT 8807-18** |
| 210 | 8 1/4 | 8 | | | **UT 8808-18** |
| 210 | 8 1/4 | 9 | | | **UT 8809-18** |
| 210 | 8 1/4 | 10 | | | **UT 8810-18** |
| 210 | 8 1/4 | 12 | | | **UT 8812-18** |
| 210 | 8 1/4 | 14 | | | **UT 8814-18** |



**Besonderheiten / *specification***

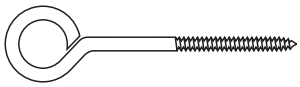
innen Ø 2 mm, Schaftlänge 180 mm, 3-kant Ansatz / *inner Ø 2 mm, shaft 180 mm, for Jacob's chucks*

| | | | | | |
|---|---|---|---|---|---|
| **Ein-Lochfixationsplatte** ***One-hole fixation plate*** | **Modell Universität Ulm** ***Type university of Ulm*** | | | | |
| 25 | 1 | | 12 | 3 | **UT 8900-03** |



**Besonderheiten / *specification***

Winkel 7,5°, Bohrung Ø 5 mm, Maßstab 1:1 / *7.5° angle, 5 mm hole, scale 1:1*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|

**Implantatbiegezange** — **Modell Universität Ulm**
***Bending forceps*** — ***Type university of Ulm***



| | | | | | |
|---|---|---|---|---|---|
| 160 | 6 1/4 | | 8 | | **UT 8910-16** |

**Flachzange** — **Modell Universität Ulm**
***Pliers*** — ***Type university of Ulm***

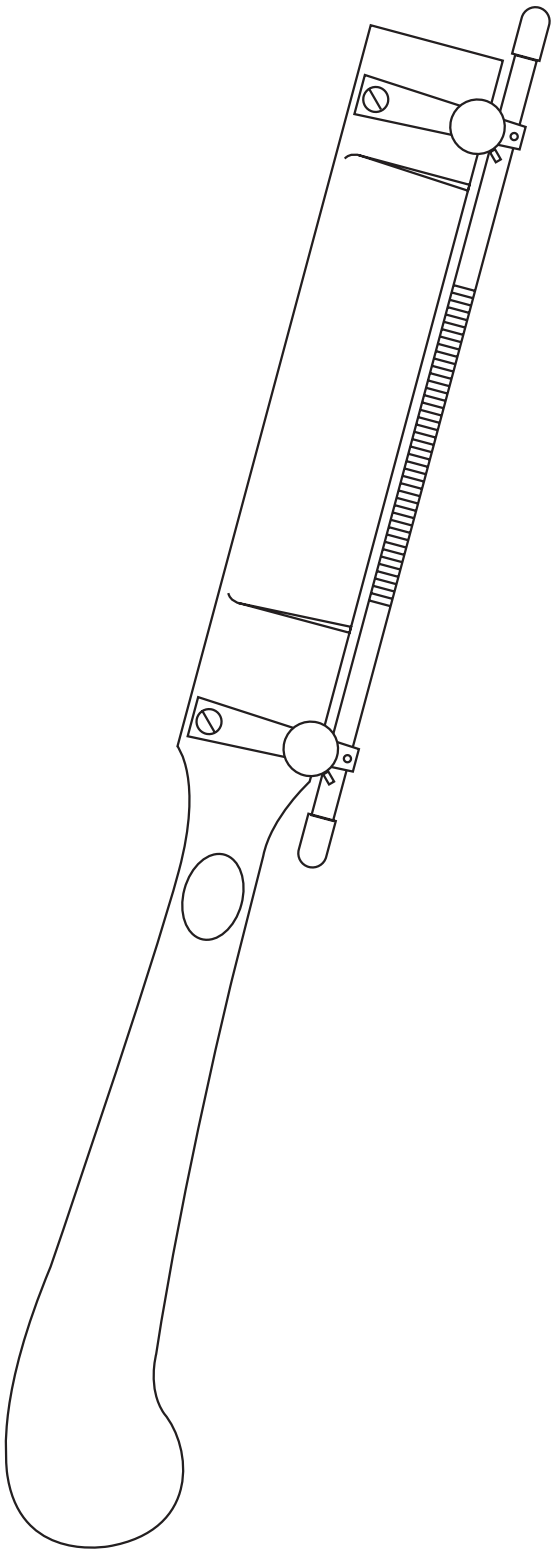


| | | | | | |
|---|---|---|---|---|---|
| 160 | 6 1/4 | | 8 | | **UT 8915-16** |

**Besonderheiten / *specification***

Maul glatt, 1 Seite keilförmig / *smooth jaws, wedge-shaped on one side*

# 9




Meßinstrumente, Diagnostik
Tourniquet, Extension
Cerclagedrähte und -instrumente
*Measuring and diagnostic devices*
*tourniquet, extension*
*wire and instruments for cerclage*

Dissektoren, Elevatorien
Raspatorien, Knochenhebel
Knochenfasszangen
*Dissectors, elevators*
*raspatories, bone levers*
*bone holding forceps*

Meißel, Stößel
Hämmer, Gipsinstrumente
*Chisels / osteotomes, tampers*
*mallets, plaster instruments*

Knochensplitterzangen, Hohlmeißel-
zangen, Rongeure, Knochenstanzen
Knochenfräsen, Biopsiekanülen
*Bone cutting forceps, bone rongeurs*
*rongeurs, punches, cutters*
*biopsy cannulas*

Küretten, scharfe Löffel
Knochenfeilen
*Curettes, spoon curettes*
*bone files*

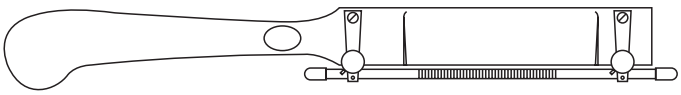
Kopfchirurgie
Schulterchirurgie
*Cranial surgery*
*Shoulder surgery*

Hand- und Fußchirurgie
*Hand and foot surgery*

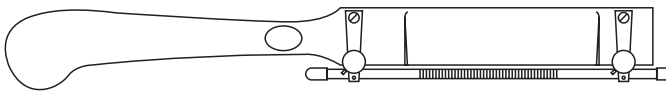
Becken-, Extremitäten- und
Kniechirurgie
*Pelvis, extremities and*
*knee surgery*

**Plastische Chirurgie**
***Plastic surgery***

Stichwortverzeichnis
*Index*

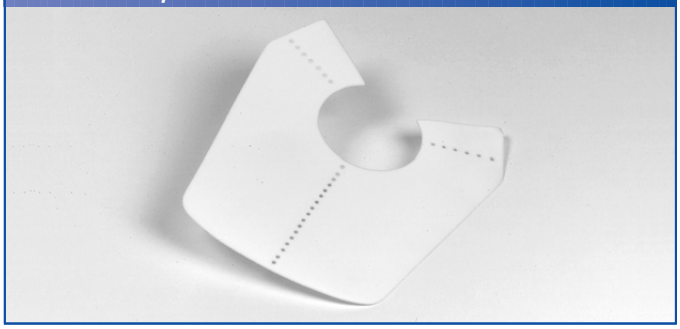


| | Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | Artikel-Nr. *product no.* |
|---|---|---|---|---|---|---|---|
| **Metallgefäß für Markierungsflüssigkeit** *Ink container* | | | 25/30 | | | 20 | **UT 9010-03** |
| **Federhalter mit Feder** *Penholder including pen* **Streli** *Streli* | 165 | 6 1/2 | 10 | | | | **UT 9020-12** |
| **Besonderheiten / *specification*** Federhalter umsteckbar, Grifflänge 115 mm / *removable pen, length of shaft 115 mm* | | | | | | | |
| **Schreibfeder, vergoldet / *Pen, gold plated*** | 32 | 1 1/4 | | | 3,5 | | **UT 9021-03** |
| **Besonderheiten / *specification*** Breite Spitze 0,3 mm / *tip 0.3 mm* | | | | | | | |
| **Mamillenschablone** *Mamilla template* **Streli** *Streli* | | | 30 | 20 | | 4,8 | **UT 9110-30** |
| | | | 35 | 20 | | 4,8 | **UT 9110-35** |
| | | | 45 | 20 | | 4,8 | **UT 9110-45** |
| **Mamillenschablone** *Mamilla template* **Bosch-Gwalter** *Bosch-Gwalter* | | | 40 | 20 | | 10 | **UT 9120-40** |
| | | | 42 | 20 | | 10 | **UT 9120-42** |
| | | | 45 | 20 | | 10 | **UT 9120-45** |
| | | | 48 | 20 | | 10 | **UT 9120-48** |
| **Besonderheiten / *specification*** mit Fadenkreuz / *with cross lines* | | | | | | | |



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | Breite in mm *width in mm* | Höhe in mm *height in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|---|---|

**Mammaschablone** **Strömbeck**
***Mamilla template*** ***Stroembeck***

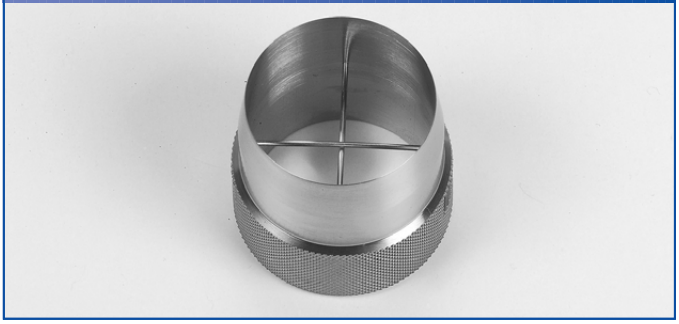


| | | | | | | |
|---|---|---|---|---|---|---|
| 175 | 7 | | 60 | 155 | 1 | **UT 9130-18** |

**Besonderheiten / *specification***

Kunststoff, dampfsterilisierbar bis 134 °C, Bohrungen Ø 2,2 mm / *plastik, steam autoclavable at 134 °C, drill hole Ø 2.2 mm*

**Mamillenschneider**
***Mamilla knife***



| | | | | | | |
|---|---|---|---|---|---|---|
| | | 33 | | | | **UT 9140-33** |
| | | 36 | | | | **UT 9140-36** |
| | | 40 | | | | **UT 9140-40** |
| | | 44 | | | | **UT 9140-44** |
| | | 48 | | | | **UT 9140-48** |
| | | 50 | | | | **UT 9140-50** |

**Besonderheiten / *specification***

mit Fadenkreuz / *with cross lines*

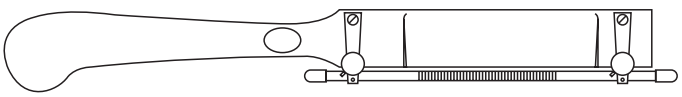
**Subkutanes Gewebespreizinstrument**
***Subcutanenous tissue distractor***



| | | | | | | |
|---|---|---|---|---|---|---|
| 215 | 8 1/2 | | | 3 | | **UT 9150-22** |

**Besonderheiten / *specification***

Maul glatt, Länge 105 mm, Spreizweite 85 mm / *smooth jaws, length 105 mm, distraction width 85 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

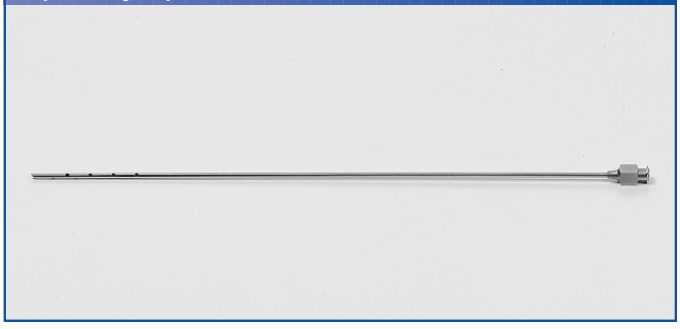
**Universalgriff für Aspirationslipektomiekürettensystem**
***Universal handle for Lipectomy aspiration curette***



| 155 | 6 1/8 | 16 | 2,5 / 4,5 | **UT 9210-16** |
|---|---|---|---|---|

**Besonderheiten / *specification***
LLm, Schlauchansatz Ø 7–10 mm / *LLm, for Ø 7–10 mm hose connection*

**Aspirationslipektomiekürette**
***Lipectomy aspiration curette***



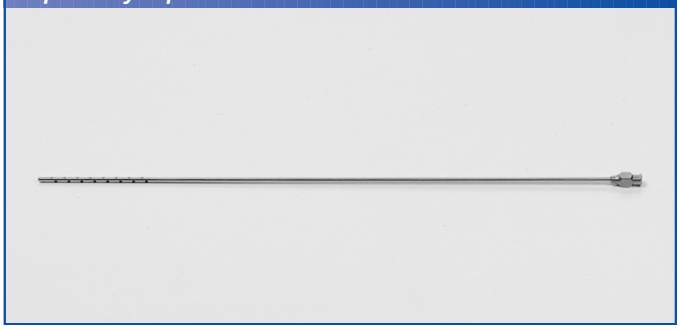
| 250 | 9 7/8 | 2,5 | 1,7 | **UT 9215-02-250** |
|---|---|---|---|---|

**Besonderheiten / *specification***
12 Öffnungen, Spitze schräg / *12 holes, tip oblique*

| 300 | 11 7/8 | 3 | 2 | **UT 9220-03-300** |
|---|---|---|---|---|

**Besonderheiten / *specification***
8 Öffnungen, Spitze schräg / *8 holes, tip oblique*

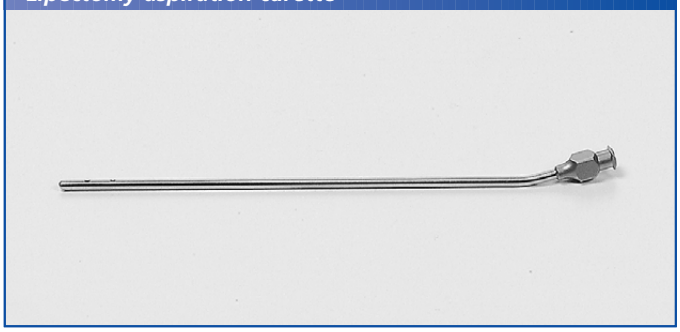
**Aspirationslipektomiekürette**
***Lipectomy aspiration curette***



| 350 | 13 3/4 | 3 | 2 | **UT 9225-03-350** |
|---|---|---|---|---|

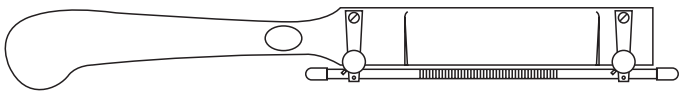
**Besonderheiten / *specification***
24 Öffnungen, Spitze schräg / *24 holes, tip oblique*

**Aspirationslipektomiekürette**
***Lipectomy aspiration curette***



| 150 | 6 | 3 | 2 | **UT 9230-03-150** |
|---|---|---|---|---|

**Besonderheiten / *specification***
gebogen, 5 Öffnungen, Spitze schräg / *curved, 5 holes, tip oblique*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|

**Aspirationslipektomiekürette**
***Lipectomy aspiration curette***



| | | | | |
|---|---|---|---|---|
| 150 | 6 | 2 | 1,5 | **UT 9235-02-150** |
| 250 | 9 7/8 | 2 | 1,5 | **UT 9235-02-250** |

**Besonderheiten / *specification***
8 Öffnungen, Spitze rund / *8 holes, round tip*

**Aspirationslipektomiekürette**
***Lipectomy aspiration curette***



| | | | | |
|---|---|---|---|---|
| 150 | 6 | 1,5 | 1 | **UT 9240-01-150** |
| 300 | 11 7/8 | 3 | 2 | **UT 9240-03-300** |
| 400 | 15 3/4 | 4 | 3 | **UT 9240-04-400** |

**Besonderheiten / *specification***
10 Öffnungen, Spitze rund / *10 holes, round tip*

**Aspirationslipektomiekürette**
***Lipectomy aspiration curette***



| | | | | |
|---|---|---|---|---|
| 200 | 7 7/8 | 3 | 2 | **UT 9245-03-200** |
| 300 | 11 7/8 | 3 | 2 | **UT 9245-03-300** |
| 200 | 7 7/8 | 4 | 3 | **UT 9245-04-200** |
| 300 | 11 7/8 | 4 | 3 | **UT 9245-04-300** |

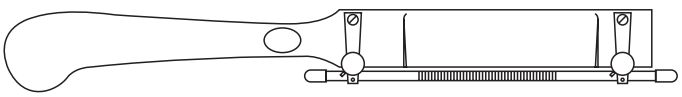
**Besonderheiten / *specification***
22 Öffnungen, Spitze rund / *22 holes, round tip*

**Aspirationslipektomiekürette**
***Lipectomy aspiration curette***



| | | | | |
|---|---|---|---|---|
| 50 | 2 | 1,5 | 0,6 | **UT 9250-01-050** |
| 150 | 6 | 1,5 | 0,6 | **UT 9250-01-150** |
| 50 | 2 | 2 | 0,8 | **UT 9250-02-050** |
| 150 | 6 | 2 | 0,8 | **UT 9250-02-150** |
| 200 | 7 7/8 | 2 | 0,8 | **UT 9250-02-200** |
| 300 | 11 7/8 | 2 | 0,8 | **UT 9250-02-300** |
| 200 | 7 7/8 | 3 | 1,2 | **UT 9250-03-200** |

**Besonderheiten / *specification***
1 Öffnung mit Markierung am LL-Ansatz an der gegenüberliegenden Seite, Spitze rund / *1 hole with indicator on the opposite side LL, round tip*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|

**Aspirationslipektomiekürette**
***Lipectomy aspiration curette***



| | | | | |
|---|---|---|---|---|
| 300 | 11 7/8 | 3 | | **UT 9255-03-300** |
| 300 | 11 7/8 | 4 | | **UT 9255-04-300** |
| 300 | 11 7/8 | 5 | | **UT 9255-05-300** |

**Besonderheiten / *specification***

1 zentrale und zwei laterale Öffnungen mit Markierung am LL-Ansatz, Spitze rund / *1 medial and 2 lateral holes, LL, round tip*

**Aspirationslipektomiekürette**
***Lipectomy aspiration curette***



| | | | | |
|---|---|---|---|---|
| 150 | 6 | 1,5 | | **UT 9260-01-150** |
| 300 | 11 7/8 | 3 | | **UT 9260-03-300** |

**Besonderheiten / *specification***

1 Öffnung, Spitze gabelförmig, gerundet, Dissektorfläche schneidend / *1 hole, forked, round tip, cutting dissector*

**Aspirationslipektomiekürette** **Kesselring**
***Lipectomy aspiration curette*** ***Kesselring***

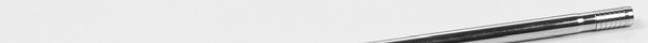


| | | | | |
|---|---|---|---|---|
| 250 | 9 7/8 | 7 | | **UT 9500-25** |
| 330 | 13 | 10 | | **UT 9500-33** |
| 385 | 15 1/4 | 12 | | **UT 9500-39** |

**Besonderheiten / *specification***

gerade, Schlauchansatz Ø 12 mm / *straight, hose end Ø 12 mm*

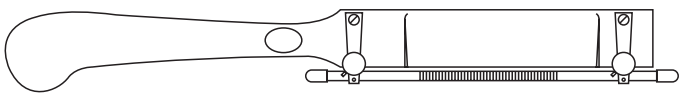
**Aspirationslipektomiekürette** **Kesselring**
***Lipectomy aspiration curette*** ***Kesselring***



| | | | | |
|---|---|---|---|---|
| 250 | 9 7/8 | 7 | | **UT 9501-25** |
| 330 | 13 | 10 | | **UT 9501-33** |
| 385 | 15 1/4 | 12 | | **UT 9501-39** |

**Besonderheiten / *specification***

konvex, Schlauchansatz Ø 12 mm / *convex, hose end Ø 12 mm*



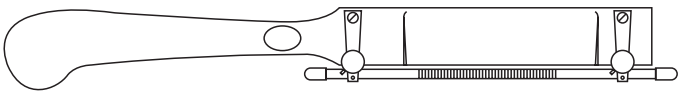
**Aspirationslipektomiekürette** **Kesselring**
***Lipectomy aspiration curette*** ***Kesselring***



| Länge in mm *length in mm* | Länge in inch *length in inch* | Ø außen in mm *outer Ø in mm* | Ø innen in mm *inner Ø in mm* | **Artikel-Nr.** ***product no.*** |
|---|---|---|---|---|
| 250 | 9 7/8 | 7 | | **UT 9502-25** |
| 330 | 13 | 10 | | **UT 9502-33** |
| 385 | 15 1/4 | 12 | | **UT 9502-39** |

**Besonderheiten / *specification***

konkav, Schlauchansatz Ø 12 mm / *concave, hose end Ø 12 mm*



| | Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Tiefe in mm *depth in mm* | Höhe in mm *height in mm* | Artikel-Nr. *product no.* |
|---|---|---|---|---|---|---|

**Dermatom** / ***Dermatome*** — **Schink** / ***Schink***



| | | | | | |
|---|---|---|---|---|---|
| 300 | 11 7/8 | 30 | | | **UT 9610-30** |

**Besonderheiten / *specification***

Schneidenlänge 100 mm, Dicke von 0,1 bis 2 mm einstellbar, komplett mit 1 Klinge und 2 Spannplatten / *maximum length 100 mm, adjustable thickness 0.1 to 2 mm, includes 1 blade and 2 tension pieces*

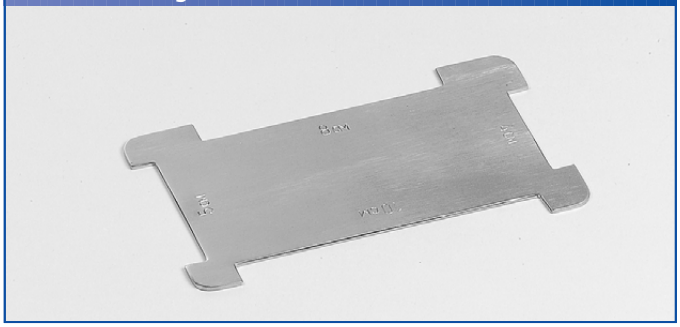
**Ersatzmesser / *spare blade***

| | | | | | |
|---|---|---|---|---|---|
| 102 | 4 | 12 | | | **UT 9611-10** |

**Besonderheiten / *specification***

Dicke 0,4 mm / *thickness 0.4 mm*

**Hautspannplatte** / ***Plate for skin graft*** — **Schink** / ***Schink***

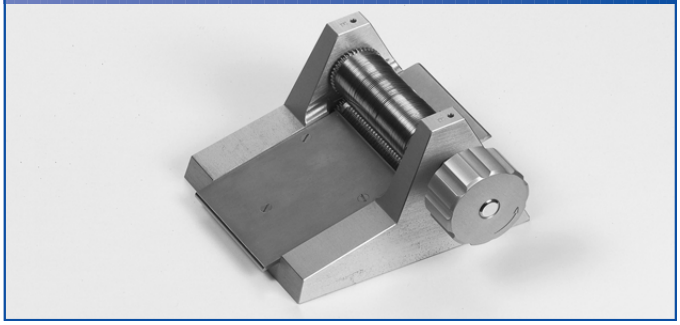


| | | | | | |
|---|---|---|---|---|---|
| 130 | 5 1/8 | 78 | | | **UT 9612-13** |

**Besonderheiten / *specification***

Metall / *metal*

**Hautlappenvergrößerungsapparat** / ***Skin amplificator***



| | | | | | |
|---|---|---|---|---|---|
| | | 160 | 150 | 82 | **UT 9622-00** |

**Besonderheiten / *specification***

Vergrösserung 2-fach, Gitterabstand Hautnetz 3,8 mm, Schneidbreite Walze ca. 70 mm / *size 2x, size of the square 3.8 mm, cutting with of roller appr. 70 mm*

| | | | | | |
|---|---|---|---|---|---|
| | | 160 | 150 | 82 | **UT 9624-00** |

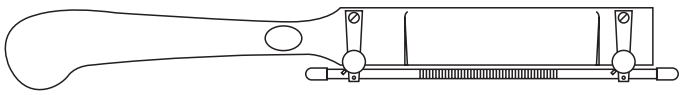
**Besonderheiten / *specification***

Vergrösserung 4-fach, Gitterabstand Hautnetz 7,5 mm, Schneidbreite Walze ca. 70 mm / *size 4x, size of the square 7.5 mm, cutting with of roller appr. 70 mm*

| | | | | | |
|---|---|---|---|---|---|
| | | 160 | 150 | 82 | **UT 9626-00** |

**Besonderheiten / *specification***

Vergrösserung 6-fach, Gitterabstand Hautnetz 11 mm, Schneidbreite Walze ca. 70 mm / *size 6x, size of the square 11 mm, cutting with of roller appr. 70 mm*



| Länge in mm *length in mm* | Länge in inch *length in inch* | Breite in mm *width in mm* | Breite innen in mm *inner width in mm* | Tiefe in mm *depth in mm* | **Artikel-Nr. *product no.*** |
|---|---|---|---|---|---|

**Rhinotom** **Schrudde-Olivari**
***Rhinotome*** ***Schrudde-Olivari***



| | | | | | |
|---|---|---|---|---|---|
| 195 | 7 3/4 | | | | **UT 9721-20** |

**Besonderheiten / *specification***
leicht gebogen / *slightly curved*

| | | | | | |
|---|---|---|---|---|---|
| 195 | 7 3/4 | | | | **UT 9722-20** |

**Besonderheiten / *specification***
mittel gebogen / *curved (standard)*

| | | | | | |
|---|---|---|---|---|---|
| 195 | 7 3/4 | | | | **UT 9723-20** |

**Besonderheiten / *specification***
stark gebogen / *extra curved*

**Nasenhöckerosteotom** **Olivari**
***Rhinal osteotome*** ***Olivari***



| | | | | | |
|---|---|---|---|---|---|
| 180 | 7 | 5 | 3 | | **UT 9730-03** |
| 180 | 7 | 8,5 | 6 | | **UT 9730-06** |
| 180 | 7 | 13 | 10 | | **UT 9730-10** |
| 180 | 7 | 15 | 12 | | **UT 9730-12** |
| 180 | 7 | 18 | 15 | | **UT 9730-15** |

# 9.4

# 10


Meßinstrumente, Diagnostik
Tourniquet, Extension
Cerclagedrähte und -instrumente
*Measuring and diagnostic devices*
*tourniquet, extension*
*wire and instruments for cerclage*

Dissektoren, Elevatorien
Raspatorien, Knochenhebel
Knochenfasszangen
*Dissectors, elevators*
*raspatories, bone levers*
*bone holding forceps*

Meißel, Stößel
Hämmer, Gipsinstrumente
*Chisels / osteotomes, tampers*
*mallets, plaster instruments*

Knochensplitterzangen, Hohlmeißelzangen, Rongeure, Knochenstanzen
Knochenfräsen, Biopsiekanülen
*Bone cutting forceps, bone rongeurs*
*rongeurs, punches, cutters*
*biopsy cannulas*

Küretten, scharfe Löffel
Knochenfeilen
*Curettes, spoon curettes*
*bone files*

Kopfchirurgie
Schulterchirurgie
*Cranial surgery*
*Shoulder surgery*

Hand- und Fußchirurgie
*Hand and foot surgery*

Becken-, Extremitäten- und Kniechirurgie
*Pelvis, extremities and knee surgery*

Plastische Chirurgie
*Plastic surgery*

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